

## Dr. Joseph Varon

MD, FACP, FCCP, FCCM, FRSM

Founding member of the FLCCC Alliance and co-author of the MATH+ and I-MASK+ Prophylaxis and Treatment Protocols for COVID-19



### Contributions to the Field of Medicine

Dr. Varon has contributed more than 830 peer-reviewed journal articles, 10 full textbooks, and 15 dozen book chapters to the medical literature. He currently serves as Editor-in-Chief for *Critical Care and Shock* and *Current Respiratory Medicine Reviews*. Dr. Varon has won many prestigious awards and is considered among one of the top physicians in the United States. Dr. Varon is also known for his groundbreaking contributions to Critical Care Medicine in the fields of cardiopulmonary resuscitation and therapeutic hypothermia. He has developed and studied technology for selective brain cooling. With Dr. Carlos Ayus, he co-described the hyponatremia associated with extreme exercise syndrome also known as the “Varon-Ayus syndrome” and with Mr. James Boston co-described the healthcare provider anxiety syndrome also known as the “Boston-Varon syndrome.” Along with Professor Luc Montagnier (Nobel Prize Winner for Medicine in 2008), Dr. Varon created the Medical Prevention and Research Institute in Houston, Texas, where they conduct work on basic sciences projects. Dr. Varon has appeared in numerous national and international television and radio programs showing his techniques and care of patients. During the past 11 months of the COVID pandemic, Dr. Varon has become a world leader for his work on COVID19 and his co-development of the MATH+ protocol to care for these patients. For this he has won multiple awards, including a proclamation by the Mayor of the City of Houston, of “Dr. Joseph Varon Day”.

### Present Positions

*Chairman of the Board*, United Memorial Medical Center and United General Hospital, Houston, Texas

*Chief of Staff and Chief of Critical Care Services*, United Memorial Medical Center, Houston, Texas

*Chief of Staff and Chief of Critical Care Services*, United General Hospital, Houston, Texas

*Professor of Medicine*, Universidad Autónoma de Tamaulipas, School of Medicine, Tampico, Tamaulipas, Mexico

*Professor of Emergency Medicine and Surgery*, Universidad de Monterrey, School of Medicine, Monterrey, Nuevo León, México

*Professor of Medicine*, Universidad Autónoma de Baja California, Tijuana, Mexico

*Professor of Medicine*, Universidad Popular Autónoma del Estado de Puebla, Puebla, Mexico

*Professor of Medicine*, Universidad Autónoma de Chihuahua, Chihuahua, Mexico

*Professor of Medicine*, Benemerita Universidad Autónoma del Estado de Puebla, Puebla, Mexico  
*Professor of Emergency Medicine* Instituto Politécnico Nacional Mexico DF, Mexico  
*Professor of Medicine* Universidad Anahuac Mexico DF, Mexico  
*Professor of Medicine and Surgery*, Universidad de Sonora, Hermosillo, Sonora, Mexico  
*Adjunct Professor of Medicine* Oceania University of Medicine Apia, Samoa  
*Adjunct Professor of Medicine* Université Claude Bernard, Lyon 1, Lyon, France  
*Professor of Medicine and Surgery* Universidad del Valle de Mexico Hermosillo, Sonora, Mexico  
*Professor of Medicine and Surgery* Universidad Autónoma de Queretaro Queretaro, Mexico  
*Professor of Medicine and Surgery* Benemerita Universidad Autónoma de Puebla Puebla, Mexico  
*Clinical Asst. Professor of Medicine*, Baylor College of Medicine, Houston, Texas  
*Professor Emeritus*, Universidad Anahuac, Campus Cancun, Cancun, Quintana Roo, Mexico  
*Professor of Medicine* Universidad Durango Santander Hermosillo, Mexico  
Chief of Staff, UMMC Hospital Sugarland, Houston, Texas  
*Chief of Staff and Chief of Critical Care Services*, UMMC North Hospital, Houston, Texas  
*Director*, COVID 19 Unit, United Memorial Medical Center, Houston, Texas  
*Past Chief of Staff* University General Hospital Houston, Texas  
*Former Chief of Critical Care Services* Foundation Surgical Hospital of Houston, Houston, Texas  
*Staff Internal Medicine, Pulmonary and Critical Care Physician*, Houston Methodist Hospital, Houston, Texas  
*Staff Internal Medicine, Pulmonary and Critical Care Physician*, United Memorial Medical Center, Houston, Texas  
*Staff Internal Medicine, Pulmonary and Critical Care Physician*, Advanced Diagnostics Hospital, Houston, Texas  
*President*, Dorrington Medical Associates, P.A. Houston, Texas  
*Associate Medical Director*, Event Response First Med, Inc. Houston, Texas  
*President and Medical Director*, Life Air Ambulance Services International, LLC, Houston, Texas  
*Consultant*, United States Department of Justice, Washington, DC  
*Co-founder and Principal Investigator*, Medical Prevention and Research Institute Houston, Texas  
*Medical Director of Critical Care and Flight Services*, Acute Medical Services, LLC., Houston, TX  
*Medical Director*, Texas Rapid Drug Detoxification Program at United Memorial Medical Center, Houston, Texas

## Education

### Grade School

1968–1974 Colegio Hebreo Sefaradí. México City, México.  
Ministry of Public Education Registry 0969109  
Scholarship obtained. Foreign language: Hebrew.

### Junior High School

1974–1977 Colegio Hebreo Sefaradí. México City, México  
Scholarship obtained.  
Foreign languages: Hebrew and English. General results average 9.8  
(scale 1–10)

### Senior High School

1977–1980 Colegio Williams. México City, México.  
Affiliated to the National Autonomous University of México. Major in  
Chemistry and Biology.  
General results average 9.54 (Scale 1-10) Honors in all three years.

### Medical School

Aug 1980 Accreditation of the selection exam by the **Universidad Nacional Autónoma de México** (UNAM). Accepted in the Medical School in México City, México.

1980–1986 Credits in basic sciences courses. Credits in clinical sciences courses.

1985 January 1 - December 31, Transitional internship. **General Hospital of México**. Honors mention for results and performance. Rotations: Obstetrics-Gynecology, Pediatrics, Radiology, Critical Care Medicine General Surgery, Community and Family Medicine.

1986 Social Service. Accepted to perform social service year in Research by the **National University of México** (UNAM). Accepted to perform social service at the General Bureau of Health Education and Research under the research protocol: "Development of a new technology for the qualitative and quantitative definition of human resources in the health area". Ministry of Health. México City, México.

Jan 1986 Professional examination. Credit obtained.

### Postgraduate

Oct 1986 National exam for candidates to residencies: Approved. Honors mention by the ministry of Health. México City, México.

Nov 1986 Accepted at the **Ramon y Cajal Hospital**, Madrid, Spain for residency in Cardiovascular and cardiothoracic surgery.

Nov 1986 Accepted at the **General Hospital of México** for residency in cardiovascular surgery.

Feb 1987	Resigned the resident (CV surgery) position at the <b>General Hospital of México</b> .
May 1987	Resigned the resident position at the <b>Ramon y Cajal Hospital</b> , Madrid, Spain.
1987	Visiting Physician at <b>Texas Heart Institute/St. Luke's Episcopal Hospital</b> . Houston, Texas. Rotations: Cardiology, Nephrology.
1988–1989	PGY-1. Internship in Internal Medicine. <b>Providence Hospital/ George Washington University</b> , Washington, D.C.
1989–1990	PGY-2. Residency in Internal Medicine. <b>Stanford University School of Medicine</b> . Stanford University Hospital. Stanford, CA.
1990–1991	PGY-3. Residency in Internal Medicine Stanford University School of Medicine. Stanford University Hospital. Stanford, CA.
1991–1992	PGY-4. Fellowship in Critical Care Medicine. <b>Baylor College of Medicine</b> . Houston, TX.
1992–1993	PGY-5, Fellowship Pulmonary diseases. <b>Baylor College of Medicine</b> . Houston, TX.
1993–1994	PGY-6, Fellowship in Pulmonary/Critical Care Medicine, <b>Baylor College of Medicine</b> . Houston, TX.

## Licensure

1987	Professional licensure. Title and registration to practice Medicine in <u>all</u> Mexican states. License number 1193757 Current status: Active
Nov 1989	Exam by the California Board of Medical Quality Assurance for licensure: approved. California Medical License A 047713 Current status: Active Jan 1990 DEA number BV 2120309
Mar 1994	Texas Department of Public Safety 70088060
Jun 1994	Texas Medical License J5933 Current status: Active

## Certifications and Recertifications

Jul 1987	Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS) Clinical component: approved English test: approved
Jan 1988	Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS) Basic sciences: approved ECFMG certificate 407-765-7
Dec 1988	Federal License Examination (FLEX) Philadelphia, PA Component I: approved. Component II: approved.
1991	Diplomate of the American Board of Internal Medicine. Board Certified.
1992	Fellow of the American College of Angiology (F.A.C.A.)
1996	Diplomate of the American Board of Internal Medicine, Pulmonary Diseases Subspecialty (1996-2006)
1996	Fellow of the American College of Physicians (F.A.C.P.)
1997	Fellow of the American College of Chest Physicians (F.C.C.P.)

- 1997 Diplomate of the American Board of Internal Medicine, Critical Care Medicine Subspecialty (1997-2007)
- 1998 Fellow of the American College of Critical Care Medicine (F.C.C.M.)
- 2005 Diplomate of The American Board of Geriatrics Certificate Number A5-19604
- 2005 Fellow of The American College of Geriatrics Specialists (F.A.C.G.S.)
- 2007 Diplomate of the American Board of Internal Medicine, Pulmonary Diseases Subspecialty (2007-2017). Re-Certified.
- 2007 Diplomate of the American Board of Internal Medicine, Critical Care Medicine Subspecialty (2007-2017). Re-Certified.
- 2013 Fellow of the Royal Society of Medicine (F.R.S.M.) London, United Kingdom.
- 2017 Diplomate of the National Board of Physicians and Surgeons in Internal Medicine, Critical Care Medicine and Pulmonary Disease. (Certificate No. 005885)

## Languages

**Native language**      **Spanish**

**Other Languages**

	Written	Spoken	Read
English	100%	100%	100%
Hebrew	100%	100%	100%
Portuguese	60%	60%	80%
French	60%	30%	60%
Yiddish	50%	50%	50%
Greek	40%	30%	40%
Latin	30%	30%	50%

## Mentions, Honors and Awards

- Mar 1981 Letter of recognition for the effort performed in the regular course of medical histology.
- Dec 1981 Letter of recognition for the performance in the course of human anatomy.
- July 1983 Diploma for distinguished results among the first three positions for Physician Surgeon. Awarded by the Dean of the National University of México.
- Nov 1983 Honors for having obtained the first place in the contest for medical posters against tobacco. Awarded by the chief of medical services of the National Institute of Nutrition. México City, México.
- Oct 1984 Diligence diploma for having obtained the top grade in all subjects during 1982. Awarded by the Dean of the School of Medicine of the National University of México.
- Feb 1985 Diligence and distinction diploma among the first three top positions in the medical school during 1983. Awarded by the Dean of the National University of México.

- Dec 1985 Honors for medical performance at the "X" Sanitary Medical County of the Ministry of public Health. México City, México.
- Jan 1986 Honors mention awarded by the Mexican Anatomy Society for having given the Master Conference "Anatomy, an historic flash turned into surgery", presented at the VI National Morphology Meeting, held in Cuernavaca, México.
- Mar 1986 Honors for having obtained the highest grades in all subjects and excellent performance in the pre-graduate internship. Awarded by the Chief of Staff at the General Hospital of Mexico.
- June 1990 Franklin E. Ebaugh Jr. Award for excellence in research conducted as a house officer. Awarded by the department of Medicine. Stanford University School of Medicine. Stanford, California.
- June 1991 Franklin E. Ebaugh Jr. Award for excellence in research conducted as a house officer. Awarded by the department of Medicine. Stanford University School of Medicine. Stanford, California.
- 1996 Elected Fellow of the American College of Physicians (F.A.C.P.)
- 1997 Fellow of the American College of Chest Physicians (F.C.C.P.)
- 1999 Fellow of the American College of Critical Care Medicine (F.C.C.M.)
- Aug 2000 Jay Block Award for excellence in reviewing manuscripts. Awarded by the American College of Chest Physicians and the Medical Journal Chest.
- Feb 2001 Developed the "Dr. Joseph Varon Award for Clinical Research", which is given every year to those physicians in clinical practice with the best research protocol.
- Apr 2001 Selected by the American College of Chest Physicians as representative to attend the 8<sup>th</sup> Annual Capitol Hill Caucus. Capitol Hill, Washington, D.C.
- May 2001 National Leadership Award. Awarded by the National Republican Congressional Committee., Capitol Hill, Washington, D.C.
- Sept 2001 Jay Block Award for excellence in reviewing manuscripts. Awarded by the American College of Chest Physicians and the Medical Journal Chest.
- Apr 2002 "Dr. Atenógenes Saldivar Award" for outstanding service in education and research. Awarded by the Universidad Autónoma de Tamaulipas School of Medicine, Tampico, México. December 2002 "Humberto Filizola Award". Awarded by the Dean of Universidad Autónoma de Tamaulipas for outstanding commitment to education and training of medical students. Tampico, México.
- Dec 2003 Award for teaching performance by the Emergency Medicine Residency Program of Hospital General de Zona 33. Monterrey, Mexico.
- Jan 2004 "2003 Physician of the Year Award". Awarded by the National Republican Congressional Committee. Washington, D.C.
- Apr 2005 Elected Fellow of The American College of Geriatrics Specialists (F.A.C.G.S.) by the African College of Geriatrics Specialists.
- July 2006 "Key of the City of Cove, Texas". Awarded by the Mayor of the City of Cove in recognition of excellence in medical treatment.
- Aug 2008 "Outstanding Achievement Award to the Medical Profession". Awarded by the Indonesian Society of Intensive Care Medicine. Bali, Indonesia.
- Aug 2009 "America's Top Physicians 2009". Awarded by the Consumers' Research Council of America. Washington, D.C.
- Sept 2010 "America's Top Physicians 2010". Awarded by the Consumers' Research Council of America. Washington, D.C.

Feb 2011	"Patients' Choice Award 2010". Awarded by the United States - American Registry. Boca Raton, FL.
July 2011	"Outstanding Achievement Award for Extraordinary Service and Dedication to the Medical Profession". Awarded by the Indonesian Society of Intensive Care Medicine. Bali, Indonesia.
Aug 2011	"Most Compassionate Doctor Award 2010". Awarded by the United States - American Registry. Boca Raton, FL.
Feb 2012	"Outstanding Reviewer Award". Awarded by the Journal of Emergency Medicine (top out of 400 National and international reviewers).
May 2012	"Most Compassionate Doctor Award 2011". Awarded by the United States - American Registry. Boca Raton, FL.
Oct 2012	"Texas Favorite Physicians 2012". Patient's Choice Award. This was awarded by the United States American Registry. Boca Raton, FL.
Jan 2013	"Reviewer Award 2012". In recognition of continued support and contribution to the quality of the journal Resuscitation. Awarded by Elsevier publishers, United Kingdom.
Feb 2013	Elected "Overseas Fellow of the Royal Society of Medicine". London, United Kingdom.
June 2013	"Most Compassionate Doctor Award 2012". Awarded by the United States - American Registry. Vitals.com and People's Choice Awards. Boca Raton, FL.
July 2013	"Award for Excellent and Unconditional Teaching of Health Care Providers in South East Asia". Awarded by the Foundation for Critical Care Medicine in Indonesia. Kuta, Indonesia.
July 2013	"Top 10 Sleep Medicine Physicians". Awarded by the United States - American Registry. Vitals.com and People's Choice Awards. Boca Raton, FL.
Dec 2013	"2013 Patient's Choice Award". Awarded by the United States - American Registry. Vitals.com and People's Choice Awards. Boca Raton, FL.
Feb 2014	"Most Compassionate Doctor Award 2013". Awarded by the United States - American Registry and Vitals.com. Boca Raton, FL.
July 2014	"Reviewer Award 2013". In recognition of continued support and contribution to the quality of the journal Resuscitation. Awarded by Elsevier publishers, United Kingdom.
Dec 2014	"2014 Patient's Choice Award". Awarded by the United States - American Registry. Vitals.com and People's Choice Awards. Boca Raton, FL.
June 2015	"Outstanding Contribution In Reviewing". In recognition of continued support and contribution to the quality of the American Journal of Emergency Medicine. Awarded by Elsevier publishers, Amsterdam, The Netherlands.
Nov 2015	"Outstanding Contribution In Reviewing". In recognition of continued support and contribution to the quality of the journal Resuscitation in cooperation with the European Resuscitation Council (ERC). Awarded by Elsevier publishers, United Kingdom and the ERC.
May 2016	"America's Best Physicians 2016. Pulmonary Medicine". Awarded by National Consumer Advisory Board.
Feb 2017	"America's Best Physicians 2017. Critical Care". Awarded by National Consumer Advisory Board.
May 2017	"Patients' Choice Award: Texas Favorite Physicians. Five Year Honoree (2012-2016). Awarded by Vitals.com

June 2017	“Outstanding Contribution in Reviewing”. In recognition of continued support and contribution to the quality of the Journal of Emergency Medicine. Awarded by Elsevier publishers, Amsterdam, The Netherlands.
Nov 2017	“Outstanding Contribution in Reviewing”. In recognition of continued support and contribution to the quality of the journal Resuscitation in cooperation with the European Resuscitation Council (ERC). Awarded by Elsevier publishers, Amsterdam, The Netherlands and the ERC.
Aug 2018	“Top Pulmonologist among The Leading physicians of the World”. Awarded by the International Association of Healthcare Professionals (IAHCP).
Aug 2018	“Outstanding Chairperson Appreciation Award.” This award was given for the unrelenting guidance that helped over two decades the path of success of the Asia Pacific Symposium of Critical Care and Emergency Medicine. Bali, Indonesia.
Jan 2019	“America’s Best Physicians 2019. Pulmonary Medicine”. Awarded by National Consumer Advisory Board.
Sept 2020	“Mexicanos Distinguidos Award”. This is a yearly award that the Government of Mexico gives to the most distinguished Mexican living outside Mexico. Awarded by Secretaria de Relaciones Exteriores, Gobierno de Mexico.
Sept 2020	Certificate of Congressional Recognition” Awarded by Congresswoman Sheila Jackson-Lee on the occasion of Distinguished Mexicans Award ceremony for the contributions to the Hispanic and Latino community in the City of Houston.
Sept 2020	“Proclamation of Dr. Joseph Varon Day by the Mayor of the City of Houston, Sylvester Turner”. Awarded by the Mayor of Houston in recognition of the outstanding work done in such city.
Sept 2020	“Certificate of Appreciation” Awarded by Adrian Garcia, Harris County Commissioner due to outstanding achievements as a doctor.

## Special Assignments and Requests

Jun 1985: Assigned by the Medical Director of The General Hospital of Mexico to cover the socio-cultural brigades of the PRI.

Dec 1985: Requested by the Ministry of Public Health to perform social service in the "X" Sanitary County.

Dec 1985: Requested by the department of Surgery at the National University of Mexico school of Medicine to collaborate in the research project : "Aorto-coronary bypass grafts using umbilical arteries treated with glutaraldehyde".

Feb 1994: Symposium coordinator. "Obstructive Lung Disease". Requested by Postgraduate Medicine.

Nov 1993–July 1994: Symposium coordinator. "Cardiopulmonary Resuscitation". Requested by Hospital Physician.

March 1995: Interactive symposium coordinator. "Asthma". requested by the Mexican society of Pulmonary Medicine and Thoracic Surgery.

March 1998: Interactive symposium coordinator. “Cardiopulmonary Resuscitation”, requested by the Mexican Society of Pulmonary Medicine and Thoracic Surgery.



March 1998: Interactive symposium coordinator. "Non-Invasive Mechanical Ventilation", requested by the Mexican Society of Pulmonary Medicine and Thoracic Surgery.

November 1998: Co-Chairman, Interactive Symposium: Sedation in critically ill patients. Presented at the American College of Chest Physician World Congress, Chest 1998, Toronto, Canada.

October 1999: Symposium coordinator: Cardiopulmonary resuscitation. Mexican Society of Critical Care.

February 2000: Chair, Cardiopulmonary resuscitation poster presentations of the Society of Critical Care Medicine 29<sup>th</sup> Educational and Scientific Symposium, Orlando, FL.

March 2000: Symposium coordinator: Pressure-volume curves. 20<sup>th</sup> International Symposium on Intensive Care Medicine and Emergency Medicine. Brussels, Belgium.

March 2000 - January 2001: Emergency Medicine Advisor for the American College of Chest Physicians Delphi Consensus on the Management of Spontaneous Pneumothorax.

August 2001: Symposium coordinator- Dysrhythmia Workshop. 8<sup>th</sup> Indonesian International Symposium on Shock and Critical Care. Bali, Indonesia.

March 2002: Symposium moderator - Emergencies - 22<sup>nd</sup> International Symposium on Intensive Care Medicine and Emergency Medicine. Brussels, Belgium.

March 2002: Symposium moderator - Cerebrovascular accidents- 22<sup>nd</sup> International Symposium on Intensive Care Medicine and Emergency Medicine. Brussels, Belgium.

August 2002: Workshop coordinator and primary instructor - Interventional Bronchoscopy - Western Pacific Congress on Critical Care, and 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

October 2003: Chair, Vasoactive Therapy in Critically Ill Patients Symposium. 2003 Annual Meeting of the American College of Chest Physicians, Orlando, FL.

December 2003: Co-Chair, Primer Encuentro Internacional de Medicina de Urgencias. Monterrey, Mexico.

June 2004: Symposium moderator- Cardiopulmonary resuscitation. The 13<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine. Seoul, Korea.

July 2004: Co-Chair, Congreso Internacional de Politrauma y Emergencias. Monterrey, Mexico.

August 2004: Chairman, 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

August 2004: Workshop coordinator and primary instructor - The Internet and Computer Information in Critical Care Medicine. 11<sup>th</sup> International Symposium on Shock and Critical Care Nusa Dua, Bali, Indonesia.

October 2004: Chair, interactive meeting symposium "Treating Acute Hypertension: Beyond Blood Pressure Control. American College of Chest Physicians CHEST 2004. Seattle, WA.

March 2005: Symposium moderator - When and what to transfuse. 25<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels. Belgium.

June 2005–present: Judge for the “Premio Nacional de Investigación UANL”. Universidad Autonoma de Nuevo Leon. Monterrey, Mexico

June 2005–July 2013: Clinical Forensic Consultant. Galveston County Medical Examiner Office. Texas City, TX.

August 2005: Chairman, 12<sup>th</sup> International Symposium on Shock and Critical Care. Kuta, Bali, Indonesia.

August 2006: Chairman, Scientific Committee, 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with 3<sup>rd</sup> Symposium of Nutri Indonesia. Kuta, Bali, Indonesia.

October 2006: Chairman, Evolving treatment Modalities for Hypertensive Emergencies Symposium. American College of Chest Physicians. Salt Lake City, UT.

August 2007: Scientific Chairman, 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

February 2008: Program Chairman, Management of Acute Pressure Syndromes in Critical Care: From Threat to Therapy. Sponsored by the Society of Critical Care Medicine. Honolulu, Hawaii.

March 2008: Symposium moderator: “Acute coronary syndromes”. China Interventional Therapeutics 2008. Beijing, China.

August 2008: Scientific Chairman, 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2009: Chairman of the Scientific Committee, 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

July 2010: Chairman of the Scientific Committee, 17<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

November 2010: Moderator, Original Investigations in Critical Care. American College of Chest Physicians, CHEST 2010, Vancouver, Canada.

December 2010-to-date: Pulmonary disease update beta test reviewer for the American Board of Internal Medicine.

May 2011: Chairman, “Use of beta-blockers in the perioperative and intensive care unit settings”. 49<sup>th</sup> Annual Weil Symposium on Critical Care and Emergency Medicine. Rancho Mirage, CA.

May 2011: Chairman, “Managing heart rhythm and blood pressure in the perioperative setting”. Presented as a live symposium in conjunction with Heart Rhythm 2011. San Francisco, CA.

July 2011: Chairman of the Scientific Committee, 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2011: Chairman of the Postgraduate Course “ How to write a manuscript and get it published”. Kuta, Indonesia.

July 2012: Chairman of the Scientific Committee, 19<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2013: Chairman of the Scientific Committee, 20<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2014: Chairman of the 21<sup>st</sup> International Symposium on Critical Care and Emergency Medicine 2014. Kuta, Bali, Indonesia

July 2015: Chairman of the Scientific Committee of the 22<sup>nd</sup> Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2016: Chairman of the Scientific Committee of the 23<sup>rd</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2016. Kuta, Bali, Indonesia.

October 2016: Workshop coordinator: Therapeutic hypothermia. XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

January 2017: Workshop coordinator: Therapeutic hypothermia. Primer Simposio Internacional del enfoque terapeutico de la lesion cerebral traumatica. Hospital General Xoco. Mexico City, Mexico.

August 2017: Chairman of the Scientific Committee of the 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017. Kuta, Bali, Indonesia.

August 2017: Course Director: How to write a manuscript and get it published. 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017. Kuta, Bali, Indonesia.

February 2018: Course Director, Practical Bronchoscopy for Intensivists. Sanamed Communications. Hermosillo, Mexico.

August 2018: Chairman of the Scientific Committee of the 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Bali, Indonesia.

August 2018: Course Director: How to write a manuscript and get it published. 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Bali, Indonesia.

October 2018: Moderator, Pulmonary Vascular Disease. American College of Chest Physicians congress, CHEST 2018. San Antonio, Texas.

October 2018: Course Director, Practical Bronchoscopy for Intensivists. Simposio Ecuatoriano de Cuidados Intensivos SECI 2018. Sociedad Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

June 2019: Course Director, Practical Bronchoscopy for Intensivists. Congreso Centroamericano y del Caribe de Medicina Critica y Terapia Intensiva. Guatemala city, Guatemala.

August 2019: Chairman of the Scientific Committee of the 26<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2019. Kuta, Bali, Indonesia.

August 2019: Course Director: How to write a manuscript and get it published. 26<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2019. Kuta, Bali, Indonesia.

September 2019: Course Director, Practical Bronchoscopy for Intensivists. Sociedad Peruana de Medicina Intensiva. Lima, Peru.

## Teaching Experience

Apr 1981	Participation in the Academic Personnel Training Course for Histology Professors. Department of Human Histology at The National University of México (UNAM) School of Medicine.
1981	Clinical Instructor at the chair of human anatomy at the National University of México School of Medicine (UNAM). Under professor Fernando Trigo, MD.
1982	Clinical Instructor at the chair of human anatomy at the National University of México School of Medicine (UNAM), under Guadalupe Nava, MD.
1983–1984	Honorary professor, at the chair of human anatomy. Under Dr. Nava. National, University of México (UNAM), México City.
1985	Honorary professor at the chair of Introduction to Clinical Sciences. General Hospital of México. México City (UNAM), México.
1986	Clinical Instructor at the chair of Cardiology. School of Physical medicine and Rehabilitation of the American British Cowdray hospital. México City, México.
1994–present	Advanced Cardiac Life Support (ACLS) Instructor. American Heart Association.
1994–1997	Assistant Professor of Anesthesiology, Critical Care and Medicine. The University of Texas M.D. Anderson Cancer Center, Houston, Texas.
1994–1997	Adjunct Assistant Professor of Medicine. Pulmonary & Critical Care Medicine Section, Department of Medicine, Baylor College of Medicine, Houston, Texas.
1994–1997	Program Director, Intensive Care Unit Lecture Series. The University of Texas M.D. Anderson Cancer Center.
1995–	Assistant Director, Emergency Medical Services Training Program. College of the Mainland, Texas City, Texas.
1997–1999	Assistant Professor of Medicine. Pulmonary and Critical Care Section. Baylor College of Medicine, Houston, Texas.
1999–2003	Associate Professor of Medicine. Pulmonary and Critical Care Section. Baylor College of Medicine, Houston, Texas.
1999–present	Professor of Medicine and Surgery. Universidad de Monterrey. Nuevo León, Mexico.
1999–present	Professor of Medicine. Universidad Autónoma de Tamaulipas School of Medicine. Tampico, Tamaulipas, Mexico
2003–present	Professor of Medicine. Universidad Autónoma de Baja California. Tijuana, Mexico.
2005–present	Professor of Medicine. Universidad Popular Autónoma del Estado de Puebla. Puebla, Mexico.
2005–2019	Clinical Professor of Medicine. The University of Texas Medical Branch, Galveston, Texas.
2006–present	Professor of Medicine, Universidad del Noreste, Tampico, Mexico.
2008–present	University ward teaching attending. Department of Medicine, Internal Medicine Program. The Methodist Hospital. Houston, Texas.
2008–present	Professor of Medicine. Universidad Autónoma de Chihuahua, Mexico.
2008–present	Professor of Medicine. Universidad Anahuac del Norte. Mexico DF, Mexico.
2011–present	Adjunct Professor of Medicine. Oceania University of Medicine. Apia, Samoa.

- 2013–present Professor of Medicine and Surgery. Universidad Autonoma de Queretaro. Queretaro, Mexico.
- 2013–present Professor of Medicine and Surgery. Benemerita Universidad Autonoma de Puebla. Puebla, Mexico.
- 2015–present Preceptor, General Internal Medicine Statewide Preceptorship Program, Texas Chapter of the American College of Physicians. Austin, TX.
- 2015 Director of Administration and Education. Promise Hospital of Houston. Houston, TX.
- 2016–present Director of Critical Care and Education. Pine Valley Hospital of Houston. Houston, TX.
- 2016–present Preceptor, Family Nurse Practitioner Program, Walden University. Minneapolis, MN.
- 2016–present Preceptor and Clinical Asst. Professor, Patient, Physicians, and Society. Department of Medicine, Baylor College of Medicine. Houston, TX.
- 2017–present Professor Emeritus (Medicine), Anahuac University, Cancun Campus.
- 2020–present Professor of Medicine. Caribbean Medical University. Curacao.

## Administrative Activities

- 1982–1984 Assistant Director, Medical services of the IX electoral district of the PRI. México City, México.
- 1985 Director, Medical Services of the IX electoral district of the PRI. México City, México.
- 1993 Membership Director, Greater Houston Society of Critical Care. Houston, Texas.
- 1994 Secretary Interim. Greater Houston Society of Critical Care. Houston, Texas.
- 1994 President-elect. Greater Houston Society of Critical Care. Houston, Texas.
- 1994–1997 Assistant Director, Surgical Intensive Care Unit. The University of Texas M.D. Anderson Cancer Center, Houston, Texas.
- 1994–1997 Assistant Director, Post Anesthesia Care Unit (PACU). The University of Texas M.D. Anderson Cancer Center, Houston, Texas.
- 1995–1996 President, Greater Houston Society of Critical Care Medicine.
- 1995–1997 Assistant Director, Respiratory Care Services. The University of Texas M.D. Anderson Cancer Center, Houston, Texas.
- 1996–1999 Advisory Board Member, Internal Medicine Section, Society of Critical Care Medicine.
- 1997–1998 President (re-elected), Greater Houston Society of Critical Care
- 1997–1999 Treasurer, HispanoAmerican Biomedical Association.
- 1997 Director, Surgical Intensive Care Unit. The University of Texas M.D. Anderson Cancer Center, Houston, Texas.
- 1997–2001 Research Director, Department of Emergency Services. The Methodist Hospital, Houston, Texas.
- 1999–2000 President (re-elected), Greater Houston Society of Critical Care. Houston, TX.
- 2000–present President, Dorrington Medical Associates, P.A., Houston, Texas.
- 2000–2001 President (re-elected), Greater Houston Society of Critical Care, Houston, TX

2001–2006	Honorary Co-Chairman, Physician’s Advisory Board. National Republican Congressional Committee.
2001–2002	President (re-elected), Greater Houston Society of Critical Care, Houston, Texas
2002–2005	President (re-elected), Greater Houston Society of Critical Care, Houston, Texas
2006–present	Program Director, Medically Complex Program. Select Specialty Hospital. Houston, Texas.
2006–2010	Medical Director, Merc Medical Corporation, Inc., Houston, Texas
2007–2009	Medical Director, Good Samaritan Home Health Care, Inc. Houston, Texas
2009–2010	Hospital International Liaison. St. Luke’s Episcopal Hospital. Houston, Texas
2010–2015	Medical Director, Cardiopulmonary Services, University General Hospital. Houston, Texas.
2010–2013	Medical Director, Alphamed Home Health Services. Houston, Texas.
2010–present	Member, Board of Directors, Indonesian Foundation of Critical Care Medicine and Nutrition. Jakarta, Indonesia.
2010–2011	Director, Department of Emergency Services. Acuity Hospital of Houston. Houston, Texas.
2010–present	Co-Chairman, Board of Directors. Comprehensive Research Associates, Inc. Bay Village, Ohio.
2010–2015	Chief of Critical Care Services, University General Hospital. Houston, Texas.
2011–present	Medical Director of Critical Care and Flight Services. Acute Medical Services, LLC. Houston, Texas.
2012–2013	Chief of Staff, University General Hospital. Houston, Texas.
2013–present	Associate Director, Event Response First Med, Inc. Houston, Texas.
2015	Director of Administration and Medical Education. Promise Hospital. Houston, TX.
2016	Chief of Critical Care Services, Foundation Surgical Hospital of Houston. Houston, Texas.
2016–2017	Director of Critical Care and Medical Education. Pine Valley Hospital. Houston, Texas.
2016	Medical Director, Cardiopulmonary Services, Foundation Surgical Hospital of Houston. Houston, Texas.
2016–2018	Medical Director, Pulmonary Services. Cornerstone Hospital. Houston, Texas.
2017–present	Chief of Critical Care Services, United Memorial Medical Center. Houston, Texas.
2018–present	Chairman of the Board, United General Hospital, Houston, Texas.
2019–present	Chief of Staff, United Memorial Medical Center. Houston, Texas.
2019–present	Chief of Staff and Chief of Critical Care Services, UMMC Providence Hospital of North Houston. Houston, Texas.
2019–present	Chief of Staff. United Memorial Medical Center Sugarland. Sugarland, Texas.

## Committees

1994–1996	Vice-Chairman, CPR Advisory Committee. The University of Texas, M.D. Anderson Cancer Center, Houston, Texas.
1994–1995	Nicardipine I.V. Educational Board. Wyeth-Ayerst Laboratories. Philadelphia, PA.
1996–1997	Co-Chairman, Surgical Intensive Care Unit Multidisciplinary Quality Improvement Committee. The University of Texas M.D. Anderson Cancer Center, Houston, Texas.

1996–1997	Antimicrobial Educational Board. Wyeth-Ayerst laboratories. Philadelphia, PA.
1996–1997	Internet Steering Committee, The University of Texas M.D. Anderson Cancer Center.
1996–1997	Specialty Review Awards Committee. Society of Critical Care Medicine, Anaheim, CA.
1998–2001	CCSAP/Comp Review Committee. Society of Critical Care Medicine, Anaheim, CA.
1998–2001	Electronic Communications Committee. Society of Critical Care Medicine, Anaheim, CA.
1998–2001	International Liaison Committee. Society of Critical Care Medicine, Anaheim, CA.
1998–2001	American College of Chest Physicians Consensus Committee: Management of spontaneous pneumothorax.
1999	Vice President, Scientific Committee: First International Congress on Critical Care Medicine in Internet.
2000–2001	Management utilization committee. The Methodist Hospital, Houston, Texas.
2000–2002	Quality assurance neuromuscular and skeletal committee. The Methodist Hospital, Houston, Texas.
2000–	Organization of nutritional support committee. Asio-Pacific Consensus on Critical Care Medicine, Bali, Indonesia.
2000–2002	Web oversight committee. American College of Chest Physicians.
2001– present	Co-Chairman, Physician Advisory Board, National Republican Congressional Committee.
2002–present	Electronic Communications Committee. Society of Critical Care Medicine, Chicago, IL.
2002–present	Organizing Committee. Asociación de Medicina de Urgencias del Noreste. Monterrey, Mexico.
2002–present	Hemorrhagic Shock Guidelines Consensus Committee. Asio Pacific Consensus on Critical Care. Nusa Dua, Bali, Indonesia.
2003–2005	Internal Medicine/Family Practice Record Screening Committee. St. Luke’s Episcopal Hospital, Houston, TX.
2003–2010	International Steering Committee. St. Luke’s Episcopal Hospital. Houston, TX
2004–2006	Endoscopic Laboratory Advisory Committee. St. Luke’s Episcopal Hospital. Houston, TX.
2004	Management of Community Acquired Respiratory Infections Consensus Committee. Texas Academy of Family Physicians.
2007–present	Hypertension Registry Steering Committee. University of Massachusetts Medical School, Center for Outcomes Research.
2007–2016	Medical Executive Committee. Select Specialty Hospital. Houston, Texas.
2009–2016	Organizational Improvement Committee. Select Specialty Hospital. Houston, TX.
2010–2011	Medical Executive Committee. Acuity Hospital of Houston. Houston, Texas.
2010–2016	Ethics Committee. Select Specialty Hospital. Houston, Texas.
2010–2013	Sedation Medical Staff Quality Management Subcommittee. The Methodist Hospital, Houston, Texas.
2011–2015	Medical Executive Committee. University General Hospital. Houston, Texas.
2016	Medical Executive Committee. Foundation Surgical Hospital of Houston. Houston, TX.
2013–present	Harris County Medical Society Health Information Technology Committee. Houston, Texas.

- 2018–present Board of Directors and Chairman of the Board, United General Hospital. Houston, TX.
- 2019–present Medical Executive Committee. United Memorial Medical Center. Houston, TX

## Grants

September 1990 Rocephin clinical Grant-in-Aid. Roche Laboratories. Research protocol: Ceftriaxone in lower respiratory infections. \$25,000.00 USD

March 1994 Healthdyne clinical grant. Research protocol: Effect of altitude on nasal CPAP. \$3,000.00 USD

May 1994 Bristol-Myers Squibb Company, Azactam Research grant. \$10,000.00 USD

December 1995 Bayer Pharmaceuticals. Research protocol: Use of antithrombin III in cancer patients with sepsis complicated with disseminated intravascular coagulopathy. \$35,000.00 USD

August 1996 Ross Laboratories. Research protocol: The effect of acidified enteral feeds on gastric colonization and nosocomial pneumonia in the critically ill patient. Per patient. \$38,000.00 USD

December 1996 Zeneca Pharmaceuticals. Research protocol: A multicenter, comparative, randomized trial to determine the overall safety and efficacy of 1% Diprivan vs. 2% Diprivan vs. Standard agents without disodium edetate for sedation of trauma, post-surgical or critically ill pediatric subjects. Per patient. \$150,000.00 USD

May 1997 Ross Laboratories. Protocol ID97-100: “BH11: Comparison of Option One and a Polymeric Enteral Feeding: Effect on Length of Stay and Clinical and Immune Parameters. Per patient. \$30,000.00 USD

March 2003 Aventis Laboratories. GOT: Glycemia optimization treatment. Per patient. \$15,000.00 USD

September 2006 TMC-CLV-06-02. The Medicines Company. Investigational New Drug Clevidipine. “Evaluation of the effect of ultrashort-acting clevidipine in the treatment of patients with severe hypertension” (VELOCITY trial). Per patient. \$250,000.00 USD

May 2007: STAT - Studying the Treatment of Acute Hypertension. Project #2785. The University of Massachusetts School of Medicine Center for Outcomes Research and St. Luke’s Episcopal Hospital. Per patient. \$60,000.00 USD

July 2008 Artisan Laboratories. ART-123: A Randomized, Double Blind, Placebo Controlled, Phase 2B Study to Assess the Safety and Efficacy Effects of Art-123 on Subjects with Sepsis and Disseminated Intravascular Coagulation. Per patient.



August 2008 EKR laboratories. CLUE- A phase IV Randomized Trial to Determine the Efficacy and Safety of Nicardipine versus Labetalol for Management of Hypertensive Emergencies in the Emergency Department Setting. Per patient \$65,000 USD.

November 2008 Friends of the World Foundation for Medical Research and Prevention. A New Method to Improve Diagnostic Techniques in Chronic Illnesses and to Identify Infectious Cofactors. \$500,000.00 USD

April 2009 Merck Laboratories. A randomized, double-blind, placebo controlled trial of caspofungin prophylaxis followed by pre-emptive therapy for invasive candidiasis in high-risk adults in the critical care setting. Per patient.

September 2009 Bristol-Myers Squibb & Pfizer protocol CV185036. ADOPT: Apixaban dosing to optimize protection from thrombosis - A phase 3 randomized, double-blind- parallel- group, multi-center study of the safety and efficacy of apixaban for prophylaxis of venous thromboembolism in acutely ill medical subjects during and following hospitalization. Per patient.

July 2010 ElectroCore, LLC Protocol BC-01. Neurostimulation for the Relief of Acute Bronchoconstriction. Per patient.

September 2011 Molnylycke Health Care AB Protocol MD11-001. An open-label study to assess the safety and efficacy of an active warming blanket used to maintain normothermia during the preoperative period in the prevention of hypothermia. Per patient. \$110,210.00

February 2014 Cerexa, Inc. Protocol P903-27. CAPTURE- Clinical assessment program and Teflaro utilization registry. A multicenter, retrospective cohort study to characterize the use of Teflaro. Per patient.

January 2015 Cubist Pharmaceuticals, Inc. A Multicenter, Prospective, Observational Study of Clinical and Economic Outcomes in Patients Treated with Fidaxomicin for Clostridium Difficile-Associated Diarrhea. The DISCOVER Registry. Protocol GMA-DIF-14-01. Per patient.

May 2020 Hope Biosciences Stem Cell Foundation. A Protocol HBCOVID-03: A Randomized, Placebo-Controlled, Double-Blind, Single Center, Efficacy and Safety Study of Allogeneic HB-adMSCs for the Treatment of COVID-10. Per patient.

May 2020 Ansum Biopharma; Protocol DAS-181-3-01: A Phase III, Randomized, Placebo-Controlled Study to Examine the Efficacy and Safety of DAS181 for the Treatment of COVID19. Per patient.

August 2020 Regeneron Pharmaceuticals. Protocol R10933-10987-COV-2066: A Master Protocol Assessing the Safety, Tolerability, and Efficacy of Anti-Spike (S) SARS-COV-2 Monoclonal Antibodies for the Treatment of Hospitalized Patients with COVID-19. Per patient.

## IRB-Approved Research Protocols

1. Protocol ANS/P96-013: "Use of Antithrombin III in Cancer Patients with Sepsis Complicated with Disseminated Intravascular Coagulopathy". Principal Investigator. Sponsored by Bayer Pharmaceuticals.
2. Protocol: "Resuscitation Desires of Health Care Personnel Working in a Cancer Center". Principal Investigator. Self-funded.
3. Protocol ANS 96-120: "The Effect of Acidified Enteral Feeds on Gastric Colonization and Nosocomial Pneumonia in the Critically Ill Patient". Principal Investigator. Sponsored by Abbott/Ross Laboratories.
4. Protocol: "Randomized, Placebo-Controlled Trial of E5 Antiendotoxin Monoclonal Antibody in Patients with Severe Sepsis". Co-Investigator. Sponsored by Pfizer Pharmaceuticals.
5. Protocol ANS 96-243 "A Multicenter, Comparative, Randomized Trial to Determine the Overall Safety and Efficacy of 1% Diprivan vs. 2% Diprivan vs. Standard Agents without Disodium Edetate for Sedation of Trauma, Post-Surgical or Critically Ill Pediatric Subjects", Principal Investigator. Sponsored by Zeneca Pharmaceuticals.
6. Protocol: "International Study of the Prevalence of Mechanical Ventilation. Principal Investigator. Self funded.
7. Protocol ID97-100: "BH11: Comparison of Option One and a Polymeric Enteral Feeding: Effect on Length of Stay and Clinical and Immune Parameters. Sponsored by Ross Laboratories.
8. Protocol: "Randomized, Double-Blind, Placebo-Controlled Study of the Safety, Tolerability, and Dose Finding of Intravenous Bayx3702 in Patients with Suspected Acute Ischemic Stroke (The BRAIN Study)". Co-Investigator.
9. Protocol: "Glycemia optimization treatment (GOT), HOB 901/4045 Insulin Glargine." Sponsored by Aventis Laboratories. Co-Investigator.
10. Protocol 20040101: "Resuscitation desires among health care providers: A multi-center study." Approved by Universidad de Monterrey IRB Committee. Principal Investigator
11. Protocol TMC-CLV-06-02. The Medicines Company. Investigational New Drug Clevidipine. "Evaluation of the effect of ultrashort-acting clevidipine in the treatment of patients with severe hypertension" (VELOCITY trial). Principal Investigator.
12. Protocol 2785: STAT - Studying the Treatment of Acute Hypertension. Project #2785. The University of Massachusetts School of Medicine Center for Outcomes Research and St. Luke's Episcopal Hospital. Principal Investigator.
13. Protocol 2896: "ART-123: A Randomized, Double Blind, Placebo Controlled, Phase 2B Study to Assess the Safety and Efficacy Effects of Art-123 on Subjects with Sepsis and Disseminated Intravascular Coagulation". Principal Investigator.
14. Protocol 2907: "CLUE- A phase IV Randomized Trial to Determine the Efficacy and Safety of Nicardipine versus Labetalol for Management of Hypertensive Emergencies in the Emergency Department Setting". Principal Investigator.
15. Protocol MSG-01: "A randomized, double-blind, placebo controlled trial of caspofungin prophylaxis followed by pre-emptive therapy for invasive candidiasis in high-risk adults in the critical care setting". Co-Investigator.
16. Protocol BRANY IRB 09-02-104-181. ADOPT: Apixaban dosing to optimize protection from thrombosis - A phase 3 randomized, double-blind- parallel-group, multi-center study of the

- safety and efficacy of apixaban for prophylaxis of venous thromboembolism in acutely ill medical subjects during and following hospitalization. Co-Investigator.
17. Protocol BRANY IRB # 10-02-121-258. Neurostimulation for the relief of acute bronchoconstriction. Principal investigator.
  18. Protocol MD11-011. Molnylycke Health Care AB: An open-label study to assess the safety and efficacy of an active warming blanket used to maintain normothermia during the preoperative period in the prevention of hypothermia. Gallatin IRB approved. Principal investigator.
  19. Protocol P903-27. Quorum Review IRB. Cerexa, Inc. CAPTURE- Clinical assessment program and Teflaro utilization registry. A multicenter, retrospective cohort study to characterize the use of Teflaro. Principal Investigator.
  20. Protocol 1152009. Western Institutional Review Board. Single Patient IND Treatment under Expanded Access of Antineoplaston Therapy Antineoplaston A10 (Atengenal) and AS2-1(Astugenal)) in a Patient with Newly Diagnosed Anaplastic Astrocytoma. Coinvestigator.
  21. Protocol GMA-DIF-1401: A Multicenter, Prospective, Observational Study of Clinical and Economic Outcomes in Patients Treated with Fidaxomicin for Clostridium Difficile-Associated Diarrhea. The DISCOVER Registry. Protocol GMA-DIF-14-01. Principal Investigator.
  22. Protocol HBCOVID-03: A Randomized, Placebo-Controlled, Double-Blind, Single Center, Efficacy and Safety Study of Allogeneic HB-adMSCs for the Treatment of COVID-10. Hope Biosciences Stem Cell Foundation. Principal Investigator.
  23. Protocol DAS-181-3-01: A Phase III, Randomized, Placebo-Controlled Study to Examine the Efficacy and Safety of DAS181 for the Treatment of COVID19. Ansum Biopharma. Co-Investigator.
  24. Protocol R10933-10987-COV-2066: A Master Protocol Assessing the Safety, Tolerability, and Efficacy of Anti-Spike (S) SARS-COV-2 Monoclonal Antibodies for the Treatment of Hospitalized Patients with COVID-19. Regeneron Pharmaceuticals. Principal Investigator.

