

*CURRICULUM VITAE*

**Antonio E. Muñiz, M.D.**

**BUSINESS ADDRESS**

Medical College of Virginia of  
Virginia Commonwealth University  
Department of Emergency Medicine  
P.O. Box 980401  
401 N. 12th Street  
Richmond, VA 23298-0401  
(804) 828-8575

**DATE AND PLACE OF BIRTH**

June 9, 1964  
Madrid, Spain  
US Citizen

**LANGUAGES**

Spanish (fluent written and spoken)

**EDUCATION**

- 1982 - 1986 Tulane University, New Orleans, Louisiana, Bachelor of Science in Biological Chemistry with Honors.
- 1982 - 1983 New Orleans Regional Vocational School, New Orleans, Louisiana, Emergency Medical Technician-Ambulance, Intermediate, and Paramedic.
- 1986 - 1987 University of New Orleans, New Orleans, Louisiana, Graduate Courses in Chemistry.
- 1987 - 1991 Louisiana State University Medical School, New Orleans, Louisiana, Doctor of Medicine with Honors.

**TRAINING AND POSITIONS**

- 1991 - 1992 Internal Medicine, Internship, Charity Hospital and Louisiana State University Affiliated Hospitals, New Orleans, Louisiana.

- 1992 - 1995 Emergency Medicine, Residency, Charity Hospital and Louisiana State University Affiliated Hospitals, New Orleans, Louisiana.
- 1994 - 1995 Chief Resident, Emergency Medicine, Charity Hospital and Louisiana State University Affiliated Hospitals, New Orleans, Louisiana.
- 1995 Terrebone General Medical Center, Active Staff, Emergency Department, Houma, Louisiana.
- 1995 St. Charles General Hospital, Active Staff, Emergency Department, New Orleans, Louisiana.
- 1995 - 1997 Pediatric Emergency Medicine, Fellowship, St. Christopher's Hospital for Children, Philadelphia, Pennsylvania.
- 1995 - 1996 Instructor, Emergency Medicine, Medical College of Pennsylvania Hahnemann University, Philadelphia, Pennsylvania.
- 1995 - 1997 Mercy Catholic Medical Center, Active Staff, Emergency Department, Darby, Pennsylvania.
- 1996 - 1997 Assistant Professor of Emergency Medicine, Allegheny University of the Health Sciences, Medical College of Pennsylvania Hahnemann University School of Medicine.
- 1997 - Assistant Professor of Emergency Medicine and Pediatrics, Medical College of Virginia of Virginia Commonwealth University, Richmond, Virginia.

## **MEDICAL LICENSURES/CERTIFICATIONS**

Diplomat of the American Board of Emergency Medicine, 7/15/96, # 950469  
 Pediatric Emergency Medicine, 3/4/99, # 950469.  
 Virginia Board of Medicine, # 0101055805.  
 Pennsylvania State Board of Medicine, # MD-055620-L.  
 Louisiana State Board of Medical Examiners, # 21275.  
 Drug Enforcement Agency, # BM3827283.  
 Louisiana State Controlled Substances, # 21892-36-06.

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

American College of Emergency Physicians.  
 Louisiana Chapter: Board of Directors (1994-1995).  
 American Federation of Clinical Research.  
 American Heart Association:  
 Cardiopulmonary and Critical Care Council.  
 Louisiana, Pennsylvania, and Virginia Affiliates.  
 American Medical Association.  
 Emergency Medicine Residents Association.  
 Hispanic American Medical Society President, Louisiana State University School

of Medicine, 1990 and 1991.  
Hispanic American Medical Association of Louisiana (1987-1995).  
Louisiana State Medical Society (1991-1995).  
Medical Society of Virginia.  
Orleans Parish Medical Society (1991-1995).  
Pennsylvania Medical Society (1995-1997).  
Richmond Academy of Medicine.  
Richmond Pediatric Society.  
Society for Academic Emergency Medicine.