## FDA- Investigational New Drug (IND) Approvals

December 2014:           IND 125139  
                                  Antineoplastons A10/AS2-1  
                                  Single patient participation. Anaplastic astrocytoma

## Patents

1. Pending Patent Application: U.S. Patent No. 12/294,156. Filed June 26, 2009. "Task tracking tool"

## Other Clinical Experience

1990–1991           Emergency Room physician. Stanford University Medical Center. Stanford, California.

1990–1991	Attending physician, Emergency Room. Palo Alto Veterans Administration Medical Center. Palo Alto, California.
1993–1994	Attending physician. Ben-Taub General Hospital & Harris County Hospital District Tuberculosis & Chest Clinics. Houston, Texas.
1995–2001	Attending staff physician. Emergency Services. The Methodist Hospital. Houston, Texas.
2007–2019	Attending physician. John Sealy Hospital and Texas Department of Corrections. Galveston, Texas.
2010–2015	Senior Consultant for International Health Services. World Citi Medical Center, Quezon City, Philippines.

### Journal Reviewer and Editorial Board Positions

1991–	The Journal of Emergency Medicine.(Reviewer)
1992–2001	Postgraduate Medicine. Member of the Editorial Board (Pulmonary)
1992–1995	Medical Software Reviews.(Reviewer)
1993–	Section Editor. Selected Topics -- Critical Care Medicine. The Journal of Emergency Medicine.
1993–1994	Member of the Manuscript Review Board of Hospital Physician (Internal Medicine Section).
1994–	Surgery. (Reviewer)
1994–	Member of the Manuscript Review Board of Hospital Physician (Critical Care Section).
1994–	Journal of General Internal Medicine. (Reviewer)
1995–	Neumología y Cirugía del Tórax. (International Editor)
1995–	Anaesthesia On-Line. International reviewer.
1995–	The Journal of Critical Illness. (Reviewer)
1995–	Anales Medicos. International reviewer.
1996–1997	Editor-in-chief. Anaesthesia On-Line. ISSN 1361-8245.
1996–1999	Internet Journal of Anesthesiology . Associate Editor. ISSN 1092-406X
1996–	Resuscitation. (Reviewer)
1996–1998	Editor-in-Chief. Internet Journal of Emergency and Intensive Care Medicine ISSN 1092-4051
1997–	Journal of Critical Care (Reviewer)
1997–2000	Editor-in-Chief Biomedicina
1997–	Chest (Reviewer)
1998–	Journal of Intensive Care Medicine (Reviewer)
1998–	Journal of the American Medical Association (Reviewer)
1998–	Resuscitation. Member of the Editorial Board.
1999–2004	Chest. Member of the Editorial Board
2001–	Critical Care and Shock. Member of the Editorial Board.

2001–2005 Critical Care and Shock, Section editor -Evidence Based Medicine  
2002– American Journal of Cardiovascular Drugs (Reviewer)  
2002– The Journal of Respiratory Diseases (Reviewer)  
2003– Physicians & Patients. Member of the Editorial Board.  
2003– Medicina Intensiva. Member of the Editorial Board. (ISSN 0210-5697)  
2003– Consultant (Reviewer)  
2004– Critical Care (Reviewer)  
2004– Toxicology Letters (Reviewer)  
2004–2005 Critical Care and Shock - Associate Editor  
2004– Primary Care Reports (Reviewer)  
2004– Internal Medicine Alerts. Member of the Editorial Board.  
2005– Current Respiratory Medicine Reviews. Member of the Editorial Board (ISSN 1573-398X)  
2005– Critical Care Medicine. (Reviewer)  
2005– Current Respiratory Medicine Reviews. Editor-In-Chief (ISSN 1573-398X)  
2005– Critical Care & Shock. Editor-in-Chief (ISSN 1410-7767)  
2005–2010 The American Journal of Emergency Medicine. (Member of the Editorial Board)  
2005– Journal of Applied Research and Technology. (Reviewer)  
2007– Journal of Clinical Anesthesia. (Reviewer)  
2007– Journal of Geriatric Cardiology. (Reviewer and Guest Editor)  
2007– Journal of Medical Case Reports. (Reviewer)  
2008– Expert Opinion on Investigational Drugs. (Reviewer)  
2008– Intensive Care Medicine (Reviewer)  
2008– Expert Opinion on Pharmacotherapy. (Reviewer)  
2008– Open Access Emergency Medicine (Member of the Editorial Board)  
2008– Archives of Pediatrics and Adolescent Medicine (Reviewer)  
2008– Computer Methods and Programs in Biomedicine (Reviewer)  
2008– European Journal of Clinical Investigation (Reviewer)  
2008– Postgraduate Medicine (Member of the Editorial Board).  
2009– Clinical Medicine: Therapeutics (Reviewer)  
2009– Acute Cardiac Care (Reviewer)  
2009– Hypertension Research (Reviewer)  
2009– Biomedical Engineering OnLine (Reviewer)  
2009– Vascular Health and Risk Management (Reviewer)  
2009– Anaesthesia and Intensive Care (Reviewer)  
2009– The American Journal of the Medical Sciences (Reviewer)  
2010– The Journal of the Royal College of Physicians of Edinburgh (Reviewer)  
2010– The American Journal of Emergency Medicine. (Senior Editorial Consultant).  
2011– Medicina Critica (Member of the International Editorial Board)  
2011– The American Journal of the Medical Sciences (Reviewer)  
2011– Medicina Universitaria (International Editor)  
2012– Clinical and Applied Thrombosis/Hemostasis (Reviewer)  
2013– European Journal of Emergency Medicine (Reviewer)  
2015– Journal of Acute Disease (Member of the Editorial Board)  
2015– Therapeutic Hypothermia and Temperature Management (Reviewer)  
2015– Journal of Hypertension: Open Access (Reviewer)

2015–	BMJ Case Reports (Reviewer)
2015–	International Medical Journal of Sifa University (International Editor)
2016–	Journal of Obstetrics and Gynaecology (Reviewer)
2017–	Pediatrics (Reviewer)
2017–	World Nutrition Journal (Associate Editor)
2017–	Journal of Sleep Disorders and Medical Care (Reviewer)
2018–	Emergency Medicine Journal (Reviewer)
2018–	DeBakey Heart Journal (Reviewer)
2018–	Annals of Hypertension (Editorial Board member)
2018–	BMJ Open (Reviewer)
2018–	Case Reports in Neurological Medicine (Reviewer)
2019–	Therapeutics and Clinical Risk Management (Reviewer)
2019–	New England Journal of Medicine (Reviewer)

## Membership in Professional Societies

1983–1989	Sociedad Mexicana de Anatomía (Mexican Anatomy Society), active member.
1984–1986	New York Academy of Sciences, active member.
1988–1989	American Association for the Advancement of the Science
1989–1994	American Society of Internal Medicine, active member.
1989–1990	District of Columbia Society of Internal Medicine.
1989–1991	California Society of Internal Medicine, active member.
1989–1992	American College of Physicians, affiliate member.
1990–1991	Society of General Internal Medicine, active member.
1990–1999	American Medical Association, active member.
1991–1994	American College of Chest Physicians, affiliate member.
1991–1999	Texas Society of Internal Medicine, active member.
1992–present	Society of Critical Care Medicine, member.
1992–present	American College of Physicians, active member.
1992–2002	Houston Society of Emergency Physicians, active member.
1992–	American College of Angiology, Fellow.
1993–present	Greater Houston Society of Critical Care, member.
1994–present	Harris County Medical Society, member.
1994–1995	Houston Medico-Legal Society, member.
1994–present	Sociedad Mexicana de Neumología y Cirugía de Tórax, Active member.
1995–present	Texas Medical Association. Active member.
1996–present	American College of Physicians, Fellow.
1997–present	American College of Chest Physicians, Fellow.
1997–present	HispanoAmerican Biomedical Association, Member.
1997–present	Asociación Latinoamericana del Tórax, Member.
1998–present	Society of Critical Care Medicine, Fellow.
2004–present	American Academy of Sleep Medicine, Member.
2005–present	European Resuscitation Council, Member.

## National and International Invited Lectures

September 1983: "Importance of the study of anatomy in the medical practice". Presented at the first national meeting of Morphology Students, Puebla, México.

November 1985: "Anatomy, an historical flash turned into surgery". Presented at the VI National Meeting of Morphology. Cuernavaca, México.

July 1986: "Development of a technology for a qualitative and quantitative definition of human resources in the health care". Presented at the First Social Service research seminar. México City, México.

August 1990: "Predictors of outcome in the intensive care units". Presented International Educational Program for MSD Professional Representatives, Campbell, CA.

September 1990: "Nosocomial infections in the ICU". Palo Alto VA Medical Center. Palo Alto, CA.

October 1992: "Assessment of critical care in the emergency department". Presented at the 58th Annual Scientific Assembly of the American College of Chest Physicians. Chicago, IL.

October 1992: "Resuscitation desires of physicians at various levels of training". Presented at the 58th Annual Scientific Assembly of the American College of Chest Physicians. Chicago, IL.

January 1993: "Infections in the ICU". Miles Hospital Divisional Conferences. Houston, TX.

May 1993: "PFT's: What the ABIM wants you to know". Medical education program for Internal Medicine Residents. Ben-Taub General Hospital, Houston, TX.

June 1993: "Influence of age on survival for in-hospital cardiac arrest". Presented at the 22nd Educational and Scientific Symposium of the Society of Critical Care Medicine. New York, NY.

June 1993: "Feasibility of automatic external defibrillation by untrained lay rescuers". Presented at the 22nd Educational and Scientific Symposium of the Society of Critical Care Medicine. New York, NY.

June 1993: "Substantial survival from non-ventricular fibrillation presenting rhythms in in-hospital cardiac arrests". Presented at the 22nd Educational and Scientific Symposium of the Society of Critical Care Medicine. New York, NY.

July 1993: "Community-acquired pneumonia". Presented at the Ripley Clinic noon conference series. Houston, TX.

August 1993: "Community-acquired pneumonia". Presented at the Strawberry Clinic noon conference series. Houston, TX.

August 1993: "Predictors of outcome in the ICU". Presented at St. Joseph's Hospital Medicine Grand Rounds. Houston, TX. Sponsored by Miles.

October 1993: "Predictors of outcome in the ICU". Presented at the Veterans Affairs Medical Center Internal Medicine residents conference series. Houston, TX.

October 1993: "Does age influence resuscitation time in cardiac arrest?" Presented at the 59th Annual Scientific Assembly of the American College of Chest Physicians. Orlando, FL.

October 1993: "Cardiac arrest in the elderly: Survival to hospital discharge". Presented at the 59th Annual Scientific Assembly of the American College of Chest Physicians. Orlando, FL.

October 1993: "Automatic external vs. blind manual defibrillation: By untrained lay rescuers". Presented at the 59th Annual Scientific Assembly of the American College of Chest Physicians. Orlando, FL.

October 1993: "Cardiopulmonary Resuscitation: New and Controversial Techniques". Presented at the Jornadas Augusto Pi-Sunyer of the Instituto de Medicina Experimental, Escuela de Medicina of the Universidad Central de Venezuela. Sponsored by the Instituto de Medicina Experimental. Caracas, Venezuela.

December 1993: "Designer Drugs: Recognizing and Managing their Toxic Effects". Presented at the Critical Care Symposium of St. Joseph's Hospital. Houston, TX.

December 1993: "Drug Abuse: Trends for the 1990s". Presented at the Joint Medical/Surgical Conference Series of St. Joseph Hospital. Houston, TX.

January 1994: "Outcome Prediction in Surgical Critically-Ill Patients". Presented at the Department of Surgery Grand Rounds. Baylor College of Medicine and Veterans Affairs Medical Center. Houston, TX.

February 1994: "Use and Abuse of Sedation and Paralysis in Critically Ill Patients". Presented at the Joint Medical/Surgical Conference Series of St. Joseph's Hospital.

February 1994: "Neuromuscular blockers and sedation: What every physician, house officer and nurse should know" Presented at the Critical Care Symposium of St. Joseph's Hospital. Houston, TX.

May 1994: "Outcome of MICU patients: Emergency Room vs. Non-Emergency Room origin". Presented at the 1994 American Lung Association/American Thoracic Society international conference. Boston, MA.

May 1994: "Learning fiberoptic bronchoscopy: Complication Rates". Presented at the 1994 American Lung Association/American Thoracic Society international conference. Boston, MA.

May 1994: "Plasma neurotransmitters, blood pressure and heart rate during rest and exercise". Presented at the 1994 American Lung Association/American Thoracic Society international conference. Boston, MA.

May 1994: "Plasma catecholamines and indolamines during exacerbations and remissions of bronchial asthma: Possible role of stress". Presented at the 1994 American Lung Association/American Thoracic Society international conference. Boston, MA.



June 1994: "Cardiopulmonary resuscitation: Lessons from the past". Presented at the Greater Houston Society of Critical Care. Houston, TX.

August 1994: "Practical approach to hypertensive crises". Presented at the Medico-Surgical Grand Rounds of St. Joseph's Hospital, Houston, TX.

September 1994: "Manifestations and treatment of uncontrolled hypertension". Presented at San Antonio Regional Hospital. San Antonio, TX.

October 1994: "Prevalence of patient-ventilator asynchrony in critically ill patients". Presented at the 60th Annual Scientific Assembly of the American College of Chest Physicians. New Orleans, LA.

October 1994: "Prediction of nCPAP delivered pressure at altitude". Presented at the 60th Annual Scientific Assembly of the American College of Chest Physicians. New Orleans, LA.

October 1994: "Outcome of patients admitted to a "low selective" chronic ventilator dependency unit". Presented at the 60th Annual Scientific Assembly of the American College of Chest Physicians. New Orleans, LA.

October 1994: "Fiberoptic bronchoscopy diagnostic yield of various procedures in a training program". Presented at the 60th Annual Scientific Assembly of the American College of Chest Physicians. New Orleans, LA.

October 1994: "Thrombolysis for massive pulmonary embolism during pregnancy". Presented at the 60th Annual Scientific Assembly of the American College of Chest Physicians. New Orleans, LA.

November 1994: "Practical approach to hypertensive crises". Presented at the San Antonio Chapter of the American College of Critical Care Nurses and The University of Texas Health Sciences Center San Antonio. San Antonio, TX.

November 1994: "Management of hypertensive crises". Presented at the department of Emergency Grand Rounds of The Cleveland Clinic Foundation. Cleveland, OH.

January 1995: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Department of Anesthesiology and Critical Care Grand Rounds of The University of Texas MD Anderson Cancer Center. Houston, TX.

January 1995: "Risk and complications of acute isovolemic hemodilution". Presented at the Division of Surgery, Critical Care Grand Rounds of The University of Texas MD Anderson Cancer Center. Houston, TX.

January 1995: "Neurological outcomes following cardiopulmonary resuscitation". Presented at the Department of Neurology and Neurosurgery of The University of Texas Health Sciences Center Houston, TX.

February 1995: "Cardiopulmonary resuscitation: Techniques and controversies". Presented at the Department of Intensive Care Medicine of the American British Cowdray Hospital. Mexico City, Mexico.

March 1995: "Prediction of nCPAP delivered pressure at altitude". Presented at the XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

March 1995: "Non-infectious complications of AIDS". Presented at the XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

March 1995: "Interactive symposium on bronchial asthma". Presented at the XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

March 1995: "History and controversies of cardiopulmonary resuscitation". Presented at the XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

March 1995: "The critically-ill cancer patient: Management in the ICU". Presented at the XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

March 1995: "Meet the professor: Clinical cases". Presented at the XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

April 1995: "Management of acute exacerbations of obstructive lung disease". Presented at the Medical Grand Rounds of the Instituto Nacional de Enfermedades Respiratorias. Mexico City, Mexico.

April 1995: "Cardiopulmonary resuscitation: Past, present & future". Presented at the Department of Intensive Care Medicine Lecture Series of the American British Cowdray Hospital. Mexico City, Mexico.

May 1995: "Abdominal counterpulsation cardiopulmonary resuscitation techniques". Presented at the Department of Intensive Care Medicine Grand Rounds of the American British Cowdray Hospital. Mexico City, Mexico.

May 1995: "Exacerbations of obstructive lung disease: What to do when time is crucial". Presented at the Department of Medicine Grand Rounds of L. B. Johnson Hospital. Houston, TX.

May 1995: "Research in critical care". Presented at the Satellite Meeting of the Sociedad Mexicana de Neumología y Cirugía del Tórax and the Instituto Nacional de Enfermedades Respiratorias. Vancouver, BC, Canada.

July 1995: "Non-invasive mechanical ventilation". Presented at the Division of Surgery Critical Care Grand Rounds of The University of Texas M.D. Anderson Cancer Center, Houston, TX.

August 1995: "Management of the agitated patient in the ICU". Presented at the Panhandle Society of Hospital Pharmacists monthly meeting. Amarillo, Texas.

September 1995: "Management of postoperative hypertensive crises". Presented at the Department of Surgery Grand Rounds Baylor College of Medicine, Houston, TX.

October 1995: "A new analysis of weaning parameters: The importance of the VD/VT." Presented at the 61st Annual Scientific Assembly of the American College of Chest Physicians. New York, NY.

November 1995: "Critical care management of the cancer patient". Presented at the Fourth International Congress of the Dominican Republic Society of Pulmonary Medicine and Thoracic Surgery. Santo Domingo, Dominican Republic.

November 1995: "History and controversies of cardiopulmonary resuscitation". Presented at the Fourth International Congress of the Dominican Republic Society of Pulmonary Medicine and Thoracic Surgery. Santo Domingo, Dominican Republic.

November 1995: "Non-infectious pulmonary complications of AIDS". Presented at the Fourth International Congress of the Dominican Republic Society of Pulmonary Medicine and Thoracic Surgery. Santo Domingo, Dominican Republic.

February 1996: "Outcome of cancer patients in a surgical intensive care unit". Presented at Society of Critical Care Medicine 25th Educational and Scientific Symposium, New Orleans, LA.

February 1996: "Non-invasive mechanical ventilation in acute respiratory failure: Preliminary results of a multi-institutional study". Presented at Society of Critical Care Medicine 25th Educational and Scientific Symposium, New Orleans, LA.

February 1996: "Should a cancer patient be resuscitated following an in-hospital cardiac arrest?" Presented at Society of Critical Care Medicine 25th Educational and Scientific Symposium, New Orleans, LA.

February 1996: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Greater Houston Society of Critical Care, Houston, TX.

March 1996: "Acute exacerbations of obstructive lung disease: What to do when time is crucial". Presented at the Queen Mary Hospital's Department of Anesthesiology and Critical Care Grand Rounds, University of Hong Kong. Hong Kong.

March 1996: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Queen Mary Hospital's Grand Rounds, University of Hong Kong. Hong Kong.

May 1996: "Noninvasive mechanical ventilation in cancer patients with acute respiratory failure". Presented at the 1996 International Conference of the American Thoracic Society. New Orleans, LA.

May 1996: "Tracheostomy adapter for regular bronchoscope in critically ill patients". Presented at the 1996 International Conference of the American Thoracic Society. New Orleans, LA.

July 1996: "Use and abuse of sedation in critically ill patients". Presented at the Pulmonary and Critical Care Medicine Grand Rounds at Louisiana State University Medical School. New Orleans, LA.

July 1996: "Sedation in the critical care setting". Presented at the Multi disciplinary Grand Rounds of Mission Hospital. McAllen, TX.

August 1996: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Department of Pulmonary and Critical Care Grand Rounds of The University of Texas Health Science Center. San Antonio, TX.

August 1996: "Fungal infections in critically ill patients". Presented at the Department of Medicine, Ben Taub General Hospital Grand Rounds, Houston, TX.

September 1996: "Cardiac and hypertensive emergencies". Presented at the Department of Surgery Grand Rounds, Ben Taub General Hospital, Houston, TX.

September 1996: "Use and abuse of sedation in the ICU". Presented at the Department of Surgery Grand Rounds of Wilford Hall Medical Center, San Antonio, TX.

October 1996: "Sepsis: Predictors of outcome". Presented at Bayshore Medical Center Grand Rounds, Pasadena, TX.

October 1996: "Hypertensive crises". Presented at Texas Heart Institute/St. Luke's Episcopal Hospital department of Anesthesiology Grand Rounds, Houston, TX.

October 1996: "The influence of do-not-resuscitate orders on care provided for patients in the surgical intensive care unit of a cancer center". Presented at the American College of Chest Physicians 1996 Chest Meeting, San Francisco, CA.

October 1996: "Incidence of major drug interactions and associated adverse drug events in a surgical intensive care unit". Presented at the American College of Chest Physicians 1996 Chest Meeting, San Francisco, CA.

October 1996: "Charges pre and post do-not-resuscitate orders and outcome in critically ill cancer patients". Presented at the American College of Chest Physicians 1996 Chest Meeting, San Francisco, CA.

December 1996: "Use and abuse of neuromuscular blocking agents". Presented at the annual meeting of the American Association of Critical Care Nurses, Gulfcoast Chapter, Houston, TX.

January 1997: "Controversies in cardiopulmonary resuscitation". Presented at the Department of Surgery Grand Rounds of Brooke Army Medical Center, San Antonio, TX.

February 1997: "ICU charges and DNR orders in critically ill cancer patients". Presented at the Society of Critical Care Medicine 26th Educational and Scientific Symposium, San Diego, CA.

February 1997: "Feasibility of non-invasive mechanical ventilation in the management of cancer patients with acute respiratory failure". Presented at the Society of Critical Care Medicine 26th Educational and Scientific Symposium, San Diego, CA.

March 1997: "Pneumonia and aspiration pneumonitis". Presented at the CCRN Preparation Course of the University of Texas M.D. Anderson Cancer Center, Houston, TX.

May 1997: "Cardiopulmonary resuscitation: Past, present and future". Presented at the monthly meeting of the American Association of Critical Care Nurses, Gulfcoast Chapter, Houston, TX.

May 1997: "Lung cancer: Chemotherapy and surgical options in the 1990s". Presented at the Texas Medical Association Annual Meeting. Houston, TX.

May 1997: "Mortality differences between acute lung injury and the acute respiratory distress syndrome". Presented at the 1997 International Conference of The American Thoracic Society. San Francisco, CA.

May 1997: "Cardiopulmonary resuscitation views of health care providers working at a major cancer center". Presented at the 1997 International Conference of The American Thoracic Society. San Francisco, CA.

May 1997: "Non-invasive mechanical ventilation: Its role in 1997". Presented at the "IX Curso de Asistencia Ventilatoria y Cuidados Intensivos Respiratorios" at the American British Cowdray Hospital, Mexico City, Mexico.

May 1997: "Postoperative management of patients with major chest wall resections". Presented at the "IX Curso de Asistencia Ventilatoria y Cuidados Intensivos Respiratorios" at the American British Cowdray Hospital, Mexico City, Mexico.

June 1997: "Antibiotics in critical care". Presented at the "VIII Congreso Nacional de Medicina del Enfermo en Estado Crítico", Oaxaca, Mexico.

June 1997: "Sepsis". Presented at the "VIII Congreso Nacional de Medicina del Enfermo en Estado Crítico", Oaxaca, Mexico.

July 1997: "Intra-abdominal sepsis". Presented at the Department of Emergency Medicine Grand Rounds, Wilford Hall Medical Center, San Antonio, TX.

July 1997: "Clinical cases in critical care medicine". Presented at the Department of Medicine Grand Rounds, University Hospital, San Antonio, TX.

September 1997: "Fungal infections in hospitalized patients". Presented at the Department of Pulmonary Medicine Grand Rounds of The University of Miami/Mount Sinai Hospital, Miami Beach, FL.

September 1997: "Fungal infections in the hospitalized patient: Risk factors and rationale for presumptive therapy". Presented at the Department of Anesthesiology and Trauma Critical Care of Ryder Trauma Hospital/Jackson Memorial Hospital, Miami, FL.

October 1997: "Controversies in the use of pulmonary artery catheterization: Death by pulmonary artery catheterization". Presented at the Simposio Internacional "Controversias en Terapia Intensiva of the Asociación de Medicina Crítica y Terapia Intensiva del Noreste, A.C.. Monterrey, Mexico.

October 1997: "The use of colloids in ARDS: Evidence against their use." Presented at the Simposio Internacional "Controversias en Terapia Intensiva of the Asociación de Medicina Crítica y Terapia Intensiva del Noreste, A.C.. Monterrey, Mexico.

October 1997: "Predictors of outcome in the ICU: Should we use them?" Presented at the Simposio Internacional "Controversias en Terapia Intensiva of the Asociación de Medicina Crítica y Terapia Intensiva del Noreste, A.C.. Monterrey, Mexico.

October 1997: "New antibiotics in critical care medicine". Presented at the Columbia North Houston grand rounds. Houston, TX.

October 1997: "Sedation in the ICU". Presented at the 1997 Clinical Congress of Diseases of the Chest (Chest 1997). New Orleans, LA.

February 1998: "Physicians preferences with regards to the limitation and withdrawal of life support and active euthanasia". Presented at the 27<sup>th</sup> Educational and Scientific Symposium of the Society of Critical Care Medicine, San Antonio, TX.

March 1998: "Non-invasive mechanical ventilation: The basics". Presented at the XXXI Reunión Nacional Sociedad Mexicana de Neumología y Cirugía del Tórax". Morelia, Mexico.

March 1998: "Cardiopulmonary resuscitation in the XXI century". Presented at the XXXI Reunión Nacional Sociedad Mexicana de Neumología y Cirugía del Tórax". Morelia, Mexico.

May 1998: "Selected cases in critical care medicine". Presented at the Department of Critical Care Grand Rounds, St. Vincent's Hospital, Worcester, MA.

May 1998: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Department of Critical Care Grand Rounds, St. Vincent's Hospital, Worcester, MA.

May 1998: "Issues and controversies in CPR". Presented at the Department of Anesthesiology and Critical Care, University of Massachusetts, Worcester, MA.

July 1998: "Acute management of migraine in the emergency department". Presented at the Texas Academy of Family Physicians monthly meeting, Houston, TX.

August 1998: "Controversies in sedation of critically ill patients". Presented at the Department of Medicine Grand Round of the University of Rochester Medical Center, Rochester, NY.

August 1998: "What is new in cardiopulmonary resuscitation?" Presented at the Department of Critical Care Grand Round of the University of Rochester Medical Center, Rochester, NY.

September 1998: "Non-invasive mechanical ventilation in 1998". Presented at the IX Congreso de la Asociación de Medicina Crítica. Acapulco, Mexico.

September 1998: "Cardiopulmonary resuscitation: Past and present". Presented at the Primer Simposio Internacional Medicina Crítica Hoy del Colegio de Medicina Critica y Terapia Intensiva de Yucatán. Merida, Mexico.

September 1998: "Aortic aneurysms". Presented at the Primer Simposio Internacional Medicina Crítica Hoy del Colegio de Medicina Critica y Terapia Intensiva de Yucatán. Merida, Mexico.

September 1998: "Aeromedical transport" .Presented at the Primer Simposio Internacional Medicina Crítica Hoy del Colegio de Medicina Critica y Terapia Intensiva de Yucatán. Merida, Mexico.

September 1998: "Congestive heart failure in the ICU". Presented at the Primer Simposio Internacional Medicina Crítica Hoy del Colegio de Medicina Critica y Terapia Intensiva de Yucatán. Merida, Mexico.

September 1998: "Cardiomyopathies in the ICU". Presented at the Primer Simposio Internacional Medicina Crítica Hoy del Colegio de Medicina Critica y Terapia Intensiva de Yucatán. Merida, Mexico.

October 1998: "Antibiotic use in critical care" .Presented at the department of pulmonary Medicine monthly meeting of Baptist Hospital, Montgomery, Alabama.

October 1998: "Cardiac electrophysiology and critical care". Presented at the Texas Southern University College of Pharmacy. Houston, TX.

-October 1998: "What is old and new in antibiotic therapy in critical care?" Presented at the Department of Medicine, Baylor University, Dallas, TX.

November 1998: "Pneumonia and antibiotic selection in critically ill patients". Presented at the combined meeting of the Department of Pulmonary Medicine of the University of Texas at San Antonio and Wilford Hall Hospital. San Antonio, TX.

November 1998: "Patterns of pulmonary artery catheter utilization: An internet-based survey." Presented at the American College of Chest Physicians Meeting: Chest 1998: Toronto, Canada.

November 1998: "Critical illness at mass gatherings are uncommon events." Presented at the American College of Chest Physicians Meeting: Chest 1998: Toronto, Canada.

November 1998: "Sedation in the critically ill patient." Presented at the satellite symposium of Presented at the American College of Chest Physicians Meeting: Chest 1998: Toronto, Canada.

February 1999: "Use of vasopressin in cardiopulmonary resuscitation and shock". Presented at the meeting of the Colegio de Terapia Intensiva de Yucatan., Merida, Yucatan, Mexico.

April 1999: "Tissue oxygenation parameters and tonometry". Presented at the Primer Simposio de Choque, Universidad de Tamaulipas, Tampico, Tamaulipas, Mexico.

April 1999: "Cardiopulmonary Resuscitation: Past, present and future". Presented at Grand Round of the PEMEX General Hospital, Tampico, Mexico.

April 1999: "Non-invasive mechanical ventilation in 1999". Presented at the Critical Care Grand Rounds, Universidad de Tamaulipas, Tampico, Tamaulipas, Mexico

June 1999: "Practical interpretation of chest radiographs in the ICU". Presented at the VI Congreso Panamericano Iberico de Medicina Critica y Terapia Intensiva. Quito, Ecuador.

June 1999: "Use and abuse of sedation in critically ill patients". Presented at the VI Congreso Panamericano Iberico de Medicina Critica y Terapia Intensiva. Quito, Ecuador.

June 1999: "Designer drugs: Recognizing and managing their side effects". Presented at the VI Congreso Panamericano Iberico de Medicina Critica y Terapia Intensiva. Quito, Ecuador.

June 1999: "Cardiopulmonary resuscitation: Past, present and future." Presented at the VI Congreso Panamericano Iberico de Medicina Critica y Terapia Intensiva. Quito, Ecuador.

-July 1999: "Non-invasive mechanical ventilation in the Emergency department". Presented at the Symposium Emergencias del Año 2000 of the Hospital San José and Tec de Monterrey in Monterrey, Mexico.

July 1999: "Cardiopulmonary resuscitation: Present therapy and future directions". Presented at the Symposium Emergencias del Año 2000 of the Hospital San José and Tec de Monterrey in Monterrey, Mexico.

July 1999: "Hypertensive crises: Diagnosis and management". Presented at the Symposium Emergencias del Año 2000 of the Hospital San José and Tec de Monterrey in Monterrey, Mexico.

August 1999: "Critical care case scenarios: The sequel". Presented at the monthly meeting of the Greater Houston Society of Critical Care. Houston, TX.

August 1999: "Hemodynamic interactions in sepsis". Presented at the V Congreso de la Asociación Nacional de Neumólogos de la Seguridad Social, A.C., Monterrey, Mexico.

September 1999: "Preoperative pulmonary evaluation of surgical patients". Presented at the Jornadas Conmemorativas XXXIV Hospital Regional de Ciudad Madero, Ciudad, Madero, Tamaulipas, Mexico.

September 1999: "Prevention and management of complications in the multiple trauma patient". Presented at the Jornadas Conmemorativas XXXIV Hospital Regional de Ciudad Madero, Ciudad, Madero, Tamaulipas, Mexico.



September 1999: "Evaluation of high risk surgical patients". Presented at the Jornadas Conmemorativas XXXIV Hospital Regional de Ciudad Madero, Ciudad, Madero, Tamaulipas, Mexico.

September 1999: "Use of vasopressin in cardiopulmonary resuscitation and septic shock". Presented at the Congreso Internacional de Sepsis. Monterrey, México.

September 1999: "Epidemiology and clinical studies in sepsis". Presented at the Congreso Internacional de Sepsis. Monterrey, México.

September 1999: "HIV in the ICU". Presented at the Congreso Internacional de Sepsis. Monterrey, México.

October 1999: "Cardiopulmonary resuscitation: Past, present and future". Presented at the I Reunión del Atlantico. La Medicina Intensiva en el Año 2000. Oviedo, Spain.

October 1999: "Use and abuse of sedation in the ICU". Presented at the I Reunión del Atlantico. La Medicina Intensiva en el Año 2000. Oviedo, Spain.

October 1999: "Management of the agitated patient in the ICU". Presented at the Critical Care Ground Rounds of the Hospital Universitario de Getafe, Madrid, Spain.

October 1999: "CPR: Controversies and recommendations". Presented at the II Joint Symposium of the Mexican Society of Critical Care Medicine and the Society of Critical Care Medicine. Acapulco, Mexico.

October 1999: "Subarachnoid hemorrhage and triple therapy: Reasons not to use it!" Presented at the II Joint Symposium of the Mexican Society of Critical Care Medicine and the Society of Critical Care Medicine. Acapulco, Mexico.

October 1999: "Clinical cases in pulmonary medicine". Presented at the II Joint Symposium of the Mexican Society of Critical Care Medicine and the Society of Critical Care Medicine. Acapulco, Mexico.

November 1999: "Prevalence of asthma at mass gatherings". Presented at the 65<sup>th</sup> Annual and Scientific Symposium of the American College of Chest Physicians. Chicago, IL.

November 1999: "Antibiotic resistance and therapy in critically ill patients". Presented at the Department of Medicine Grand Rounds of St. Elizabeth Hospital, Beaumont, TX.

November 1999: "Clinical cases in critical care". Presented at the Department of Medicine meeting of St. Mary's Hospital, Port Arthur, TX.

February 2000: "Sepsis and antibiotic utilization the acute care setting". Presented at the Department of Medicine Grand Round of Diagnostic Clinic of Houston. Houston, TX.

March 2000: "Status epilepticus". Presented at the 38<sup>th</sup> Annual Symposium on Critical Care, Trauma and Emergency Medicine of the University of Southern California and the Institute of Critical Care Medicine, Las Vegas, NV.

March 2000: "Primary and secondary pulmonary hypertension". Presented at the 38<sup>th</sup> Annual Symposium on Critical Care, Trauma and Emergency Medicine of the University of Southern California and the Institute of Critical Care Medicine, Las Vegas, NV.

March 2000: "End of life issues Ethics". Presented at the 38<sup>th</sup> Annual Symposium on Critical Care, Trauma and Emergency Medicine of the University of Southern California and the Institute of Critical Care Medicine, Las Vegas, NV.

March 2000: "Status asthmaticus". Presented at the 38<sup>th</sup> Annual Symposium on Critical Care, Trauma and Emergency Medicine of the University of Southern California and the Institute of Critical Care Medicine, Las Vegas, NV.

March 2000: "Abuse of sedation and muscle relaxants". Presented at the 20<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2000: "Managing accidental hypothermia". Presented at the 20<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2000: "Pressure-volume curves: Use or abuse?". Presented at the 20<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2000: "Cardiopulmonary resuscitation: From the Bible to 2000". Presented at the 20<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

April 2000: "Resuscitation in the year 2000". Presented at the Annual Meeting of the Moynihan Chirurgical Club, Houston, TX.

August 2000: "Emergency Medicine; Past, present and future". Presented at the Meeting of the Asociación de Medicina de Urgencias del Noreste A.C., Monterrey, Mexico.

August 2000: "Infection control in the ICU". Presented at the 7<sup>th</sup> Indonesian International Symposium on Shock and Critical Care, Bali, Indonesia.

August 2000: "Cardiopulmonary resuscitation: Update 2000". Presented at the 7<sup>th</sup> Indonesian International Symposium on Shock and Critical Care, Bali, Indonesia.

August 2000: "Antibiotic resistance in critical care". Presented at the 7<sup>th</sup> Indonesian International Symposium on Shock and Critical Care, Bali, Indonesia.

September 2000: "Space Medicine". Presented at the Tamaulipas Society of Critical Care Medicine monthly meeting, Tampico, Tamaulipas, Mexico.

September 2000: "Cardiopulmonary Resuscitation Techniques: Past, Present and Future". Presented at the Jornadas Medicas Conmemorativas del 50 Aniversario de la Facultad de Medicina de Tampico, Universidad Autonoma de Tamaulipas. Tampico, Mexico.

October 2000: "Community-acquired pneumonia". Presented at Grand Rounds. St. Elizabeth's Hospital, Beaumont, TX.

November 2000: "Asthma: Can we prevent death?" Presented at the monthly meeting of the Houston Society of Critical Care. Houston, TX.

December 2000: "Cardiopulmonary resuscitation: From the Bible to the XXI Century" Presented at the Monthly Grand Rounds of the Universita Degli Studi Di Pavia, IRCCS Policlinico S. Mateo, Pavia, Italy.

January 2001: "Community-acquired pneumonia: An emergency medicine point of view". Presented at Grand Rounds of Park Plaza Hospital, Houston, TX.

February 2001: "Advances in cardiopulmonary resuscitation". Presented at the Primer Congreso Internacional de Medicina de Urgencias y Terapia Intensiva. Monterrey, Mexico.

February 2001: "Congestive heart failure: Recognition and management". Presented at the Primer Congreso Internacional de Medicina de Urgencias y Terapia Intensiva. Monterrey, Mexico.

February 2001: "New trends in the management of cerebrovascular accidents". Presented at the Primer Congreso Internacional de Medicina de Urgencias y Terapia Intensiva. Monterrey, Mexico.

February 2001: " Non-invasive mechanical ventilation: A real alternative". Presented at the Primer Congreso Internacional de Medicina de Urgencias y Terapia Intensiva. Monterrey, Mexico.

February 2001: "Nalmefene and other opioid anatagonists in emergency medicine and critical care". Presented at the Primer Congreso Internacional de Medicina de Urgencias y Terapia Intensiva. Monterrey, Mexico.

April 2001: "Community-acquired pneumonia". Presented at Internal Medicine Grand Rounds of Our Lady of the Lake Hospital, Baton Rouge, LA.

April 2001: "Sinusitis and other conditions". Presented at the Monroe Society of Internal Medicine. Monroe, LA.

April 2001: "Lower respiratory tract infections". Presented at Doctors Hospital and LSU Conference. Shreveport, LA.

July 2001: "Management of the obese patient in the ICU" Presented at the Primer Curso Internacional de Nutrición. Mexico City, Mexico.

August 2001: " Acute respiratory failure in the postoperative patient". Presented at the Department of Surgery, St. Joseph's Hospital. Houston, TX.

August 2001: "Dysrhythmia Workshop". Presented at the 8<sup>th</sup> Indonesian International Symposium on Shock and Critical Care. Bali, Indonesia.

August 2001: "CPR Pharmacology Controversies". Presented at the 8<sup>th</sup> Indonesian International Symposium on Shock and Critical Care. Bali, Indonesia.

August 2001: "Complications of Critical Care". Presented at the 8<sup>th</sup> Indonesian International Symposium on Shock and Critical Care. Bali, Indonesia.

August 2001: "Massive Pulmonary Embolism". Presented at the 8<sup>th</sup> Indonesian International Symposium on Shock and Critical Care. Bali, Indonesia.

August 2001: "Pre-Hospital Airway Management". Presented at the 8<sup>th</sup> Indonesian International Symposium on Shock and Critical Care. Bali, Indonesia.

September 2001: "Acute Asthma Management". Presented at the Department of Surgery, St. Joseph's Hospital. Houston, TX.

September 2001: "Management of the obese critically ill patient". Presented at the XXVIII Reunion Nacional de la Asociación de Medicina Crítica y Terapia Intensiva. Monterrey, Mexico.

September 2001: "Vasopressin use in cardiopulmonary resuscitation and shock". Presented at the XXVIII Reunion Nacional de la Asociación de Medicina Crítica y Terapia Intensiva. Monterrey, Mexico.

September 2001: "Nalmefene and other opioid antagonists". Presented at the XXVIII Reunion Nacional de la Asociación de Medicina Crítica y Terapia Intensiva. Monterrey, Mexico.

September 2001: "Hypertensive crises" . Presented at the Greater Houston Society of Critical Care Meeting, Houston, TX.

September 2001: "Obesity in the ICU setting". Presented at the IV Reunion Regional y Simposio Internacional del Colegio de Medicina Crítica de Yucatan, Merida, Mexico.

September 2001: "What is new in narcotic intoxications?" Presented at the IV Reunion Regional y Simposio Internacional del Colegio de Medicina Crítica de Yucatan, Merida, Mexico.

November 2001: "Acute hypertension: Management in the year 2001". Presented at the 17<sup>th</sup> Annual Critical Care Conference. Spring Branch Medical Center, Houston, Texas.

November 2001: "Arrhythmia management". Presented at the I Foro Asturiano de Reanimación Cardiopulmonar. Oviedo, Spain.

November 2001: "Advances in Cardiopulmonary Resuscitation". Presented at the I Foro Asturiano de Reanimación Cardiopulmonar. Oviedo, Spain.

November 2001: "Vasopressin in Shock and CPR". Presented at the I Foro Asturiano de Reanimación Cardiopulmonar. Oviedo, Spain.

December 2001: "Pressure-volume curves in ARDS". At the SAMI Mechanical Ventilation group meeting, Tokyo, Japan.

February 2002: "Use and abuse of sedation in critically ill patients". Presented at the monthly meeting of the Greater Houston Society of Critical Care, Houston, TX.

February 2002: "The use of vasopressin in cardiopulmonary resuscitation". Presented at the I Xornada sobre a parada cardiorrespiratoria. Novas recomendacións e estratexias no seu tratamento. Santiago de Compostela, Galicia, Spain.

March 2002: "Postoperative complications in trauma patients". Presented at Surgical Grand Rounds. Mercy Hospital, Des Moines, Iowa.

March 2002: "Sepsis". Presented at the Medical Grand Rounds, Valley Baptist Medical Center, Harlingen, TX.

March 2002: "Hypertensive crises". Presented at the 22<sup>nd</sup> International Symposium on Intensive Care Medicine and Emergency Medicine. Brussels, Belgium.

March 2002: "Open-chest CPR Still a place?" Presented at the 22<sup>nd</sup> International Symposium on Intensive Care Medicine and Emergency Medicine. Brussels, Belgium.

April 2002: "Sepsis: New and controversial issues". Presented at the monthly meeting of Corpus Christi Society of Critical Care, Corpus Christi, TX.

April 2002: "Hypertensive crises". Presented at the monthly meeting of the ACCN-Galveston Chapter, Galveston, Texas.

May 2002: "Sinusitis and other airway infections". Presented at the Greater New Orleans Pharmacists Association, New Orleans, LA.

June 2002: "Upper airway infections". Presented at Grand Rounds of Matagorda General Hospital, Bay City, TX.

June 2002: "Management of Acute Hypertension". Presented at the University of South Alabama School of Medicine, Mobile, AL.

June 2002: "Interactive cases in emergency medicine". Presented at the II Congreso Internacional de Medicina de Urgencias Urgencias en el Adulto Mayor. Universidad de Monterrey and Consejo Mexicano de Medicina de Urgencias. Monterrey, Mexico.

June 2002: "Critical care of the elderly patient". Presented at the II Congreso Internacional de Medicina de Urgencias Urgencias en el Adulto Mayor. Universidad de Monterrey and Consejo Mexicano de Medicina de Urgencias. Monterrey, Mexico.

June 2002: "Sepsis in the elderly". Presented at the II Congreso Internacional de Medicina de Urgencias Urgencias en el Adulto Mayor. Universidad de Monterrey and Consejo Mexicano de Medicina de Urgencias. Monterrey, Mexico.

June 2002: "Hypertensive crises in the elderly". Presented at the II Congreso Internacional de Medicina de Urgencias Urgencias en el Adulto Mayor. Universidad de Monterrey and Consejo Mexicano de Medicina de Urgencias. Monterrey, Mexico.

June 2002: "Non-invasive mechanical ventilation". Presented at the Curso Internacional de Medicina Interna. Asociación de Medicina Interna de Tamaulipas, Universidad de Tamaulipas. Tampico, Tamaulipas, Mexico.

June 2002: "Current management of septic shock". Presented at the Curso Internacional de Medicina Interna. Asociación de Medicina Interna de Tamaulipas, Universidad de Tamaulipas. Tampico, Tamaulipas, Mexico.

August 2002: "Airway anatomy for the pulmonologist". Presented at the Interventional Pulmonology Workshop of the 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

August 2002: "Looking for trouble: How to avoid errors during diagnostic and therapeutic bronchoscopy". Presented at the Interventional Pulmonology Workshop of the 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

August 2002: "Clinical cases in bronchoscopy". Presented at the Interventional Pulmonology Workshop of the 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

August 2002: "Endonbronchial stenting and laser bronchoscopy". Presented at the Interventional Pulmonology Workshop of the 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

August 2002: "Hands-on-experience Interventional Bronchoscopy". Presented at the Interventional Pulmonology Workshop of the 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

August 2002: "Acute Abdomen in the ICU". Presented at the 12<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine. Nusa Dua, Bali, Indonesia.

August 2002: "Cardiopulmonary resuscitation 2002: Standards and controversies". Presented at the 12<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine. Nusa Dua, Bali, Indonesia.

August 2002: "Hypertensive crises". Presented at the 12<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine. Nusa Dua, Bali, Indonesia.

August 2002: "Acute Pancreatitis". Presented at the 12<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine. Nusa Dua, Bali, Indonesia.

September 2002: "Antimicrobial options in the management of complicated sinusitis". Presented at the Houston ENT Society monthly meeting. Houston, Texas

October 2002: "Community-acquired pneumonia: The Good, the bad and the ugly". Presented at Ground Rounds, Plano Presbyterian Hospital. Plano, Texas.

October 2002: "Antibiotic resistance". Presented at the monthly meeting of the Emergency Department for Methodist Hospital Sugarland. Houston, TX.

October 2002: "The diagnosis and management of community-acquired pneumonia in an era of emerging antibiotic resistance". Presented at the Houston Society of Internal Medicine monthly meeting. Houston, TX.

November 2002: "Anemia in the critically ill patient". Presented at the monthly meeting of IPC Hospital Group of Texas. Dallas, TX.

November 2002: "Antibiotic choices: The good, the bad the ugly". Presented at the monthly meeting of the Texas Osteopathic Medical Association. Austin, TX.

November 2002: "Hypertensive Crises: Evaluation and Management". Presented at the Department of Anesthesia of The Cleveland Clinic HealthCare System. Cleveland OH.

November 2002: "Quinolones, Macrolides and other agents in the management of respiratory infections". Presented at the monthly meeting of Lufkin Hospitals physicians. Lufkin, TX.

November 2002: "Ventilator-associated pneumonia". Presented at the Joint meeting of the Sociedad Mexicana de Neumología y Terapia Intensiva de Monterrey. Monterrey, Mexico.

March 2003: "At the hospital door: Carbon monoxide poisoning". Presented at the 23<sup>rd</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2003: "The PA catheter controversy". Presented at the 23<sup>rd</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2003: "Neurological outcome after cardiac arrest". Presented at the 23<sup>rd</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2003: "Space Medicine". Presented at the 23<sup>rd</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2003: "Hormonal treatment of the critically ill patient". Presented at the I Salón Internacional de la Salud. Santiago de Compostela, Spain.

March 2003: "Vasopressin in emergency and critical care medicine". Presented at the I Salón Internacional de la Salud. Santiago de Compostela, Spain.

April 2003: "Public use of automatic external defibrillators". Presented at II Foro Asturiano de RCP y Cuidados Cardiológicos Agudos. Oviedo, Spain.

April 2003: "Role of open-chest CPR in modern resuscitation practices". Presented at II Foro Asturiano de RCP y Cuidados Cardiológicos Agudos. Oviedo, Spain.

April 2003: "Management of the critical patient with cardiogenic shock". Presented at II Foro Asturiano de RCP y Cuidados Cardiológicos Agudos. Oviedo, Spain.

May 2003: "Sepsis: 2003". Presented at Grand Rounds of Hospital general de Zona No. 33, Instituto Mexicano del Seguro Social, Monterrey, N.L., México.

May 2003: "Hormonal therapy of the critically ill patient". Presented at Grand Rounds of Hospital general de Zona No. 33, Instituto Mexicano del Seguro Social, Monterrey, N.L., México.

May 2003: "Hypertensive crises". Presented at the Simposio Internacional de Urgencias. Hospital Christus Muguerza. Saltillo, México.

May 2003: "Open-chest CPR: Myths and controversies". Presented at the Simposio Internacional de Urgencias. Hospital Christus Muguerza. Saltillo, México.

June 2003: "Antibiotic use in sinusitis". Presented at the Quarterly Meeting of the Gulf Coast Clinical Pharmacist Association. Houston, TX.

June 2003: "Community-acquired pneumonia 2003: New guidelines". Presented at Grand Rounds of Gulf Coast Medical Center. Wharton, TX.

July 2003: "Vasoactive therapy in the critically ill patient". Presented at the Department of Critical Care Grand Rounds of Rush University School of Medicine, St. Luke's Presbyterian Hospital. Chicago IL.

July 2003: "Management of hypertensive crises". Presented at the Department of Emergency Medicine Grand Rounds of Northwestern University School of Medicine. Chicago, IL.

July 2003: "The evaluation and diagnosis of the patient with acute hypertension in the emergency room". Presented at the Department of Emergency Medicine Service Meeting of Christus Hospital. Oak Lawn, IL

July 2003: " Cardiovascular cases for pulmonologists". Presented at the Nevada Lung Institute. Las Vegas, NV.

July 2003: "Hypertensive emergencies". Presented at the Emergency Medicine Service meeting of Valley Medical Center. Las Vegas, NV.



August 2003: "Should we continue to use sodium bicarbonate during CPR?" Presented at the August 2003: 10<sup>th</sup> International Symposium on Shock and Critical Care. Jakarta, Indonesia.

August 2003: "Treatment of systemic fungal infections: Candidiasis". Presented at the 10<sup>th</sup> International Symposium on Shock and Critical Care. Jakarta, Indonesia.

August 2003: "How to withdraw and withhold life-support in the intensive care unit." Presented at the 10<sup>th</sup> International Symposium on Shock and Critical Care. Jakarta, Indonesia.

August 2003: "Should we continue to use pulmonary artery catheters". Presented at the 10<sup>th</sup> International Symposium on Shock and Critical Care. Jakarta, Indonesia.

September 2003: "Management of acute hypertension". Presented at the quarterly meeting of the nursing staff of Fairfax Hospital. Fairfax, Virginia.

September 2003: "Activated protein C in sepsis". Presented at the Department of Surgery Grand Rounds of Mount Elizabeth Hospital. Singapore.

September 2003: "Lung recruitment strategies in ARDS Is there a right way to do it?" . Presented at the 3<sup>rd</sup> General Scientific Meeting of the Society of Intensive Care Medicine (Singapore). Evidence Based Critical Care Practice. Singapore.

September 2003: "Aspiration pneumonia Current concepts". Presented at the 3<sup>rd</sup> General Scientific Meeting of the Society of Intensive Care Medicine (Singapore). Evidence Based Critical Care Practice. Singapore.

September 2003: "Sepsis 2003: State of the art". Presented at the 3<sup>rd</sup> General Scientific Meeting of the Society of Intensive Care Medicine (Singapore). Evidence Based Critical Care Practice. Singapore.

September 2003: " Dr. Ng Kim Swee's Memorial Lecture: Advances and Current Trends in ICU Practice". Presented at the 3<sup>rd</sup> General Scientific Meeting of the Society of Intensive Care Medicine (Singapore). Evidence Based Critical Care Practice. Singapore.

September 2003: " Non-invasive mechanical ventilation". Presented at the 3<sup>rd</sup> General Scientific Meeting of the Society of Intensive Care Medicine (Singapore). Evidence Based Critical Care Practice. Singapore.

September 2003: " Ventilator waveform analysis Is it useful in our clinical practice?". Presented at the 3<sup>rd</sup> General Scientific Meeting of the Society of Intensive Care Medicine (Singapore). Evidence Based Critical Care Practice. Singapore.

October 2003: "Antibiotic selection for patients with community-acquired infections" . Presented at El Campo Memorial Hospital. El Campo, TX.

October 2003: "Vasoactive therapy in critically ill patients" . Presented at the Department of Emergency Medicine, University of Arkansas Medical Center. Little Rock, AR.

October 2003: "Management of intraoperative hypertensive crises". Presented at the Department of Anesthesiology of Baptist Medical Center. Little Rock, AR.

October 2003: "Epidemiology of hypertension in the United States". Presented at the Annual Meeting of the American College of Chest Physicians. Orlando, FL.

November 2003: "Management of hypertensive emergencies". Presented at the monthly meeting of the Texas Chapter of the American Heart Association, Houston, TX.

November 2003: "Open-Chest CPR: Its role in the year 2003". Presented at San José Hospital and Instituto Tecnológico de Monterrey Grand Rounds. Monterrey, México.

November 2003: "Hypertension and vasoactive therapy". Presented at the monthly meeting of the Chesapeake Critical Care Nurses Association, Baltimore, MD.

December 2003: " Controversies in CPR pharmacology". Presented at the Encuentro Internacional de Medicina de Urgencias: Enfrentando el Reto. Monterrey, Mexico.

December 2003: "Hormonal therapy in the critically ill patient". Presented at the Encuentro Internacional de Medicina de Urgencias: Enfrentando el Reto. Monterrey, Mexico.

December 2003: "Hypertensive Crises" . Presented at the Department of Medicine Grand Rounds of Indiana University. Indianapolis, IN.

December 2003: "Management of intracranial hypertension" . Presented at the Department of Neurosurgery, Methodist Hospital. Indianapolis, IN.

December 2003: "Vasoactive therapy in the critically ill" . Presented at the Department of Anesthesiology, Indiana University. Indianapolis, IN.

January 2004: " The diagnosis and management of hypertensive crises". Presented at the Department of Emergency Medicine of the University of Louisville Medical Center. Louisville, KY.

February 2004: "Vasoactive therapy in the emergency department" . Presented at the Annual Meeting of the American College of Emergency Physicians Indiana Chapter. Indianapolis, IN.

February 2004: "Management of blood pressure problems in the trauma patient". Presented at the Department of Trauma Grand Rounds of Indiana University School of Medicine. Indianapolis, IN.

February 2004: "Sepsis management in 2004". Presented at Grand Rounds of Policlínica Gipuzkoa. San Sebastian, Spain.

February 2004: "Hemodynamic management of sepsis: Vasopressor agents, vasopressin". Presented at the XV Jornadas de Invierno de Medicina Intensiva. Candanchú, Spain.

February 2004: "Non-pharmacological research in critical care medicine: Ethical issues in the ICU". Presented at the XV Jornadas de Invierno de Medicina Intensiva. Candanchú, Spain

February 2004: "The diagnosis and management of hypertensive crises". Presented at the Department of Medicine Grand Rounds. Methodist-University Hospital. Memphis, TN.

March 2004: "Trauma, transfusion and hematology". Presented at the Visiting Professorship Grand Rounds of the Department of Anesthesiology. The University of Texas Health Science Center at San Antonio/University Hospital. San Antonio, TX.

March 2004: "Sepsis 2004: State-of-the-art". Presented at Clínica Anglo Americana, Lima, Perú.

April 2004: "Heat-related illnesses: Heat stroke and heat exhaustion". Presented at the Sports Medicine Annual Conference. Hendrick Medical Center. Abilene, TX.

April 2004: "Perioperative hypertension". Presented at the Department of Trauma of Kansas University Medical Center, Kansas City, KS.

April 2004: "Sepsis Update". Presented at the Bene Hospital, Tampico, Mexico.

May 2004: "Evaluating the patient with hypertension". Presented at the Department of Cardiology Grand Rounds of the University of Wisconsin College of Medicine. Milwaukee, WI.

May 2004: "Hypertensive urgencies and emergencies in primary care". Presented at the Department of Medicine biweekly meeting of St. Joseph's Regional Medical Center. Wauwatosa, WI.

May 2004: "Vasoactive therapy in the critically ill patient". Presented at Grand Rounds of St. Luke's Hospital. Milwaukee, WI.

May 2004: "The diagnosis and management of postoperative hypertension." Presented at Central Baptist Hospital Nursing Critical Care Grand Rounds. Lexington, KY.

May 2004: "Hypertensive crises: Pharmacological profile of commonly used agents". Presented at the Department of Pulmonary & Critical Care Grand Rounds of Baptist Hospital East. Louisville, KY.

May 2004: "Management of the morbidly obese critically ill patient". Presented at Grand Rounds of the Department of Emergency Medicine. University of Louisville School of Medicine. Louisville, KY.

May 2004: "Aerospace medicine". Presented at Grand Rounds of Air Medical Services. University of Louisville School of Medicine. Louisville, KY.

May 2004: "Diagnosis and treatment of hypertensive crises". Presented at Symposium Internacional de Emergencias Medicas. Culiacan, Sinaloa, México.

May 2004: "Sepsis 2004: State-of-the-art". Presented at Symposium Internacional de Emergencias Medicas. Culiacan, Sinaloa, México.

May 2004: "Ventilator-associated pneumonia". Presented at Symposium Internacional de Emergencias Medicas. Culiacan, Sinaloa, México.

May 2004: "Antibiotic resistance in primary care". Presented at the Community-Acquired Respiratory Tract Infections Consensus. Texas Academy of Family Physicians. Orlando, FL

June 2004: "How do I manage a case of massive pulmonary embolism". Presented at the 13<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine in conjunction with the 24<sup>th</sup> Annual Congress of the Korean Society of Critical Care Medicine. Seoul, Korea.

June 2004: "Crystalloids in the fluid management of sepsis". Presented at the 13<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine in conjunction with the 24<sup>th</sup> Annual Congress of the Korean Society of Critical Care Medicine. Seoul, Korea.

June 2004: "Carbon monoxide poisoning State of the art". Presented at the 13<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine in conjunction with the 24<sup>th</sup> Annual Congress of the Korean Society of Critical Care Medicine. Seoul, Korea.

June 2004: Cardiopulmonary resuscitation preferences among health professionals in Singapore". Presented at the 13<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine in conjunction with the 24<sup>th</sup> Annual Congress of the Korean Society of Critical Care Medicine. Seoul, Korea.

June 2004: "Cardiopulmonary resuscitation: Past, present and future." Presented at the 13<sup>th</sup> Congress of the Western Pacific Association of Critical Care Medicine in conjunction with the 24<sup>th</sup> Annual Congress of the Korean Society of Critical Care Medicine. Seoul, Korea.

June 2004: "The diagnosis and management of hypertensive crises." Presented at Grand Rounds, Lutheran Hospital. Fort Wayne, IN.

June 2004: "Perioperative hypertension". Presented at the meeting of Nevada Pulmonary Associates. Las Vegas, NV.

July 2004: "Ethical and legal issues in end-of-life decisions in the critically ill patient". Presented at the Congreso Internacional de Politrauma y Emergencias. Monterrey, Mexico.

July 2004: "Sepsis 2004: State-of-the-art". Presented at the Congreso Internacional de Politrauma y Emergencias. Monterrey, Mexico.

July 2004: "Treatment of intracranial hypertension in the trauma patient". Presented at the Congreso Internacional de Politrauma y Emergencias. Monterrey, Mexico.

July 2004: "Pulmonary embolism". Presented at the Congreso Internacional de Politrauma y Emergencias. Monterrey, Mexico.

July 2004: "Vasopressin as a drug of choice in CPR and shock states". Presented at the Congreso Internacional de Politrauma y Emergencias. Monterrey, Mexico.

July 2004: "Hypertensive crises: What a nurse should know". Presented at the meeting of the San Antonio Nurses Association, San Antonio, TX.

July 2004: "Postoperative hypertension in the trauma patient". Presented at the Department of Trauma, Brackenridge Hospital. Austin, TX

July 2004: "The diagnosis and management of hypertensive crises". Presented at Grand Rounds of Harris Methodist Hospital. Fort Worth, TX.

July 2004: "Vasoactive therapy in critically ill patients". Presented at Regions Hospital, Department of Pulmonary Medicine. Minneapolis, MN.

July 2004: "Management of hypertension in the acute care setting". Presented at Grand Rounds of the University of Minnesota, Minneapolis, MN.

July 2004: "Hypertensive crises: Past, present and future". Presented at Surgical ICU Grand Rounds, Mayo Clinic. Rochester, MN.

August 2004: "The Internet: Historical background". Presented at the 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

August 2004: "How do I do a bibliographical search in critical care medicine? The use of descriptors". Presented at the 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

August 2004: "Medlars and Medline". Presented at the 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

August 2004: "Medico-legal pearls". Presented at the 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

August 2004: "CPR saves lives in the year 2004: A tribute to Peter Safar and the history of CPR". Presented at the 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

August 2004: "Guidelines: Are they useful?". Presented at the 11<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Bali, Indonesia.

September 2004: "Cardiopulmonary resuscitation: Past, present and future". Presented at the XI Curso de Actualización en Cardiología. Sociedad de Cardiología del Atlantico y Sociedad Colombiana de Cardiología y Cirugía Cardiovascular. Barranquilla, Colombia.

September 2004: "Hypertensive crises". Presented at the XI Curso de Actualización en Cardiología. Sociedad de Cardiología del Atlantico y Sociedad Colombiana de Cardiología y Cirugía Cardiovascular. Barranquilla, Colombia.

September 2004: "Recent advances in sepsis". Presented at Primer Congreso Internacional Medico: Avances en Cirugía No Invasiva y Cardiología". San Pedro Sula, Honduras.

September 2004: "How do I manage a case of pulmonary embolism?". Presented at Primer Congreso Internacional Medico: Avances en Cirugía No Invasiva y Cardiología". San Pedro Sula, Honduras.

September 2004: "Hypertension in the acute case setting". Presented at Primer Congreso Internacional Medico: Avances en Cirugía No Invasiva y Cardiología". San Pedro Sula, Honduras.

September 2004: "Vasoactive therapy in the critically ill". Presented at Department of Critical Care Grand Rounds. George Washington University. Washington, D.C.

September 2004: "Trauma and acute hypertension in the emergency department". Presented to the Emergency Department Grand Rounds. George Washington University Hospital. Washington, D.C.

September 2004: "The diagnosis and treatment of hypertensive crises". Presented at Grand Rounds Shady Grove Hospital. Rockville, MD.

September 2004: "Update in cardiology". Presented at St. Vincent's Hospital. Little Rock, AR.

September 2004: "Hypertensive Emergencies". Presented at the Department of Emergency Medicine. University of Arkansas Medical Center. Little Rock, AR.

October 2004: "Management of hypertensive encephalopathy". Presented at the Department of Neurology Grand Rounds of the University of Louisville Medical Center. Louisville, KY.

October 2004: "Vasoactive therapy in the emergency department". Presented at the Department of Emergency Medicine Grand Rounds, University of Louisville Medical Center. Louisville, KY.

October 2004: "Management of hypertension in the head trauma patient". Presented at the Department of Neurosurgery Grand Rounds of the University of Louisville Medical Center. Louisville, KY.

October 2004: "The diagnosis and management of hypertensive crises". Presented at the Department of Emergency Medicine Grand Rounds of the University of Kentucky. Lexington, KY.

October 2004: "Vasoactive therapy in the critically ill". Presented at the Department of Family Practice Grand Rounds. Bryn Mawr Hospital, Bryn Mawr, PA.

October 2004: "Acute hypertension management in the ICU". Presented at Grand Rounds. Department of Pulmonary Medicine. University of Tennessee Medical Center, Memphis, TN.

October 2004: "Sepsis 2004: State-of-the art". Presented to the Department of Critical Care. University of Tennessee Medical Center, Memphis, TN.

October 2004: "Epidemiology of acute hypertension in the USA". Presented at the 70<sup>th</sup> meeting of the American College of Chest Physicians CHEST 2004. Seattle Washington.

November 2004: "Advances in the management of hypertensive crisis in the critically ill patient". Presented at the University of North Texas Health Science Center at Fort Worth Department of Neurointensive Care. Fort Worth, TX.

November 2004: "Vasoactive therapy". Presented at the Third Annual Workshop on Emergency Airway Management and Invasive Procedures I the Critically Ill Patient. Creighton University Medical Center. Omaha, NE.

January 2005: "Vasodilators in Critical Care". Presented at the Monthly Meeting of the Department of Critical Care. Swedish Medical Center. Denver, CO.

January 2005:" Management of acute hypertension". Presented at ACCN Scottsdale/Phoenix Chapter meeting. Scottsdale, AZ.

February 2005: "Vasoactive therapy in the critically ill". Presented at the American Association of Critical Care Nurses: Houston Gulf Coast Chapter. Houston, TX.

February 2005: "Pneumonia and short-course antibiotic treatment for community clinicians". Presented at the General Staff Meeting of East Tyler Hospital. Woodville, TX.

February 2005: "Cardiopulmonary resuscitation: Past, present and future". Presented at the III Congreso Cardiovascular del Nuevo Milenio. San José, Costa Rica.

February 2005: " The diagnosis and treatment of acute hypertension". Presented at the III Congreso Cardiovascular del Nuevo Milenio. San José, Costa Rica.

February 2005: "Vasoactive therapy in the critically ill patient". Presented at Grand Rounds of Heart Hospital of New Mexico. Albuquerque, NM.

February 2005: "Acute hypertension: Treatment dilemmas". Presented at Grand Rounds of Del Sol Medical Center. El Paso, TX.

March 2005: "CPR The last 25 years: What have we learned?". Presented at the 25<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2005: "Anemia in the ICU". Presented at the 25<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

March 2005: "End of life issues". Presented at the 25<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

April 2005: "Hypertensive crises". Presented at Grand Rounds of Iowa Heart Center. Des Moines, IA.

April 2005: "Cardiopulmonary resuscitation and hypothermia". Presented at Grand Rounds of Chinese General Hospital. Manila, Philippines.

May 2005: "Severe sepsis". Presented at X Congreso Regional de Medicina Interna y II Internacional. Hermosillo, Sonora, Mexico.

May 2005: "Current management of hypertensive crises". Presented at X Congreso Regional de Medicina Interna y II Internacional. Hermosillo, Sonora, Mexico.

May 2005: "Therapeutic Hypothermia and CPR". Presented at X Congreso Regional de Medicina Interna y II Internacional. Hermosillo, Sonora, Mexico.

May 2005: "Septic Shock in 2005". Presented at the I Symposium de Emergencias y Cuidados Intensivos. Hospital Insular de Las Palmas de Gran Canaria. Canary Islands, Spain.

May 2005: "Therapeutic hypothermia in cardiopulmonary resuscitation". Presented at the I Symposium de Emergencias y Cuidados Intensivos. Hospital Insular de Las Palmas de Gran Canaria. Canary Islands, Spain.

May 2005: "Management of hypertensive emergencies" Presented at the I Symposium de Emergencias y Cuidados Intensivos. Hospital Insular de Las Palmas de Gran Canaria. Canary Islands, Spain.

June 2005: "Severe sepsis and septic shock: What is new?" Presented at the II Simposium Internacional de Emergencias Medicas y Medicina Critica. Hospital General de Culiacan. Culiacan, Mexico.

June 2005: "Status epilepticus: State-of-the-art". Presented at the II Simposium Internacional de Emergencias Medicas y Medicina Critica. Hospital General de Culiacan. Culiacan, Mexico.

June 2005: "CPR: Past, present and future". Presented at the II Simposium Internacional de Emergencias Medicas y Medicina Critica. Hospital General de Culiacan. Culiacan, Mexico.

July 2005: "Sepsis 2005: What have we learned?". Presented at Grand Rounds of Chinese General Hospital. Manila, Philippines.



August 2005: "The diagnosis and treatment of hypertensive crises". Presented at the 12<sup>th</sup> International Symposium on Shock and Critical Care. Bali, Indonesia.

August 2005: "Cerebral protection after cardiac arrest". Presented at the 12<sup>th</sup> International Symposium on Shock and Critical Care. Bali, Indonesia.

September 2005: "How do I manage a case of massive pulmonary embolism?". Presented at the I Congreso Medico Internacional Vanguardia en Medicina: Un Enfoque Integral of the Escuela de Medicina de la Universidad Autónoma de Tamaulipas. Tampico, Tamaulipas, México.

September 2005: "CPR: From the antiquity to hypothermia". Presented at the I Congreso Medico Internacional Vanguardia en Medicina: Un Enfoque Integral of the Escuela de Medicina de la Universidad Autónoma de Tamaulipas. Tampico, Tamaulipas, México.

September 2005: "The diagnosis and management of hypertensive crises". Presented at the Rocky Mountain Hospital Medicine Symposium. Denver, CO.

September 2005: "Hypertension in acute care". Presented at the 17<sup>th</sup> Annual Texas Nurse Practitioners Conference. Houston, TX.

September 2005: "Vasoactive therapy in the critically ill". Presented at Grand Rounds of Broward County Medical Center. Fort Lauderdale, FL.

September 2005: "Hypertensive crises". Presented at Critical Care Grand Rounds of Jackson Memorial Hospital. Miami, FL.

October 2005: "Management of the morbidly obese vascular patient". Presented at the Vascular Symposium of Baylor Heart Institute, Dallas, TX.

October 2005: "Pneumonia in the elderly". Presented at Grand Rounds of Texas Tech School of Medicine. El Paso, TX.

October 2005: "CPR: Past, present and future". Presented at Segundo Congreso Internacional Medico "Nuevas Tecnologias Medico-Quirurgicas". Presented at Cemesa Medical Center. San Pedro Sula, Honduras.

October 2005: "Therapeutic Hypothermia". Presented at Segundo Congreso Internacional Medico "Nuevas Tecnologias Medico-Quirurgicas". Presented at Cemesa Medical Center. San Pedro Sula, Honduras.

October 2005: "Space Medicine". Presented at Segundo Congreso Internacional Medico "Nuevas Tecnologias Medico-Quirurgicas". Presented at Cemesa Medical Center. San Pedro Sula, Honduras.

October 2005: "Vasoactive therapy in the critically ill". Presented at Grand Rounds of the Department of Medicine of Lehigh Valley Hospital. Allentown, PA.

October 2005: "Control of postoperative hypertension in the neurosurgical patient". Presented at Grand Rounds of the Department of Neurosurgery of Kansas University Medical Center. Kansas City, KS.

October 2005: "Hypertensive emergencies in the perioperative cardiovascular setting". Presented at the Symposium Hypertensive Crisis: Strategies to minimize end-organ damage with focus on the heart and the brain at the American College of Chest Physicians Annual Meeting. Montreal, Canada.

November 2005: "Low vs. high tidal volume through extra-tracheal continuous positive airway pressure and nitric oxide in patients with acute respiratory distress syndrome and hypoxemia." Presented at the American College of Chest Physicians Annual Meeting. Montreal, Canada.

November 2005: "Therapeutic hypothermia in the year 2005". Presented at the III Encuentro Internacional de Medicina de Urgencias. Monterrey, Mexico.

November 2005: "Sepsis in the emergency medicine patient". Presented at the III Encuentro Internacional de Medicina de Urgencias. Monterrey, Mexico.

November 2005: "Hypertensive crises". Presented at Grand Rounds of the Department of Emergency Medicine. St. Rose Siena Hospital. Las Vegas, NV.

January 2006: "The diagnosis and management of acute hypertension". Presented at the American Association of Critical Care Nurses, Gulf Coast Chapter. Houston, TX.

January 2006: "Treatment of hypertensive emergencies in surgery, intracranial hemorrhage and stroke". Presented at Critical Care Grand Rounds of Denver Health and University of Colorado Health Sciences Center. Denver, CO.

January 2006: "Vasoactive therapy in the critically ill". Presented at Grand Rounds of Kindred Hospital. Denver, CO.

January 2006: "The management of acute postoperative hypertension for anesthesiologists". Presented at Grand Rounds of University Hospital. Denver, CO.

January 2006: "The management of hypertensive emergencies in the acute care setting". Presented at the department of Emergency Medicine Grand Rounds of the Medical Center of Aurora., North Campus. Aurora, CO.

March 2006: "Vasoactive therapy". Presented at the Department of Pharmacy of Swedish Medical Center. Seattle WA.

March 2006: "Cardiopulmonary resuscitation techniques". Presented at the 38<sup>th</sup> Annual Scientific Meeting of the Heart Association of Thailand Under the Royal Patronage of H. M. The King. Pattaya City, Thailand.

April 2006: "Update on advanced life support and resuscitation techniques". Presented at the 10<sup>th</sup> Annual Scientific Meeting of the National Heart Association of Malaysia. Kuala Lumpur, Malaysia.

April 2006: "Therapeutic hypothermia after cardiac arrest". Presented at the 10<sup>th</sup> Annual Scientific Meeting of the National Heart Association of Malaysia. Kuala Lumpur, Malaysia.

April 2006: "The management of hypertensive emergencies in the acute care setting". Presented at Grand Rounds of Southeast Missouri Hospital. Cape Girardeau, MO.

April 2006: "Management of hypertension in the head trauma patient". Presented at Emergency Medicine Grand Round of St. Francis Medical Center. Cape Girardeau, MO.

April 2006: "Hypertensive crises: Evaluation and treatment". Presented at Critical Care Grand Rounds of St. John's Mercy Hospital. St. Louis, MO.

April 2006: "The use of therapeutic hypothermia for cerebrovascular accidents". Presented at the Congreso Regional de Medicina Interna del Noroeste. Mazatlan, México.

May 2006: "The influence of personal background on CPR preferences among healthcare providers in Mexico". Presented at the 8<sup>th</sup> Scientific Congress of the European Resuscitation Council. Stavanger, Norway.

May 2006: "Use and understanding of therapeutic hypothermia among healthcare providers in two developing countries". Presented at the 8<sup>th</sup> Scientific Congress of the European Resuscitation Council. Stavanger, Norway.

May 2006: "Withholding CPR and life-sustaining preferences among healthcare providers in Europe, America and Asia". Presented at the 8<sup>th</sup> Scientific Congress of the European Resuscitation Council. Stavanger, Norway.

June 2006: "Hypothermia in Critical Care Medicine". Presented at the Primer Congreso Internacional y Octavo Congreso Regional del Golfo de la Asociación Veracruzana de Medicina Crítica y Terapia Intensiva. Veracruz, México.

June 2006: "Obesity and Critical Illness". Presented at the Primer Congreso Internacional y Octavo Congreso Regional del Golfo de la Asociación Veracruzana de Medicina Crítica y Terapia Intensiva. Veracruz, México.

June 2006: "The diagnosis and treatment of hypertensive crises". Presented at the monthly meeting of the Rocky Mountain Society of Hospital Medicine. Denver, CO.

June 2006: "Acute cerebrovascular accidents: Optimizing blood pressure management". Presented at Grand Rounds of Deaconess Hospital. Oklahoma City, OK.

June 2006: "Vasoactive therapy in the critically ill". Presented at Grand Rounds of Baptist Hospital. Oklahoma City, OK.

July 2006: "Understanding acute hypertension". Presented at Grand Rounds of Baylor University Medical Center at Gaylord. Dallas, TX.

August 2006: "Iqbal Mustafa Memorial Lecture: Therapeutic hypothermia in the year 2006". Presented at the 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with the 3<sup>rd</sup> Symposium of Nutri Indonesia. Kuta, Bali, Indonesia.

August 2006: "Postoperative complications and anesthesia and surgery for the morbidly obese patient". Presented at the 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with the 3<sup>rd</sup> Symposium of Nutri Indonesia. Kuta, Bali, Indonesia.

August 2006: "How do I manage a case of massive pulmonary embolism?" Presented at the 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with the 3<sup>rd</sup> Symposium of Nutri Indonesia. Kuta, Bali, Indonesia.

August 2006: "The link between sepsis, coagulation and inflammation". Presented at the 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with the 3<sup>rd</sup> Symposium of Nutri Indonesia. Kuta, Bali, Indonesia.

September 2006: "Managing volatile blood pressure changes in critically ill patients". Presented at Emergency Medicine Grand Rounds, St. Luke's Hospital. Kansas City, MO.

September 2006: "The management of hypertensive emergencies in the acute care setting". Presented at the monthly meeting of the Oklahoma Society of Perianesthesia Nurses. Oklahoma City, OK.

October 2006: "Hypothermia: Uses and indications". Presented at the Segundo Congreso Internacional de Medicina; Humanismo una Prioridad. Tampico, Mexico.

October 2006: "Evolving treatment modalities for hypertensive emergencies". Presented at the American College of Chest Physicians CHEST 2006 Congress. Salt Lake City, UT.

November 2006: "Cardiopulmonary resuscitation: Advances and controversies". Presented at the Universidad Popular Autónoma de Puebla. Puebla, Mexico.

November 2006: "Therapeutic hypothermia in the year 2006". Presented at the Universidad Popular Autónoma de Puebla. Puebla, Mexico.

December 2006: "The diagnosis and treatment of hypertensive crises". Presented at Mercy Hospital. Miami, FL.

February 2007: "Emergency blood pressure control in the emergency department". Presented at Grand Rounds of the Department of Emergency Medicine. Stanford University Medical Center. Stanford, CA.

March 2007: "Precise and ultrarapid control of blood pressure with clevidipine, an arterial selective calcium channel blocker". Presented at the 27<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

April 2007: "Perioperative management of the hypertensive high risk surgical patient". Presented at the China Interventional Therapeutics (CIT) 2007 in conjunction with TCT and CIT and EuroPCR at CIT. Beijing, China.

April 2007: "The management of hypertensive emergencies in the acute care setting". Presented at Sutter Neuroscience Institute. Sacramento, CA.

April 2007: "Blood pressure management in acute stroke". Presented at Neurology Grand Rounds. Alton Bates Medical Center. Berkeley, CA.

April 2007: "Acute hypertension". Presented at the Department of Emergency Medicine, Stanford University Medical Center. Stanford, CA.

April 2007: "The diagnosis and management of hypertensive crises in acute care medicine". Presented at the Department of Anesthesia, University of California San Diego. San Diego, CA.

May 2007: "Intravenous calcium channel blockers". Presented at the Department of Surgery, Broward General Medical Center. Ft. Lauderdale, FL

May 2007: "The diagnosis and management of hypertensive emergencies: What every clinician must know ". Presented at the Department of Emergency medicine. Mount Sinai Medical Center. Miami Beach, FL.

June 2007: "Experimental nasopharyngeal selective brain hypothermia". Presented at the Hypothermia Symposium. Snogeholms Slott, Sweden.

August 2007: "Selective brain hypothermia". Plenary opening session. Presented at the 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

August 2007: "Massive pulmonary embolism". Presented at the 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

August 2007: "Critical care of the bariatric patient". Presented at the 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

August 2007: "Activated protein C use in the intensive care unit". Presented at the 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

August 2007: "Open chest CPR in penetrating trauma". Presented at the 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

August 2007: "Non-invasive mechanical ventilation for acute exacerbations of obstructive lung disease". Presented at the 14<sup>th</sup> International Symposium on Critical Care. Kuta, Bali, Indonesia.

August 2007: "Treatment of acute hypertension". Presented at the Department of Family Practice Grand Rounds. Floyd Medical Center. Rome, GA.

September 2007: "The diagnosis and treatment of hypertensive crises". Presented at the monthly meeting of the San Antonio Society of Critical Care.

September 2007: "Vasoactive therapy in the critically ill". Presented at Memorial Hospital. Johnston, PA.

September 2007: "Acute hypertension: Challenges in management". Presented at the Department of Medicine Grand Rounds of Thomas Jefferson University. Philadelphia, PA.

September 2007: "The diagnosis and treatment of hypertensive crises". Presented at the 22<sup>nd</sup> Annual Townsend Cardiovascular Nursing Symposium. Wichita, KS.

September 2007: "Diagnosis of COPD". Presented at the EPOC: Una nueva era en su tratamiento. (COPD: A new era in its treatment). Presented at the Pulmonary conference sponsored by New York University School of Medicine. Mexico City, Mexico.

September 2007: "Clinical Cases: COPD". Presented at the EPOC: Una nueva era en su tratamiento. (COPD: A new era in its treatment). Presented at the Pulmonary conference sponsored by New York University School of Medicine. Mexico City, Mexico.

October 2007: "Giving acute hypertension the hyper-attention it deserves". Presented at the American College of Chest Physicians CHEST 2007 meeting. Chicago, IL.

October 2007: "Perioperative hypertension". Presented at the American College of Chest Physicians CHEST 2007 meeting. Chicago, IL.

October 2007: "Prolonged infusion of clevidipine results in safe and predictable blood pressure control in patients with acute severe hypertension: The results of the VELOCITY trial". Presented at the American College of Chest Physicians CHEST 2007 meeting. Chicago, IL.

October 2007: "Blood pressure control in the operating room". Presented at the American College of Chest Physicians CHEST 2007 meeting. Chicago, IL.

October 2007: "The management of hypertensive crises". Presented at IV Congreso Medico, Hospital Cemesa. San Pedro Sula, Honduras.

October 2007: "Sepsis in the year 2007: State of the art". Presented at IV Congreso Medico, Hospital Cemesa. San Pedro Sula, Honduras.

October 2007: "Blood pressure control in acute stroke". Presented at Grand Rounds, Department of Emergency Medicine, Jackson Memorial Hospital. Miami, FL.

October 2007: "Perioperative hypertension". Presented at the Department of Anesthesiology Grand Rounds, VA Medical Center. Miami, FL.

October 2007: "Therapeutic hypothermia". Presented at IV Congreso Medico, Hospital Cemesa. San Pedro Sula, Honduras.

November 2007: "Analgesia and sedation in the obese patient". Presented at the XXXIV Reunion Anual de la Asociacion Mexicana de Medicina Critica y Terapia Intensiva. Guadalajara, Jalisco, Mexico.

November 2007:" Selective brain hypothermia: State-of-the-art". Presented at the XXXIV Reunion Anual de la Asociacion Mexicana de Medicina Critica y Terapia Intensiva. Guadalajara, Jalisco, Mexico.

November 2007: "40<sup>th</sup> Dr. Jose Teehankee Memorial Lecture Sepsis in the year 2007: Stateof-the-art". Presented at the Annual Meeting of the Filipino-Chinese Medical Society. Manila, Philippines.

November 2007: " Therapeutic hypothermia in 2007". Presented at the Plenary Session of Chinese General Hospital. Manila, Philippines.

November 2007: "Pathophysiology of COPD". Presented at the EPOC: Una nueva era en su tratamiento. (COPD: A new era in its treatment). Presented at the Pulmonary conference sponsored by New York University School of Medicine. Mexico City, Mexico.

December 2007: "Vascular dysfunction and acute pressure syndromes". CME Education Resources Grand Rounds/University of Massachusetts Medical School. San Francisco, CA.

December 2007: "Patient Care Updates Children's palliative care and therapeutic hypothermia". Presented at the Philippine Nurses Association of Metropolitan Houston. West University, Houston, TX.

February 2008: "Innovations in acute blood pressure management Evolving strategies and new dimensions of emergency cardiovascular care. Presented at the Society of Critical Care Medicine's 37<sup>th</sup> Critical Care Congress. Honolulu, Hawaii.

March 2008: "Acute pressure syndromes in cardiovascular medicine". Presented at the China Interventional Therapeutics 2008 congress. Beijing, China.

April 2008: "The diagnosis and treatment of hypertensive crises". Presented at the first annual symposium New Trends In critical Care. Houston, Texas.

May 2008: "A new option for treating severe hypertension". Presented at Oklahoma Heart's 19<sup>th</sup> Annual Update in Cardiology: Changing Paradigms. Tulsa, OK.

May 2008: "Therapeutic hypothermia in acute and critical care settings". Presented at Grand Rounds of Houston Northwest Medical Center. Houston, TX.

May 2008: "The VELOCITY trial: What is new in acute hypertension". Presented at The Pharmacy and Therapeutics Society meeting. Houston, TX.

May 2008: "Feasibility of nasopharyngeal selective brain cooling: Hemodynamic stability study in human volunteers". Presented at the 9<sup>th</sup> Scientific Congress of the European Resuscitation Council (ERC). Ghent, Belgium.

May 2008: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Department of Emergency Medicine Grand Rounds of Christus Muguerza Hospital. Monterrey, Mexico.

May 2008: "Therapeutic hypothermia in the year 2008". Presented at the Department of Emergency Medicine Grand Rounds of Christus Muguerza Hospital. Monterrey, Mexico.

June 2008: "Diagnosis and special considerations in the treatment of chronic obstructive lung disease". Presented at the "EPOC: Una nueva era en su tratamiento" course by the Universidad Autonoma de Nuevo Leon. Mexico City, Mexico.

June 2008: "Meeting the needs of patients with acute severe hypertension: Current practices and future directions". Presented at the 2008 American Hospital Pharmacists Summer Meeting. Seattle, WA.

July 2008: "Treatment considerations in chronic obstructive lung disease". Presented at the "EPOC: Una nueva era en su tratamiento" course by New York University and the Universidad Autonoma de Nuevo Leon. Guadalajara, Mexico

August 2008: "Diving emergencies". Presented at the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2008: "Optimizing blood pressure in the perioperative setting". Presented at the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2008: "Selective brain hypothermia in 2008: An update". Presented at the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2008: "What is new in cardiopulmonary resuscitation pharmacology?". Presented at the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.



October 2008: "What is new in the diagnosis and treatment of hypertensive emergencies?". Presented at The Cleveland Clinic department of emergency medicine. Cleveland, OH.

October 2008: "Acute Hypertension and the New Kid on the Block". Presented at the department of Emergency Medicine. Henry Ford Hospital System. Detroit, MI.

October 2008: "Clevidipine and the VELOCITY trial". Presented at Department of Pharmacy, Indiana Heart Hospital. Indianapolis, IN.

October 2008: "Advances in neuro-critical care". Presented at the 74<sup>th</sup> Assembly of the American College of Chest Physicians, CHEST 2008. Philadelphia, PA.

November 2008: "How do I look after the morbidly obese patient in the ICU?". Presented at the Asia Pacific Critical Care 2008 Congress. Sydney, Australia.

November 2008: "Management of hypertensive emergencies". Presented at the Asia Pacific Critical Care 2008 Congress. Sydney, Australia.

December 2008: "Understanding acute hypertension". Presented at the Department of Cardiology, Riverview Hospital. Indianapolis, IN.

December 2008: "Management of hypertension in cardiovascular surgery". Presented at Providence Hospital, Columbia, SC.

January 2009: "Acute hypertension in the cardiothoracic ICU". Presented at the Surgical Intensive Care Unit grand rounds of Providence Hospital. Birmingham, MI.

January 2009: "Therapeutic hypothermia in the year 2009". Presented at Interdepartmental Grand Rounds of Houston Northwest Medical Center. Houston, TX.

January 2009: "Non cardiac arrest indications for therapeutic hypothermia". Presented at the 38<sup>th</sup> Society of Critical Care Medicine critical care congress. Nashville, TN.

February 2009: "Achieving blood pressure control in the acute care patients". Presented at the 38<sup>th</sup> Society of Critical Care Medicine critical care congress. Nashville, TN.

February 2009: "Perioperative hypertension". Presented at Anesthesiology Grand Rounds. St. Francis Hospital. Hartford, CT.

March 2009: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Sexto Congreso Nacional de la Universidad Autonoma de Chihuahua Cuarto Congreso Medical Internacional "Evidencias Medicas para la Trascendencia Humana". Chihuahua, Mexico.

March 2009: "Therapeutic Hypothermia in the year 2009". Presented at the Sexto Congreso Nacional de la Universidad Autonoma de Chihuahua Cuarto Congreso Medical Internacional "Evidencias Medicas para la Trascendencia Humana". Chihuahua, Mexico.

March 2009: "Hypothermia after cardiac arrest in the cath lab". Presented at the China Interventional Therapeutics (CIT) 2009 Congress. Beijing, China.

April 2009: "Therapeutic hypothermia: Past, present and future". Presented at the XXV Congreso Internacional de Medicina Interna. Tecnológico de Monterrey. Escuela de Medicina. Monterrey, Mexico.

May 2009: "Acute hypertension in the trauma patient". Presented at the Critical Care and Trauma Grand Rounds of Vanderbilt University. Nashville, TN.

May 2009: "Cardioselective calcium channel blockers and acute hypertension". Presented at Grand Rounds of the Division of Pulmonary and Critical Care. The Methodist Hospital. Indianapolis, IN.

May 2009: "Acute hypertension: What is new and what is old?" Presented at the monthly meeting of the St. Louis Association of Emergency Physicians. St. Louis, MO.

June 2009: "Dihydropyridine calcium channel blockers in anesthesia". Presented at the Department of Anesthesia grand rounds of Ingham Regional Medical Center. Lansing, MI.

June 2009: "Acute hypertension: What's old and what's new?" Presented at the Critical Care grand rounds of Ingham Regional Medical Center. Lansing, MI.

July 2009: "CPR: Past, present and future". Presented at the XXXIV Curso Internacional de Medicina Interna. Mexico city, Mexico.

July 2009: "Therapeutic hypothermia: What every internist should know". Presented at the XXXIV Curso Internacional de Medicina Interna. Mexico city, Mexico.

July 2009: "Critical care economics". Presented at the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

July 2009: "Hypothermia in the management of traumatic brain injury". Presented at the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

July 2009: "The management of the morbidly obese patient in the ICU". Presented at the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

July 2009: "Update in the management of acute hypertension". Presented at the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

August 2009: "How to write a medical manuscript". Presented at the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

September 2009: "Acute hypertension in the cardiovascular operating room". Presented at the Department of Anesthesiology Grand Rounds. St. Louis University Medical Center. St. Louis, MO.

October 2009: "Vasopressin: Use in the intensive care unit". Presented at the XXXVI Reunión Anual de la Asociación Mexicana de Medicina Crítica y Terapia Intensiva y XXXII Reunión Anual de la Asociación Mexicana de Enfermeras Especializadas en Medicina Crítica y Terapia Intensiva. Acapulco, México.

October 2009: "Selective Brain Hypothermia in 2009". Presented at the XXXVI Reunión Anual de la Asociación Mexicana de Medicina Crítica y Terapia Intensiva y XXXII Reunión Anual de la Asociación Mexicana de Enfermeras Especializadas en Medicina Crítica y Terapia Intensiva. Acapulco, México.

December 2009: "Intravenous calcium channel blockers in acute hypertension in the neurology patient: Where are we?". Presented at Neurology Grand Rounds, Methodist Hospital. Indianapolis, IN.

March 2010: "Therapeutic hypothermia: Past, present and future". Presented at the New Zealand ANZICS Conference Hawke's Bay 2010. Hastings, New Zealand.

March 2010: "Obesity in the ICU". Presented at the New Zealand ANZICS Conference Hawke's Bay 2010. Hastings, New Zealand.

March 2010: "Managing hypertensive crisis in the ICU". Presented at the New Zealand ANZICS Conference Hawke's Bay 2010. Hastings, New Zealand.

March 2010: "Withholding and withdrawing therapy in the United States". Presented at the New Zealand ANZICS Conference Hawke's Bay 2010. Hastings, New Zealand.

March 2010: "Why my ICU is different. USA; Where the user pays". Presented at the New Zealand ANZICS Conference Hawke's Bay 2010. Hastings, New Zealand.

March 2010: "The Varon-Strickman procedure: Pulmonary thrombolysis with Angiojet in the cardiac cath laboratory". Presented at cardiology Grand Rounds. Rajjin Hospital. Shanghai, China.

April 2010: "Therapeutic hypothermia in the cardiac catheterization laboratory". Presented at the 2010 China Interventional Therapeutics congress. Beijing, China.

April 2010: "Sepsis: What is new in the year 2010?". Presented at Cool Topics in Emergency and Trauma Care at the Annual Meeting of the Houston Emergency Medicine Nurses Association. Galveston, TX.

April 2010: "Selective brain hypothermia". Presented at the Saudi Critical Care Society International Conference and 5<sup>th</sup> International Pan-Arab Critical Care Medicine Congress. Jeddah, Saudi Arabia.

April 2010: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Saudi Critical Care Society International Conference and 5<sup>th</sup> International Pan-Arab Critical Care Medicine Congress. Jeddah, Saudi Arabia.

April 2010: "The diagnosis and treatment of hypertensive crisis". Presented at the Saudi Critical Care Society International Conference and 5<sup>th</sup> International Pan-Arab Critical Care Medicine Congress. Jeddah, Saudi Arabia.

April 2010: "Therapeutic hypothermia: Past, present and future". Presented at the Saudi Critical Care Society International Conference and 5<sup>th</sup> International Pan-Arab Critical Care Medicine Congress. Jeddah, Saudi Arabia.

June 2010: "Perioperative hypertension". Presented at Grand Rounds of the Department of Anesthesiology, Perioperative Medicine and Pain Treatment of Shaare Zedek Medical Center. Jerusalem, Israel.

June 2010: "Cardiopulmonary resuscitation: Past, present and future". Hadassah Hebrew University Medical Center Medical Student advanced life support course. Jerusalem, Israel.

July 2010: "Perioperative hypertension: What every clinician should know". Presented at the 17th International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

October 2010: "The importance of hemodynamic control in the critical care setting and the role of short-acting beta-blockers". Presented at Grand Rounds, Department of Pulmonary and Critical Care Medicine, University of Tennessee. Memphis, TN.

October 2010: "Neurology in the ICU: Intracranial hypertension and other catastrophes". Presented at the American College of Chest Physicians CHEST 2010 congress. Vancouver, Canada.

November 2010: "A comparative effectiveness trial of intravenous (IV) nicardipine vs. labetalol in patients with hypertensive crises and renal dysfunction. Presented at the American College of Chest Physicians CHEST 2010 congress. Vancouver, Canada.

December 2010: "Resuscitation in general medical wards: Who decides?" Presented at the 10<sup>th</sup> Scientific Congress of the European Resuscitation Council: Resuscitation 2010. Porto, Portugal.

December 2010: "Therapeutic hypothermia in Southeast Asia" Presented at the 10<sup>th</sup> Scientific Congress of the European Resuscitation Council: Resuscitation 2010. Porto, Portugal.

February 2011: "Hemodynamic control in the critical care setting". Presented at Grand Rounds, Breckendrige Hospital. Austin. TX.

February 2011: "Treatment of hemodynamically significant supraventricular tachycardia". Presented at the 13<sup>th</sup> Annual Cardiovascular Institute of North Colorado Conference. Greeley, CO.

March 2011: "Acute coronary syndromes: The importance of adequate blood pressure control". Presented at the China Interventional Therapeutics (CIT 2011) congress. Beijing, China.

March 2011: "Late breaking interventions and first report investigations". Presented at the China Interventional Therapeutics (CIT 2011) congress. Beijing, China.

May 2011: "Perioperative beta-blockade: Why does the controversy still exist?". Presented at the 49<sup>th</sup> Annual Weil Symposium on Critical Care and Emergency Medicine. Rancho Mirage, CA.

May 2011: "Managing heart rhythm and blood pressure in the perioperative setting". Presented at Heart Rhythm 2011. San Francisco, CA.

July 2011: "Intracranial hypertension and traumatic brain injury". Presented at the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2011: "Postoperative hypertension". Presented at the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2011: "Selective brain hypothermia". Presented at the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2011: "How to write a manuscript and get it published". Presented at the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2011: "How to perform an accurate bibliographic search in biomedical sciences". Presented at the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2011: "Plagiarism 101". Presented at the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2011: "Therapeutic hypothermia in the year 2011". Presented at Grand Rounds, Universidad Anahuac del Norte, School of Medicine. Mexico city, Mexico.

September 2011: "Hypertensive crises, dysrhythmia and hemodynamic stabilization in medicalsurgical critical care". Presented at the International Symposium on Hemodynamics and Brain Multimodality Monitoring (ISHM). Seoul, Korea.

September 2011: "Therapeutic hypothermia: past, present and future". Presented at the International Symposium on Hemodynamics and Brain Multimodality Monitoring (ISHM). Seoul, Korea.

September 2011: "Selective brain hypothermia". Presented at the 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel.

September 2011: "Brain protective strategies in the operating rooms and the intensive care unit". Presented at the 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel.

September 2011: "Masterclass in resuscitation: Therapeutic hypothermia". Presented at the 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel.

September 2011: "Considerations in the management of hypertensive emergencies". Presented at the Department of Neurology Grand Rounds of East Jefferson Hospital. New Orleans, LA.

-February 2012: "Hypertensive crises, dysrhythmia and hemodynamic stabilization in medicalsurgical critical care". Presented at Grand Rounds. Department of Emergency Medicine. Methodist Hospital. San Antonio, TX.

March 2012: "Ultrasound-guided IVC filter placement: When, how and who should place it?" Presented at the CIT 2012 China Interventional Therapeutics in Partnership with TCT meeting. Beijing, China.

March 2012: "The role of intravenous beta-blockers in emergency medicine". Presented at Grand Rounds of Veterans Administration hospital. San Antonio, TX.

April 2012: "Hemodynamic control". Presented at the Mountain to Sound Chapter of the American Association of Critical Care Nurses. Seattle, WA.

April 2012:" Approach to hypertensive crises". Presented at Ground Rounds, Department of Medicine. Swedish Hospital. Seattle, WA.

May 2012: "Therapeutic hypothermia controversies: When to cool, what to cool and how to cool". Presented at the 15<sup>th</sup> Congress of the Society of Chest Pain Centers. Orlando, FL.

July 2012: "Management of the morbidly obese critically ill patient". Presented at the 7<sup>th</sup> Symposium on Nutri Indonesia and 1st International Symposium on Nutrition. Jakarta, Indonesia.

July 2012: "Intravascular ultrasound in the ICU: The case of the IVC filters". Presented at the 19<sup>th</sup> International Symposium on Critical Care and Emergency Medicine 2012. Kuta, Bali, Indonesia.

October 2012: "Therapeutic hypothermia in the neurological patient". Presented at NeurologíaCEMUS 2012. Universidad de Sonora. Hermosillo, Mexico.

October 2012: "Therapeutic hypothermia for the acute respiratory distress syndrome" . Presented at the CHEST 2012, American College of Chest Physician congress. Atlanta, GA.

October 2012: "New applications for therapeutic hypothermia". Presented at the XXXIX Reunion Anual del Colegio Mexicano de Medicina Critica. León, Guanajuato, Mexico.

October 2012: "Hypertensive crises: Current management". Presented at the XXXIX Reunion Anual del Colegio Mexicano de Medicina Critica. León, Guanajuato, Mexico.

October 2012: "Inferior vena cava filter placement under endovascular ultrasound: The intensivist role." Presented at the XXXIX Reunion Anual del Colegio Mexicano de Medicina Critica. León, Guanajuato, Mexico.

November 2012: "Hemodynamic control and perioperative beta-blockers". Presented at Grand Rounds. Tampa General Hospital. Tampa, FL.

November 2012: "Therapeutic hypothermia and non-invasive cooling with hydrogel pads". Presented at 8° Foro Nacional de Tecnologías para la Salud. Centro Nacional de Excelencia Tecnológica en Salud. Mexico city, Mexico.

January 2013: "The use of beta-blockers in critical care". Presented at Satellite symposium of the Society of Critical Care Congress 2013. San Juan, Puerto Rico.

June 2013: "Ventilator-associated pneumonia". Presented at the II Congreso Centroamericano y del Caribe de Terapia Intensiva 2013 (COCECATI II). San José, Costa Rica.

June 2013: "Hypertensive crises". Presented at the II Congreso Centroamericano y del Caribe de Terapia Intensiva 2013 (COCECATI II). San José, Costa Rica.

June 2013: "Acute myocardial infarction and cardiogenic shock". Presented at the II Congreso Centroamericano y del Caribe de Terapia Intensiva 2013 (COCECATI II). San José, Costa Rica.

June 2013: "Therapeutic hypothermia in the year 2013". Presented at the II Congreso Centroamericano y del Caribe de Terapia Intensiva 2013 (COCECATI II). San José, Costa Rica.

July 2013: "Twenty years of critical care medicine". Presented at the 20<sup>th</sup> International Symposium on Critical Care and Emergency Medicine 2013. Kuta, Bali, Indonesia.

August 2013: "Therapeutic hypothermia in the critically ill patient". Presented at the Tercer Curso Interdisciplinario de Terapia Intensiva del Hospital General de Mexico Dr. Eduardo Liceaga. Mexico city, Mexico.

August 2013: "New modalities in the treatment of COPD". Presented at Universidad Autónoma de Nuevo Leon. Monterrey, Mexico.

September 2013: "Therapeutic hypothermia in the year 2013". Presented at the Department of Emergency Medicine and Intensive Care Medicine of Chiba Medical Center. Chiba City, Japan.

September 2013: "Indications for therapeutic hypothermia". Presented at the IX Congreso Nacional de Medicina Critica y Emergencias. San Salvador, El Salvador.

September 2013: "Hypertensive crises". Presented at the IX Congreso Nacional de Medicina Critica y Emergencias. San Salvador, El Salvador.

October 2013: "Addressing risk of exacerbations in COPD and future treatment options". Presented at the meeting of the Sociedad Colombiana de Neumología y Cirugía del Torax. Bogota, Colombia.

October 2013: "Update in the management of warfarin-related bleeding". Presented at the Department of Emergency Medicine Grand Rounds. Baptist hospital. Jacksonville, FL.

October 2013: "Is procalcitonin a reliable prognostic indicator in patients that undergo therapeutic hypothermia". Presented at the European Resuscitation Council Congress 2013. Krakow, Poland.

October 2013: "How do I manage a case of massive pulmonary embolism". Presented at the Primer Congreso Internacional de Medicina de Emergencias. Monterrey, Mexico.

October 2013: "Cardiopulmonary resuscitation: Past, present and future". Presented at the Primer Congreso Internacional de Medicina de Emergencias. Monterrey, Mexico.

November 2013: "Live demonstration in the cath lab". Presented at the 9<sup>th</sup> Asian Interventional Cardiovascular Therapeutic congress. Bangkok, Thailand.

November 2013: "Learning from the Master Therapeutic hypothermia in the cath lab". Presented at the 9<sup>th</sup> Asian Interventional Cardiovascular Therapeutic congress. Bangkok, Thailand.

November 2013: Keynote speaker lecture. "Acute severe hypertension in neurological patients: Treatment options and outcomes." Presented the American Heart Association Scientific Sessions 2013. Dallas, TX.

February 2014: "Reversal of warfarin toxicity". Presented at the monthly meeting of the Dallas Society of Critical Care. Dallas, TX.

February 2014: "Coagulation abnormalities in the emergency department". Presented at the Tampa Society of Emergency Medicine. Tampa, FL.

March 2014: "Hypertensive crises in the cardiac catheterization laboratory". Presente at CIT2014 (China Interventional Therapeutics in Partnership with TCT) Congress. Shanghai, China.

March 2014: "Therapeutic hypothermia in the year 2014". Presented at the 2014 China NeuroIntensive Care Congress. Beijing, China.

March 2014: "Pharmacology program IV: Hypertensive emergencies and urgencies". Presented at the 63<sup>rd</sup> Annual Scientific Session and Expo of the American College of Cardiology. Washington, D.C.

April 2014: "Myths and controversies in therapeutic hypothermia". Presented at the Sociedad de Cuidados Intensivos. Panama city, Panama.

April 2014: "Therapeutic hypothermia: Past, present and future". Presented at Clínica Hospital San Fernando Congreso Medico. Panama city, Panama.

April 2014: "Management of hypertensive crises". Presented at Clínica Hospital San Fernando Congreso Medico. Panama city, Panama.

April 2014: "Resuscitation beyond the guidelines: Past, present and future". Presented at the 7th Kongress der Arbeitsgemeinschaft fur Notfallmedizin. Graz, Austria.



May 2014: "PCT levels as predictors of neurological outcome in patients with cardiac arrest treated with therapeutic hypothermia: A retrospective study". Presented at Resuscitation 2014: The pathway to new guidelines. Bilbao, Spain.

May 2014: "CRP as a biomarker for neurological outcomes in patients undergoing therapeutic hypothermia". Presented at Resuscitation 2014: The pathway to new guidelines. Bilbao, Spain.

August 2014: Management and outcome of acute hypertension in neurological patients. Presented at the 21<sup>st</sup> International Symposium on Critical Care and Emergency Medicine 2013. Kuta, Bali, Indonesia.

September 2014: "Reversal of warfarin toxicity". Presented at the 2014 Annual Meeting of the Society for the Advancement of Blood Management. Houston, TX.

September 2014: "Selectively cool the brain". Presented at the 23<sup>rd</sup> International Congress of the Israel Society of Anesthesiologists and Critical Care. Tel Aviv, Israel.

September 2014: "The critical care perspective: The American experience in withdrawing and withholding care in the ICU". Presented at the 23<sup>rd</sup> International Congress of the Israel Society of Anesthesiologists and Critical Care. Tel Aviv, Israel.

October 2014: "Therapeutic hypothermia: Myths and controversies". Presented at Jornadas Medicas 2014 at the Universidad Autonoma de Baja California. Tijuana, Mexico.

November 2014: Keynote Speaker Lecture "Therapeutic hypothermia in cardiovascular medicine". Presented at the BIT's 6<sup>th</sup> Annual International Congress of Cardiology. Haikou, China.

November 2014: Best practice of clinical cardiology lecture "The diagnosis and treatment of hypertensive crises". Presented at the BIT's 6<sup>th</sup> Annual International Congress of Cardiology. Haikou, China.

December 2014: "Therapeutic hypothermia: Past, present and future". Presented at the IV Congreso Noreste de Medicina de Urgencias y Cuidados Críticos. Tampico, Mexico.

December 2014: "Fluid management: Perioperative implications for practice". Presented at the 68<sup>th</sup> Annual Postgraduate Assembly in Anesthesiology. New York, NY.

January 2015: "Hypertensive crises: What's old and what is new?" . Presented at the Department of Cardiology Grand Rounds. Henry Ford Hospital. Detroit, MI.

January 2015: "Fluid management". Presented at the Dallas Chapter of the Society of Critical Care Medicine. Dallas, TX.

February 2015: "Fluid management: Perioperative implications for practice". Presented at the Dallas County Society of Anesthesiology. Dallas, TX.

February 2015: "Fluid management in the operating room". Presented at the 5<sup>th</sup> Annual Meeting of the Nebraska Society of Perfusion. Lincoln, NE.

March 2015: "Hypothermia in ARDS and sepsis". Presented at the 5<sup>th</sup> Annual Therapeutic Hypothermia and Temperature Management symposium: Current and Future. Chilling at the Beach. Miami, FL.

March 2015: "Inferior vena cava filter placement at the bedside: An intensivist experience". Presented at the China Interventional Therapeutics in Partnership with TCT CIT 2015. Beijing, China.

May 2015: "Pro/Con Debate: Hyperoxia after CPR. Presented at the 1<sup>st</sup> Conference of the Israel Society of Resuscitation. Tel Aviv, Israel.

May 2015: "Pro/Con Debate: Temperature management after cardiac arrest. Presented at the 1<sup>st</sup> Conference of the Israel Society of Resuscitation. Tel Aviv, Israel.

May 2015: "Acute severe hypertension in neurological patients: Treatment options and outcomes. Presented at the Department of Emergency Medicine Grand Rounds of Shaare Zedek Medical Center. Jerusalem, Israel.

May 2015: "Fluid management in the operating room". Presented at the Annual Meeting of the Houston Society of Perfusion. Houston, TX.

May 2015: "Reversal of anticoagulation in the ICU". Presented at the Nashville Association of Pharmacists monthly meeting. Nashville, TN.

June 2015: "Controversies in therapeutic hypothermia". Presented at the III Congreso Centroamericano y El Caribe de Terapia Intensiva (COCECATI). San Salvador, El Salvador.

June 2015: "Therapeutic hypothermia in the treatment of ARDS". Presented at the III Congreso Centroamericano y El Caribe de Terapia Intensiva (COCECATI). San Salvador, El Salvador.

July 2015: "Albumin in the operating room". Presented at the Department of Pharmacy monthly meeting of the University of Mississippi. Jackson, MS.

July 2015: "Therapeutic hypothermia for ARDS and sepsis". Presented at the 22<sup>nd</sup> Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

July 2015: "The Varon-Ayus syndrome: Hyponatremia of the marathon runner". Presented at the 22<sup>nd</sup> Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

August 2015: "The management of the morbidly obese patient in the ICU". Presented at the 10<sup>th</sup> Symposium on Nutri Indonesia. Jakarta, Indonesia.

September 2015: “Therapeutic hypothermia for the acute respiratory distress syndrome”. Presented at Conferinta stiintifico-practica: Actualitati in pneumologie. Moldovan Respiratory Society. Chisinau, Moldova.

September 2015: “Current Respiratory Medicine Reviews: Past, present and future”. Presented at Conferinta stiintifico-practica: Actualitati in pneumologie. Moldovan Respiratory Society. Chisinau, Moldova.

September 2015: “Therapeutic hypothermia: Past, present and future”. Presented at the 4<sup>th</sup> International Congress of Moldovan Society of Anesthesiology and Intensive Care and The III<sup>rd</sup> Common Congress of Romanian Society of Anesthesia and Intensive Care and Moldovan Society of Anesthesia and Intensive Care “România Dodoloapă – Round Romania”. Chisinau, Moldova.

September 2015: “Hypertensive crises: Old and new concepts”. Presented at the 4<sup>th</sup> International Congress of Moldovan Society of Anesthesiology and Intensive Care and The III<sup>rd</sup> Common Congress of Romanian Society of Anesthesia and Intensive Care and Moldovan Society of Anesthesia and Intensive Care “România Dodoloapă – Round Romania”. Chisinau, Moldova.

October 2015: “Fluid management in the critically ill”. Presented at the Texas Chapter of the Society of Critical Care Medicine. San Antonio, TX.

October 2015: “When terminal illness is worse than death: A multicenter study of healthcare providers’ resuscitation desires”. Presented at the American College of Chest Physicians CHEST 2015 Annual Meeting. Montreal, Canada.

October 2015: “Organ donation among healthcare providers: Is giving and receiving similar?”. Presented at the American College of Chest Physicians CHEST 2015 Annual Meeting. Montreal, Canada.

October 2015: “Decisions regarding cardiopulmonary resuscitation: Who really has the final word, the patient or the doctor?”. Presented at the European Resuscitation Council congress, Resuscitation 2015. Prague, Czech Republic.

October 2015: “It goes both ways: Hospital workers’ confidence in making resuscitation decisions for their own family and in their family for making a decision for themselves”. Presented at the European Resuscitation Council congress, Resuscitation 2015. Prague, Czech Republic.

October 2015: “Preferences regarding code status among different healthcare workers.” Presented at the European Resuscitation Council congress, Resuscitation 2015. Prague, Czech Republic.

October 2015: “Religion and life-support withdrawal in children: What do healthcare providers wish?”. Presented at the European Resuscitation Council congress, Resuscitation 2015. Prague, Czech Republic.

October 2015: "False memories and illusions of success? Medical healthcare professionals claims of having seen a patient returning to normal activity after cardiopulmonary resuscitation". Presented at the European Resuscitation Council congress, Resuscitation 2015. Prague, Czech Republic.

November 2015: "Controversies in therapeutic hypothermia". Presented at the XLII Reunion Anual del Colegio Mexicano de Medicina Critica, A.C., Guadalajara, Mexico.

November 2015: Inferior vena cava filters placed by intesivists: A solution to a problem. Presented at the XLII Reunion Anual del Colegio Mexicano de Medicina Critica, A.C., Guadalajara, Mexico.

November 2015: "How to become a good doctor". Presented at SIFA University. Izmir, Turkey.

November 2015: "The management of the obese patient in the ICU". Presented at the Multidisciplinary Approach Obesity Congress. Izmir, Turkey.

December 2015: "Perioperative fluid management". Presented at the St. Louis Society of Anesthesiologist. St. Louis, MO.

December 2015: "Therapeutic hypothermia in ARDS and sepsis". Presented at the Simposio de cardiologia critica. Hospital Angeles del Carmen. Guadalajara, Mexico.

-December 2015: "Cardiopulmonary resuscitation: Past, present and future. Presented at the Simposio de Cardiología Crítica. Hospital Angeles del Carmen. Guadalajara, Mexico.

December 2015: "Hypertensive crises in the ICU". Presented at the Simposio de Cardiología Crítica. Hospital Angeles del Carmen. Guadalajara, Mexico.

January 2016: "Cardiopulmonary resuscitation: Lessons from the past". Presented at the Benemerita Universidad Autonoma de Puebla. Puebla, Mexico.

January 2016: "Controversies in therapeutic hypothermia". Presented at the Colegio Mexicano de Medicina Critica. Mexico City, Mexico.

January 2016: "Management of acute hyprtension in the neurological patient". Presented at the Department of Medicine Grand Rounds of Shaare Tzedek Medical Center, Jerusalem, Israel.

February 2016: "Controversies in therapeutic hypothermia". Presented at the Asociación Panameña de Medicina Critica. Panama city, Panama.

March 2016: "Inferior vena cava filters inserted at the bedside". Presented at the 2016 China Interventional Therapeutics Congress (CIT 2016). Beijing, China.

March 2016: "Therapeutic hypothermia in 2016". Presented at Department of Emergency Medicine Grand Rounds, Pekin University Third Hospital. Beijing, China.

April 2016: "I am homosexual. Will my autonomy as a patient be respected by health care providers?" Presented at the Chest World Congress. Shanghai, China.

April 2016: "Bad news: Are you ready? Healthcare providers perceptions regarding their training to deliver bad news." Presented at the Chest World Congress. Shanghai, China.

April 2016: "ICU approach by healthcare providers towards sexual offenders." Presented at the Chest World Congress. Shanghai, China.

May 2016: "Resuscitation: As seen on TV". 2<sup>nd</sup> Conference of the Israeli Society of Resuscitation. Ramat Gan, Israel.

May 2016: "Fluid management in the perioperative setting". Presented at the Department of Anesthesia Grand Rounds. Riverside Community Hospital. Riverside, CA.

July 2016: "Nutritional requirements for patients undergoing therapeutic hypothermia". Presented at the 11<sup>th</sup> Symposium on Nutri Indonesia and 3<sup>rd</sup> International Nutrition Symposium. Jakarta, Indonesia.

August 2016: "CPR: As seen on TV". Presented at the 23<sup>rd</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2016. Kuta, Bali, Indonesia.

August 2016: "Therapeutic hypothermia in the treatment of ARDS". Presented at the 23<sup>rd</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2016. Kuta, Bali, Indonesia.

August 2016: "Therapeutic hypothermia". Presented of Child Health Grand Rounds. Faculty of Medicine Udayana University. Sanglah Hospital. Denpasar, Bali, Indonesia.

September 2016: "Therapeutic hypothermia for ARDS". Presented at the 6<sup>th</sup> International Hypothermia and Temperature Management Symposium. Thomas Jefferson University. Philadelphia, PA.

September 2016: "Resuscitation education in television medical dramas: The TVMD Study". Presented at the Congress of the European Resuscitation Council. Reykjavik, Iceland.

October 2016: "Therapeutic hypothermia: History and physiological basis". Presented at the XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

October 2016: "Uncommon indications for targeted temperature management". Presented at the XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

October 2016: "Devices and methods in temperature management". Presented at the XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

October 2016: "Current and future research options in therapeutic hypothermia". Presented at the XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

October 2016: "Use of religion while caring for critically ill patients: Analysis of the ETHICS study". Presented at the XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

October 2016: "Therapeutic hypothermia for ARDS and sepsis". Presented at CHEST Annual Meeting 2016. Los Angeles, CA.

January 2017: "Therapeutic hypothermia in traumatic brain injury". Presented at Primer Simposio Internacional del enfoque terapeutico de la lesion cerebral traumatica. Hospital General Xoco. Mexico city, Mexico.

January 2017: "Introduction, history and physiological basis of therapeutic hypothermia". Presented at Primer Simposio Internacional del enfoque terapeutico de la lesion cerebral traumatica. Hospital General Xoco. Mexico city, Mexico.

January 2017: "Unusual indications and areas of controversy in therapeutic hypothermia and targeted temperature management". Presented at Primer Simposio Internacional del enfoque terapeutico de la lesion cerebral traumatica. Hospital General Xoco. Mexico city, Mexico.

January 2017: "Application and monitoring of therapeutic hypothermia". Presented at Primer Simposio Internacional del enfoque terapeutico de la lesion cerebral traumatica. Hospital General Xoco. Mexico city, Mexico.

-January 2017: " Research ad future in therapeutic hypothermia". Presented at Primer Simposio Internacional del enfoque terapeutico de la lesion cerebral traumatica. Hospital General Xoco. Mexico city, Mexico.

March 2017: "Bedside inferior vena cava filters: Who, when and how?". Presented at the China Interventional Therapeutics 2017. Beijing, China.

May 2017: "Targeted temperature management in ARDS and sepsis". Presented at the Department of Emergency Medicine Grand Rounds, American British Cowdray Hospital Santa Fe. Mexico city, Mexico.

June 2017: "Race as a factor in providing care". Presented at the Joint CHEST-SGP Congress. Basel, Switzerland.

June 2017: "Does religion affect the care given by providers of sexual offender patients?". Presented at the Joint CHEST-SGP Congress. Basel, Switzerland.

July 2017: "How to write a manuscript: Printed or electronic journal? Presented at the 12<sup>th</sup> Symposium of Nutri Indonesia in Conjunction with 4<sup>th</sup> International Nutrition Symposium. Jakarta, Indonesia.

July 2017: "The management of the morbidly obese critically ill patient". Presented at the 12<sup>th</sup> Symposium of Nutri Indonesia in Conjunction with 4<sup>th</sup> International Nutrition Symposium. Jakarta, Indonesia.

August 2017: "Ethical issues in critical care: The USA experience". Presented at the 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017. Kuta, Bali, Indonesia.

August 2017: "Nutritional requirements for patients undergoing therapeutic hypothermia". Presented at the 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017. Kuta, Bali, Indonesia.

August 2017: "How to write a manuscript and get it published". Presented at the 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017. Kuta, Bali, Indonesia.

September 2017: "Cardiopulmonary resuscitation: ACLS guidelines and beyond". Presented at the Jornadas Medicas y de Ciencias de Salud. Universidad Anahuac, Cancun, Mexico.

September 2017: "Therapeutic hypothermia: Past, present and future". Presented at the Jornadas Medicas y de Ciencias de Salud. Universidad Anahuac, Cancun, Mexico.

October 2017: "Thoracic lung herniation secondary to pleural effusion; A case report". Presented at the CHEST Annual Meeting 2017. Toronto, Canada.

October 2017: "Are we prepared to give bad news? An international survey analysis." Presented at the CHEST Annual Meeting 2017. Toronto, Canada.

October 2017: "Religion as a factor when treating homosexual patients: Results of a large international multicenter study". Presented at the CHEST Annual Meeting 2017. Toronto, Canada.

November 2017: "Therapeutic hypothermia". Presented at the Congreso Nacional de Topics Selectos en Terapia Intensiva. Hospital Regional de Alta Especialidad de Ixtapaluca. Estado de Mexico, Mexico.

November 2017: "Electronic cigarretes: Lung damage and possible relation to cancer". Presented at the Tercer Congreso de Oncologia Agrupacion George Papanicolau Sociedad Mexicana de Oncologia. Hermosillo, Mexico.

November 2017: "Therapeutic hypothermia". Presented at II Congreso Internacional de Ciencias de la Salud, Urgencias y Emergencias en Ciencias de la Salud. Playas de Rosarito, Baja California, Mexico.

November 2017: "Placement of IVC filters by intensivists". Presented at the SECI17, Semana Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

November 2017: "Nutrition during therapeutic hypothermia". Presented at the SECI17, Semana Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

November 2017: "Therapeutic hypothermia in the year 2017: Controversies". Presented at the SECI17, Semana Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

November 2017: "Hypertensive crises". Presented at the SECI17, Semana Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

January 2018: "Therapeutic hypothermia in space". Presented at the Translational Research Institute in collaboration with NASA. Houston, TX.

February 2018: Course Director, "Practical Bronchoscopy for Intensivists". Sanamed Communications. Hermosillo, Mexico.

March 2018: Course Director, "Practical Bronchoscopy for Intensivists". Sanamed Communications. San Salvador, El Salvador.

March 2018: "Inferior vena cava placement in the ICU by intensivists using endovascular ultrasound". Presented at the China Interventional Therapeutics in Partnership with TCT, CIT 2018. Suzhou, China.

April 2018: Course Director, "Practical Bronchoscopy for Intensivists". Sanamed Communications. Presented at the Asociacion de Medicina Intensiva de Costa Rica. San Jose, Costa Rica.

April 2018: "Perfusion and Hemodynamics". Presented at the April 2018: Panama International Critical Care Congress. 11avo Congreso Pañameno de Medicina Critica y Terapia Intensiva. Panama city, Panama.

April 2018: "Nutrition during therapeutic hypothermia". Presented at the Panama International Critical Care Congress. 11avo Congreso Pañameno de Medicina Critica y Terapia Intensiva. Panama city, Panama.

April 2018: "Controversies in Targeted Temperature Management". Presented at the Panama International Critical Care Congress. 11avo Congreso Pañameno de Medicina Critica y Terapia Intensiva. Panama city, Panama.

May 2018: "Other gases during and after CPR: Xenon, argon, nitric oxide". Presented at the 3<sup>rd</sup> Conference of the Israel Society of Resuscitation. Ramat Gan, Israel.

May 2018: "The hibernating bear and metabolism during targeted temperature management". Presented at the 3<sup>rd</sup> Conference of the Israel Society of Resuscitation. Ramat Gan, Israel.

June 2018: "Bronchial thermoplasty". Presented at 11<sup>o</sup> Congreso de la Asociación Latinoamericana de Torax (ALAT). Mexico city, Mexico.

July 2018: "Controversies in targeted temperature management". Presented at the Colegio De Terapia Intensiva de Nuevo Leon. Monterrey, Mexico.



July 2018: "Hyponatremia in marathon runners: The Varon-Ayus syndrome". Presented at the 13<sup>th</sup> Symposium on Nutri Indonesia in conjunction with the 5<sup>th</sup> International Nutrition Symposium. Jakarta, Indonesia.

July 2018: "Research, methodology and linking". Presented at the 13<sup>th</sup> Symposium on Nutri Indonesia in conjunction with the 5<sup>th</sup> International Nutrition Symposium. Jakarta, Indonesia.

August 2018: "The use of vitamin C in sepsis". Presented at the 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Indonesia.

August 2018: "Acute severe hypertension in neurological patients". Presented at the 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Indonesia.

August 2018: "How to write a manuscript and get it published". Presented at the 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Indonesia.

October 2018: "Energy expenditure during targeted temperature management; A prospective cohort study". Presented at CHEST 2018 Annual Meeting. San Antonio, Texas.

October 2018: "Bronchoscopy workshop for intensivists". Presented at Simposio Ecuatoriano de Cuidados Intensivos SECI 2018. Sociedad Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

-October 2018: "Vitamin C in sepsis". Presented at Simposio Ecuatoriano de Cuidados Intensivos SECI 2018. Sociedad Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

-October 2018: "Nutrition during hypothermia" Presented at Simposio Ecuatoriano de Cuidados Intensivos SECI 2018. Sociedad Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

November 2018: "Therapeutic hypothermia workshop". Presented at the 5<sup>to</sup>. Congreso Nacional de Topics Selectos de Terapia Intensiva. Hospital Regional de Alta Especialidad de Ixtapaluca. Ixtapaluca, Mexico.

January 2019: "Controversies in targeted temperature management/therapeutic hypothermia. Presented at the Department of Medicine Grand Rounds of East Virginia Medical School. Norfolk, VA.

March 2019: "Therapeutic hypothermia in the cardiac catheterization laboratory". Presented at CIT2019 China Interventional Therapeutics in Partnership with TCT. Beijing, China.

April 2019: "Do Asian physicians manage hypertensive crisis properly? An international survey analysis study". Presented at the World CHEST congress 2019. Bangkok, Thailand.

April 2019: "Who can perform better CPR? Cardiopulmonary resuscitation on television medical dramas: results of the TVMD2 study". Presented at the World CHEST congress 2019. Bangkok, Thailand.

April 2019: "Gender differences in cardiopulmonary resuscitation on television medical dramas: Results of the TVMD2 study". Presented at the World CHEST congress 2019. Bangkok, Thailand.

April 2019: "Prevalence of use of LAMA LABA regimen use for management of COPD in real World primary care setting". Presented at the World CHEST congress 2019. Bangkok, Thailand.

April 2019: "Does respiratory disease certification in LTAC improve the weaning from mechanical ventilator?". Presented at the World CHEST congress 2019. Bangkok, Thailand.

April 2019: "Aeromedical transport of the pulmonary critically ill patient". Presented at the 78<sup>o</sup> Congreso Internacional de Neumología y Cirugía de Tórax. Merida, Mexico.

May 2019: "Targeted temperature management controversies". Presented at the XIX Congreso Internacional de Medicina. San Luis Potosí, Mexico.

May 2019: "ENARM vs. USMLE". Presented at the XIX Congreso Internacional de Medicina. San Luis Potosí, Mexico.

May 2019: "The use of vitamin C in sepsis". Presented at Grand Rounds of Hospital General de Cancun (Dr. Jesus Kumate). Cancun, Mexico.

June 2019: "Controversies in targeted temperature management". Presented at the Congreso Centroamericano y del Caribe de Medicina Critica y Terapia Intensiva. Guatemala city, Guatemala.

-June 2019: "The use of vitamin C in sepsis". Congreso Centroamericano y del Caribe de Medicina Critica y Terapia Intensiva. Guatemala city, Guatemala.

July 2019: "The use of hydrocortisone vitamin C and thiamine in sepsis". Presented at the 14<sup>th</sup> Symposium on Nutri Indonesia in conjunction with the 6<sup>th</sup> International Nutrition Symposium. Jakarta, Indonesia.

August 2019: "The use of noble gases during and after cardiopulmonary resuscitation". Presented at the 26<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2019. Kuta, Bali, Indonesia.

September 2019: "Bronchoscopy workshop for intensivists". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Critical care of the obese patient". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Controversies in therapeutic cooling and rewarming". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Hypertensive crises". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Management of Burns". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Cardiopulmonary resuscitation pearls". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Use of vitamin C, thiamine and hydrocortisone in sepsis". Presented at the Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: "Cardiopulmonary resuscitation techniques on television medical dramas; Results of the TVMD2 study. Presented at the Scientific Congress of the European Resuscitation Council. Ljubljana, Slovenia.

October 2019: "Therapeutic hypothermia". Presented at the VII Congreso Regional de Medicina de Urgencias y Trauma Laguna 2019. Torreon, Coahuila, Mexico.

October 2019: "The use of vitamin c in sepsis". Presented at the VII Congreso Regional de Medicina de Urgencias y Trauma Laguna 2019. Torreon, Coahuila, Mexico.

October 2019: "Hydrocortisone, ascorbic acid and thiamine in sepsis". Presented at the 2nd Nutrition Summit: Bridging the Nutritional Gap with Innovtions. The Medical City Hospital. Pasig City, Phillippines.

February 2020: "Postarrest therapeutic hypothermia: Initial management". Presented at the XXXI Congreso Internacional de Medicina de Urgencias y Reanimacion. Acapulco, Guerrero, Mexico.

February 2020: "Hypertensive crises: Pearls and tricks". Presented at the XXXI Congreso Internacional de Medicina de Urgencias y Reanimacion. Acapulco, Guerrero, Mexico.

February 2020: "Pro: The use of vitamin C in sepsis". Presented at the 49<sup>th</sup> Society of Critical Care Medicine Congress and XIII Congreso Panamericano e Iberico de Medicina Critica y Terapia Intensiva. Orlando, FL.

June 2020: "My experience managing COVID patients and the MATH+ protocol". Presented at the Colegio de Medicina Critica de Nuevo Leon. Monterrey, NL, Mexico (via Zoom).

July 2020: "COVID 19 and the MATH+ protocol". Presented at the Colegio de Medicina Interna de Mexico, AC. Mexico city, Mexico (via Zoom).

August 2020: "Challenges in the management fo COVID-19 patients", Presented at the monthly meting of the Minister of Health Continued Medical Education series. Belize, Central America. (Via Zoom)

August 2020: "The diagnosis and management of the COVID19 patient". Presented at the LXV Curso Internacional de Medicina Interna. Queretaro, Mexico. (Via Zoom)

August 2020: "Controversies in therapeutic hypothermia". Presented at the LXV Curso Internacional de Medicina Interna. Queretaro, Mexico. (Via Zoom)

September 2020: "Management of my COVID19 patients: Use of the MATH+ protocol and other treatment modalities". Presented at the monthly meeting of the Colegio Mexicano de Medicina Critica. Mexico city, Mexico. (Via Zoom)

September 2020: "MATH+ COVID19 early intervention protocol: Is it effective?" Presented at Nutri Virtual Sympo 2020. Indonesian Nutrition Association. Jakarta, Indonesia. (Via Zoom)

September 2020: "MATH+ protocol in COVID19: Is it useful?", Presented at the Foro Mundial Contra la Pandemia COVID-19. Colegio Mexicano de Medicina Critica. Mexico city, Mexico. (Via Zoom).

September 2020: "COVID-19: Myths and misconceptions". Presented at the Asociación Panameña de Medicina Critica y Terapia Intensiva. Panama city, Panama. (Via Zoom)

October 2020: "Steroids, vitamin C, MATH+ protocol, Frontline Critical Care Alliance". Presented at the American College of Surgeons clinical congress. Chicago, IL. (Via Zoom)

October 2020: "COVID-19: Myths and misconceptions". Presented at the general session of the ICEST School of Medicine. Tampico, Mexico. (Via Zoom)

October 2020: "Human adaptation to COVID-19". Presented at the COFAME Congreso Online, Facultad de Medicina de Tampico. Adaptacion a la educacion medica a distancia. Tampico, Mexico. (Via Zoom).

November 2020:"COVID19: Causes of death". Presented at the 47 Congreso COMMEC Colegio Mexicano de Medicina Critica. Mexico city, Mexico. (Via Zoom).

November 2020:" Accurate health-related information in Spanish for the Spanish-speaking community". Presented at Grand Rounds of Rice UniversityCenter for Languages and Intercultural Communication. Houston, TX.

## **Courses and Meetings Attended (Continuing Medical Education)**

Apr 1981: Academic Personnel training course. Dept. of Human Histology. National University of Mexico School of Medicine. México City, México.

Sept 1983: First National Meeting of morphology Students. Autonomous University of Puebla. Puebla, México.

Oct 1983: U.I.C.C. Smoking Workshop in Mexico. Held in México City, México.

Apr 1984: Update in Pediatrics. Mexican Institute for Social Security. Held in Cuernavaca, México.

Jun 1984: Update in Plastic Surgery. General Hospital of México. México City, México.

Jun 1984: Medico-Surgical Emergencies update. General Hospital of México. México City, México.

Sept 1984: II international course of current developments in infectology. Scholarship to attend the course given by the National University of México School of Medicine. México City, México.

May 1984: First meeting on radiological techniques. General Hospital of México. México City, México.

Nov 1985: Introduction to Social Service Workshop. México City, México.

May 1986: Primary Care Tutors Workshop. Systematized clinical training techniques. México City, México.

Nov 1986: II week of cardiovascular surgery update. National Institute of Cardiology. México City, México.

Dec 1986: First International course in Echocardiography and Doppler. ABC Hospital and National Univ. of México School of Medicine. México City, México.

Aug 1987: Physician and computers. Medical College of Georgia.

Oct 1987-Jan 1988: Advanced Medical review for FMGEMS part I. Stanley H. Kaplan educational center. Houston, TX.

Apr 1988: Michael E. DeBakey International Surgical Society, Biennial meeting. Houston, TX.

Aug 1988: Basic Cardiac Life Support. American Heart Association. Providence Hospital, Washington D.C.

April 1989: Advanced Cardiac Life Support (ACLS). American Heart Association. Walter Reed Army Medical Center. Washington, D.C.

March 1991: Basic Life Support (BLS). American Heart Association. Stanford University Hospital. Stanford, CA.

March 1991: Advanced Cardiac Life Support (ACLS). American Heart Association. Stanford University Hospital. Stanford, CA.

Oct 1991: Update in Pulmonary Medicine. Baylor College of Medicine. Houston, TX.

Nov 1991: What's new in Critical Care?. American College of Chest Physicians. San Francisco, CA.

Nov 1991: 57th Annual Scientific Assembly. American College of Chest Physicians. San Francisco, CA.

Sept 1992: Mechanical Ventilation. American College of Chest Physicians. Houston, TX.

Oct 1992: 58th Annual Scientific Assembly of the American College of Chest Physicians. Chicago, Illinois.

May 1993: Basic Life Support (BLS). American Heart Association. Baylor College of Medicine & The Methodist Hospital. Houston, TX.

May 1993: Advanced Cardiac Life Support (ACLS). American Heart Association. Baylor College of Medicine & The Methodist Hospital. Houston, TX.

June 1993: 22nd Educational and Scientific Symposium of the Society of Critical Care Medicine. New York, NY. Sponsored by the Wyeth-Ayerst Fellowship Program.

October 1993: 59th Annual Scientific Assembly of the American College of Chest Physicians. Orlando, Florida.

January 1994: 23rd Educational and Scientific Symposium of the Society of Critical Care Medicine. Orlando, Florida.

Feb 1994: Advanced Cardiac Life Support Instructor's Course. American Heart Association and The Methodist Hospital. Houston, Texas.

May 1994: Diffuse parenchymal lung disease (DPLD): Key issues in diagnosis and management. American Thoracic Society, Boston, MA.

May 1994: American Lung Association/American Thoracic Society international conference. Boston, MA.

June 1994: 10th National ACCP Pulmonary Board Review Course. Universal City, California. Sponsored in part by Bristol-Myers-Squibb.

September 1994: Pulmonary Medicine Review and Update. The University of Texas M.D. Anderson Cancer Center, Houston, TX.

October 1994: Lasers in medicine. The University of Texas M.D. Anderson Cancer Center, Houston, TX.

March 1995: XXVI National Congress of the Mexican Society of Pulmonary Medicine and Thoracic Surgery. Zacatecas, Mexico.

May 1995: American Lung Association/American Thoracic Society international conference. Seattle, WA.

October 1995: Presentation Skills Seminar. Health Learning Systems. Dallas, TX.

October 1995: 61st Annual Scientific Assembly of the American College of Chest Physicians. New York, NY.

November 1995: Fourth International Congress of the Dominican Republic Society of Pulmonary Medicine and Thoracic Surgery. Santo Domingo, Dominican Republic.

January 1996: Pediatric Advanced Cardiac Life Support course. The University of Texas Health Sciences Center Houston. Houston, TX.

February 1996: Society of Critical Care Medicine 25th Educational and Scientific Symposium, New Orleans, LA.

April 1996: Canadian Critical Care Trials Investigators and Educational Meeting. Lake Louise, Canada.

May 1996: American Thoracic Society International Conference, New Orleans, LA.

June 1996: 11th National ACCP Pulmonary Board Review Course. Phoenix, AZ.

October 1996: American College of Chest Physicians 1996 Chest World Congress. San Francisco, CA.

February 1997: Society of Critical Care Medicine 26th Educational and Scientific Symposium, San Diego, CA.

May 1997: American Thoracic Society 1997 International Conference. San Francisco, CA.

May 1997: IX Curso de Asistencia Mecanica Ventilatoria y Cuidados Intensivos Respiratorios, American British Cowdray Hospital, Mexico City, Mexico.

October 1997: Clinical Congress of Diseases of the Chest (Chest 1997). New Orleans, LA.

February 1998: 27<sup>th</sup> Educational and Scientific Symposium, Society of Critical Care Medicine. San Antonio, TX.

November 1998: Chest 1998 American College of Chest Physicians meeting. Toronto, Canada.

January 1999: Society of Critical Care Medicine 28<sup>th</sup> educational and Scientific Symposium, San Francisco, CA.

March 1999: 19<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

June 1999: VI Congreso Panamericano Iberico de Medicina Critica y Terapia Intensiva. Quito, Ecuador.

October 1999: I Reunión del Atlantico. La Medicina Intensiva en el Año 2000. Oviedo, Spain.

October 1999: II Joint Symposium of the Mexican Society of Critical Care Medicine and the Society of Critical Care Medicine. Acapulco, Mexico.

November 1999: 65<sup>th</sup> Annual and Scientific Symposium of the American College of Chest Physicians. Chicago, IL.

February 2000: 29<sup>th</sup> Scientific and Educational Symposium of the Society of Critical Care Medicine. Orlando, FL.

March 2000: 38<sup>th</sup> Annual Symposium on Critical Care, Trauma and Emergency Medicine of the University of Southern California and the Institute of Critical Care Medicine, Las Vegas, NV.

October 2000: Chest 2000 World Congress on diseases of the chest, San Francisco, CA.

November 2001: Chest 2001, World Congress on diseases of the chest. Philadelphia, PA.

January 2002: 31<sup>st</sup> Scientific and Educational Symposium of the Society of Critical Care Medicine. San Diego, CA.

March 2002: 22<sup>nd</sup> International Symposium on Intensive Care medicine and Emergency Medicine. Brussels, Belgium.

June 2002: II Congreso Internacional de Medicina de Urgencias Urgencias en el Adulto Mayor. Universidad de Monterrey and Consejo Mexicano de Medicina de Urgencias. Monterrey, Mexico.

August 2002: Interventional Pulmonology Workshop of the 4<sup>th</sup> International Meeting on Respiratory Care Indonesia (Repina 2002). Nusa Dua, Bali, Indonesia.

August 2002: 12<sup>th</sup> Congress of the Western Pacific Association on Critical Care Meeting. Nusa Dua, Bali, Indonesia.

November 2002: Chest 2002, American College of Chest Physicians. San Diego, California.

March 2003: Protecting Human Research Subjects in Biomedical and Genetics Research. UCLA, California.

June 2003: Medical ethics. Vanderbilt University Medical Center, Nashville, TN.

August 2003: 10<sup>th</sup> International Symposium on Shock and Critical Care. Jakarta, Indonesia.

September 2003: Ventilator workshop. Evidence Based Critical Care Practice. Society of Intensive Care Medicine, Singapore.



September 2003: 3<sup>rd</sup> General Scientific Meeting. Society of Intensive Care (Singapore): Evidence Based critical Care Practice. Singapore.

October 2003: American College of Chest Physicians Annual Meeting. Orlando, FL.

December 2003: I Encuentro Internacional de Medicina de Urgencias: Enfrentando el Reto. Monterrey, Mexico.

February 2004: XV Jornadas de Invierno de Medicina Intensiva. Candanchú, Spain.

August 2004: 11<sup>th</sup> 10<sup>th</sup> International Symposium on Shock and Critical Care. Nusa Dua, Indonesia.

October 2004: Physician reimbursement: Documentation, coding, and practice management. American College of Chest Physicians. Seattle, WA.

October 2004: 70<sup>th</sup> meeting of the American College of Chest Physicians. Seattle, WA.

March 2005: 25<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

October 2005: Physician reimbursement: Documentation, coding, and practice management. American College of Chest Physicians.

October 2005: 71<sup>st</sup> Meeting of the American College of Chest Physicians. Chest 2005. Montreal, Canada.

August 2006: 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with the 3<sup>rd</sup> Symposium of Nutri Indonesia. Kuta, Bali, Indonesia.

August 2006: Pulmonary board review. American College of Chest Physicians. Orlando, Florida.

October 2006: 72<sup>nd</sup> Meeting of the American College of Chest Physicians CHEST 2006 Congress. Salt Lake City, UT.

March 2007: 27<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium.

April 2007: Fundamental Critical Care Support Course. Society of Critical Care Medicine. Culiacan, Mexico.

April 2007: ACLS Instructor course. American Heart Association. AHA Region Mexico.

July 2007: Advanced Cardiac Life Support. American Heart Association. Houston, TX.

August 2007: 14<sup>th</sup> International Symposium of Critical Care. Kuta, Bali, Indonesia.

August 2007: Critical Care Board Review. American College of Chest Physicians. Phoenix, AZ.

August 2007: Advanced Mechanical Ventilation. American College of Chest Physicians. Phoenix, AZ.

October 2007: 73<sup>rd</sup> meeting of the American College of Chest Physicians CHEST 2007. Chicago, IL.

February 2008: Society of Critical Care Medicine's 37<sup>th</sup> Critical Care Congress. Honolulu, HI.

May 2008: 9<sup>th</sup> Scientific Congress of the European Resuscitation Council (ERC). Ghent, Belgium.

August 2008: 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

October 2008: 74<sup>th</sup> Assembly of the American College of Chest Physicians, CHEST 2008. Philadelphia, PA.

November 2008: Asia Pacific Critical Care 2008 Congress. Sydney, Australia.

January/February 2009: Society of Critical Care Medicine's 38<sup>th</sup> Critical Care Congress. Nashville, TN.

July 2009: XXXIV Curso Internacional de Medicina Interna. Sponsored by the American College of Physicians. Mexico city, Mexico.

July 2009: 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Nusa Dua, Bali, Indonesia.

October 2009: XXXVI Reunión Anual de la Asociación Mexicana de Medicina Crítica y Terapia Intensiva. Acapulco, México.

March 2010: New Zealand ANZICS Conference Hawke's Bay 2010. Hastings, New Zealand.

April 2010: China Interventional Therapeutics. Beijing, China.

July 2010: 17<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

October-November 2010: Assembly of the American College of Chest Physicians. Chest 2010. Vancouver, Canada.

December 2010: 10<sup>th</sup> Scientific Congress of the European Resuscitation Council: Resuscitation 2010. Porto, Portugal.

March 2011: China Interventional Therapeutics (CIT 2011) congress. Beijing, China.

July 2012: 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine 2012. Kuta, Indonesia.

September 2011: 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel.

March 2012: China Interventional Therapeutics (CIT 2012) congress. Beijing, China.

July 2012: 19<sup>th</sup> International Symposium on Critical Care and Emergency Medicine 2012. Kuta, Indonesia.

October 2012: American College of Chest Physicians meeting. CHEST 2012. Atlanta, GA.

October 2012: Reunión Anual Nacional de la Asociación Mexicana de Medicina Crítica y Terapia Intensiva. León, Mexico.

June 2013: II Congreso Centroamericano y del Caribe de Terapia Intensiva 2013 (COCECATI II). San José, Costa Rica.

October 2013: Scientific Symposium of the European Resuscitation Council. Krakow, Poland.

November 2013: American Heart Association Scientific Sessions 2013. Dallas, Texas.

November 2013: 9<sup>th</sup> Asian Interventional Cardiovascular Therapeutic Congress. Bangkok, Thailand.

March 2014: China Interventional Therapeutics Congress (CIT2014). Shanghai, China.

March 2014: China Neuro-Intensive Care conference. Beijing, China.

March 2014: 63<sup>rd</sup> Annual Scientific Session and Expo of the American College of Cardiology. Washington, D.C.

May 2014: Resuscitation 2014: Pathway to new guidelines. Bilbao, Spain.

August 2014: 21<sup>st</sup> International Symposium on Critical Care and Emergency Medicine. Kuta, Bali, Indonesia.

September 2014: 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel.

March 2015: 5<sup>th</sup> Annual Therapeutic Hypothermia and Temperature Management symposium: Current and Future. Chilling at the Beach. Miami, FL.

March 2015: China Interventional Therapeutics in Partnership with TCT CIT 2015. Beijing, China.

May 2015: 1<sup>st</sup> Conference of the Israel Society of Resuscitation. Tel Aviv, Israel.

June 2015: III Congreso Centroamericano y El Caribe de Terapia Intensiva (COCECATI). San Salvador, El Salvador.

July 2015: 22<sup>nd</sup> Symposium on Critical Care and Emergency Medicine. Kuta, Indonesia.

October 2015: European Resuscitation Council Congress. Resuscitation 2015: New Guidelines. Prague, Czech Republic.

November 2015: XLII Reunion Anual del Colegio Mexicano de Medicina Critica, A.C., Guadalajara, Mexico.

December 2015: Simposio de cardiogica critica. Hospital Angeles del Carmen. Guadalajara, Mexico.

March 2016: China Interventional Therapeutics in Partnership with TCT CIT 2016. Beijing, China.

April 2016: CHEST World congress. Shanghai, China.

May 2016: 2<sup>nd</sup> Conference of the Israeli Society of Resuscitation. Ramat Gan, Israel.

July 2016: Society of Critical Care Medicine Board Review Course. Chicago, IL.

July 2016: 11<sup>th</sup> Symposium on Nutri Indonesia and 3<sup>rd</sup> International Nutrition Symposium. Jakarta, Indonesia

August 2016: 23<sup>rd</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2016. Kuta, Bali, Indonesia.

September 2016: 6<sup>th</sup> International Hypothermia and Temperature Management Symposium. Thomas Jefferson University. Philadelphia, PA.

September 2016: Congress of the European Resuscitation Council. Reykjavik, Iceland.

October 2016: XLIII Congreso Anual del Colegio Mexicano de Medicina Critica. Veracruz, Mexico.

October 2016: CHEST Annual Meeting 2016. Los Angeles, CA.

March 2017: China Interventional Therapeutics 2017. Beijing, China.

June 2017: Joint CHEST-SGP Congress. Basel, Switzerland.

July 2017: 12<sup>th</sup> Symposium on Nutri Indonesia in conjunction with 4<sup>th</sup> International Nutrition Symposium. Jakarta, Indonesia.

August 2017: 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017. Kuta, Bali, Indonesia.

August 2017: CHEST Mechanical Ventilation Board Review 2017. Orlando, FL.

August 2017: CHEST Pulmonary Medicine Board Review 2017. Orlando, FL.

October 2017: CHEST Annual Meeting 2017. Toronto, Canada.

November 2017: Semana Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

March 2018: China Interventional Therapeutics 2018. Sozhou, China.

April 2018: Panama International Critical Care Congress. 11avo Congreso Pañameno de Medicina Critica y Terapia Intensiva. Panama city, Panama.

May 2018: 3<sup>rd</sup> Conference of the Israel Society of Resuscitation. Ramat Gan, Israel.

August 2018: 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Bali, Indonesia.

October 2018: CHEST 2018 Annual Meeting. Sant Antonio, Texas.

October 2018: Lung, pleural and diaphragm ultrasonography for the pulmonary and critical care specialist. American College of Chest Physicians. San Antonio, Texas.

October 2018: Simposio Ecuatoriano de Cuidados Intensivos SECI 2018. Sociedad Ecuatoriana de Cuidados Intensivos. Manta, Ecuador.

November 2018: 5to. Congreso Nacional de Topicos Selectos de Terapia Intensiva. Hospital Regional de Alta Especialidad de Ixtapaluca. Ixtapaluca, Mexico.

March 2019: China Interventional Therapeutics in Partnership with TCT. Beijing, China.

April 2019: CHEST World congress. Bangkok, Thailand.

August 2019: 26<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Kuta, Bali, Indonesia

September 2019: Sociedad Peruana de Medicina Intensiva, XV Curso Internacional de Medicina Intensiva. Lima, Peru.

September 2019: Scientific Congress of the European Resuscitation Council. Ljubljana, Slovenia.

February 2020: 49<sup>th</sup> Society of Critical Care Medicine Congress and XIII Congreso Panamericano e Iberico de Medicina Critica Y Terapia Intensiva. Orlando, FL.

## Publications

1. Fernandez B, Ballesteros A, Gonzalez A, Varon J: Occlusion through blunt trauma to the carotid. Rev Mex Radiol 1985;39:140-2
2. Sanchez CJ, Fernandez B, Varon J: Meningoencephalic tuberculosis: Clinical and radiological study of 20 patients. Rev Mex Radiol 1986;40:87-91
3. Pustilnik N, Prawda M, Varon J, Ramirez J: Benign teratoma of the ovary: Case report and review of literature. Rev Fac Med UNAM 1986;29(2):87-90
4. Oviedo J, Hernandez J, Varon J: Manual for preparation of clinical sessions. Document of the Ministry of Health. Mexico 1986. 160 pp.
5. Varon J: Raynaud's phenomenon. J Gen Int Med 1990;5(5):457.
6. Varon J: Survival in the Intensive Care Units.(Supervivencia en las unidades de terapia intensiva). Med Interam 1990;10:23-26.
7. Varon J, Jones H: Evaluating the sleepy patient. Hosp Practice 1990;25:55-8.
8. Gasman JD, Varon J, Gardner J: The revenge of the barbecue grill: Carbon monoxide poisoning. West J Med 1990;153:656-7.
9. Varon J, Gasman JD: Raynaud's disease: An Update. Hosp Practice 1991;26:157-9.
10. Varon J: Magnesium: Metabolic derangements and clinical applications. (Magnesio: Alteraciones metabólicas y aplicaciones clínicas). Med Interam 1991;1:25-32.
11. Varon J: Adenovirus pneumonitis associated to HIV infection. (Neumonitis asociada al síndrome de inmunodeficiencia adquirida). Infectologia 1991;1:43-4.
12. Varon J, Sarinas P, Combs AH: Predictors of outcome in the Intensive Care Unit. Hosp Physician 1991;27(5):19-22.
13. Varon J: Controversial treatments of acute exacerbation of asthma. (Temas de controversia en el tratamiento de los ataques asmáticos). Med Interam 1991;6:30-5.
14. Sternbach GL, Varon J: Carbon monoxide poisoning. West J Med 1991;154:737.
15. Gasman JD, Varon J: Carbon monoxide poisoning: Reply. (Letter) West J Med 1991;154:738.
16. Varon J, Jacobs MB: Treating the progressive stages of Parkinson's disease. Postgrad Med 1991;90(1):63-71.
17. Varon J, Laufer M, Sternbach GL: Recurrent pneumoperitoneum following vaginal insufflation. Am J Emerg Med 1991;9:447-8.
18. Varon J, Nelson M: "Asymptomatic" hyponatremia. Am J Emerg Med 1991;9:521-2.
19. Podolsky SM, Varon J: Adenosine use during pregnancy. Ann Emerg Med 1991;20:1027-8.
20. Varon J, Duncan SR: Naloxone reversal of hypotension due to captopril overdose. Ann Emerg Med 1991;20:1125-7.
21. Varon J, Sternbach GL: Origins of cardiopulmonary resuscitation.(Orígenes de la resuscitación cardiopulmonar). Med Interam 1991;10:19-23.
22. Varon J, Liu AC, Davis PK: Giant liver hemangioma as a consequence of "rolfing". Hosp Physician 1991;27(10):44-9.
23. Varon J, Hamilton JR, Hostetler J, Utz PJ, Ganer A: Meningitis due to group C streptococci. Hosp Physician 1991;27(12):31-3.
24. Varon J, Sternbach GL: Cardiopulmonary resuscitation: Lessons from the past. J Emerg Med 1991;9:503-7.

25. Varon J, Sternbach GL, Rudd P, Combs AH: Resuscitation attitudes among medical personnel: How much do we really want to be done? Resuscitation 1991;22:229-35.
26. Varon J, Jacobs MB: Treating Progressive Stages of Parkinson's disease. Clin Dig Series 1992;1:15-6.
27. Sternbach GL, Varon J: Alexander Fleming: The spectrum of penicillin. J Emerg Med 1992;10:89-91.
28. Varon J, Fromm RE: Cardiomyopathies in the ICU. Hosp Physician 1992;28(3):23-39.
29. Guntupalli K, Varon J: Anterior density in an asymptomatic patient. Hosp Physician 1992;28(5):40-1.
30. Sternbach GL, Varon J: Designer Drugs: Recognizing and managing their toxic effects. Postgrad Med 1992;91(8):169-76.
31. Sternbach GL, Varon J: Severe hyperphosphatemia associated with hemorrhagic shock. Am J Emerg Med 1992;10:331-2.
32. Levine RL, Pepe PE, Blackstone W, Danzinger J, Varon J: Occult traumatic avulsion of an ovarian dermoid cyst. Am J Emerg Med 1992;10:344-6.
33. Varon J, Zaghi H, Sternbach GL: "Twitching" as a manifestation of occult uremia. Am J Emerg Med 1992;10:399.
34. Varon J, Fromm RE, Levine RL: Critical care in the emergency department. (Abstract) Chest 1992;102(Suppl):175S.
35. Varon J, Fromm RE, Sternbach GL, Combs AH: Resuscitation desires of physicians at various levels of training.(Abstract)Chest 1992;102(Suppl):150S.
36. Sternbach GL, Varon J, Hunt SA: Emergency department presentation and care of heart and heart/lung transplant recipients. Ann Emerg Med 1992;21(9):1140-4.
37. Varon J, Alvarez FG: Toxic shock syndrome: Myths and realities.(Síndrome del Shock Tóxico: Mitos y realidades). Med Interam 1992;11:67-78.
38. Varon J, Busch LE, Sternbach GL: Another complication of barotrauma. Chest 1992;102(4):1306-7.
39. Sadovnikoff N, Varon J, Sternbach GL: Carbon monoxide poisoning: An occult epidemic. Postgrad Med 1992;92(4):86-96.
40. Varon J, Sadovnikoff N, Sternbach GL: Hypothermia: Saving patients from the big chill. Postgrad Med 1992;92(8):47-59.
41. Varon J, Jacobs MB, Mahoney CA: Reflections on the anion gap in hyperglycemia. West J Med 1992;157(6):670-2.
42. Varon J: Reference update 4.1. (Medical Software Review). Med Soft Rev 1992;1(12):7.
43. Varon J: Principles of Critical Care. (Book Review). Postgrad Med 1993;93:31.
44. Fromm RE, Varon J: Air Medical Transport. J Fam Prac 1993;36(3):313-22.
45. Varon J, Itani A, Zimmerman JL, Guntupalli KK: Concomitant miliary tuberculosis and pneumococcal pneumonia in a non-immunocompromised patient. Houston Med 1993;9(1):26-9.
46. Fletcher E, Miller C, Varon J: Effect of chronic episodic hypocapnic vs. eucapnic hypoxia on diurnal blood pressure. (Abstract). Am Rev Resp Dis, 1993;147(4):A1017.
47. Fletcher E, Miller C, Varon J: Simulating acute blood gas and hemodynamic changes of sleep apnea: An animal model. (Abstract). Am Rev Resp Dis, 1993;147(4):A1017.
48. Varon J, Hernandez M, Fromm R: Influence of age on survival for in-hospital cardiac arrest.(Abstract). Crit Care Med 1993;21(Suppl):S191.

49. Fromm R, Varon J, Gusick G: Feasibility of automatic external defibrillation by untrained lay rescuers. (Abstract). Crit Care Med 1993;21(Suppl):S192.
50. Varon J, Fromm R: Substantial survival from non-ventricular fibrillation presenting rhythms in in-hospital cardiac arrests. (Abstract). Crit Care Med, 1993;21(Suppl):S197.
51. Varon J, Fromm RE: Cardiopulmonary Resuscitation: New and controversial techniques. Postgrad Med 1993;93(8):235-42.
52. Lechin AE, Varon J: Pulmonary complications of HIV infection: Part I. Hosp Physician 1993;29(6):16-21, 38-40.
53. Sternbach GL, Varon J: Austin Flint: On cardiac murmurs. J Emerg Med 1993;11:313-5.
54. Varon J, Fromm RE, Sternbach GL, Combs AH: Discrepancy in resuscitation beliefs among physicians at various levels of training. Am J Emerg Med 1993;11:290-2.
55. Fletcher EC, Varon J: Intestinal obstruction: The "marble" effect. Am J Emerg Med 1993;11:317.
56. Sadovnikoff N, Varon J: CPAP-mask management of varicella-induced respiratory failure. Chest 1993;103:1894-95.
57. Lechin AE, Varon J: Pulmonary complications of HIV infection: Part II. Hosp Physician 1993;29(6):16-21
58. Varon J, Varon SF, Fromm RE, Sternbach GL: The magic of critical care. (La magia de la terapia intensiva). Med Interam 1993;7:65-66.
59. Bandi V, Frost A, Eschenbacher W, Varon J: Continuous intravenous prostacyclin improves exercise tolerance in primary pulmonary hypertension. (Abstract). Chest 1993;104(Suppl):43S.
60. Fromm R, Varon J, Gusick G: Automatic external vs. blind manual defibrillation: By untrained lay rescuers. (Abstract). Chest 1993;104(Suppl):98S.
61. Varon J, Fromm R, Hernandez M: Does age influence resuscitation time in cardiac arrest? (Abstract). Chest 1993;104(Suppl):98S.
62. Varon J, Fromm R, Hernandez M: Cardiac arrest in the elderly: Survival to hospital discharge. (Abstract). Chest 1993;104(Suppl):98S.
63. Sternbach GL, Varon J: John Barlow: Mitral valve prolapse. J Emerg Med 1993;11:475-8.
64. Varon J, Sternbach GL, Fromm RE: Hocus Pocus: The art of medicine. J Emerg Med, 1993;11:493-4.
65. Varon J, Fromm RE: Aminophylline and cardiac arrest. Ann Intern Med, 1993;119(6):536.
66. Varon J, Bandi VDP, Frost AE: Dx-Ray: Bilateral hilar enlargement in a 45-year-old man. Hosp Physician 1993;29(9):42-3.
67. Fromm RE, Varon J: Oxygen therapy. Hosp Physician 1993;29(10):19-26, 40.
68. Varon J: Multiple Systems Organ Failure. Res & Staff Physician, 1993;39(10 Suppl):13-6.
69. Levine RL, Pepe PE, Blackstone W, Danzinger J, Varon J: Traumatic avulsion of an ovarian cyst. (Avulsione traumatica occulta di cisti dermoide dell'ovaio). SYCP Obstet & Gynaecol 1993;4:6-8.
70. Sternbach GL, Varon J: Wilhelm Konrad Roentgen. A new kind of rays. J Emerg Med, 1994;11:743-5.
71. Varon J, Fromm RE, Lechin AE: Air Medical Transport (Transporte Aeromedico). Med Interam 1994;2:83-6.
72. Varon J, Sternbach GL: Critical Care Medicine: Introduction. J Emerg Med 1994;12(1):61-2.



73. Lechin AE, Varon J: Adult respiratory distress syndrome (ARDS): The basics. J Emerg Med, 1994;12(1):63-8.
74. Varon J: Advances in Trauma and Critical Care.(Book Review) J Emerg Med 1994;12(1):126.
75. Fromm RE, Varon J: What about hyperbaric oxygen therapy?. Hosp Physician 1994;30(3):13,26.
76. Varon J, Fromm RE, Levine RL: Emergency department procedures and length of stay for critically ill medical patients. Ann Emerg Med 1994;23:546-9.
77. Rodarte JR, Varon J: Pulmonary Board Review Manual. Part I: Training requirements and study guide. Hosp Physician 1994;1(Suppl 1):1-12.
78. Varon J, Gonzalez JM, Sternbach GL, Bellairs EE: Tension hydrothorax: A rare complication of continuous cyclical peritoneal dialysis. J Emerg Med, 1994;12(2):155-8.
79. Varon J, Fromm R: Outcome of MICU patients: Emergency Room vs. Non-Emergency Room origin. (Abstract) Am J Respir Crit Care Med 1994;149(Suppl):A491.
80. Lechin AE, Varon J, Fromm RE, Goodnight-White S: Learning fiberoptic bronchoscopy: Complication Rates. (Abstract) Am J Respir Crit Care Med 1994;149(Suppl):A624.
81. Lechin AE, Varon J, van der Dijs B, Lechin F: Plasma neurotransmitters, blood pressure and heart rate during rest and exercise. (Abstract) Am J Respir Crit Care Med 1994;149(Suppl):A778.
82. Lechin AE, Varon J, van der Dijs B, Lechin F: Plasma catecholamines and indolamines during exacerbations and remissions of bronchial asthma: Possible role of stress. (Abstract) Am J Respir Crit Care Med 1994;149(Suppl):A482.
83. Varon J, Varon SF, Fromm RE, Sternbach GL: Hypothermia ABCs of Diagnosis and Treatment. (Hipotermia ABCs del Diagnóstico y Tratamiento). Med Interam 1994;13(4):189-92.
84. Varon J: Current medical citations 1.12. (Software review). Med Soft Rev 1994;3(5):7-8.
85. Fromm RE, Varon J: Acute exacerbations of obstructive lung disease. What to do when immediate care is crucial. Postgrad Med 1994;95(8):101-6.
86. Rodarte JR, Varon J: Pulmonary Board Review Manual. Part II: Obstructive lung disease and pulmonary thromboembolism. Hosp Physician 1994;1(Suppl 2):1-12.
87. Fromm RE, Varon J, Stahmer SA: Techniques in cardiopulmonary resuscitation: Past, present and future. Hosp Physician 1994;30(7):10-3, 30.
88. Stahmer SA, Varon J, Fromm RE: Controversies in cardiopulmonary resuscitation pharmacotherapy. Hosp Physician 1994;30(7):23-30.
89. Rodarte JR, Varon J: Pulmonary Board Review Manual. Part III: Pulmonary complications of AIDS. Hosp Physician 1994;1(Suppl 3):1-12.
90. Varon J, Fromm R, Rodarte J, Reinoso M: Prevalence of patient-ventilator asynchrony in critically ill patients.(Abstract) Chest 1994;106(Suppl):141S.
91. Lechin A, Fromm R, Varon J, Hirshkowitz M: Prediction of nCPAP delivered pressure at altitude. (Abstract) Chest 1994;106(Suppl):44S.
92. Krum W, Lechin AE, Varon J, Reinoso MA: Outcome of patients admitted to a "low selective" chronic ventilator dependency unit. (Abstract) Chest 1994;106(Suppl):142S.
93. Lechin A, Varon J, Fromm R, Lam M, Reinoso M: Fiberoptic bronchoscopy diagnostic yield of various procedures in a training program. (Abstract). Chest 1994;106(Suppl):54S.
94. Varon J: Current Medical Diagnosis and Treatment 1993. (Book Review). J Emerg Med 1994;12(5):724-5.

95. Santos L, Varon J, Pic-Aluas L, Combs AH: Practical uses of capnometry and end-tidal CO<sub>2</sub> monitoring in the emergency department. *J Emerg Med*, 1994;12(5): 633-44.
96. Rodarte JR, Varon J, Fromm RE: Pulmonary Board Review Manual. Part IV: Diffuse interstitial lung disease. *Hosp Physician* 1994;1(4):2-12.
97. Varon J: A drain on the healthcare system. *Postgrad Med* 1994;96(7):19.
98. Brody AJ, Sternbach G, Varon J: Octave Landry: Guillain-Barré syndrome. *J Emerg Med* 1994;12(6):833-7.
99. Fromm RE, Varon J, Lam M: Outcome of MICU patients: Emergency department vs. nonemergency department origin. *Crit Care Med* 1995;23(Suppl.):A227.
100. Varon J, Fromm RE: Acute severe asthma. *Intensive Care World* 1995;11:103-104.
101. Varon J, Abraham MJ: The interactive guide to infusion devices. (Software review). *Med Soft Rev*, 1995;4:6-7.
102. Fromm RE, Varon J, Urueta J: Prediction of nCPAP delivered pressure at different altitudes. (Abstract) Proceedings of the XXVI Congreso Nacional de la Soc Mex Neumología y Cirugía del Tórax, A.C. 1995:53-4.
103. Fromm RE, Varon J, Gibbs L: Congestive heart failure and pulmonary edema for the emergency physician. *J Emerg Med* 1995;13(1):71-87.
104. Varon J, Lechin AE, Taylor TV: "Impending-death" and sertraline. *J Emerg Med* 1995;13(2):246.
105. Varon J: Acute respiratory distress syndrome in the postoperative cancer patient. *Cancer Bull* 1995;47:38-42.
106. Varon J, Patt R: A critical need for pain management. *Critical Care Medicine: Principles of diagnosis and management*. (Book Review). *Pain Digest* 1995;5:35-6.
107. Varon J, Fromm RE: Practical approach to hypertensive crises. *Hosp Physician* 1995;31(5):11-21.
108. Ayus JC, Varon J: Pathogenesis and prevention of hyponatremic encephalopathy. (Patogénesis y prevención de la encefalopatía hiponatrémica). *Nefrol Latinoam* 1995;2(2):193-206.
109. Sternbach GL, Varon J: What's new in cardiopulmonary resuscitation? *Res & Staff Physician* 1995;41(6):29-32.
110. Elizalde J, Varon J, Fromm RE, Franco J, Martinez J: A new analysis of weaning parameters: The importance of the VD/VT. (Abstract) *Chest* 1995;108 (Suppl):100S.
111. Sternbach GL, Varon J: Moritz Kaposi: Idiopathic pigmented sarcoma of the skin. *J Emerg Med* 1995;13(5):671-674.
112. Sternbach GL, Varon J: Massive haemoptysis. *Intensive Care World* 1995;12(3):74-8.
113. Sternbach GL, Varon J: Pulse oximetry for vascular monitoring. (Editorial) *J Emerg Med* 1995;13(6):815-6.
114. Fromm RE, Varon J: Myocardial injury in critically ill patients. *JAMA* 1995;274(21):1672-3.
115. Fromm RE, Varon J, Lechin AE, Hirshkowitz M: CPAP machine performance and altitude. *Chest* 1995;108: 1577-80.
116. Ayus JC, Varon J, Fraser CL: Pathogenesis and management of hyponatremic encephalopathy. *Curr Op Crit Care* 1995;1(6):452-9.
117. Sternbach GL, Varon J: Initial evaluation and management massive hemoptysis. *Hosp Physician* 1995;31(12):10-14.

118. Varon J, Fromm RE: History of cardiopulmonary resuscitation. (Historia de la resuscitación cardiopulmonar). *Neumología y Cirugía del Tórax* 1995;54(4):117-20.
119. Varon J, Fromm RE: Hypertensive crises: The need for urgent treatment. *Postgrad Med* 1996;99(1):189-203.
120. Elizalde JJ, Varon J, Fromm RE, Cevallos ES, Supkis E, Polansky M, Martinez SJ: Noninvasive mechanical ventilation in acute respiratory failure: Preliminary results of a multiinstitutional study. *Crit Care Med* 1996; 24(1 Suppl): A110.
121. Varon J, Fromm RE, Keenan CH, Walsh GL: Should a cancer patient be resuscitated following an in-hospital cardiac arrest? *Crit Care Med* 1996;24(1 Suppl): A114.
122. Polansky M, Varon J, Fromm RE, Keenan CH: Outcome of cancer patients in a surgical intensive care unit. *Crit Care Med* 1996; 24(1 Suppl): A37.
123. Sternbach GL, Varon J: A case of self-administered electroshock. *Am J Emerg Med* 1996;14(1): 115-6.
124. Fromm RE, Varon J, Sternbach GL: Emergency medicine cyberspace. *J Emerg Med* 1996;14(1):91-2.
125. Varon J, Elizalde JJ: Practical management of hypertensive crises. (Manejo práctico de las crisis hipertensivas). *Rev Iberolat C Int* 1996;5(1):23-30.
126. Varon J, Fromm RE: In-hospital resuscitation among the elderly: Substantial survival to hospital discharge. *Am J Emerg Med* 1996;14:130-2.
127. Varon J, Fromm RE, Polansky M, Sukumaran AV, Supkis E: Non-invasive mechanical ventilation in cancer patients with acute respiratory failure. *Am J Respir Crit Care Med* 1996;153 (4 Suppl):A613.
128. Polansky M, Varon J, Fromm RE, Supkis E: Tracheostomy adapter for regular bronchoscopes in critically ill patients. *Am J Respir Crit Care Med* 1996;153(4 Suppl):A604.
129. Reinoso M, Lechin AE, Varon J, Wade L: Complications from flexible fiberoptic bronchoscopy in a training program. *J Bronchology* 1996;3: 177-181.
130. Keenan CH, Kish S, Varon J : The influence of do-not-resuscitate orders on care provided for patients in the surgical intensive care unit of a cancer center. *Chest* 1996;110(4) Suppl:42S.
131. Oeser DE, Polansky M, Thomas-Parks P, Varon J: Incidence of major drug interactions and associated adverse drug events in a surgical intensive care unit. *Chest* 1996;110(4) Suppl:147S.
132. Keenan CH, Varon J, Walsh G, Kish S, Fromm RE: Charges pre and post do-notresuscitate orders and outcome in critically ill cancer patients. *Chest* 1996;110(4) Suppl:147S.
133. Varon J, Bailon T, Raney RB: Another cause of hypoglycorrhachia. *J Emerg Med*, 1996;14(5):636-7.
134. Polansky M, Fromm RE, Keenan CH, Varon J: Outcome of cancer patients in a surgical intensive care unit. *Intensive Care World*. 1996;13(4):146-9.
135. Varon J, Fromm RE, Polansky M, Sukumaran AV, Supkis E: Feasibility of non-invasive mechanical ventilation in the management of cancer patients with respiratory failure. *Crit Care Med*. 1997;25(1) Suppl:A91.
136. Keenan C, Fromm R, Kish S, Walsh G, Varon J: ICU charges and DNR orders in critically ill cancer patients. *Crit Care Med*. 1997;25 (1) Suppl:A64.
137. Fromm RE, Varon J: Automated external versus blind manual defibrillation by untrained lay rescuers. *Resuscitation* 1997;33:219-21.

138. Varon J: An unusual case: The revenge of the barbeque grill. The Cortland Forum, 1997;10(4):88.
139. Elizalde J, Varon J, Gutierrez FJ, Franco GJ, Martinez SJ: Mortality differences between acute lung injury and the acute respiratory distress syndrome. Am J Respir Crit Care Med, 1997;155(4 Part 2): A585.
140. Varon J, Polansky M, Keenan C, Fromm R: Cardiopulmonary resuscitation views of health care providers working in a major cancer center. Am J Respir Crit Care Med, 1997;155(4 Part 2): A763.
141. Polansky M, Varon J: Resuscitation desires of health care personnel working in a cancer center. Proceedings of the XXVth Annual Physician Assistant Conference 1997:156-7.
142. Marik PE, Varon J: Identifying the causative organisms in patients with ventilator-associated pneumonia. JAMA 1997;278(1)24-5.
143. Sternbach GL, Varon J : Hey bubba, what's the disease du jour? J Emerg Med 1997;15(3)407-8.
144. Gunes S, Varon J, Walsh G: Mediastinal teratoma as the cause of massive hemoptysis. J Emerg Med. 1997;15(3)313-6.
145. Varon J, Marik P: Intensive care management of the morbid obese patient. BioMedicina. 1997;0:65-9.
146. Varon J, Marik PE: Critical care resources on the internet. A clinician's guide to the information superhighway. J Crit Illness 1997;12(8)525-7.
147. Sternbach GL, Varon J: Winter storms and great imitators. J Emerg Med 1997;15(4):531-2.
148. Varon J, Walsh G: Feasibility of non-invasive mechanical ventilation in the treatment of acute respiratory failure in cancer patients. Anesthesiology 1997;87(3A):A210.
149. Sternbach G, Dibble CL, Varon J: From Creutzfeldt-Jakob disease to the cow epidemic. J Emerg Med 1997;15(5):701-5.
150. Varon J, Marik P: Cardiac arrest in the elderly: CPR or no CPR, that is the question! Chest 1997;112(4)1147-8.
151. Gerson R, Serrano A, Villalobos A, Sternbach GL, Varon J: Acute pancreatitis secondary to ifosfamide. J Emerg Med. 1997;15(5):645-7.
152. Marik P, Varon J: A complete world-wide web without chest?. Chest 1997;112(6):1712-3.
153. Chen K, Varon J, Wenker O, Judge DK, Fromm RE, Sternbach GL: Acute aortic dissection: The basics. J Emerg Med. 1997;15(6):859-67.
154. Ayus JC, Varon J: Nephrology and intensive care units. (Nefrología y las unidades de terapia intensiva). Rev Latinoam Nefrología. 1997;4(4):206-7.
155. Varon J, Sternbach GL, Saccone J: "A nail in the wrong place". J Emerg Med 1998;16:115.
156. Chen K, Varon J, Wenker O: Malignant airway obstruction: Recognition and management. J Emerg Med. 1998;16:83-92.
157. Varon J, Marik P: Update: Intensive care management of the morbid obese patient. BioMedicina 1998;1(1):41-44.
158. Varon J, Fromm RE: Syncope: the forgotten sign of pulmonary embolism (Editorial). J Emerg Med 1998;16(1):117-8.
159. Marik PE, Varon J: The obese patient in the ICU. Chest. 1998;113(2):492-8.
160. Polansky M, Varon J, Hoots WK: Use of antithrombin III in cancer patients with sepsis complicated with disseminated intravascular coagulopathy. Crit Care 1998;2 (Suppl 1): P24.

161. Varon J, Marik P: Etomidate and propylene glycol toxicity. *J Emerg Med.* 1998; 6(3):485.
162. Chen K, Sternbach GL, Fromm RE, Varon J: Mechanical ventilation: Past and present. *J Emerg Med.* 1998; 6(3):453-60.
163. Varon J, Marik PE, Fromm RE: Cardiopulmonary resuscitation: A review for clinicians. *Resuscitation* 1998;36:133-45.
164. Wang D, Sternbach GL, Varon J: Nalmefene: A long-acting opioid antagonist. Clinical applications in emergency medicine. *J Emerg Med.* 1998;6(3):471-5.
165. Marik P, Varon J: Acid-base disorders. *N Engl J Med* 1998;338(22):1626-9.
166. Varon J, Walsh GL, Marik PE, Fromm RE: Should a Cancer Patient be Resuscitated Following an In-Hospital Cardiac Arrest? *Resuscitation* 1998;36:165-8.
167. Varon J, Chen K, Marik P, Gibbs L, Fromm R: Management of the critically ill asthmatic patient. *BioMedicina* 1998;1(6):231-5
168. Varon J, Walsh GL, Fromm RE: Feasibility of non-invasive mechanical ventilation in the treatment of acute respiratory failure in postoperative cancer patients. *J Crit Care.* 1998;13(2):55-57.
169. Marik P, Varon J. Prevention of gastrointestinal bleeding during mechanical ventilation. *N Engl J Med.* 1998;339(4):267-8.
170. Marik PE, Varon J: Physicians preferences with regards to limitation and withdrawal of life support and active euthanasia. *Crit Care Med.*1998;26(1)Suppl:A70.
171. Varon J, Chen K, Sternbach GL: Rupert Waterhouse and Carl Friderichsen: Adrenal apoplexy. *J Emerg Med.* 1998;16(4):643-7.
172. Polansky M, Varon J, Marik P: Tracheostomy adapter for regular bronchoscopes in critically ill patients. *Intensive Care World.*1998;15(3):121-4.
173. Marik P, Varon J: The hemodynamic derangements in sepsis: Resuscitate the gut and not the body? *Chest.* 1998;114(3):854-60.
174. Varon J, Fromm RE, Marik PE: ARDS in the postoperative cancer patient. *International Anesthesiology Clinics.* 1998;36(3):61-70.
175. Marik PE, Varon J: The management of sepsis: A review for clinicians. *J Inten Care Med.* 1998;13(5):229-40.
176. Supkis ED, Varon J: Anesthesia for the cancer patient: An overview. *Anesth Clin North Am* 1998;16(3):511-32.
177. Marik P, Heard SO, Varon J: Interpretation of the pulmonary artery occlusion (wedge) pressure: Physicians' knowledge versus the experts' knowledge. *Crit Care Med* 1998;26(10):1761-4.
178. Varon J, Marik PE, Fromm R: Patterns of pulmonary artery catheter utilization: An internet-based survey. *Chest* 1998;114(4 Suppl):315S.
179. Fromm RE, Filbin M, Vutpakdi K, Varon J: Critical illness at mass gatherings are uncommon events. *Chest* 1998;114(4 Suppl):339S.
180. Varon J, Wenker O: ARDS in the postoperative cancer patient. *Anesth Clin North Am* 1998;16(3):587-95.
181. Varon J, Marik PE, Fromm RE, Gueler A: Carbon monoxide poisoning: A review for clinicians. *J Emerg Med* 1999;17(1):87-93.
182. Varon J, Fromm RE: Stress ulcer prophylaxis in the ICU: How much is enough?. *J Inten Care Med* 1999;14:52-3.

183. Varon J, Fromm RE: Emergency department care of the asthma patient: Predicting “bounce back” patients. *Chest* 1999;115(4):909-11.
184. Surani S, Varon J, Fromm RE: Cavitory Pneumocystis carinii pneumonia. *J Emerg Med* 1999;17(3):513 .
185. Chen K, Fromm RE, Sternbach GL, Varon J: A shift to the right or to the left? *J Emerg Med* 1999;17(3):526.
186. Fromm RE, Varon J: Cumulative epinephrine dose in CPR. *Ann Intern Med*. 1999;130(11):942-3.
187. Marik PE, Abraham G, Careau P, Varon J, Fromm RE: The exvivo antimicrobial activity and colonization rate of two antimicrobial-bonded central venous catheters. *Crit Care Med*. 1999;27(6):1128-31.
188. Oeser D, Polansky M, Thomas-Parks P, Varon J: “Incidence of major drug interactions and associated adverse drug events in a surgical intensive care unit”. *Intensive Care World*.1999;15(4):176-80.
189. Marik P, Chen K, Varon J, Sternbach GL, Fromm RE: Management of acute intracranial hypertension: A review for clinicians. *J Emerg Med*. 1999;17(4):711-19.
190. Marik P, Varon J: Severity scoring and outcomes assessment in critical care. Computerized predictive models and scoring systems . *Crit Care Clin* 1999;15(3):633-46.
191. Varon J, Marik P: Critical care and the world wide web. *Crit Care Clin* 1999;15(3)593-604.
192. Marik P, Varon J: Midazolam or no midazolam: That is the question!. *Crit Care Med*. 1999;27(7):1403.
193. Marik P, Varon J: Steroids in Acute Exacerbation of Asthma; How do we grade the evidence. *Chest* 1999;116(2):273-5.
194. Varon J, Marik P: Preoperative pulmonary evaluation. *N Engl J Med*. 1999; 341(8):613-4.
195. Varon J, Sternbach GL, Marik PE, Fromm RE: Automatic external defibrillators: Lessons from the past, present and future. *Resuscitation*. 1999;41:219-223.
196. Fromm R, Varon J: Frequency of asthma exacerbations at mass gatherings. *Chest*. 1999; 116(4)Suppl 2:251S.
197. Marik P, Varon J, Fromm RE, Sternbach GL: Delayed presentation of carbon monoxide poisoning. *J Emerg Med*. 1999;17(5):905-907.
198. Heyland DK, Cook DJ, Schoenfeld PS, Freitag A, Varon J, Wood G: The effect of acidified enteral feeds on gastric colonization and nosocomial pneumonia in the critically ill patient: Results of a multicenter randomized trial. *Crit Care Med* 1999;27(11):2399-2406.
199. Fromm RE, Varon J, Marik PE, Sternbach G: Weasel words and carbon monoxide poisoning. *J Emerg Med* 1999; 17(6):1069-71.
200. Marik PE, Varon J, Lisbon A, Reich HS: Physicians’ own preferences to the limitation and withdrawal of life-sustaining therapy. *Resuscitation* 1999;42:197-201.
201. Marik P, Varon J: Current recommendations for “steroid burst’ therapy. *Postgrad Med*. 2000;107(1):227.
202. Sternbach GL, Varon J, Fromm RE: Claude Beck and ventricular defibrillation. *Resuscitation*, 2000;44:3-5.
203. Varon J, Marik P: Corticosteroids for tuberculosis? *Postgrad Med*. 2000;107(4):102-3.

204. Ayus JC, Varon J, Arieff A: Hyponatremia, cerebral edema and noncardiogenic pulmonary edema in marathon runners. *Ann Intern Med.* 2000;132(9):711-14.
205. Sternbach GL, Varon J, Fromm RE: Charles Augustus Leale and the Resuscitation of Abraham Lincoln. *Resuscitation.*2000;45:3-5.
206. Varon J, Fromm RE: Fluid balance in sepsis: Are we ready for a negative balance?" *Chest* 2000;117(6):1535-6.
207. Varon J, Wynkelmann T: Asthma in the emergency department; Why are patients coming back? *Med Update Therap Diag Prev.* 2000;2(4):198.
208. Varon J, Marik PE: Sepsis-related Questions. *Hosp Physician* 2000;36(7):53-54.
209. Varon J, Marik PE: The Diagnosis and Management of Hypertensive Crises. *Chest* 2000;118(1):214-227.
210. Sternbach GL, Varon J, Fromm RE, Baskett PJF: The Resuscitation Greats: The Humane Societies. *Resuscitation.*2000;45:71-75.
211. Davis JE, Sternbach GL, Varon J, Fromm RE: Paracelsus and mechanical ventilation. *Resuscitation* 2000;47(1):3-5.
212. Fromm RE, Varon J: Critical care transport. *Crit Care Clin* 2000;16(4):695-705.
213. Varon J, Fromm RE, Marik PE: Diazoxide and Trimethaphan Used?. *Chest.* 2001;119(1):316.
214. Varon J, Marik P: Management of the obese critically ill patient. *Crit Care Clin* 2001; 17(1):187-200.
215. Bauman MH, Strange C, Heffner JE, Light R, Kirby TJ, Varon J and the Delphi Investigators: Management of Spontaneous Pneumothorax. An ACCP Delphi Consensus Statement. *Chest* 2001;119:590-602.
216. Sternbach GL, Varon J, Fromm RE, Sicuro M, Baskett PJF: Galen and the origins of artificial ventilation, the arteries and the pulse. *Resuscitation* 2001;49:119-122.
217. Chanin K, Vallejo-Manzur F, Sternbach GL, Fromm R, Varon J: Pulmonary manifestations of rheumatoid arthritis. *Hosp Physician.* 2001;37(7):23-28.
218. Marik PE, Varon J: Ventilator-associated pneumonia: Science and hocus-pocus. *Chest.* 2001; 120:702-704.
219. Varon J, Marik P: Carbon monoxide and gas powered equipment. *J Emerg Med* 2001; 21(3)283-4.
220. Marik P, Varon J: Sepsis: State-of-the-art. *Dis Month* 2001;42:462-532.
221. Varon J, Sternbach GL, Marik PE: Cardiopulmonary resuscitation: Current status. *Hosp Physician.*2001; 37 (11): 33-40.
222. Cook D, Guyatt G, Rocker G, Sjokvist P, Weaver B, Dodek P, Marshall J, Leasa D, Levy M, Varon J, Fisher M, Cook R: Cardiopulmonary resuscitation directives on admission to the intensive care unit; an international observational study. *Lancet* 2001;358:1941-5.
223. Marik P, Varon J: The management of atrial fibrillation in the ICU patient. *Crit Care Shock.* 2001; 4:171-181.
224. Marik P, Varon J, Fromm RE: Goal-directed therapy in sepsis: Facts or fiction? *Crit Care Shock* 2002;5: 31-32.
225. Marik PE, Varon J: Sepsis and goal-oriented therapy. *N Engl J Med* 2002; 346: 1025-1026.
226. Varon J, Fromm RE, Marik PE: Evidence-based critical care medicine. *Crit Care Shock,* 2002;5(1):30.

227. Leverage XM, Kvetan V, Benjamin E, Lotti G, Lipman J, Varon J, et al: Nutritional support in critically ill patients. 3<sup>rd</sup> Asia Pacific Consensus in Critical Care Medicine. Crit Care Shock. 2002;5(1):21-28.
228. Vallejo-Manzur F, Varon J, Fromm RE, Baskett P: Moritz Schiff and the history of open-chest cardiac massage. Resuscitation. 2002;53:3-5.
229. Varon J, Fromm RE, Marik PE: Acupuncture for asthma: fact or fiction? Chest 2002;121(5):1387-88.
230. Marik PE, Varon J: Oral versus inhaled corticosteroids following emergency department discharge of acute asthma. Chest 2002;121(6):1735-6.
231. Varon J, Marik PE, Fromm RE: Pulmonary Disease In the Intensive Care Unit: Review Questions Hosp Physician. 2002;38(6):33-34.
232. Marik P, Varon J: Loop Diuretics in Acute Oliguric and Pre-renal States. Crit Care Shock 2002;2:64-71.
233. Sternbach GL, Varon J, Fromm RE: Resuscitation in the Bible. Crit Care Shock. 2002;2:88-90.
234. Chanin K, Fong E, Marik P, Fromm RE, Varon J: Neurologic outcome after cardiac arrest with the use of mild therapeutic hypothermia. Crit Care Shock. 2002; 5:190-192.
235. Varon J, Marik PE: The management of head trauma in children. Crit Care Shock. 2002;5:133-143.
236. Marik P, Varon J, Trask T: The management of head trauma. Chest. 2002;122:699-711.
237. Marik P, Carnack C, Varon J: The Addition of Trickle Feeds Reduces the Complications Associated with Parenteral Nutrition .Crit Care Shock. 2002; 5:165-169.
238. Varon J, Fromm RE, Marik PE: Intravenous 2â or Not 2â That is the Question!. Chest. 2002;122(4):1116-8.
239. Marik P, Varon J, Fromm RE: The Management of Acute Severe Asthma. J Emerg Med. 2002;23(3):257-68.
240. Fromm RE, Varon J: CPR: Bad for the heart?. Crit Care Med. 2002;30(11):2603-4.
241. Varon J, Marik PE: Clinical information systems and the electronic medical records in the intensive care unit. Curr Opin Crit Care. 2002;8:616-624.
242. Fromm RE, Weltge A, Varon J: Public use of automatic defibrillators: A bolt from the blue. Lancet. 2002;360:1712.
243. Varon J, Fromm RE, Vallejo-Manzur F: Advanced Cardiac Life Support Algorithms: Changes and Current American Heart Association Recommendations. Hosp Physician. 2002;38(12): 35-46.
244. Vallejo-Manzur F, Perkins Y, Varon J, Baskett P: Andreas Vesalius, the concept of an artificial airway. Resuscitation 2003; 56:3-7.
245. Aran F, Varon J, Marik PE: Hyperbaric Oxygen for Acute Carbon Monoxide Poisoning: How Far Out? Crit Care Shock. 2003; 6:74-76.
246. Varon J, Marik PE: Managing acute severe asthma: What therapies to try, and when. J Respir Dis 2003;24(2):67-76.
247. Griffith L, Cook D, Hanna S, Rucker G, Sjokvist, Dodek P, Marsall J, Levy M, Varon J, Finfer S, Jaeschke R, Buckingham L, Guyatt G: Predictors of clinician discomfort with daily life support plans for mechanically ventilated patients. Crit Care 2003;7(2) Suppl 2:S126.
248. Sternbach GL, Varon J, Fromm RE: Defibrillation. Crit Care Shock. 2003;6(1):50-54.



249. Neubert P, Gonzalez A, Varon J, Marik PE: Pulmonary artery catheters: A time for reevaluation. *Crit Care Shock* 2003;6:65-66.
250. Varon J, Fromm RE, Marik PE: Missing the (Acu) Point. *Chest* 2003;123(4):1312-1314.
251. Varon J, Marik PE: Clinical Review: The Management of Hypertensive Crises. *Crit Care* 2003; 7:374-384.
252. Sternbach GL, Varon J: Claude Bernard: On the origins of carbon monoxide poisoning. *Resuscitation*. 2003;58:127-130.
253. Varon J: Sodium bicarbonate in cardiopulmonary resuscitation: Is using it beneficial or detrimental. *Proceedings of the 10th International Symposium on Shock and Critical Care*. WPPC Publications. Jakarta. 2003; 4.
254. Varon J: Treatment of systemic fungal infections: Candidiasis. *Proceedings of the 10th International Symposium on Shock and Critical Care*. WPPC Publications. Jakarta. 2003;9.
255. Varon J: Should we continue to use pulmonary artery catheters. *Proceedings of the 10th International Symposium on Shock and Critical Care*. WPPC Publications. Jakarta. 2003; 34-35.
256. Varon J: How to withdraw and withhold life-support in the intensive care unit. *Proceedings of the 10th International Symposium on Shock and Critical Care*. WPPC Publications. Jakarta. 2003; 9-10.
257. Marik P, Doyle H, Varon J, and Project Impact Investigators: Is obesity protective during critical illness? An analysis of a National ICU database. *Crit Care Shock*. 2003; 6: 156-162.
258. Varon J, Gonzalez A, Sternbach GL, Marik PE: Tracheal rupture: Airway catastrophe associated with intubation. *Crit Care Shock* 2003; 6: 163-166.
259. Varon J, Marik PE: Treatment of cardiac arrest with automatic external defibrillators: Impact on outcome. *Am J Cardiovasc Drugs*. 2003;3(4):265-270.
260. Fromm RE, Varon J: Finding myocardial ischemia: What now? *Crit Care Med* 2003;31(9):2406-2407.
261. Cook D, Rocker G, Marshall J, Sjokvist P, Dodek P, Griffith L, Freitag A, Varon J, Bradley C, Levy M, Finfer S, Hamielec C, McMullin, Weaver B, Walter S, Guyatt G and the Canadian Critical Care Trials Group: Withdrawal of Mechanical Ventilation in Anticipation of Death in the Intensive Care Unit. *N Eng J Med* 2003;349:1123-1132.
262. Varon J, Fromm RE, Marik P: Hearts in the air: The role of air medical transport. *Chest* 2003; 124(5):1636-7.
263. Herrero SM, Varon J, Fromm R: Optimizing monitoring in non-conventional mechanical ventilation in acute lung injury. *Intensive Care Med*. 2003; 29 (Suppl 1): 80.
264. Guyatt G, Cook D, Weaver B, Rocker G, Dodek P, Sjokvist P, Hamielec C, Puksa S, Marshall J, Foster D, Levy M, Varon J, Thorpe K, Fisher M, Walter S for The Level of Care Investigators and the Canadian Critical Care Trials Group: The influence of perceived functional and employment status on cardiopulmonary resuscitation directives. *J Crit Care*. 2003;18(30):133-141.
265. DeGorordo A, Vallejo-Manzur F, Chanin K, Varon J: Diving emergencies. *Resuscitation* 2003; 59:171-180.
266. Macias L, Varon J, Fromm RE: Age as an independent risk factor for the development of ARDS in trauma patients. *Crit Care Shock* 2003; 6;221-222.
267. Varon J, Fromm RE, Chanin K, Filbin M, Vutpakdi K: Critical Illness at Mass Gatherings is Uncommon. *J Emerg Med*. 2003; 25(4): 409-13.

268. Varon J: Ventilator waveform analysis: is it useful un our clinical practice? Crit Care Shock 2003; 6(4): 224.
269. Varon J: Sepsis 2003 State of the art. Crit Care Shock 2003; 6(4): 225-6.
270. Varon J: Aspiration pneumonitis and aspiration pneumonia. Crit Care Shock 2003; 6(4): 226-7.
271. Varon J: Lung recruitment strategies in ARDS: Is there a right way to do it?. Crit Care Shock 2003; 6(4): 229.
272. Varon J: Non-invasive mechanical ventilation. Crit Care Shock 2003; 6(4): 224.
273. Varon J, Marik PE: Critical Care Questions: Traumatic Brain Injury in Children. Hosp Physician. 2004;40(1):17-18..
274. Nagy-Agren S, Varon J: Infectious emergencies in the critically ill: Postsplenectomy infection, necrotizing fasciitis, and sepsis. Hosp Physician 2004; 7 (Part 1):1-12.
275. Varon J, Fromm RE: To plug or not to plug? Crit Care 2004; 8; 87-88
276. Sternbach GL, Varon J: John Mayow and Oxygen. Resuscitation 2004; 60: 235-7.
277. Macias L, Varon J, Fromm RE: Vasopressin compared to norepinephrine in septic shock: Is vasopressin more effective?. Crit Care Shock 2004; 7:39-41.
278. Huerta-Alardín AL, Cruz-Amador A, Sternbach GL, Varon J: Withdrawing and withholding life support Part One Basic Principles. Crit Care Shock. 2004; 7:13-19.
279. Varon J, DeGorordo A: Diving emergencies: A sea of controversy?. Resuscitation. 2004; 61(2): 639-40.
280. Huerta-Alardín AL, Cruz-Amador A, Sternbach GL, Varon J: Withdrawing and withholding life support Part Two: Methods. Crit Care Shock. 2004; 7: 64-68.
281. Ruppert-García E, Varon J: Severe acute respiratory syndrome: Unmasking our emotional vulnerability as healthcare providers. Crit Care Shock. 2004; 7: 61.
282. Varon J: How do I manage a case of massive pulmonary embolism? Crit Care Shock 2004; 7(Suppl 1):13.
283. Varon J: Carbon monoxide poisoning. Crit Care Shock 2004; 7(Suppl 1):103.
284. Varon J: Crystalloids in the fluid management of sepsis. Crit Care Shock 2004; 7(Suppl 1): 132.
285. Varon J: Cardiopulmonary resuscitation: Past, present and future. Crit Care Shock 2004; 7(Suppl 1): 157.
286. Varon J, Fromm R, Bisbal Z, Vargas B, Huerta AL, Tai DYH: Cardiopulmonary resuscitation preferences among health care professionals in Singapore. Crit Care Shock 2004; 7(Suppl 1):175.
287. Varon J, Marik PE: Critical Care Board Review Manual: Hypertensive Crises. Hosp Physician 2004; 7 (Part 2):1-12.
288. Varon J, Fromm RE: Observation and critical care in the emergency department: Watch what you do! J Emerg Med 2004;27(2):195-6.
289. Varon J: Human bites: Facts and Fiction. Internal Med Alert 2004;26(13):97-8.
290. Varon J, Marik PE: The management of status epilepticus. Chest. 2004;126:582-591.
291. Varon J: Cardiopulmonary resuscitation (CPR) saves lives in the year 2004: A tribute to Peter Safar and the history of CPR. Proceedings of the 11<sup>th</sup> International Symposium on Shock and Critical Care. 2004:50-52.
292. Varon J: Guidelines: Are they useful?. Proceedings of the 11<sup>th</sup> International Symposium on Shock and Critical Care. 2004:57.

293. Bisbal Z, Vargas B, Varon J, Fromm R, Herrero S: Cardiopulmonary resuscitation preferences among health professionals: A tale of three countries (Spain, Mexico and Singapore). Proceedings of the 11<sup>th</sup> International Symposium on Shock and Critical Care. 2004:58-59.
294. Varon J, Nanlohy S: Iqbal Mustafa, MD, Ph. D.: The ultimate professor 1950-2004. Crit Care Shock. 2004; 7(3):1-2.
295. Cruz A, Varon J, Fromm RE: Vasopressin versus epinephrine in cardiac arrest: Where is the data? Crit Care Shock. 2004;7(3):168-170.
296. Fromm RE, Varon J, Bisbal Z, Vargas B: The difficult airway in critical care. Crit Care Shock. 2004; 7(3): 153-158.
297. Foroozan R, Varon J: Bilateral anterior ischemic optic neuropathy after liposuction. J Neuroophthalmol. 2004;24(3):211-213.
298. Griffith L, Cook D, Hanna S, Rucker G, Sjøkvist P, Dodek P, Marshall J, Levy M, Varon J, Finfer S, Jaeschke R, Buckingham L, Guyatt G for the Level of Care Investigators and the Canadian Critical Care Trials Group: Clinician discomfort with life support plans for mechanically ventilated patients. Intensive Care Med 2004;30:1783-90.
299. Huerta-Alardín AL, Sternbach GL, Varon J: Critical Care Board Review Manual: End of life care. Hosp Physician 2004;7(3):1-11.
300. Brunton S, Carmichael BP, File TM, Varon J: Antibiotic resistance in community-acquired respiratory tract infection. Issues & Answers in Resp Tract Infections 2004;1(1):1-7.
301. Herrero S, Varon J, Fromm R: Nitric oxide (NO) and extra-tracheal continuous gas flow in the acute respiratory distress syndrome. Crit Care Med 2004;32(2):A111.
302. Brunton S, Carmichael BP, File TM, Varon J: Acute bacterial rhinosinusitis. Issues & Answers in Resp Tract Infections 2004;1(2):1-6.
303. Tellez A, Cruz A, Varon J, Mesa A: Unstable angina and non-ST-segment elevation myocardial infarction. Crit Care Shock 2004;7:195-218.
304. Varon J, Bisbal Z, Vargas B, Fromm RE, Tai DYH: Cardiopulmonary resuscitation preferences among health professionals in Singapore. Crit Care Shock. 2004;7:219-225.
305. Brunton S, Carmichael BP, File TM, Varon J: Antibiotic dosing in respiratory tract infections. Issues & Answers in Resp Tract Infections 2005;1(3):1-6.
306. Alzaga AG, Varon J, Baskett P: Charles Kite: The clinical epidemiology of sudden cardiac death and the origin of the first defibrillator. Resuscitation. 2005;64:7-12.
307. Alzaga AG, Varon J: Open-chest cardiopulmonary resuscitation: Past, present and future. Resuscitation 2005;64:149-56.
308. Acosta P, Varon J, Sternbach GL, Baskett P: Kouwenhoven, Jude and Knickerbocker: The introduction of defibrillation and external chest compressions into modern resuscitation. Resuscitation. 2005; 64: 139-43.
309. Sternbach GL, Varon J: The discovery and rediscovery of oxygen. J Emerg Med. 2005;28(2):221-224.
310. Brunton S, Carmichael B, Fitzgerald M, Liu H, Varon J, Weiland D: Community-acquired bacterial respiratory tract infections: Consensus recommendations. J Fam Pract 2005;54(3):255-262.
311. Huerta-Alardín AL, Varon J, Marik PE: Bench-to-bedside review: Rhabdomyolysis an overview for clinicians. Crit Care 2005;9(2):158-169.
312. Surani S, Varon J: Malignant bronchial tear: Emergency management. Crit Care Shock. 2005;8:14.

313. Alzaga AG, Varon J, Nanlohy S: Natural catastrophes: Disaster management and implications for the acute care practitioners. *Crit Care Shock*. 2005;8:1-5.
314. Varon J: Community-acquired pneumonia: Outpatient care or hospitalization? *Internal Med Alert* 2005;27(5):36-37.
315. Vazquez-Nava F, Saldivar-Gonzalez AH, Perez-Martin J, Sanchez-Nuncio HR, Varon J, Beltran-Guzman FJ: Prevalence of symptoms related to asthma and risk factors for asthma of the adult in an urban areas in northeastern Mexico. *J Allergy Clin Immunol* 2005; 115 (2 Suppl):S231.
316. Fromm RE, Varon J: NH2 terminal and pro-brain natriuretic peptide in cardiovascular dysfunction and septic shock. *Crit Care Med* 2005; 33(5):1156-7.
317. Salazar Reyes H, Varon J: Hypoxic tissue damage and the protective effects of therapeutic hypothermia. *Crit Care Shock* 2005;8:28-31.
318. Surani S, Hinojos R, Padmanabhan S, Varon J: Images in critical care: Colonothorax. *Crit Care Shock* 2005;8:32.
319. Acosta P, Varon J: Life-threatening hyponatremia in marathon runners: The Varon-Ayus syndrome revisited. *Crit Care Shock*. 2005;8:23-27.
320. Gonzalez A, Varon J: Non-invasive ventilation: When does it fail?. *Crit Care Shock*. 2005;8:40-41.
321. Slama TG, Amin A, Brunton S, File TM, Milkovich G, Rodvold KA, Sahm DF, Varon J, Weiland D, for the Council for Appropriate and Rational Antibiotic Therapy (CARAT): A clinician's guide to the appropriate and accurate use of antibiotics: The Council for Appropriate and Rational Antibiotic Therapy (CARAT) criteria. *Am J Med* 2005; 118 (Suppl 7A);1S-6S.
322. Vallejo-Manzur F, Mireles-Cabodevila E, Varon J: Purple urine bag syndrome. *Am J Emerg Med* 2005;23:521-4.
323. Acosta P, Restrepo L, Varon J: Persistent vegetative state. *Crit Care Shock* 2005; 8: 87-88.
324. Varon J, Marik P, Bisbal Z: Non invasive mechanical ventilation. *Critical Decisions in Emergency Medicine* 2005;19(12):12-16.
325. Varon J: The diagnosis and treatment of hypertensive crises. *Proceedings of the 12<sup>th</sup> International Symposium on Shock and Critical Care*. 2005:2.
326. Varon J: Cerebral protection after cardiac arrest, *Proceedings of the 12<sup>th</sup> International Symposium on Shock and Critical Care*. 2005:12-13.
327. Herrero SM, Varon J, Fromm RE: Low vs. high tidal volume through extra-tracheal continuous has insufflation + nitric oxide in patients with acute respiratory distress syndrome and hypoxemia. *Chest* 2005;128(4 Suppl):226S-227S.
328. Varon J: Smoking cessation: Bupropion or nortriptyline? *Internal Med Alert* 2005;27(22):172-3.
329. Varon J: On editors, communication, catastrophes and terrorism. *Crit Care Shock*. 2005;8(4):89.
330. Surani S, Varon J, Aburto J: Atelectasis in the ICU: An unexpected finding. *Crit Care Shock*. 2005;8(4):98.
331. Varon J: The diagnosis and treatment of hypertensive crises. *Crit Care Shock*. 2005;8(4):110.
332. Aburto J, Varon J: Bag vs. machine: Where is the data? *J Emerg Med*. 2006;30(1):97-8.
333. Varon J, Marik P: Complete neurological recovery following delayed initiation of hypothermia in a victim of warm water near-drowning. *Resuscitation* 2006;68(3):421-423.

334. Varon J: Editors, bias, conflicts of interest and the future. *Curr Respir Med Rev*. 2006; 2(1):1.
335. Acosta P, Varon J: Long-term oxygen therapy: From “oxygen-bars” to home oxygen therapy. *Curr Respir Med Rev* 2006;2(2):99-100.
336. Varon J: Is it better to prescribe a cyclooxygenase-2 inhibitor or conventional NSAIDs to prevent adverse gastrointestinal events?. *Internal Med Alert* 2206;28(1):1-1-2.
337. Varon J, Nanlohy S: Judge a journal (also) by its cover. *Crit Care Shock* 2006;9(1):1.
338. Surani S, Ortiz Garcia R, Zuniga F, Varon J: Demyelinating disease of the brain presenting as ring-enhancing lesions in a critically ill patient. *Crit Care Shock* 2006;9(1):16.
339. Salazar G, Varon J: Hyperglycemia after trauma: Physiologic and tolerable or a possible threat that needs to be corrected? *Crit Care Shock*. 2006;9(1):17-19.
340. Molina J, Varon J, Fromm RE: Cardiac troponin I elevation in subarachnoid hemorrhage: Should we worry? *Crit Care Shock*. 2006; 9(1): 20-22.
341. Varon J, Herrero-Fernandez S: Ventilar al paciente con EPOC o no ventilar?: Esa es la pregunta! (To ventilate or not the patient with COPD: That is the question!) *Med Intensiva*. 2006;30(2):43-4.
342. Varon J: Hypothermia and CPR. Proceedings of the 10<sup>th</sup> National Heart Association of Malaysia Annual Scientific Meeting. 2006:61-62.
343. Varon J, Acosta P, Huerta-Alardin AL, Fromm RE, Herrero S: Withholding CPR and life-support preferences among healthcare providers in Europe, America and Asia. *Resuscitation*. 2006;69(1):57.
344. Varon J, Acosta P, Huerta-Alardin AL, Fromm RE: Use and understanding of therapeutic hypothermia among healthcare providers in two developing countries. *Resuscitation* 2006;69(1):93-94.
345. Acosta P, Alardin-Huerta AL, Varon J: The influence of personal background on CPR preferences among health care providers in Mexico. *Resuscitation*. 2006;69(1):107.
346. Varon J: Many factors are responsible for treatment outcome in acute exacerbations of chronic bronchitis. *Internal Med Alert* 2006;28(10):75.
347. Rodriguez G, Varon J: Clevidipine: A unique agent for the critical care practitioner. *Crit Care Shock* 2006;9:9-15.
348. Alzaga AG, Salazar G, Varon J: Breaking the thermal barrier: Dr. Temple Fay. *Resuscitation* 2006;69:359-364.
349. Surani SR, Mckinstry S, Badruddin S, Varon J: Undetected atrial myxoma presenting as severe dyspnea. *Crit Care Shock* 2006;9(3):68-69.
350. Varon J: Therapeutic hypothermia. Proceedings of the 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with 3<sup>rd</sup> Symposium of Nutri Indonesia. 2006:2-4.
351. Varon J: The obese patient in the intensive care unit. Proceedings of the 13<sup>th</sup> International Symposium on Shock and Critical Care in Conjunction with 3<sup>rd</sup> Symposium of Nutri Indonesia. 2006:9-12.
352. Acosta P, Varon J: Diagnosing and treating pleural effusions: The good, the bad and the ugly. *Curr Respir Med Rev* 2006; 2(3): i-ii.
353. Varon J, Acosta P, Reul R: An unusual cause of low oxygen saturation in the operating room. *Curr Respir Med Rev* 2006;2(3):321-3.
354. Nieto J, Surani S, Huerta-Alardin AL, Varon J: Sleep-related disorders, diabetes and obesity: Understanding the facts. *Curr Respir Med Rev* 2006;2(3):325-9.

355. Ramos Y, Varon J: Should we use vasopressin to treat hypotension in tricyclic overdose? *Crit Care Shock* 2006;9(3):78-80.
356. Varon J: The obese patient in the intensive care unit. *Crit Care Shock* 2006;9(3):92-3.
357. Varon J: Therapeutic hypothermia. *Crit Care Shock* 2006;9(3):93-4.
358. Alzaga A, Cerdan M, Varon J: Therapeutic hypothermia. *Resuscitation*. 2006;70:369-80.
359. Schiffman JS, Scherokman B, Tang RA, Dorotheo EU, Prieto P, Varon J: Evaluation and treatment of papilledema in pregnancy. *Comp Ophtalmol Update* 2006;7:187-202.
360. Surani S, Merchant S, Varon J: Pulmonary hamartoma: Curative laser resection. *Curr Respir Med Rev*. 2006;2(4):443.
361. Surani S, Maqsood A, Mullin J, Varon J: Bronchoscopic appearance of tracheal adenoid cystic carcinoma. *Curr Respir Med Rev*. 2006;2(4):445.
362. Nanlohy S, Varon J: Pulmonary: A new section. *Crit Care Shock* 2006;9:97.
363. Surani S, Aguilar R, Maqsood A, Varon J, Subramanian S: To assess sleepiness among medical residents using the multiple sleep latency test as objective assessment tool. *Chest* 2006;130 (4) Suppl: 93 S.
364. Surani S, Zuniga F, Caire W, Chmielewska M, Varon J: Hyperthyroidism presenting as acute muscular weakness. *Crit Care Shock* 2006;9:112-113.
365. Herrero S, Varon J: Ventilator o no ventilator al paciente con enfermedad pulmonar obstructiva crónica (Ventilate or not ventilate the patient with chronic obstructive lung disease) *Med Intensiva*. 2006;30(9):476-478.
366. Ojeda C, Varon J: Cardiocerebral or cardiopulmonary resuscitation: A time for reappraisal. *Crit Care Shock* 2006;9:114-116.
367. Herrero S, Varon J: Ventilator o no ventilator al paciente con enfermedad pulmonar obstructiva crónica: Respuesta.(To ventilate or not the chronic obstructive lung disease patient: Reply). *Med Intensiva* 2006; 30(9):476-478.
368. Surani S, Subramanian S, Aguilar R, Ahmed M, Varon J: Sleepiness in medical residents: Impact of mandated reduction in work hours. *Sleep Med* 2007;8(1):90-3.
369. Varon J, Acosta P: Brittle asthma: A persistent challenge for clinicians. *Curr Respir Med Rev* 2007;3(1):1.
370. Varon J: Avoid a lawsuit. *Int Med Alert* 2007;29(3):17-18.
371. Acosta P, Varon J: Herbal remedies in the ICU: Guaranteed results or trouble for sure? *Crit Care Shock* 2007;10:2-3.
372. Varon J, Marik PE: Steroids in cardiac arrest: Not ready for prime time? *Am J Emerg Med* 2007;25(3):376-377.
373. Acosta P, Santisbon E, Varon J: The use of positive end-expiratory pressure in mechanical ventilation. *Crit Care Clin*. 2007;23:251-261.
374. Varon J, Levy J, Dyke C, Acosta P, Aronson S: Precise and ultrarapid control of blood pressure with clevidipine, an arterial selective calcium channel blocker. *Crit Care*. 2007;11(Suppl 2):S98-S99.
375. Varon J: Analgesics and the risk of hypertension. *Int Med Alert* 2007;29(6):41-48.
376. Varon J, Acosta P: Steroids in ARDS and sepsis: Is it time for a comeback?. *Curr Respir Med Rev* 2007;3(2):93.
377. Varon J: Losing weight from A to Z (Atkins to Zone diets) in women: Where is the data? *Int Med Alert* 2007;29(8):60.
378. Varon J, Strickman NE: Diagnosis and treatment of hypertensive crises in the elderly patients. *J Geriatr Cardiol* 2007;4:50-5.

379. Varon J: Therapeutic hypothermia and the need for defibrillation: Wet or dry? *Am J Emerg Med*.2007;25(4):479-80.
380. Marik P, Varon J: Hypertensive crises: Challenges and Management. *Chest*: 2007;131:1949-1962.
381. Marik P, Varon J: Intensive Insulin Therapy in the ICU: Is it now time to jump off the bandwagon? *Resuscitation*. 2007;74:191-193.
382. Marik P, Varon J: Hypertensive crises: Challenges and management. *Chest* 2007;131:1949-1962.
383. Varon J, Marik PE: Cardiopulmonary resuscitation in cancer patients. *Am J Hospice Palliative Med* 2007;24(3):224-9.
384. Marik PE, Varon J: The hemodynamic management of elderly patients with sepsis. *J Geriatr Cardiol* 2007;4:120-6.
385. Huerta-Alardín A, Guerra-Cantú M, Varon J: Cardiopulmonary resuscitation in the elderly: A clinical and ethical perspective. *J Geriatr Cardiol* 2007;4:117-9.
386. Surani S, Gracia N, Varon J: Mineral oil: The occult cause of critical illness. *Crit Care Shock* 2007;10:34.
387. Varon J: Selective brain hypothermia. *Proceedings of the 14<sup>th</sup> International Symposium on Critical Care*. 2007:1.
388. Varon J: Critical care in the bariatric patient. *Proceedings of the 14<sup>th</sup> International Symposium on Critical Care*. 2007:42-43.
389. DeGorordo A, Thaddeus PP, Oreizi-Esfahani M, Varon J: Extra-pulmonary sarcoidosis: Neurosarcoidosis Case presentation and literature review. *Crit Care Shock* 2007;10(3):87-92.
390. Varon J, Cruz G, Acosta P, Huerta-Alardín AL, Fromm RE: Use and understanding of therapeutic hypothermia in developing countries. *Crit Care Shock*. 2007;10(3):93-98.
391. Surani SR, Afzal A, Ayala EE, Varon J: Unilateral diaphragmatic pacing: An innovative solution for unilateral diaphragmatic paralysis. *Crit Care Shock* 2007;10(3):108-110.
392. Acosta P, Varon J: Extravascular lung water measurements: Don't jump off the bandwagon yet!. *Curr Respir Med Rev* 2007;3(3):169.
393. Peacock WF, Varon J, Garrison N, Ebrahimi R, Dunbar L, Pollack CV: IV Clevidipine for hypertension: Safety, efficacy, and transition to oral therapy. *Ann Emerg Med* 2007;50(3) Suppl:S8-S9.
394. Varon J, Nyman U: Sven-Ivar Seldinger: The revolution of radiology and acute intravascular access. *Resuscitation*. 2007;75:7-11.
395. Varon J: Diagnosis and management of labile blood pressure during acute cerebrovascular accidents and other hypertensive crises. *Am J Emerg Med*. 2007;25:949-959.
396. Ojeda C, Alcocer F, Varon J, Sternbach GL: Anton De Haen: The idea of artificial respiration. *Resuscitation*.2007;75:210-212.
397. Varon J, Peacock W, Garrison N, Ebrahimi R, Dunbar L, Acosta P, Pollack C: Prolonged infusion of clevidipine results in safe and predictable blood pressure control in patients with acute severe hypertension. *Chest*. 2007; 132 (4):477S.
398. Varon J: Close relationships and the incidence of coronary events: Where is the data? *Int Med Alert* 2007;29(21):162-163.
399. Varon J: Conflict of interest: The full disclosure. *Chest* 2007; 132(5):1721.
400. Varon J, Acosta P, Huerta-Alardín AL, Ramos Y, Baruch L, Fromm RE: Preferencias de RCP entre los profesionales sanitarios en México: Factores que influyen. (The influence of

- personal background on CPR preferences among health care providers in Mexico.) Arch Salud Sinaloa. 2007;1(3):86-90.
401. Surani S, Varon J: Association of sleep apnea syndrome and diabetes mellitus. Curr Respir Med Rev. 2007;3:292-296.
  402. Peacock WF, Varon J, Garrison N, Ebrahimi R, Dunbar L, Pollack C on behalf of the VELOCITY Investigators: Clevidipine for severe hypertension in heart failure: A VELOCITY trial analysis. Crit Care Med. 2007; 35(12) Suppl:A80.
  403. Peacock WF, Varon J, Garrison N, Ebrahimi R, Dunbar L, Pollack C on behalf of the VELOCITY Investigators: Clevidipine for severe hypertension in patients with renal dysfunction. Crit Care Med. 2007;35(12) Suppl: A82.
  404. Vahid B, Marik PE, Varon J: Natural history and risk factors of the “Cholestatic PostCardiac Surgery Syndrome”. Crit Care Shock 2007;10(4):122-130.
  405. Surani S, Nagji A, Estement B, Manchada S, Varon J, Acosta P: Acute confusion: An unusual presentation of miliary tuberculosis. Crit Care Shock 2007;10(4):115-116.
  406. Valladolid G, Varon J, Acosta P: Year in review 2006: The critically ill patient in the pediatric ICU. Crit Care Shock 2007;10(4):117-121.
  407. Fromm RE, Varon J: Prostaglandin inhibition and ischemia: Where is the data? Am J Emerg Med 2008;26:101-102.
  408. Acosta P, Varon J: The upper airway resistance syndrome: Fact or fiction? Curr Respir Med Rev 2008;4(1):1.
  409. Varon J: Cereals and the risk for heart failure. Int Med Alert 2008;30(1):3-4.
  410. Varon J, Acosta P: Therapeutic hypothermia use among health care providers in two developing countries. Am J Emerg Med 2008;26(2):244.
  411. Cajavilca C, Varon J: Willem Einthoven: The development of the human electrocardiogram. Resuscitation. 2008;76:325-328.
  412. Varon J: Treatment of acute hypertension: Current and newer agents. Drugs 2008;68(3):283-297.
  413. Herrero S, Varon J: Manejo de la insuficiencia cardiaca aguda decompensada. (Management of acute decompensated congestive heart failure) JANO 2008;1681:33-42.
  414. Surani S, Estment B, Parrish B, Varon J: Consumption of raw oysters and Vibrio vulnificus sepsis. Crit Care Shock 2008;11:1-2.
  415. Surani S, Parrish B, Toth M, Varon J: Persistent left superior vena cava: Incidental discovery in an adult. Crit Care Shock 2008;11:3-5.
  416. Sternbach GL, Varon J: Automatic external defibrillation around the World: The time has come. J Emerg Med 2008;34(3):335-336.
  417. Casillas S, Herrero S, Varon J: Gripe aviar: Lo que un intensivista debe conocer. (Avian flu: What an intensivist must know). Med Intensiva. 2008;32(4):183-193.
  418. Varon J: Hypertension in the emergency department: Should we be concerned? Int Med Alert 2008;30(7):51.
  419. Marik PE, Mayer SA, Varon J: Hypertensive crises in the critical care setting: Current perspectives and practice challenges. Chest Physician 2008;Suppl: 4-14.
  420. Varon J, Acosta P: Therapeutic hypothermia: Past, present and future. Chest 2008;133:1267-1274.
  421. Pollack C, Ebrahimi R, Varon J, Rees C, Peacock W: Clevidipine for the treatment of acute hypertension in elderly patients: An analysis from the VELOCITY study. Acad Emerg Med 2008;15(5 Suppl 1):S59.



422. Rivera-Ruiz M, Cajavilca C, Varon J: Eithoven's string galvanometer: The first electrocardiograph. *Texas Heart Inst J*. 2008;35(2):174-8.
423. Acosta P, Varon J: Genetic pathways, antenatal care and congenital diaphragmatic hernia: Are we there yet?. *Curr Resp Med Rev* 2008;4(3):156.
424. Varon J, Acosta P: Is the Mortality in the Emergency Department Sepsis score a reliable predictive tool for the ED physician? *Am J Emerg Med*. 2008;26(6):693-4.
425. Varon J, Marik P: Perioperative hypertension management. *Vasc Health Risk Manag*. 2008;4(3):615-27.
426. Martinez-Rodriguez C, Varon J: The science behind weaning from mechanical ventilation. *Crit Care Shock* 2008;11:48-53.
427. Valladolid G, Varon J: Etomidate infusion A cause of hyperglycemia? *J Clin Anesth* 2008;20:245-246.
428. Varon J: Diving emergencies. *Proceedings of the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine*. 2008:21-22.
429. Varon J: Optimizing blood pressure in the perioperative setting. *Proceedings of the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine*. 2008:110-111.
430. Varon J: Selective brain hypothermia: An update. *Proceedings of the 15<sup>th</sup> International Symposium on Critical Care and Emergency Medicine*. 2008:171-172.
431. Varon J, Acosta P: Extracorporeal membrane oxygenation in cardiopulmonary resuscitation: Are we there yet? *Crit Care Med* 2008;36(9):2685-2686.
432. Varon J, Acosta P, Wintz R, Mendoza N: Unusual side effect from hydrogel pads during therapeutic hypothermia. *Resuscitation*. 2008;78:248-249.
433. Mendoza N, Davis L, Wintz R, Varon J: Angioedema associated to ophtalmic betablockers. *Crit Care Shock* 2008; 11:47.
434. Nanlohy S, Varon J: Information exchange in critical care for a better future. *Crit Care Shock* 2008;11:71.
435. Ramirez F, Ibarra S, Varon J, Tang R: The neglected eye: Ophthalmological issues in the intensive care unit. *Crit Care Shock* 2008;11:72-82.
436. Acosta P, Varon J: Chronic obstructive pulmonary disease: Economical burden and quality of life in 2008. *Curr Respir Med Rev* 2008;4(4):233.
437. Mendoza-Davila N, Varon J: Naloxone in advanced cardiac life support: Myth or reality?. *Am J Emerg Med* 2008; 26: 902-903.
438. Gaxiola A, Varon J: Evolution and new perspective of chest compression mechanical devices. *Am J Emerg Med*.2008; 26: 923-931.
439. Sternbach GL, Huerta-Alardin AL, Varon J: The ethics of emergency resuscitation. *J Emerg Med* 2008; 35(3):313-314.
440. Acosta P, Varon J: Therapeutic hypothermia From the bench to the bedside: Are we there yet? *Resuscitation* 2008;79:183-184.
441. Mendoza-Davila N, Varon J: Karel Wenckebach: The story behind the block. *Resuscitation* 2008;79:189-192.
442. Cajavilca C, Varon J, Herrero S: Willem Einthoven y la aplicacion clinica del electrocardiograma. (Willem Einthoven and the clinical application of electrocardiography) *Arch Salud Sinaloa* 2008;2(3):104-107.
443. Rivera-Ruiz M, Varon J, Sternbach GL: Acute splenic sequestration in an adult with hemoglobin S-C disease. *Am J Emerg Med*. 2008;26:1064.e5-1064.e8.

444. Varon J, Angeles JE: Clevidipine and the management of acute hypertension. *Therapy*. 2008;5(6):751-758.
445. Marik PE, Varon J: Requirement of perioperative stress doses of corticosteroids. A Systematic Review of the Literature. *Arch Surg*. 2008;143(12):1222-1226.
446. Varon D, Varon J: Resuscitation in Puerto Rico: Where are the survivors? *Crit Care Shock* 2008;11:45-46.
447. Varon J: Coffee consumption and mortality: Reanalyzing the data. *Int Med Alerts* 2008;30(16):123-124.
448. Varon J: Hypertensive emergencies: Time for guidelines. *Crit Care Shock* 2008;11:127-8.
449. Surani S, Cano P, Parish B, Maheshwari M, Varon J: Rhino-orbital-cerebral mucormycosis in a critically ill patient. *Crit Care Shock* 2008; 11:129-131.
450. Varon J: Herbal medicines in acute care medicine: Past, present and future. *Am J Emerg Med* 2009;27(1): 113-114.
451. Soto-Ruiz KM, Varon J: George W. Crile: A visionary mind in resuscitation. *Resuscitation* 2009;80: 6-8.
452. Cajavilca C, Varon J, Sternbach GL: Luigi Galvani and the foundations of electrophysiology. *Resuscitation*. 2009; 80:159-162.
453. Jasqui Remba S, Varon J: Alcohol, the lungs and oxidative stress. *Curr Respir Med Rev* 2009;5(1):1-2.
454. Varon J: The diagnosis and treatment of hypertensive crises. *Postgrad Med*. 2009;121(1):5-13.
455. Varon J, Acosta P: Therapeutic hypothermia: When a question becomes the answer. *Resuscitation* 2009;80:497-8.
456. Gaxiola A, Varon J, Valladolid G: Congenital diaphragmatic hernia: an overview of the etiology and current management. *Acta Paediatrica* 2009;98:621-627.
457. Pollack CV, Varon J, Garrison N, Ebrahimi R, Dunbar L, Peacock F: Clevidipine, an intravenous dihydropyridine calcium channel blocker, is safe and effective for the treatment of patients with acute severe hypertension. *Ann Emerg Med*. 2009;53(3):329-338.
458. Barbandi M, Ghadimi-Mahani M, Patel S, Varon J: Persistent fever in a young critically ill woman. *Crit Care Shock* 2009;12: 1-2.
459. Acosta P, Varon J: Herbal remedies in pulmonary medicine: A word of caution. *Curr Respir Med Rev* 2009;5(2):68.
460. Varon J: Sleep quality and the common cold: Where is the data? *Int Med Alerts* 2009;31(3):20-1.
461. Varon J, Cheung AT: Intravenous antihypertensive agents within cardiovascular-based continuity of care. *Curr Vasc Pharmacol*. 2009; 7(2): 159-168.
462. Acosta P, Varon J: Hipotermia terapeutica: La resistencia al cambio. (Therapeutic hypothermia: The resistance to change). *Arch Salud Sinaloa* 2009;3(1):3-4.
463. Marik PE, Varon J: Management of perioperative hypertension: A review of current and emerging therapeutic agents. *J Clin Anesth*.2009;21:220-229.
464. Surani S, Surani A, Varon J: Giant right atrium secondary to mitral stenosis. *Crit Care Shock* 2009;12:51.
465. De Cicco I, Varon J: Portal and splenic vein thrombosis caused by acute pancreatitis. *Crit Care Shock* 2009;12:52.
466. Varon J, Acosta P: Coagulopathy during therapeutic hypothermia: Where is the data?. *Resuscitation* 2009;80:726-727.

467. Surani S, Mclemore K, Nguyen T, Varon J: An unusual chest pain. *Crit Care Shock* 2009;12:85-86.
468. Acosta P, Varon J: Exogenous surfactant for pediatric acute lung injury: Who, when and how? *Curr Respir Med Rev* 2009;5(3):125.
469. Gilbert C, Marik PE, Varon J: Acute lobar atelectasis during mechanical ventilation: To beat, suck, or blow? *Crit Care Shock* 2009; 12:100-103.
470. Chapa L, Surani S, Varon J: Management of hydrofluoric acid injury in the emergency department and critical care units. *Crit Care Shock* 2009;12:117-119.
471. Marik PE, Varon J: Omega-3 dietary supplements and the risk of cardiovascular events: A systematic review. *Clin Cardiol* 2009;32(7):365-372.
472. Vela-Zárate P, Varon J: BNP this, BNP that...Now in sepsis?. *Am J Emerg Med*. 2009;27:707-708.
473. Varon J: Should we perform serial ultrasonography to tailor anticoagulation therapy for patients with deep vein thrombosis? *Int Med Alerts* 2009;31(12):93-94.
474. Varon J: Critical care economics. *Proceedings of the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine*. 2009:31.
475. Varon J: Hypothermia in traumatic brain injury. *Proceedings of the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine*. 2009:44.
476. Varon J: Hypertension crises: Update in management. *Proceedings of the 16<sup>th</sup> International Symposium on Critical Care and Emergency Medicine*. 2009: 163-164.
477. Peacock WF, Angeles JE, Soto KM, Lumb PD, Varon J: Parenteral clevidipine for the acute control of blood pressure in the critically ill patient: A review. *Ther Clin Risk Manag* 2009;5:627-634.
478. Katz JN, Gore JM, Amin A, Anderson FA, Dasta JF, Ferguson JJ, Kleinschmidt K, Mayer S, Multz AS, Peacock F, Peterson E, Pollack C, Sung GY, Shorr A, Varon J, Wyman A, Granger CB, on behalf of the STAT Investigators: Practice patterns, outcomes, and end-organ dysfunction for patients with acute severe hypertension: the Studying the Treatment of Acute hyperTension (STAT) Registry. *Am Heart J* 2009; 159(4):599-606.
479. Gaxiola A, Varon J: Evolution et perspectives pour les matériels mécaniques de compression thoracique. (Evolution and perspectives of thoracic mechanical compression devices). *Urgence Pratique* 2009;97:20-24.
480. Montagnier L, Aissa J, Lavallee C, Mbamy M, Varon J, Chenal H: Electromagnetic detection of HIV DNA in the blood of AIDS patients treated by antiretroviral therapy. *Interdiscip Sci Comput Life Sci* 2009; 1: 245-253.
481. Varon J: Therapeutic hypothermia in cardiac arrest: 206 years later!. *Resuscitation*. 2009;80: 1335.
482. Rivera A, Dasta JF, Varon J: Critical care economics. *Crit Care Shock* 2009;12:124-129.
483. Pedraza R, Marik PE, Varon J: Posterior reversible encephalopathy syndrome: A review. *Crit Care Shock*. 2009; 12:135-143.
484. Varon J: Therapeutic hypothermia: Implications for acute care practitioners. *Postgrad Med*. 2010;122(1):19-27.
485. Jasqui-Remba S, Rivera A, Varon J, Sternbach GL: Dominique Jean Larrey: The effects of therapeutic hypothermia and the first ambulance. *Resuscitation*. 2010;81:268-271.
486. Varon J: Therapeutic hypothermia: Past, present and future. *Proceedings of the ANZICS NZ 2010 Intensive Care Congress*. Why I see you's different. New Zealand, 2010:22.

487. Varon J: Obesity in the ICU. Proceedings of the ANZICS NZ 2010 Intensive Care Congress. Why I see you's different. New Zealand, 2010:25.
488. Varon J: USA: Where the user pays Why my ICU is different. Proceedings of the ANZICS NZ 2010 Intensive Care Congress. Why I see you's different. New Zealand 2010:27-28.
489. Varon J: Managing hypertensive crisis in the ICU. Proceedings of the ANZICS NZ 2010 Intensive Care Congress. Why I see you's different. New Zealand 2010:37.
490. Varon J: Withdrawing and withholding therapy in the United States. Proceedings of the ANZICS NZ 2010 Intensive Care Congress. Why I see you's different. New Zealand 2010:40-41.
491. Marik PE, Varon J: Early goal-directed therapy: on terminal life support? Am J Emerg Med. 2010;28: 243-245.
492. Marik PE, Varon J: Prolonged and profound therapeutic hypothermia for the treatment of "brain death" after a suicidal intoxication. Challenging conventional wisdoms. Am J Emerg Med 2010;28: 258.e1-258.e4
493. Varon J: Therapeutic hypothermia: The race to faster cooling. Resuscitation. 2010;81(4): 373-4.
494. Acosta P, Varon J: The use of helium-oxygen in critically ill patients: Are we there yet? Curr Resp Med Rev 2010;6:78-79.
495. Peacock WFP IV, Varon J, Ebrahimi R, Dunbar L, Pollack C. Clevidipine for Severe Hypertension in Acute Heart Failure: A VELOCITY Trial Analysis. Congest Heart Fail 2010;16:55-59.
496. Mirtallo JM, Dasta JF, Kleinschmidt KC, Varon J: State of the Art Review: Intravenous fat emulsions: Current applications, safety profile, and clinical implications. Ann Pharmacother 2010;44:688-700.
497. Szczech LA, Granger CB, Dasta JF, Alpesh A, Peacock WF, McCullough PA, Weir MR, Katz JN, Anderson FA, Wyman A, Varon J for the STAT Investigators: Acute kidney injury and cardiovascular outcomes in acute severe hypertension. Circulation 2010;121:2183-2191.
498. Varon J, Nanlohy S: Therapeutic hypothermia in the year 2010: it is about time! Crit Care Shock, 2010;13:38-39.
499. Acosta P, Varon J: Human papillomavirus and squamous cell carcinoma: More questions than answers. Curr Respir Med Rev 2010;6:148.
500. Varon J, Acosta P: The physiology behind intubation and ventilation: It is never too late to learn. J Emerg Med 2010;38(5):661-662.
501. Rivera A, Montoya E, Varon J: Intravenous clevidipine butyrate for the management of hypertension. Integrated Blood Pressure Control 2010;3:105-111.
502. Varon J: Silent pulmonary emboli in patients with deep vein thrombosis: Time to screen? Int Med Alerts 2010;32(10):76-77.
503. Varon J: Perioperative hypertension: A critical care approach. Proceedings of the 17<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta 2010:29-30.
504. Varon J: Clevidipine in acute hypertension: The evidence of its therapeutic value. Clin Med Rev Vasc Health 2010; 2: 191-200.
505. Urquieta E, Varon J: The medical emergency team and prevention of sudden cardiac death: Where is the data? Crit Care Shock 2010;13:73-74.

506. Gore JM, Peterson E, Amin A, Anderson FA, Dasta JF, Levy PD, O'Neil BJ, Sung GY, Varon J, Wyman A, Granger CB for the Studying the Treatment of Acute hyperTension (STAT) investigators: Predictors of 90-day readmission among patients with acute severe hypertension. The cross-sectional observational Studying the Treatment of Acute hyperTension (STAT) study. *Am Heart J* 2010;160:521-527.e1.
507. Eguia-Bernal M, Varon J, Acosta P, Montagnier L: Oxidative stress in critical care medicine. *Int J Clin Prac.* 2010;64(11):1480-1488.
508. Urquieta W, Varon J: The diagnosis of respiratory viral illness: Are we there yet? *Curr Respir Med Rev* 2010;6:218-219.
509. Devlin JW, Dasta JF, Kleinschmidt K, Roberts RJ, Lapointe M, Varon J, Anderson FA, Wyman A, Granger CB, on behalf of the Studying the Treatment of Acute Hypertension (STAT) Investigators: Patterns of antihypertensive treatment in patients with acute severe hypertension from a nonneurologic cause: Studying the Treatment of Acute Hypertension (STAT) Registry. *Pharmacotherapy* 2010;30(11): 1087-1096.
510. Varon J, Baumann BM, Cannon C, Cline D, Diericks D, Nowak R, Jois-Bilowich P, Kaminski B, Levy P, Shcrock J, Peacock F: A comparative effectiveness trial of intravenous (IV) nicardipine versus labetalol in patients with hypertensive crises and renal dysfunction. *Chest.* 2010;138;906A.
511. Levy P, Cline D, Baumann B, Hsu A, Varon J, Peacock WF: Impact of initial blood pressure on antihypertensive response in patients with acute hypertension. *Hypertension* 2010;56 (5):e86.
512. Surani S, Rodriguez M, Noorudin S, Varon J: Repeated acute respiratory failure: The strongyloidiasis hyperinfection syndrome. *Crit Care Shock* 2010;13:14-17.
513. Varon J, Einav S: Hyperoxia and cardiopulmonary resuscitation outcome: Where is the data?. *Crit Care Shock.* 2010; 13:138-140.
514. Surani S, Varon J: Gastric volvulus herniation in the chest. *Crit Care Shock* 2010;13:117-8.
515. Surani S, Sudhakaran S, Apolinario M, Varon J: A very vascular right hemithoracic opacity. *Crit Care Shock* 2010;13:119-120.
516. Wintz RL, Lynds R, Varon J: Incidental nephrograms in acute renal failure. *Crit Care Shock* 2010;13:121.
517. Varon J, Marik P, Einav S: Therapeutic hypothermia in Southeast Asia. *Resuscitation* 2010; 81(Issue 2S):S64.
518. DeKeyser Ganz F, Israel S, Hersch M, Varon J, Einav S: Resuscitation in general medical wards: Who decides? *Resuscitation* 2010; 81( Issue 2S):S113.
519. Peacock WF, Baumann BM, Borczuk P, Cannon CM, Chandra A, Diercks D, Kaminstki B, Levy P, Nowak RM, Schrock JW, Varon J: CLUE; A randomized comparative effectiveness trial of IV nicardipine versus labetalol use in the emergency department. *Ann Emerg Med.* 2010;56(3):Suppl 34-35: 103.
520. Espina IM, Morgado J, Varon J: Postoperative pulmonary complications and the importance of the preoperative evaluation. *Curr Respir Med Rev*, 2011;7:1-2.
521. Fernandez I, Valladolid G, Varon J, Sternbach G: Encounters with venomous sea-life. *J Emerg Med.* 2011;40(1):103-112.
522. Soto-Ruiz KM, Peacock WF, Varon J: The men and history behind the Venturi mask. *Resuscitation.* 2011;82:244-246.

523. Gonzalez-Ibarra FP, Varon J, Lopez-Meza EG: Therapeutic hypothermia: Critical review of the molecular mechanisms of action. *Front Neur* 2011;2(4):18.
524. Peacock WFP IV, Varon J, Ebrahimi R, Dunbar L, Pollack CV: Clevidipine for severe hypertension in patients with renal dysfunction: a VELOCITY trial analysis. *Blood Pressure* 2011;20 (Ther Suppl 1): 20-25.
525. Vazquez J, Varon J: Prenatal lung imaging and outcome: Where is the data? *Curr Respir Med Rev* 2011;7:70-71.
526. Vazquez J, Varon J: Adherence to CPAP: Understanding the key to a successful treatment. *Curr Respir Med Rev* 2011; 7:144-145.
527. Aronson S, Varon J: Hemodynamic control and clinical outcomes in the perioperative setting. *J Cardiothorac Vasc Anesth.* 2011;25(3):509-525.
528. Espina IM, Varon J: Hands-only CPR: A literature review on the benefits of chest compression-only CPR for out-of-hospital cardiac arrest. *Crit Care Shock*, 2011;14:28-33.
529. Patron V, Varon J: Airway hyperresponsiveness in asthma: Are we there yet? *Curr Respir Med Rev* 2011;7:229-230.
530. Soto-Ruiz KS, Peacock WF, Varon J: Perioperative hypertension: Diagnosis and treatment. *Neth J Crit Care (Nederlandse Vereniging voor Intensive Care).* 2011;15(3):143-148.
531. Varon J: The “in extremis” call: When your friend is the one calling!. *Crit Care Shock.* 2011; 14:24-25.
532. Varon J, Noyola A: The “radiographic” effects of therapeutic hypothermia. *Crit Care Shock*, 2011;14:26-27.
533. Varon J: Modern management of acute intracranial hypertension. *Proceedings of the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta* 2011:43-44.
534. Varon J: Selective brain hypothermia. . *Proceedings of the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta* 2011:245-246.
535. Varon J: Management of perioperative hypertension.. *Proceedings of the 18<sup>th</sup> International Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta* 2011:297-8.
536. Peacock WF, Varon J, Baumann BM, Cannon CM, Chandra A, Cline DM, Diericks D, Hiestand B, Hsu A, Jois-Bilowich P, Kaminski B, Levy P, Nowak RM, Schrock JW: CLUE: a randomized comparative effectiveness trial of IV nicardipine versus labetalol use in the emergency department. *Critical Care* 2011; 15:R157 (1-9).
537. Bugarin M, Varon J: SCUBA diving and changes in lung function: Where is the data? *Curr Respir Med Rev* 2011;7:302-303.
538. Cajavilva GP, Varon J: El golpe de calor en el año 2011: Done estamos y adonde vamos? (Heat stroke in the year 2011: Where are we and where are we heading?) *Arch Salud Sinaloa* 2011;5(2):48-50.
539. Mayer S, Kurtz P, Wyman A, Sung GY, Multz AS, Varon J, Granger CB, Kleinschmidt K, Lapointe M, Peacock F, Katz JN, Gore JM, O’Neil B, Anderson FA: Clinical practices, complications, and mortality in neurological patients with acute severe hypertension: The STAT Registry. *Crit Care Med.* 2011;39:2330-2336.
540. Surani S, Morales M, Rodriguez M, Varon J: The resilience of the human body. *Am J Emerg Med* 2011;29(7) :835-837.

541. Varon J, Acosta P: Norepinephrine and the kidneys after cardiopulmonary resuscitation: What is the fuzz all about? *Am J Emerg Med.* 2011;29:922-923.
542. Peacock F, Amin A, Granger CB, Pollack C, Levy P, Nowak R, Kleinschmidt K, Varon J, Wyman A, Gore JM, for the STAT Investigators: Hypertensive heart failure: Patient characteristics, treatment, and outcomes. *Am J Emerg Med.* 2011;29:855-862.
543. Sanchez JA, Espina IM, Varon J: Sepsis and acute kidney injury: Is there a role for activated protein C in 2011? *Crit Care Shock* 2011;14:57-59.
544. Espina IM, Varon J: Cheyne-Stokes: A flashback to the 19<sup>th</sup> century. *Curr Respir Med Rev* 2011;7:393.
545. Surani S, Estement B, Manchandan S, Sudhakaran S, Varon J: Spontaneous extraperitoneal lumbar artery hemorrhage. *J Emerg Med.* 2011;40(6):e111-4.
546. Varon J: Predicting sudden cardiac death in women with coronary artery disease. *Int Med Alert* 2011;33(23):179.
547. Firwana BM, Hasan R, Ferwana M, Varon J, Stern A, Didwani U: Tissue plasminogen activator versus heparin as locking agents for dialysis catheters: A systematic review. *Avicenna J Med.* 2011;1(2):29-34.
548. Graña L, Gathe JC, Varon J: The role of statins in the intensive care unit. *Curr Respir Med Rev*, 2012;8:1.
549. Murillo Lanes J, Varon J, Velarde Felix JS, Gonzalez Ibarra FP: Antimicrobial resistance of *Escherichia coli* in Mexico: How serious is the problem? *J Infect Dev Ctries* 2012; 6(2):126-131.
550. Patron VG, Espina IM, Varon J: Hypoxic pulmonary hypertension: Are we getting closer to the answer? *Curr Respir Med Rev* 2012; 8: 79-80.
551. Gonzalez-Ibarra FP, Lopez-Meza E, Rodriguez-Castro CE, Varon J: Therapeutic hypothermia for the second time: is it possible? *Crit Care Shock* 2012;15:70-71.
552. Fontes M, Varon J: Hypertensive crisis: Newer concepts. *Int Anesthesiol Clin.*2012;50(2):40-58.
553. Miner J, Lewis LM, Mosnaim G, Varon J, Theodoro D, Hoffman T: Feasibility of percutaneous vagal electrical stimulation for the treatment of acute asthma exacerbations. *Academ Emerg Med.* 2012;19:421-429.
554. Varon J, Marik PE, Einav S: Therapeutic hypothermia: A state-of-the-art emergency medicine perspective. *Am J Emerg Med.* 2012; 30:800-810.
555. Espina IM, Varon J: Therapeutic hypothermia: From cardiac arrest to ARDS and beyond. *Curr Respir Med Rev* 2012;8:145-146.
556. Varon J: Intravascular ultrasound in the ICU: The case of IVC filters. *Proceedings of the 19th International Symposium on Critical Care and Emergency Medicine.* Indonesian Foundation on Critical Care, Jakarta 2012:36.
557. Mansukhani MP, Kolla BP, Surani S, Varon J, Ramar K: Sleep deprivation in resident physicians, work hours limitations, and related outcomes: A systematic review of the literature. *Postgrad Med* 2012; 124(4):241-249.
558. Espina IM, Varon J: Clevidipine: A state-of-the-art antihypertensive drug under the scope. *Expert Opin Pharmacother.* 2012;13(3):387-393.
559. Espina IM, Varon J: Flipping and cooling in severe hypoxemia: An example of combination therapy in respiratory medicine. *Curr Med Respir Rev* 2012;8:259-260.
560. Fastag E, Varon J: Popsicle-induced life-threatening angioedema: Case report and literature review. *Crit Care Shock* 2012;15:43-44.

561. Peacock WF, Hilleman DE, Levy PD, Rhoney DH, Varon J: A systematic review of nicardipine versus labetalol for the management of hypertensive crises. *Am J Emerg Med.* 2012;30(6):981-993.
562. Espina IM, Varon J: Assessing prognosis in the emergency department: Do we have a magic ball? *Am J Emerg Med.* 2012;30:1567-1568.
563. Firwana BM, Hasan R, Hasan N, Alahdab F, Alnahhas I, Hasan S, Varon J: Tumor lysis syndrome: A systematic review of case series and case reports. *Postgrad Med* 2012;124(2):92-101.
564. Muhyieddeen K, Chen WC, Varon J: A case of IVC filter thrombosis. *J Thromb Thrombolysis* 2012;34:404-405.
565. Varon J, Fastag E, Espina I, Sanchez J: Therapeutic hypothermia for the Acute Respiratory Distress Syndrome. *Chest* 2012;142(4\_MeetingAbstracts):320A-320A.
566. Vazquez J, Varon J: From molecular cardiology to emergency medical practice The role of inflammatory markers. *Am J Emerg Med* 2012; 30:1210-1211.
567. Espina IM, Gathe JC, Varon J: Pulmonary histoplasmosis in immunocompetent and immunocompromised patients. *Curr Respir Med Rev* 2012;8:343-344.
568. Tirado G, Varon DS, Varon J: Biofilm, nosocomial infections and endotracheal tubes. *Curr Respir Med Rev* 2012;8:409-410.
569. Einav S, Alon G, Kaufman N, Braunstein R, Carmel S, Varon J, Hersch M: To resuscitate or not to resuscitate: A logistic regression analysis of physician-related variables influencing the decision. *Emerg Med J*, 2012;29(9). 709-714.
570. Acosta-Lara P, Varon J: Therapeutic hypothermia in sepsis; To use or not to use? *Am J Emerg Med* 2013;31:381-82.
571. Munoz S, Nowzaradan Y, Varon J: Extreme obesity in the intensive care unit: The malignant obesity hypoventilation syndrome. *J Int Care Med* 2013;28(20)134-135.
572. Laniado I, Varon J: Extravascular lung water measurement and airway pressure release ventilation: Is this the final answer for ARDS/ALI patients? *Crit Care Shock* 2013;16:1-2.
573. Cannon CM, Levy P, Baumann B, Borczuk P, Chandra A, Cline D, Diercks, D, Hienstad B, Hsu A, Jois-Bilowich P, Kaminski B, Nowak R, Shrock J, Varon J, Peacock F: Intravenous nicardipine and labetalol use in hypertensive patients with signs or symptoms suggestive of end-organ damage in the emergency department. *BMJ Open* 2013;3:e002338.
574. Surani SR, Surani S, Khimani A, Varon J: Metastatic pulmonary calcification in multiple myeloma in a 45-year-old man. *Case Rep Pulm.* 2013: 341872.DOI:10.1155/2013/341872.
575. Zuno C, Varon J: The value of procalcitonin in pulmonary infections. *Curr Respir Med Rev.* 2013;9:1-2.
576. Varon J, Polderman K: Procalcitonin for prognostication after cardiac arrest: Another piece of the puzzle? *Resuscitation* 2013;84:718-719.
577. Fastag E, Varon J, Sternbach G: Richard Lower: The origins of blood transfusion. *J Emerg Med.* 2013;44(6):1146-1150.
578. Varon J: Twenty years of critical care medicine. *Proceedings of the 20th International Symposium on Critical Care and Emergency Medicine 2013.* Indonesian Foundation on Critical Care, Jakarta 2013:47-48.
579. Idelchik GM, Varon J: Thrombolytic and catheter-directed therapy for pulmonary embolism: The paradox of clinical outcomes and theory. *Curr Respir Med Rev* 2013;9:73-74.



580. Idelchik GM, Varon J: Novel oral anticoagulants in the treatment of pulmonary embolism: Are we there yet? *Curr Respir Med Rev* 2013;9:147-148.
581. Varon J: Avoiding common prehospital errors. *Crit Care Med*. 2013;42(9):e244.
582. Ahmad A, Laniado I, Zuno C, Varon J: Is procalcitonin a reliable indicator in patients that undergo therapeutic hypothermia? *Resuscitation* 2013;84(Suppl 1):S90.
583. Pablo S, Gathe J, Varon J: Ethambutol-induced nephrotoxicity: Case report and review of the literature. *Crit Care Shock* 2013;16:45-47.
584. Ocegueda-Pacheco C, Varon J: Therapeutic hypothermia: Myths and controversies. *Crit Care Shock* 2013;16:100-101.
585. Bopparaju S, Varon J, Surani S: Pulmonary embolism with vertebral augmentation procedures. *Case Rep Pulm* 2013; 2013: 785307:1-4.
586. Khimani A, Surani S, Varon J, Surani S: Aberrant central venous cannulation of the pericardial vein. *Crit Care Shock* 2013;16:102-103.
587. Leff-Podoswa I, Varon J: Cystic fibrosis treatment: Are we there yet? *Curr Respir Med Rev* 2013;9:225-226.
588. Herrero S, Varon J: Therapeutic hypothermia: Lessons and obstacles in neuroprotection. *Anaes Pain & Intensive Care* 2013;17(3):225-227.
589. Leff-Podowska I, Varon J: N-acetylcysteine: More than COPD and IPF in pulmonary medicine. *Curr Respir Med Rev* 2013;9: 281-282.
590. Elias A, Varon J: Communicating effectively with pulmonary patients. *Curr Respir Med Rev* 2013;9:349.
591. Bernardo L, Idelchik GM, Varon J: Gastromegaly as the cause of unexplained chest pain. *Crit Care Shock* 2014;1:1-2.
592. Urquieta E, Varon J: Medevac in mass casualty disasters: The Mexico City Police HEMS experience. *Aviat Space Environ Med*. 2014;85(3):220-221.
593. Cimpoesu D, Stoica L, Petris A, Varon J: A case of anaphylactic shock due to an uncommon cause. *Crit Care Shock* 2014;1:21-26.
594. Surani S, Allen K, Ocegueda-Pacheco C, Varon J: Atrioventricular dissociation following blunt chest trauma. *Case Rep Med*. 2014; 2014; 349652.
595. Varon J, Polderman K: Targeted temperature management after cardiac arrest. *N Engl J Med*. 2014;370:1358-1359.
596. Polderman KH, Varon J: We should not abandon therapeutic cooling after cardiac arrest. *Crit Care* 2014;18:130.
597. Idelchik GM, Varon J: Hypocarbia, therapeutic hypothermia and mortality: The Krebs's cycle is key. *Am J Emerg Med* 2014; 32:643-644.
598. Idelchik GM, Varon J: Normal saline versus colloid solutions for induction of hypothermia: The effect of specific heat capacity on cooling. *Crit Care*. 2014; 18:123.
599. Padilla-Ramos A, Varon J: Current and newer agents for hypertensive emergencies. *Curr Hyperten Rep*. 2014; 16:450.
600. Varon J, Herrero S, Torres-Landa SR, Fernandez S, DeAnda I, Padilla-Ramos A, Polderman K: PCT levels as predictors of neurological outcome in patients with cardiac arrest treated with therapeutic hypothermia: A retrospective study. *Resuscitation* 2014;85S: S103.
601. Varon J, Herrero S, Torres-Landa SR, Fernandez S, DeAnda I, Leff-Podoswa I, PadillaRamos A, Polderman K: C-reactive protein is a biomarker for neurological outcome in patients undergoing therapeutic hypothermia. *Resuscitation* 2014;85S: S105.

602. Peacock WF, Liang E, Kwei L, Korsan RJ, Green ML, Poland B, Tang MT, Varon J: Modeling comparative effectiveness studies: An example using a phase IV intravenous nicardipine versus labetalol in patients with uncontrolled hypertension trial. *Crit Care Shock*. 2014;2: 37-49.
603. Surani S, Allen K, Surani S, Varon J: Endobronchial lipomatous polyp: A rare benign tumor of the lung. *Case Rep Pulm*. 2014: 2014;240834.
604. Polderman K, Varon J: Cool hemodynamics The intricate interplay between therapeutic hypothermia and the post-cardiac arrest syndrome. *Resuscitation* 2014;85:975-976.
605. Varon J: From Wallenberg's to SIRS: A tale of a critically ill physician. *Crit Care Shock* 2014;3:58-60
606. Ocegueda Pacheco C, Garcia JC, Varon J, Polderman K: Therapeutic hypothermia for cardiovascular collapse and severe respiratory distress after amniotic fluid embolism. *Ther Hypother Temp Manag*. 2014;4(2):96-98.
607. Fernandez Hernandez S, Ocegueda-Pacheco C, Varon J: Clinical improvement of multiple sclerosis after implementation of mild therapeutic hypothermia: A case report. *Crit Care Shock* 2014;3:75-77.
608. Varon J: Acute severe hypertension in neurological patients: Treatment options and outcomes. *Proceedings of the 21<sup>ST</sup> International Symposium on Critical Care and Emergency Medicine*. Indonesian Foundation on Critical Care, Jakarta 2014:37-38.
609. Sesteaga G, Varon DS, Varon J: Amniotic fluid embolism and the respiratory system: Management trends and future options. *Curr Respir Med Rev* 2014; 10:1-2.
610. Varon J, Soto-Ruiz KM, Baumann BM, Borczuk P, Cannon CM, Chandra A, Cline DM, Diercks DM, Hiestand B, Hsu A, Jois-Bilowich P, Kaminski B, Levy P, Nowak RM, Schrok JM, Peacock WF: The management of acute hypertension in patients with renal dysfunction: Labetalol or nicardipine? *Postgrad Med* 2014; 124 (4): 124-130.
611. Sesteaga G, Surani S, Varon J: Are upper airway stimulation devices for the treatment of obstructive sleep apnea ready for prime time? *Curr Respir Med Rev* 2014;10:65-66.
612. Mercado Garcia R, Marik PE, Varon J: The obesity supine sudden death syndrome in the perioperative setting. *Crit Care Shock* 2014;4:82-84.
613. Polderman K, Varon J: When better is the enemy of good: The optimal heart rate during therapeutic cooling. *Crit Care Med* 2014;42(11):2452-2454.
614. Urquieta E, Varon J: Mexico city's Petroleos Mexicanos explosion: Disaster management and air medical transport. *Air Med J*. 2014; 33(6):309-313.
615. Surani S, Tan J, Ahumada A, Surani SS, Sudhakaran S, Varon J: Delayed recurrence of atypical pulmonary carcinoid cluster: A rare occurrence. *Case Rep Pulm* 2014; 2014: 620814.
616. Varon J: Therapeutic hypothermia in cardiovascular medicine in the year 2014. *Proceedings of the BIT 6<sup>th</sup> International Congress of Cardiology 2014*. BIT Congress book. 2014;37.
617. Varon J: The diagnosis and treatment of hypertensive crises. *Proceedings of the BIT 6<sup>th</sup> International Congress of Cardiology 2014*. BIT Congress book. 2014; 42.
618. Olvera-Lopez E, Varon J: AWAREness during CPR: Be careful with what you say! *Resuscitation* 2014;85:A5-A6.
619. Espina IM, Varon J: Alternative and complementary medicine in pulmonary condition. *Curr Respir Med Rev* 2014;10:139-140.
620. Surani S, Varon J: Lung dialysis: Are we there yet? *Curr Respir Med Rev* 2014;10:195-196.

621. Marik P, Varon J: The malignant obesity hypoventilation syndrome (MOHS). *Curr Respir Med Rev* 2014; 10:197-205.
622. Polderman KH, Varon J: How low should we go? Hypothermia or strict normothermia after cardiac arrest? *Circulation* 2015;131:669-675.
623. Urquieta E, Varon J: Air medical transport of prisoners: Who, how, when?. *Aerosp Med Hum Perform.* 2015; 86(3):186.
624. Aderinto-Adike A, Hannawi B, Thomas A, Nowbakht C, Varon J: Painful skin lesions and bloody diarrhea. *Crit Care Shock* 2015;18:3-4.
625. Parra Hernandez MF, Varon J: An unusually large pleural cyst. *Crit Care Shock* 2015;18:34-35.
626. Fernandez-Hernandez S, Cortez Nuñez AK, Varon J: Invasive pulmonary aspergillosis in an immunocompetent host. *Crit Care Shock* 2015;18:43-45.
627. Polderman KH, Varon J: Don't drown the patient: Appropriate fluid management in critical illness. *Am J Emerg Med.* 2015;33(3):448-450.
628. Freiermuth CE, Chandra A, Limkakeng AT, Varon J, Baumann BM, Borczuk P, Cannon CM, Cline DM, Diercks DB, Hiestand B, Hsu A, Jois P, Kaminski B, Levy P, Nowak RM, Schrock JW, Peacock WF: Characteristics of patients that do not initially respond to intravenous antihypertensives in the emergency department: A subanalysis of the CLUE trial. *West J Emerg Med.* 2015;16(2):276-283.
629. Polderman KH, Varon J: Interpreting the results of the therapeutic temperature trial in cardiac arrest. *Ther Hypother Temp Manag.* 2015;5(2):73-76.
630. Surani S, Lockwood G, Macias MY, Guntupalli B, Varon J: Hypertonic saline in elevated intracranial pressure: Past, present and future. *J Inten Care Med.* 2015;30 (1): 8-12.
631. Salazar M, Hu BB, Vazquez J, Wintz R, Varon J: Exogenous vasopressin-induced hyponatremia in the patient with vasodilatory shock: Two case reports and literature review. *J Inten Care Med.* 2015;30(5):253-258.
632. Varon J: The journal: Past, present and future. *Curr Respir Med Rev* 2015;11:1.
633. Surani AA, Ali Sm Surani A, Zahid S, Shoukat A, Varon J, Surani S: Pattern of external injuries sustained during bomb blast attacks in Karachi, Pakistan from 2000 to 2007. *J Pak Med Assoc* 2015;65:715-720.
634. Varon J: Therapeutic hypothermia for ARDS and sepsis. Proceedings of the 22nd International Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta 2015:47-48.
635. Varon J: The Varon-Ayus syndrome. Proceedings of the 22nd International Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta 2015:88.
636. Varon J: The management of the morbidly obese patient in the ICU. Proceedings of the 10<sup>th</sup> Symposium on Nutri Indonesia. Indonesian Nutrition Association, Jakarta 2015:18-20.
637. Marik P, Varon J: Nitroglycerin, stroke and hypertension: A word of caution. *Crit Care Shock.* 2015;18:59-60.
638. Baidon J, Varon J: Biloma: Multiple organ failure after laparoscopic cholecystectomy. *Crit Care Shock* 2015;18:82-86.
639. Abella BS, Varon J, Föedisch M, Tisherman S: Cooling strategies outside the central nervous system. *Ther Hypothermia Temp Manag* 2015;5(3):1-5.

640. Leon M, Einav S, Varon J: Organ donation among healthcare providers: Is giving and receiving similar? *Transplant Proc* 2015; 47: 1567-1571.
641. Surani S, Varon J: COPD readmission rate penalty: Double-edge sword, emphasizing innovations. *Curr Respir Med Rev*. 2015;11:70-71.
642. Chavez L, Torres K, Duarte M, Surani S, Einav S, Varon J: When terminal illness is worse than death: A multicenter study of healthcare providers' resuscitation desires. (Abstract). *Chest*. 2015;148(4\_meetingAbstracts):771A.
643. Leon M, Castillo Abrego G, Nunez A, Surani SR, Einav S, Varon J: Organ donation among healthcare providers: Is giving and receiving similar? (Abstract). *Chest*. 2015;148(4\_MeetingAbstracts):1082A.
644. Varon A, Varon J: Shenfu, Traditional Chinese Medicine in sepsis: Are we ready for it?. *Am J Emerg Med*. 2015;33:1244-1245.
645. Polderman KH, Varon J, Marik P: Fluid management decisions should not be guided by fixed central venous pressure targets. *Am J Emerg Med* 2015;33:1311.
646. Ortega J, Duarte F, Surani S, Einav S, Varon J: Decisions regarding cardiopulmonary resuscitation: Who really has the final word, the patient or the doctor? (Abstract) *Resuscitation*. 2015;96S:119-120.
647. Leon M, Chavez LO, Castillo Abrego G, Surani S, Einav S, Varon J: It goes both ways: Hospital workers' confidence in making resuscitation decisions for their own family and in their family for making a decision for themselves. (Abstract) *Resuscitation*. 2015;96S:120.
648. Martin del Campo JM, Chavez LO, Einav S, Varon J: Preferences regarding code status among different healthcare workers. (Abstract) *Resuscitation*. 2015;96S:121.
649. Torres K, Einav S, Villarreal R, Varon J: Religion and life-support withdrawal in children: What do healthcare providers wish?. (Abstract) *Resuscitation*. 2015;96S:130-131.
650. Duarte F, Einav S, Varon J: False memories and illusions of success? Medical healthcare professionals claims of having seen a patient returning to normal activity after cardiopulmonary resuscitation. (Abstract) *Resuscitation*. 2015;96S:146-147.
651. Surani S, Varon J: Airway pressure release ventilation: Is it ready for primetime? *Curr Respir Med Rev* 2015; 11(3): 187-188.
652. Wintz RL, Varon J, Mendez Flores RG, Fuentes Rojas SC: Angiokeratomas in the Intensive care unit. *Crit Care Shock* 2015; 18:87-89.
653. Iqbal S, Varon J: An unusual area of calciphylaxis in a critically ill patient. *Crit Care Shock* 2015;18:90-91.
654. Varon J, De Anda-Izaguirre I, Fernandez-Hernandez S, Padilla Ramos A, Ocegueda Pacheco C, Herrero SM: Procalcitonin levels as predictors of neurological outcome in patients with cardiac arrest treated with mild therapeutic hypothermia: A retrospective study. *Crit Care Shock* 2015;18: 97-103.
655. Surani S, Varon J: Biomarkers in the early recognition of sepsis: The quest continues. *Am J Emerg Med*. 2015;33:1671.
656. Surani S, Varon J: To round or not to round: That is the question! *Hosp Pract*, 2015;43(5):268-269.
657. Chavez LO, Leon M, Einav S, Varon J: Inside the cold heart: A comprehensive review of therapeutic hypothermia cardioprotection. *Eur J Cardiol Acute Cardiovasc Care*. 2015;1:1-12.

658. Surani S, Varon J: Hypoglossal nerve stimulation: An emerging and futuristic therapy for obstructive sleep apnea. *Curr Respir Med Rev* 2016;11:256-257.
659. Corlateanu A, Varon J: Continuous positive airway pressure: Life-saving technology. *Curr Respir Med Rev*. 2016;12(1):2-3.
660. Coyle L, Entezaralmahdi M, Adeola M, De Hoyos P, Mehed A, Varon J: The perfect storm: Copper deficiency presenting as progressive peripheral neuropathy. *Am J Emerg Med*. 2016;34:340.e5-340.e6.
661. Marik PE, Varon J: Precision medicine and the Federal sepsis initiative! *Crit Care Shock* 2016;19:1-3.
662. Rivera H, Varon J: Green tea and cardiac arrest: Just in case! *Am J Emerg Med*. 2016;34:576-577.
663. Aragon F, Bustamante S, Garcia I, Mejia S, Schiavon M, Einav S, Varon J: I am homosexual. Will my autonomy as a patient be respected by health care providers? *Chest* 2016;149(suppl 4\_S): 417A.
664. Duarte F, Anaya C, Einav S, Morales C, Aragon F, Varon J: Bad news: Are you ready? Healthcare providers perceptions regarding their training to deliver bad news. *Chest*, 2016; 149(suppl 4\_S): 418A.
665. Mendez Y, Romero S, Einav S, Surani SR, Varon J: ICU approach by healthcare providers towards sexual offenders. *Chest* 2016:149(suppl 4\_S):419A.
666. Duarte F, Einav S, Varon J: False memories: Healthcare professionals' claims of having seen a patient returning to normal activity after CPR. *Am J Emerg Med*. 2016;34:925-927.
667. Ocegueda-Pacheco C, Varon J: ECPR: Are we ready for primetime? *Resuscitation* 2016;103:A6-A7.
668. Surani S, Ratnani I, Ocegueda-Pacheco C, Varon J: Severe abdominal pain in a Jehova's witness patient. *Crit Care Shock* 2016;19: 21-23.
669. Leon M, Varon J, Surani S: When a liver transplant recipient goes back to alcohol abuse: Should we be more selective? *W J Gastroenterol*. 2016;22(20):4789-4793.
670. Chavez LO, Leon M, Einav S, Varon J: Beyond muscle destruction: A systematic review of rhabdomyolysis for clinical practice. *Crit Care*. 2016;20(1):135.
671. Surani S, Varon J: The importance of case reports and case series in helping diagnose rare diseases. *Curr Respir Med Rev* 2016;12(2):1.
672. Surani SR, Varon J: Perioperative screening for obstructive sleep apnea and outcome; Where is the data? *Eur Respir J* 2016;48(1):21-22.
673. Surani SR, Mendez Y, Anjum H, Varon J: Pulmonary complications of hepatic diseases. *W J Gastroenterol*. 2016;22(26): 6008-6015.
674. Varon J: Nutritional requirements for patients undergoing therapeutic hypothermia. Proceedings of the 11<sup>th</sup> Symposium on Nutri Indonesia. Jakarta: Indonesia Nutrition Association. 2016:25-27.
675. Varon J: Cardiopulmonary resuscitation: As seen on TV. Proceedings of the 23<sup>rd</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta. 2016: 39-40.
676. Varon J: Therapeutic hypothermia for patients with ARDS. Proceedings of the 23<sup>rd</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine. Indonesian Foundation on Critical Care, Jakarta. 2016: 39-40.
677. Duarte F, Wentling J, Anjum H, Varon J, Surani S: Pneumoperitoneum: Is surgical intervention always necessary? *Case Rep Crit Care*. 2016: 2016; 4146080.

678. Bustamante S, Garcia I, Gomez R, Gutierrez O, Moya S, Orlob S, Einav S, Varon J: Resuscitation education in television medical dramas: The TVMD study. *Resuscitation. (Abstracts)* 2016; 106S:e47.
679. Surani S, Varon J: The importance of case reports and case series in helping diagnose rare diseases. *Curr Respir Med Rev* 2016; 12(2):120.
680. Einav S, Varon J: Cardiomyopathy of pregnancy. *Curr Women Health Rev* 2016;12:3-13.
681. Mendez Y, Rustom F, Valenzuela B, Einav S, Varon J: Uso de religion durante el cuidado de pacientes criticos: Analisis del estudio ETHICS. *Rev Assoc Mex Med Crit Ter Int* 2016;30(4): 272.
682. Surani S, Varon J: The expanded use of targeted temperature management: Time for reappraisal. *Resuscitation.* 2016;108:A8-A9.
683. Corlateanu A, Varon J: COPD: More than a moving target! *Curr Respir Med Rev* 2016;12(3):185.
684. Covantev S, Corlateanu A, Botnaru V, Varon J: Exercise-induced pulmonary edema in athletes. *Curr Respir Med Rev* 2016;12(3):225-231.
685. Garcia I, Varon J, Surani S: Airway complications from an esophageal foreign body. *Case Rep Pulm.* 2016; 2016: 3403952.
686. Torres K, Varon, Einav S, Bromiker R, Friedman S: Religion and life support withdrawal in children: What do healthcare providers wish? *Curr Pediat Res.* 2016; 20(1&2):176-182.
687. Fernandez-Hernandez S, Ocegueda-Pacheco C, Varon J: An update on the management of status epilepticus in adults. *Med Crit* 2016;30(5):334-341.
688. Ratnani I, Bokhari F, Hirani R, Varon J, Surani S: Peripherally-inserted central catheters: Watch for retained wires! *Crit Care Shock* 2016;19:66-67.
689. Surani S, Varon D, Varon J: Obstructive sleep apnea (OSA) in the elderly: Does OSA decrease mortality in these patients when they have pneumonia?. *Curr Respir Med Rev* 2016;12(4):1-2.
690. Avalos M, Surani S, Varon J: Pleural metastatic melanoma: A case report and literature review. *Curr Respir Med Rev.* 2016;12:241-245.
691. Surani S, Varon J: Health care waste prevention: Are guidelines the solution or the problem? *Am J Emerg Med.* 2016;34:1661-1662.
692. Bustamante-Mata S, Khan AA, Varon J, Surani S: Ureteral stents, sepsis and acute kidney injury: Iatrogenic imperfecta!. *Crit Care Shock* 2017;20:1-2.
693. Urquieta E, Anjum H, Zanoria S, Varon J, Surani S: mediastinal lipoma with vascular compression. *Crit Care Shock* 2017;20:3.
694. Mendez Y, Surani S, Varon J: Diabetic ketoacidosis: treatment in the intensive care unit or general medical/surgical ward?". *World J Diabetes.* 2017;8(2):40-44.
695. Silva-Perez LJ, Benitez-Lopez MA, Varon J, Surani S: Management of critically ill patients with diabetes. *World J Diabetes.* 2017;8(3):89-96.
696. Varon J: Postoperative nausea and vomiting: A practical guide. *Crit Care Med.* 2017;45(5):e539-e540.
697. Arnaud D, Varon J, Surani S: An unusual presentation of congenital lobar emphysema. *Case Rep Pulm.* 2017; 2017:6719617.
698. Urquieta EF, Varon J: Air medical transportation of the trauma patient in cardiac arrest. *Aerosp Med Hum Perf* 2017;88(3):309.

699. Mendez Y, Garcia I, Einav S, Surani S, Varon J, ETHICS Study Investigators: Race as a factor of providing care. *Respiration* 2017; 94 (1):54 (P201).
700. Arnaud D, Almaguer A, Mendez Y, Garcia I, Einav S, Varon J, ETHICS Study Investigators: Does religion affect the care given by providers of sexual offender patients? *Respiration* 2017; 94 (1):54 (P202).
701. Riley RM, Varon J: When and how to freeze: It is all about SPAME! *Resuscitation*. 2017; 116: A1-A2.
702. Riley RM, Varon J: Premenstrual syndrome and dyspnea: Where is the data? *Curr Respir Med Rev* 2017;13(1):1.
703. Varon J: How to write a manuscript: Printed or electronic journal? *Proceedings of the 12<sup>th</sup> Symposium of Nutri Indonesia in Conjunction with 4<sup>th</sup> International Nutrition Symposium*. Jakarta. 2017:15-16.
704. Varon J: The management of the morbidly obese critically ill patient. *Proceedings of the 12<sup>th</sup> Symposium of Nutri Indonesia in Conjunction with 4<sup>th</sup> International Nutrition Symposium*. Jakarta. 2017:18-20.
705. Varon J: Ethical issues in critical care and withdrawing and withholding therapy in the United States of America. *Proceedings of the 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017*. Indonesia Critical Care Society. Jakarta; 2017:58-60.
706. Varon J: Nutritional requirements for patients undergoing therapeutic hypothermia. *Proceedings of the 24<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2017*. Indonesia Critical Care Society. Jakarta; 2017:261-262.
707. Espina I, Varon J, Lin P: Thrombolytic therapy of acute massive pulmonary embolism using Swan-Ganz pulmonary artery catheter. *Ann Vasc Surg* 2017;315:e9-12.
708. Leon M, Chavez LO, Einav S, Varon J: Hospital workers confidence and reciprocity for end-of-life decisions in their family: A multi-center study. *Ind J Pall Supp Care*. 2017; 23(4):363-367.
709. Avila A, Romero C, Varon J: Comparison of forgotten surgical techniques for pulmonary tuberculosis. *Curr Respir Med Rev* 2017;13(2):1.
710. Riley RM, Varon J: Neurological outcome after cardiac arrest managed with targeted temperature management: Are hemodynamic variables useful? *Resuscitation*. 2017;120: A11-A12.
711. Garcia I, Arnaud D, Mendez Y, Varon J: Thoracic lung herniation secondary to pleural effusion: A case report. *Chest* 2017; 152(4 Suppl): A728.
712. Almaguer A, Garcia I, Mendez I, Surani S, Marik P, Einav S, Varon J: Are we prepared to give bad news? An international survey analysis. *Chest* 2017; 152(4 Suppl): A728.
713. Garcia I, Mendez Y, Surani S, Marik P, Varon J: Religion as a factor when treating homosexual patients: Results of a large international multicenter study. *Chest* 2017; 152 (4 Suppl): A836.
714. Urquieta E, Varon J, Lin PH: Reversal of spinal cord ischemia following endovascular thoracic aneurysm repair with hyperbaric oxygen and therapeutic hypothermia. *Vasc Endovasc Surg* 2017; 51(7):517-520.
715. Arnaud D, Surani Z, Varon J, Surani S: Acute fibrinous and organizing pneumonia: A case report and literature review. *Am J Case Rep*. 2017;18:1242-1246.
716. Surani Z, Hirani R, Elias A, Quisenberry L, Varon J, Surani S, Surani S: Social media usage among health care providers. *BCM Res Notes* 2017;10:654.

717. Castillo Silva AK, Varon J, Nowzardan Y: The malignant obesity hypoventilation syndrome (MOHS): An unrecognized critical care syndrome? *Curr Respir Med Rev* 2017;13 (3):1-2.
718. Avila A, Varon DS, Varon J: The diagnosis and management of asthma: Are we moving in the right direction? *Curr Respir Med Rev* 2017;13(4):1-2.
719. Chavez LO, Einav S, Varon J: When terminal illness is worse than death: A multi-center study of healthcare providers' resuscitation desires. *Am J Hosp Palliat Care*. 2017; 34(9):820-824.
720. Polderman KH, Varon J: Confusion around therapeutic temperature management hypothermia after in-hospital cardiac arrest? *Circulation* 2018;137:219-221.
721. Alshami A, Luna J, Varon J: Propofol-induced macroglossia: A case report. *Crit Care Shock* 2018;21:70-72.
722. Romero C, Varon DS, Surani S, Varon J: Thoracic herniation secondary to pleural effusion. *Respir Med Case Rep* 2018;23:96-97.
723. Riley RM, Varon DS, Varon J: The journal: Print or electronic? *World Nutr J* 2018;1(2):i-ii.
724. Surani SR, Garcia W, Surani S, Varon J: Obstructive sleep apnea and psychiatry disorders. *Ment Health Fam Med* 2018; 13:665-669.
725. Varon DS, Varon J: Another failure in predicting sepsis outcomes in the emergency department. *Am J Emerg Med*. 2018;36:387-388.
726. Alshami A, Avila A, Romero C, Villarreal R, Einav S, Surani S, Varon J: Can belief enhance relief? A multicenter study. *Circulation Cardiovasc Qual Out* 2018; 11:A252.
727. Alshami A, Romero C, Avila A, Einav S, Surani S, Varon J: The importance of spiritual authorities in critical care field: An international survey analysis. *Circulation Cardiovasc Qual Out* 2018; 11:A253.
728. Yameen M, Angulo A, Bello A, Arce A, Varon DS, Varon J: Conventional and alternative treatment options for allergic rhinitis. *Curr Respir Med Rev* 2018;14:29-34.
729. Castaneda A, Jauregui-Maldonado E, Ratnani I, Varon J, Surani S: The correlation between metabolic syndrome and sleep apnea. *World J Diabetes* 2018;9(4):66-71.
730. Marik PE, Varon J: Critical care for the respiratory specialist: Sepsis, delirium and longterm cognitive dysfunction: Prevention with the combination of Vitamin C, hydrocortisone and thiamine. *Curr Respir Med Rev* 2018;14:1-6.
731. Varon J: Hyponatremia in marathon runners; The Varon-Ayus syndrome. Proceedings of the 13<sup>th</sup> Symposium of Nutri Indonesia in Conjunction with 5<sup>th</sup> International Nutrition Symposium. Indonesian Nutrition Association. Jakarta. 2018:50-53.
732. Varon J: The use of vitamin C in sepsis. Proceedings of the 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Indonesia Critical Care Society. Jakarta; 2018:51-53.
733. Varon J: Acute severe hypertension in neurological patients. Proceedings of the 25<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2018. Indonesia Critical Care Society. Jakarta; 2018:85-86.
734. Alshami A, Romero C, Avila A, Varon J: Management of acute hypertension in cerebrovascular accidents. *Ann Hypert*. 2018;1(1):1002.
735. Einav S, Kaufman N, Varon J: Barriers to effective in-hospital resuscitation: Lessons learned during implementation of a hospital-wide code system. *Crit Care Shock*. 2018;21:128-139.



736. Bello A, Varon AT, Varon J: Acupuncture and asthma: Ancient technique that survives advances in medicine. *Curr Respir Med Rev* 2018;14(1):3-4.
737. Varon DS, Varon J: Molecular diagnosis and outcome in patients with sepsis; Are emergency clinicians ready for it? *Am J Emerg Med* 2018;36:1664-1665.
738. Bello A, Castaneda A, Vakil A, Varon J, Surani S: Capnocytophaga induced acute necrotizing and exudative pericarditis with abscess formation. *Case Rep Infect Dis* 2018; 6437928:1-3.
739. Alshami A, Romero C, Avila A, Varon J: Management of hypertensive crises in the elderly. *J Geriatr Cardiol.* 2018;15: 514-522.
740. Alshami A, Romero C, Varon J: Vitamin C in respiratory diseases. *Curr Respir Med Rev* 2018;14(2):62-63.
741. Urquieta E, Varon J, Surani S: Energy expenditure during targeted temperature management. *Chest* 2018;154(4): 300A
742. Middagh K, Surani S, Gamboa E, Bernal H, Anjum H, Ratnani I, Varon J, Aiyer A: Is respiratory therapist driven protocol in weaning patients from mechanical ventilation among LTAC patients is a good idea? *Chest* 2018;154(4):1057A.
743. Subramanian S, Aiyer A, Surani S, Surani Z, Suleman A, Varon J: Prevalence of adult ADD in patients with obstructive sleep apnea. *Chest* 2018;154(4):1076A.
744. Subramanian S, Aiyer A, Surani S, Suleman A, Varon J, Surani Z: Influence of gender on respiratory arousal threshold in patients with sleep apnea. *Chest* 2018;154(4):1077A-1078A.
745. Subramanian S, Surani S, Varon J, Surani Z: When open gets closed: Phenotypic characteristics of sleep apnea patients with normal upper airway size. *Chest* 2018;154(4):1079A-1080A.
746. Ramirez L, Castaneda A, Varon DS, Einav S, Surani SR, Varon J: Cardiopulmonary resuscitation on television: The TVMD study. *Am J Emerg Med.* 2018;36:2124-2126.
747. Jauregui-Maldonado E, Varon J, Surani S: Vitamin C: A possible role in hemorrhagic shock? *Acta Scient Med Sci* 2018;2(9):1-3.
748. Marik PE, Varon J: The optimal ICU organizational structure. *Crit Care Shock.* 2018;21:148-150.
749. Casillas S, Pomerantz A, Surani S, Varon J: The role of vitamin C in diabetic ketoacidosis: Is it ready for prime time? *World J Diabetes.* 2018;9(12):206-208.
750. Alshami A, Varon J: Nanotechnology use in respiratory medicine. *Curr Respir Med Rev.* 2018; 14(3):2-3.
751. Alshami A, Varon J: How long should we wait for patients to wake up when they undergo targeted temperature management? *Resuscitation* 2018;126:A1-A2.
752. Alshami A, Varon DS, Varon J: Calpain inhibitors: Promising agents in respiratory medicine. *Curr Respir Med Rev.* 2018; 14(4):2-3.
753. Kalani C, Garcia I, Ocegueda-Pacheco C, Varon J, Surani S: The innovations in pulmonary hypertension pathophysiology and treatment: what are our options?. *Curr Respir Med Rev.* 2018;14:189-203.
754. Doheny C, Gonzalez L, Duchman SM, Varon J, Bechara CF, Cheung M, Lin PH: Echocardiographic assessment with right ventricular function improvement following ultrasound-directed thrombolytic therapy in submassive pulmonary embolism. *Vascular.* 2018;26(3):262-270.

755. Gurganus MM, Marik PE, Varon J: The successful treatment of severe aspiration pneumonitis with the combination of hydrocortisone, ascorbic acid and thiamine. *Crit Care Shock* 2019;22:57-61.
756. Alshami A, Barona SV, Varon J, Surani S: Gastrointestinal stress ulcer prophylaxis in the ICU, Where is the data? *World J Meta-Anal.* 2019;7(3):72-76.
757. Ramirez L, Diaz L, Alshami A, Einav S, Varon J: Who can perform better CPR? Cardiopulmonary resuscitation on television medical dramas: results of the TVMD2 study. *Chest* 2019;155(4, Suppl):157A.
758. Ramirez L, Alshami A, Einav S, Varon J: Gender differences in cardiopulmonary resuscitation on television medical dramas: Results of the TVMD2 study. *Chest* 2019;155(4, Suppl):158A.
759. Luna J, Alshami A, Avila A, Varon D, Surani S, Varon J: Do Asian physicians manage hypertensive crisis properly? An international survey analysis study. *Chest* 2019;155(4, Suppl):165A.
760. Aiyer I, Surani S, Ratnani I, Ramos Ramirez MDJ, Udeani G, Varon J, Khan A: Prevalence of use of LAMA LABA regimen use for management of COPD in real World primary care setting. *Chest* 2019;155(4, Suppl):218A.
761. Surani S, Middagh K, Reddy S, Ratnani I, Bernal H, Anjum H, Buch M, Suleman A, Varon J: Does respiratory disease certification in LTAC improve the weaning from mechanical ventilator? *Chest* 2019;155(4, Suppl):296A.
762. Varon J: Awareness during resuscitation: Where is the data? *Am J Emerg Med.* 2019;37:952-953.
763. Alazzawi M, Alshami A, Varon J: The use of statins in respiratory diseases. *Curr Respir Med Rev* 2019;15 (1):1-2.
764. Castaneda A, Galindo A, Bulathsinghala, Varon J, Surani S: Does all acute hiatal hernia needs surgical management? Role of nasogastric decompression in hiatal hernia. *Acta Scientific Med Sci* 2019;3(5):3.5
765. Castaneda A, Camarillo A, Varon J, Herrero S: Cardiogenic shock management based by minimally invasive monitoring. *Insights Cardiol Open Acc* 2019;1:1-8.
766. Camarillo-Reyes L, Marquez-Cordova R, Surani S, Varon J: Hemothorax induced by severe cough: An unusual presentation. *SAGE Open Med Case Rep.* 2019;7:1-3.
767. Surani S, Auyer A, Eikermann S, Murphy T, Anand P, Varon J, Vanderheiden S, Khan A, Guzman A: Adoption and adherence to chronic obstructive pulmonary disease GOLD guidelines in a primary care setting. *Sage Open Med* 2019;7:1-4.
768. Marik PE, Patel MP, Varon J: Corticosteroids and gastrointestinal bleeding in critical care; A systematic review and meta-analysis. *Crit Care Shock* 2019;22:177-188.
769. Alshami A, Luna J, Avila A, Surani S, Varon J: Do Asian physicians manage hypertensive crisis properly? A southeast Asia survey analysis. *Crit Care Shock* 2019;22:601-605.
770. Alshami A, Museedi AS, Surani SR, Varon J, Heyne K: Pazopanib-induced pneumonitis: A case report. *Am J Respir Crit Care Med.* 2019;199:A1501.
771. Casillas S, Varon J, Surani S: Sequential targeted temperature management: Case report and literature review. *Cureus* 2019;11(06):e5012.
772. Pekkarinen PT, Skrifvars MB, Varon J: Can we treat post cardiac arrest shock by removing cytokines from circulating high cut-off veno-venous hemodialysis? *Resuscitation.* 2019;140:203-204.

773. Bailey J, Awudi E, Kalani C, Udeani G, Varon J, Surani S: Accuracy of calculated creatinine clearance among amputees: Case report and literature review. *Crit Care Shock* 2019;22:214-221.
774. Varon J: The use of vitamin C in sepsis. Proceedings of the 14<sup>th</sup> Symposium of Nutri Indonesia in Conjunction with 6<sup>th</sup> International Nutrition Symposium. Indonesian Nutrition Association. Jakarta. 2019:32-33.
775. Varon J: Noble gases after cardiac arrest. Proceedings of the 26<sup>th</sup> Asia Pacific Symposium on Critical Care and Emergency Medicine 2019. Indonesia Critical Care Society. Jakarta; 2019:57-59.
776. Casillas S, Jauregui S, Surani S, Varon J: Blood glucose control in the intensive care unit: Where is the data? *World J Meta-Anal* 2019;7(8):399-405.
777. Ramirez L, Alshami A, Varon D, Einav S, Varon J: Cardiopulmonary resuscitation on television medical dramas: Results of the TVMD2 study. *Resuscitation* 2019;142 (S1):e114.
778. Marik PE, Varon J: Predatory journals: beware on who you trust!. *Curr Respir Med Rev* 2019;15(2):2.
779. Varon J, Boston J: When you know too much for your own good: The Boston-Varon Syndrome. *Crit Care Shock* 2019;22: 281-284.
780. Bello A, Diaz L, Taylor T, Varon J, Surani S: Hypertrophic cardiomyopathy and Brockenbrough-Braunwald-Morrow phenomenon: A case report. *Cureus*. 2019;11(10):e5826.
781. Corlateanu A, Covantev S, Caraivanova, Bodrug V, Botnaru V, Varon J, Siafakas N: Alpha-1 antitrypsin deficiency and chronic obstructive pulmonary disease: Between overlaps, phenotypes and illnesses. *Curr Respir Med Rev* 2019;15(2):1-10.
782. Surani S, Varon J: Is it time to replace direct laryngoscopy with video laryngoscopy in airway management training facilities?. *Open Respir Med J*. 2019;13:48-50.
783. Casillas S, Galindo A, Camarillo-Reyes LA, Varon J, Surani SR: Effectiveness of hyperbaric oxygenation versus normobaric oxygenation therapy in carbon monoxide poisoning: A systematic review. *Cureus* 2019; 11:e5916.
784. Bello A, Salazar E, Heyne K, Varon J: Aortic valve replacement in severe Factor V deficiency and inhibitor: Diagnostic and management challenges. *Cureus* 2019;11(10): e5918.
785. Varon J, Alshami A, Ramirez L, Varon D, Einav S: Outcomes of cardiac arrest between reality and television medical dramas: Results of the TVMD2 study. *Chest* 2019;156 (4 Suppl): A972.
786. Hesselbacher S, Aiyer AA, Surani SR, Surani ZS, Suleman AA, Varon J: A study to assess the association of attention deficit hyperactivity disorder and obstructive sleep apnea in adults. *Cureus*. 2019;11(10):e5979.
787. Rivera G, Surani S, Varon J: Sigmoid volvulus; An image telling the story. *Crit Care Shock*. 2019;22:285-287.
788. Alshami A, Alsadiq A, Varon J: Computed tomographic angiography in pulmonary embolism: Diagnostic or screening tool? *Curr Respir Med Rev* 2019;15(3):1-2.
789. Duran M, Araiza A, Surani SR, Vakil A, Varon J: Pulmonary infection cause by *Mycobacterium terrae*: A case report and literature review. *Cureus* 2019;11(11);e6228.
790. Varon DS, Varon J: On being a good pulmonary practitioner. *Curr Respir Med Rev* 2019;15(4):1-2.

791. Ozer J, Alon G, Leykin D, Varon J, Aharonson-Daniel L, Einav S: Culture and personal influences on cardiopulmonary resuscitation results of international survey. *BMC Medical Ethics* 2019;20:102.
792. Polderman KH, Varon J: Targeted temperature management after cardiac arrest: and the optimal target is...? *Resuscitation*. 2020;146:263-265.
793. Avendaño-Garnica RDJ, Herrero S, Varon J: Internal jugular vein thrombosis and central venous catheter. *Crit Care Shock* 2020;23:1-3.
794. Alshami A, Douedi S, Varon J: Coronavirus in the arena: One more time. *Curr Respir Med Rev* 2020;16(1):1-2.
795. Marik PE, Varon J, Surani SR: Hydrocortisone, ascorbic acid and thiamine for sepsis: Is the jury out? *World J Diab* 2020;11(4):90-94.
796. Gutierrez E, Montelongo D, Gamboa E, Varon J, Surani S: Chronic abdominal pain: A case of giant fecalith in the distal jejunum. *Cureus* 2020; 12(3):e7468.
797. Ramirez LM, Casillas S, Berjaoui, Varon J, Surani S: Superior mesenteric artery dissection after lumbar puncture. *Cureus* 2020;12(4):e7507.
798. Chukwudum CA, Vera S, Sharma M, Varon J, Surani S: Heyde syndrome: A case report and literature review. *Cureus* 2020; 12(4):e7896.
799. Fischer K, Awudi E, Varon J, Surani S: Role of tranexamic acid in the clinical setting. *Cureus* 2020;12(5):e8221.
800. Varon J: On becoming a COVIDologist: An intensivist tale. *Crit Care Shock* 2020;23:118-119.
801. Marik PE, Kory P, Varon J: Does vitamin D status impact mortality from SARS-CoV-2 infection? *Med Drug Discov* 2020;6:100041.
802. Gamboa E, Duran m, Araiza A, Varon D, Mohiuddin M, Gathe JC Jr, Varon J: The use of COVID-19 IgM rapid test in the setting of negative RT-PCR to diagnose infections by SARS-CoV-2: A challenging case. *Crit Care Shock* 2020;23:148-153.
803. Gamboa E, Montelongo D, Berjaoui, Varon DS, Gathe JC Jr, Varon J: COVID-19induced hepatic encephalopathy: A case report. *Crit Care Shock* 2020;23:154-157.
804. Kashyap R, Vashistha K, Saini C, Dutt T, Raman D, Bansal V, Singh H, Bhandari G, Ramakrishnan N, Seth H, Sharma D, Seshadri P, Daga MK, Gurjar M, Javeri Ym Surani S, Varon J, for ININ-2018 Investigators Team: Critical care practice in India: Results of the ICU need assessment survey ININ2018. *World J Crit Care*. 2020;9(2):31-42.
805. Alshami A, Museedi AS, Varon J: Point of care ultrasound in Coronavirus 2019: Helpful or not? *Curr Respir Med Rev* 2020;16(2):1-2.
806. Sharma M, Chandna M, Nguyen T, Vakil A, Franco R, Ratnani I, Varon J, Surani S: When a dead patient is not really dead: Lazarus phenomenon. *Case Rep Crit Care* 2020: 8841983.
807. Marik PE, Varon J, Kory P: Treatment of COVID-19 is critically phase specific. *Crit Care Shock* 2020;23:10-12.
808. Dushianthan S, Gamboa E, Varon J: Acute necrotizing encephalopathy secondary to COVID19. *Crit Care Shock* 2020;23:200-201.
809. Gamboa E, Gathe JC, Varon J: Giant extrathoracic hematoma in a COVID-19 patient. *Crit Care Shock* 2020;23:300-301.
810. Aiyer A, Surani S, Varon J, Ali M, Sunesara S: COVID-19 anxiety and stress survey (CASS) in healthcare workers due to coronavirus disease 2019. *Chest* 2020;158(4 Suppl): 313A.

811. Sharma M, Chandna M, Nguyen T, Franco R, Vakil A, Varon J, Surani S: Lazarus phenomenon: When a dead patient is not really dead. *Chest* 2020;158(4 Suppl):749A.
812. Demenegi V, Gutierrez E, Varon D, Surani S, Varon J: Socioeconomic disparities as determinant risk factor in the incidence of COVID-19. *Chest* 2020;158(4 Suppl): 1039A.
813. Aiyer I, Surani S, Varon J, Varon D, Sharma S: Prevalence of sleep and mental health disorder in patients hospitalized with COPD exacerbation. *Chest* 2020;158(4 Suppl):1739 A.
814. Kory P, Meduri GU, Iglesias J, Varon J, Marik PE: Clinical and scientific rationale for the “MATH+” hospital treatment protocol for COVID-19. *J Inen Care Med* 2020; In press.
815. Marik PE, Korry P, Varon J, Iglesias J, Meduri GU: MATH+ protocol for the treatment of SARS-CoV-2 infection: The schientific rationale. *Expert Rev Anti Infec Ther*, 2020: In press.
816. Varon A, Varon DS, Varon J: Traditional Chinese Medicine and COVID-19: Should emergency practitioners use it? *Am J Emerg Med*. 2020: In press.
817. Varon J: Hypertensive emergencies. *First Consult*. 2020: In press.
818. Ramirez L, Diaz J, Varon DS, Einav S, Surani S, Varon J: Cardiopulmonary resuscitation in television medical dramas: Results of the TVMD2 study. *Am J Emerg Med*. 2020: In press.
819. Urquieta E, Bello A, Varon DS, Varon J: Aeromedical helicopter transport of prisoners: The Mexico City experience. *Am J Emerg Med*. 2020; In press.
820. Cervera G, Varon DS, Varon J: Pneumoperitoneum following cardiopulmonary resuscitation in a COVID19 patient. *Crit Care Shock* 2020; In press.
821. Alshami A, Einav S, Skrifvars MB, Varon J: Administration of inhaled noble and other gases after cardiopulmonary resuscitation: A systematic review. *Am J Emerg Med* 2020: In press.
822. Pollack C, Varon J, Garrison N, Ebrahimi E, Dunbar L, Peacock W: Clevidipine, a novel intravenous third generation calcium channel antagonist for the treatment of acute severe hypertension. Submitted for publication to *Eur Heart J*.
823. Araiza A, Duran M, Varon J: Non-invasive core temperature measurements in the emergency department. Where is the data? Submitted for publication to *Am J Emerg Med*.
824. Pollack C, Varon J, Ebrahimi R, Peacock WF on behalf of the VELOCITY investigators: Clevidipine for acute hypertension in African Americans. Submitted for publication to *J Am Coll Cardiol*.
825. Aronson S, Avery EG, Dyke C, Varon J, Levy JH: Blood pressure lability during cardiac surgery is associated with adverse outcomes. Submitted for publication to *Anesthesiology*.
826. Peacock F, Alpesh A, Granger C, Wyman A, Gore J, Pollack C, Kleinschmidt K, Varon J: Hypertension emergencies presenting as acute heart failure. The Studying the Treatment of Acute hyperTension Registry. Submitted for publication to *Acad Emerg Med*.
827. Peacock FW, Varon J, Ebrahimi R, Dunbar L, Pollack CV: Clevidipine for severe hypertension in patients with renal dysfunction: A VELOCITY trial analysis. Submitted for publication to *J Clin Hyper*.
828. Herrero S, Varon J, Cajavilca C, Braña A, Suárez Fernandez S: Delirium in critically ill patients: Prediction of the methodology for the evaluation of the confusional state in an intensive care unit (CAM-ICU) in Spain. Submitted for publication to *Am J Psych*.
829. Szczech LA, Granger CB, Dasta JF, Alpesh A, Peacock WF, McCullough PA, Devlin JW, Weir MR, Katz JN, Naderson FA, Wyman A, Varon J, for the STAT Investigators: Acute kidney injury and cardiovascular outcomes in acute severe hypertension. Submitted for publication to *Circulation*.

830. Polderman K, Bajus D, Varon J: Clevidipine is safe and effective for rapid blood pressure control in patients with acute neurological injuries. Submitted for publication. (Abstract) Intensive Care Med.
831. Urquieta E, Varon J: Cardiopulmonary resuscitation during air medical transport of trauma patients. Submitted for publication to Am J Emerg Med.
832. Polderman KH, Ares W, Durkin J, Varon J, Jankowitz BT: The use of tolvaptan to treat hyponatremia in patients with acute neurological injuries. Submitted for publication to Crit Care Med.
833. Mussedi A, Alshami A, Ajam F, Varon J: Predictors of in-hospital mortality among patients with acute decompensated heart failure (HfrEF vs HfpEF): A retrospective analysis of National inpatient sample. Submitted for publication to J Card Fail

## Books

1. Oviedo J, Hernandez J, Varon J: Manual for preparation of clinical sessions. (Manual para la preparación de sesiones clínicas) Document of the Ministry of Health. Mexico City, Mexico, 1986, 160 pp.
2. Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994, 424 pp. ISBN 0-8016-8106-5.  
**(This book was rated among the top three medical bestsellers in the United States in 1996)**
3. Varon J (Ed.): Cuidados Intensivos. Madrid: Mosby/Doyma Libros, 1995, 503 pp. ISBN 84-8174-117-5.
4. Varon J, Fromm RE: The ICU Handbook of Facts, Formulas, and Laboratory Values. St. Louis: Mosby-YearBook, Inc., 1997, 160 pp., ISBN 0-8151-8978-8.
5. Farmer C, Porembka DT, Fromm RE, Varon J, et al.(Eds.): Critical Care Self Assessment Program. CCSAP 1998, Adult Program. Dubuque:Kendall/Hunt Publishing Co, 1998 Volume 1 (38 pp), Volume 2 (84 pp). ISBN 0-7872-5753-2 and 0-7872-5754-0
6. Varon J, Walsh GL, Fromm RE: Near Misses in Pulmonary and Cardiothoracic Critical Care. Boston: Butterworth-Heinemann, 1999,120 pp. ISBN 0-7506-7117-3.
7. Varon J, Fromm RE: Handbook of Practical Critical Care Medicine. Springer-Verlag, Inc. 2002, 534 pp. ISBN 0-387-95165-2.
8. Varon J, Acosta P: Handbook of Practical Critical and Intensive Care Medicine. 2<sup>nd</sup> Edition. Springer; New York. 2010, 424 pp. ISBN 978-0-387-92850-0
9. Varon J, Fromm RE: Acute and Critical Care Formulas and Laboratory Values, Springer, New York, 2013: 195pp. ISBN 978-1-5614-7509-5
10. Varon J: Handbook of Practical Critical and Intensive Care Medicine. 3<sup>rd</sup> Edition. Springer; New York. 2016: 470 pp. ISBN 978-3-319-31603-1.
11. Ratnani I, Surani S, Varon J: Board Review Questions in Critical Care. 1<sup>st</sup> Edition. It's Your Life Foundation, Inc; Corpus Christi. 2019: 657 pp. ASIN B07ZR7151P.
12. Surani S, Varon J (Eds.): Hospital Acquired Infection and Legionnaire's Disease. 1<sup>st</sup> Edition. Intertech Open; London. 2020: 65pp. ISBN 978-1-78985-969-0.

## Book Chapters

1. Varon J: Approach to the Intensive Care Unit. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:13-21.
2. Combs AH, Varon J: The Basics. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:22-63.
3. Fromm RE, Varon J: Cardiovascular Disorders in the ICU. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc. 1994:64-94.
4. Sternbach GL, Varon J: Environmental Disorders. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc. 1994:125-148.
5. Lechin AE, Varon J: Gastrointestinal Disorders in the ICU. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:149-160.
6. Fromm RE, Varon J: Neurologic Disorders. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc. 1994:202-215.
7. Varon J, Fromm RE: Special Techniques. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:321-339.
8. Sternbach GL, Varon J: Trauma. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:363-378.
9. Varon J: Other Emergencies. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:379-383.
10. Varon J: Useful Formulas, Laboratories Values & Pharmacologic Agents Commonly Used in the ICU. In: Varon J (Ed.): Practical Guide to the Care of the Critically Ill Patient. St. Louis: Mosby-YearBook, Inc., 1994:385-407.
11. Fromm RE, Varon J: Invasive and Non-Invasive Cardiac Output Determination. In: Levine RE, Fromm RE (Eds): Critical Care Monitoring: From Prehospital to the ICU. St. Louis: Mosby, Inc. 1995:159-168.
12. Supkis DE, Varon J: Uncommon Problems Related to Cancer. In: Benumof JL (Ed): Anesthesia and Uncommon Diseases. 4th Edition, W.B. Saunders: Orlando, 1997:545-560.
13. Varon J, Marik PE. Multi-Organ Dysfunction Syndrome. In: Irwin RS, Rippe JM, Cerra FB, (Eds): Intensive Care Medicine. 4th edition. Lippincott-Raven Publishers, Philadelphia, 1998:2044-2047.
14. Marik PE. Varon J. Sepsis. In: Irwin RS, Rippe JM, Cerra FB (Eds.): Intensive Care Medicine. 4th edition. Lippincott-Raven Publishers, Philadelphia, 1998:2031-2043.
15. Varon J: Cardiopulmonary resuscitation: Past, present and future. In: Raad J (ed.): 50 years, 50 topics. VI Congreso Panamericano e Ibérico de Medicina Crítica y Terapia Intensiva. Quito, Ecuador, 1999:300-309. ISBN-9978-40-912-2
16. Varon J: Status Epilepticus. In: Weil MH, Rackow EC, Manning PR (Eds.): Critical Care, Trauma and Emergency Medicine. University of Southern California Publishing 2000;504-507.
17. Varon J: Primary and Secondary Pulmonary Hypertension. In: Weil MH, Rackow EC, Manning PR (Eds.): Critical Care, Trauma and Emergency Medicine. University of Southern California Publishing 2000;610-614.
18. Varon J: Ethics and Practice: End of Life Care. In: Weil MH, Rackow EC, Manning PR (Eds.): Critical Care, Trauma and Emergency Medicine. University of Southern California Publishing 2000;659-663.

19. Varon J: Status Asthmaticus. In: Weil MH, Rackow EC, Manning PR (Eds.): Critical Care, Trauma and Emergency Medicine. University of Southern California Publishing 2000;704-714.
20. Marik PE, Varon J: Cardiopulmonary Resuscitation: Lessons from Past and Trends for the Future. In: Vincent JL (Ed): Yearbook of Intensive Care and Emergency Medicine. Springer-Verlag, 2000:649-657.
21. Varon J, Marik PE: Cardiopulmonary Resuscitation: Techniques, Pharmacotherapy and Controversies. In: Jerjes-Sanchez C (Ed.): Selected Topics in Cardiovascular Emergencies. Mexico City: BMS Publishers 2000:106-136.
22. Marik PE, Varon J: Sepsis. In: Irwin RS, Rippe JM. (Eds.): Manual of Intensive Care Medicine. 3th edition. Lippincott Williams & Wilkins Publishers, Philadelphia, 2000:759-761.
23. Varon J, Marik PE: Multi-organ Dysfunction Syndrome. In: Irwin RS, Rippe JM.(Eds.): Manual of Intensive Care Medicine. 3th edition. Lippincott Williams & Wilkins Publishers, Philadelphia, 2000:761-765.
24. Varon J, Fromm RE, Gomez R: Cardiopulmonary Resuscitation: Techniques, Pharmacotherapy and Controversies [Reanimación Cardiopulmonar: Técnicas, Farmacoterapia y Controversias]. In: Jerjes-Sanchez C (Ed.): Urgencias Cardiovasculares 2001. BMS Publishers: Mexico City, 2001:199-230.
25. Varon J, Marik P, Fromm RE: Hypertensive crises. In: Vincent JL (Ed): 2002 Yearbook of Intensive Care and Emergency Medicine. Springer: Berlin, 2002:863-876.
26. Marik P, Varon J: Sepsis. In: Irwin RS, Rippe JM.(Eds.): Manual de Cuidados Intensivos. Marbán, Spain, 2002:762-765.
27. Varon J, Marik P: Síndrome de Disfunción Multiorgánica. (Multiple system organ failure) In: Irwin RS, Rippe JM.(Eds.): Manual de Cuidados Intensivos. Marbán, Spain, 2002:759-761.
28. Marik PE, Varon J. Sepsis. In: Irwin RS, Rippe JM (Eds.): Intensive Care Medicine. 5th edition. Lippincott-Williams-Wilkins, Philadelphia, 2003: 1822-1832.
29. Varon J, Marik PE. Multi-Organ Dysfunction Syndrome. In: Irwin RS, Rippe JM (Eds): Intensive Care Medicine. 5th edition. Lippincott-Williams-Wilkins Publishers, Philadelphia, 2003:1834-1838.
30. Varon J, Marik PE: Carbon monoxide poisoning. An emergency and critical care medicine approach. In: Vincent JL (Ed): 2003 Yearbook of Intensive Care and Emergency Medicine. Springer-Verlag, 2003: 800-810.
31. Varon J, Bleck TP, Marik PE, Papadakos PJ. Vasoactive Therapy in Critically Ill Patients. New York, NY: McMahon Publishing; August 2004 (special report).
32. Varon J, Marik P. End-Tidal Carbon Dioxide Monitoring in Post-Operative Ventilator Weaning. In: Gravestien JS, Jaffe MB, Paulus DA (Eds): Capnography: Clinical Aspects. Cambridge University Press: Cambridge 2004:145-147.
33. Varon J: Treating Acute Hypertension: Beyond Blood Pressure Control. 1<sup>st</sup> Edition. Hampton, NH: Millennium CME Institute, December 2004:3-9.
34. Varon J, Marik P: The Critically Ill Obese Patient: A Management Challenge. In: Vincent JL (Ed): 2005 Yearbook of Intensive Care and Emergency Medicine. SpringerVerlag, 2005: 737-744.



35. Varon J, Bisbal Torres Z, Vargas Pecina B: Inhibidores de la Secreción Gastrica. (Gastric secretion inhibitors).In: Gutierrez Lizardi P, Carrillo Esper R, Gutierrez Jimenez P(Eds.): Guía Farmacológica en UCIA. Mc Graw-Hill, Mexico, 2007:319-332..
36. Varon J, Vargas Pecina B, Bisbal Torres Z: Fármacos esteroideos. (Steroids).In: Gutierrez Lizardi P, Carrillo Esper R, Gutierrez Jimenez P(Eds.): Guía Farmacológica en UCIA. Mc Graw-Hill, Mexico, 2007:369-379.
37. Herrero Fernandez S, Varon J, Garcias Fanjul RM, Perales Rodriguez de Viguri: Tratamiento farmacológico de las arritmias periparada. (Pharmacological treatments of periarrest arrhythmias. In: Perales Rodríguez de Viguri N, López Messa J, Ruano Marco M (Eds.): Manual de Soporte Vital Avanzado. 4a. Edicion. Barcelona: Elsevier Doyma, S.L. 2007:127-145.
38. Sternbach GL, Varon J, Fromm RE, Sicuro M, Baskett PJF: Galen and the origins of artificial ventilation, the arteries and the pulse. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:3-6.
39. Davis JE, Sternbach GL, Varon J, Fromm RE: Paracelsus and mechanical ventilation. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:7-9.
40. Vallejo-Manzur F, Perkins Y, Varon J, Baskett P: Andreas Vesalius, the Concept of an Artificial Airway. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:9-14.
41. Sternbach GL, Varon J: John Mayow and Oxygen. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:25-27.
42. Sternbach GL, Varon J, Fromm RE, Baskett PJF: The Resuscitation Greats: The Humane Societies. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:32-36.
43. Alzaga AG, Varon J, Baskett P: Charles Kite: The clinical epidemiology of sudden cardiac death and the origin of the first defibrillator. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:54-59.
44. Sternbach GL, Varon J: Claude Bernard: On the origins of carbon monoxide poisoning. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:67-70.
45. Sternbach GL, Varon J, Fromm RE: Charles Augustus Leale and the Resuscitation of Abraham Lincoln. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:117-119.
46. Vallejo-Manzur F, Varon J, Fromm RE, Baskett P: Moritz Schiff and the history of open-chest cardiac massage. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:128-130.
47. Alzaga AG, Salazar G, Varon J: Breaking the thermal barrier: Dr. Temple Fay. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:191-196.
48. Sternbach GL, Varon J, Fromm RE: Claude Beck and ventricular defibrillation. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:203-205.
49. Acosta P, Varon J, Sternbach GL, Baskett P: Kouwenhoven, Jude and Knickerbocker: The introduction of defibrillation and external chest compressions into modern resuscitation. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:262-266.

50. Varon J, Nyman U: Sven-Ivar Seldinger: The revolution of radiology and acute intravascular access. In: Baskett PJF, Baskett TF (Eds): Resuscitation Greats. First edition. Clinical Press, Bristol. 2007:267-271.
51. Marik PE. Varon J. The management of sepsis. In: Irwin RS, Rippe JM (Eds.): Intensive Care Medicine. 6th edition. Wolters Kluwer, Lippincott-Williams-Wilkins, Philadelphia, 2008:1855-1869.
52. Varon J, Marik PE: Multiple organ dysfunction syndrome. In: Irwin RS, Rippe JM (Eds.): Intensive Care Medicine. 6th edition. Wolters Kluwer, Lippincott-Williams-Wilkins, Philadelphia, 2008:1870-1873.
53. Varon J, Marik PE, Bisbal ZD: Restrictive diseases. In: Papadakos & Lachman: Mechanical Ventilation: Clinical Applications and Pathophysiology. First edition. Saunders-Elsevier, Philadelphia 2008:3-10.
54. Varon J, Acosta P: Non-cardiac arrest applications of therapeutic hypothermia in critical care. In: SCCM 13<sup>th</sup> Critical Care Refresher Course. SCCM Publications, Mount Prospect. 2009: 83-86.
55. Ruiz Esponda R, Varon J: Importancia del control glucemico en el paciente critico. (Importance of glycemic control in critically ill patients). In: Carrillo Esper R, Gutierrez Lizardi P (Eds.): Disfunción Endocrina en el Paciente Grave. Editorial Alfil, Mexico, 2009: 111-118.
56. Varon J, Herrero S: Appendices: Prefixes and conversions, body surface areas, fluids and electrolytes, acid base, formulas, pharmacology, dermatomes, organ injury scales, trauma scores, sedation scores and antibiotics. Critical Care Catalog. In: Gabrielli A, Layon JA, Yu M (Eds): Civetta, Taylor & Kirby's Critical Care. 4th Edition. Wolters Kluwer, Lippincott-Williams-Wilkins, Philadelphia, 2009: 2661-2705.
57. Varon J, Vargas B: Escalas de evaluacion.(Prognostic scoring systems) In: Gutierrez Lizardi P (Ed.): Protocolos y Procedimientos en le paciente critico. Manual Moderno: Mexico, 2010:71-78.
58. Varon J, Marik P: Postoperative ventilator weaning. In: Graveststein JS, Jaffe M, Graveststein N, Paulus DA (Eds.): Capnography. Second edition. Cambridge University Press, Cambridge. 2011: 145-147.
59. Varon J, Espina IM: Management of metabolic and endocrine complications of the critically ill obese patient. In: El Sohl AA (Ed): Critical care management of the obese patient. Oxford: Wiley-Blackwell. 2012: 102-107.
60. Lepe M, Varon J: Hypertensive urgencies and emergencies. In: McKean SC, Ross JJ, Dressler DD, Brotman DJ, Ginsberg JS (Eds.): Principles and practice of hospital medicine. New York, McGraw-Hill: 2012: 2109-2114.
61. Einav S, Grisar-Granovski S, Varon J: Maternal resuscitation and perimortem cesarean delivery. In: Ginosar Y, Hapern S, Reynolds F, Weiner CP (Eds.): Anesthesia and the fetus. Oxford: Wiley-Blackwell. 2013.
62. Varon J, Elliott WJ: Management of severe asymptomatic hypertension (hypertensive urgencies) in adults. UpToDate. 2014. [http://www.uptodate.com/contents/management-of-severe-asymptomatic-hypertension-hypertensive-urgencies-in-adults?source=search\\_result&search=hypertensive+urgency&selectedTitle=1~13](http://www.uptodate.com/contents/management-of-severe-asymptomatic-hypertension-hypertensive-urgencies-in-adults?source=search_result&search=hypertensive+urgency&selectedTitle=1~13)
63. Elliott WJ, Varon J: Dugs used for the treatment of hypertensive emergencies. UptoDate 2014. [http://www.uptodate.com/contents/drugs-used-for-the-treatment-of-hypertensive-emergencies?source=search\\_result&search=hypertensive+emergency&selectedTitle=1%7E150](http://www.uptodate.com/contents/drugs-used-for-the-treatment-of-hypertensive-emergencies?source=search_result&search=hypertensive+emergency&selectedTitle=1%7E150)

64. Elliott WJ, Varon J: Evaluation and treatment of hypertensive emergencies in adults. UptoDate 2014.  
[http://www.uptodate.com/contents/evaluation-and-treatment-of-hypertensive-emergencies-in-adults?source=search\\_result&search=hypertensive+emergency&selectedTitle=2%7E150](http://www.uptodate.com/contents/evaluation-and-treatment-of-hypertensive-emergencies-in-adults?source=search_result&search=hypertensive+emergency&selectedTitle=2%7E150)
65. Elliot WJ, Varon J: Moderate to severe hypertensive retinopathy and hypertensive encephalopathy in adults. UptoDate 2014.  
[http://www.uptodate.com/contents/moderate-to-severe-hypertensive-retinopathy-and-hypertensive-encephalopathy-in-adults?source=search\\_result&search=hypertensive+crisis&selectedTitle=9~150](http://www.uptodate.com/contents/moderate-to-severe-hypertensive-retinopathy-and-hypertensive-encephalopathy-in-adults?source=search_result&search=hypertensive+crisis&selectedTitle=9~150)
66. Ocegueda Pacheco C, Varon J: Hypertensive emergencies. In: Pastores SM (Ed): Adult Multiprofessional Critical Care Review. Society of Critical Care Medicine. Mount Prospect, IL. 2014: 365-370.
67. Varon J: Foreword. In: Ratnani I, Surani S (Eds): Critical Care Pearls. It's Your Life Foundation. Corpus Christi, TX. 2015: 14-15.
68. Varon J: Hypertensive urgencies and emergencies. In: McKean SC, Ross JJ, Dressler DD, Scheurer DB (Eds.): Principles and Practice of Hospital Medicine. 2<sup>nd</sup>. Edition. New York, McGraw-Hill: 2016: 641-646.
69. Varon J: Recalentamiento: Talon de Aquiles" del metodo? Guias para su correcta implementacion. In: Ugarte Ubierno S, Brunetto SL, Castillo Abrego G (Eds.) Hipotermia y termomodulacion en urgencias y paciente critico. 1<sup>st</sup> Edition. Bogota: Distribuna Editorial; 2017:77-81.
70. Alshami A, Varon J. Acid Phosphatase. [Updated 2020 Mar 16]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK556039/>
71. Araiza A, Varon J: Hypothermia therapy in sudden death. In: Zhu H (Ed): Sudden death: Progress of diagnosis and treatment. Springer Nature, Singapore. 2021:257-286.
72. Soto-Ruiz KM, Peacock WF, Varon J: Hypertensive crisis. In: Gutierrez JA (Ed): Arterial Hypertension. Elsevier. 2020: In press.
73. Soto-Ruiz, Varon J, Peacock WF: Acute heart failure: Risk stratification. In: Vincent JL, Hall J (Eds.) Encyclopedia of Intensive Care Medicine. Springer, Germany. 2020: In press.
74. Varon J, Herrero S: Appendices: Prefixes and conversions, body surface areas, fluids and electrolytes, acid base, formulas, pharmacology, dermatomes, organ injury scales, trauma scores, sedation scores and antibiotics. Critical Care Catalog. In: Gabrielli A, Layon JA, Yu M (Eds): Civetta, Taylor & Kirby's Critical Care. 5th Edition. Wolters Kluwer, Lippincott-Williams-Wilkins, Philadelphia, 2020: In press.
75. Ramirez L, Varon J: Microdialisis y nuevas tecnicas de monitorizacion cerebral. (Microdialisis and new cerebral monitoring techniques). In: Ugarte S (Ed): Emergencias Neurologicas y Cuidados Neurocriticos. Sociedad Chilena de Medicina Critica y Urgencias Red Intensivas. 2020: In press.
76. Varon J, Rojas A: Hipotermia y termomodulacion (Hypothermia and thermomodulation). In: Ugarte S (Ed): Emergencias Neurologicas y Cuidados Neurocriticos. Sociedad Chilena de Medicina Critica y Urgencias Red Intensivas. 2020: In press.
77. Cañedo E, Varon J: Hipotermia terapeutica (Therapeutic hypothermia). In: Gutierrez Lizardi P (Ed.): Protocolos y Procedimientos en el paciente critico. Manual Moderno: Mexico, 2020: In press.

78. Angulo A, Varon J: Escalas de evaluacion.(Prognostic scoring systems) In: Gutierrez Lizardi P (Ed.): Protocolos y Procedimientos en le paciente critico. Manual Moderno: Mexico, 2020: In press.
79. Bello A, Varon J; Circulación. In: Ramirez Gutierrez E (Ed): Equipos de Respuesta Rápida. Editorial Distribuna, Mexico. 2020: In press.
80. Bello A, Varon J: Vía Aérea. In: Ramirez Gutierrez E (Ed): Equipos de Respuesta Rápida. Editorial Distribuna, Mexico. 2020: In press.