## **HONORS AND AWARDS**

Dean's List, Tulane University, New Orleans, Louisiana, 1982-1986.  
Alpha Epsilon Delta, 1982-1986.  
Honors Thesis, Tulane University, New Orleans, Louisiana, 1986.  
    Title: Regeneration of Amphibian Limbs and Optic Nerve.  
Honors Thesis, Louisiana State University School of Medicine, New Orleans, Louisiana, 1991.  
    Title: Effects of Sepsis and Alcohol on the Myocardium.  
Emergency Medicine Student Award, 1991.  
Physiology Nathan Cotlar Medical Student Award, 1991.  
Hispanic American Medical Society President Award, Louisiana State University Medical School, 1990 and 1991.  
The Clinical Research Trainee Investigator Award, Baltimore, Maryland, 1994.  
The Albert J. Lauro, M.D. Emergency Medicine Award, Louisiana State University Emergency Medicine, 1995.  
Joseph Zanga, M.D. Award for Pediatric Emergency Medicine, Medical College of Virginia of Virginia Commonwealth University, 1998.  
Scientific Poster Recognition Award, 92<sup>nd</sup> Annual Scientific Assembly, Southern Medical Association, 1998.  
Scientific Poster Recognition Award, 93<sup>rd</sup> Annual Scientific Assembly, Southern Medical Association, 1999.

## **COMMITTEES**

American Heart Association-Louisiana Affiliate:  
    State Emergency Care Committee (1988-1995).  
Emergency Medicine Services Disaster Committee-Charity Hospital (1994-1995).  
Emergency Department Nursing Triage Protocol Development Committee-Charity Hospital (1994-1995).  
Emergency Medicine Residency Development Task Force, Medical College of Virginia of Virginia Commonwealth University (1997-present).

Emergency Response Committee, Medical College of Virginia of Virginia Commonwealth University (1997-present).  
Fast Track Sub-Committee, Medical College of Virginia of Virginia Commonwealth University (1997-present).  
Medical Student Advisor, Medical College of Virginia of Virginia Commonwealth University (1999 - present).  
Search Committee, Department of Emergency Medicine (1998-present).  
Standards of Practice Committee, Department of Emergency Medicine (1999-present).  
Trauma Care Committee, Medical College of Virginia of Virginia Commonwealth University (1999 - present).

## **COMMUNITY SERVICES**

Chiquimula, Guatemala, 8/99, 1 week medical clinic for the indigent people.

## **EDITORIAL ACTIVITIES**

The American Journal of Emergency Medicine- Reviewer, 1997-present.  
Resuscitation- Reviewer, 1998-present.

## **PEDIATRIC INTERHOSPITAL TRANSPORT**

Medical Command, St. Christopher's Hospital for Children, 7/95-6/97.  
Medical Command, Medical College of Virginia of Virginia Commonwealth University, 7/97-present.

## **TEACHING EXPERIENCE AND CERTIFICATIONS**

American Heart Association-Louisiana Affiliate:  
Basic Life Support Instructor, since 6/84.  
Basic Life Support Instructor Trainer, since 10/88.  
Basic Life Support Affiliate Faculty, since 1/91.  
Basic Life Support Courses Taught to Date: 151.  
Basic Life Support Courses as Course Director: 59.

Advanced Cardiac Life Support Instructor, since 9/87.  
Advanced Cardiac Life Support Affiliate Faculty, since 11/92.  
Advanced Cardiac Life Support Courses Taught to Date: 86.  
Advanced Cardiac Life Support Courses as Course Director: 14.

Pediatric Advanced Life Support Instructor, since 11/88.  
Pediatric Advanced Life Support Affiliate Faculty, since 8/92.  
Pediatric Advanced Life Support Courses Taught to Date: 66.  
Pediatric Advanced Life Support Courses as Course Director: 48.

Neonatal Resuscitation Program Regional Trainer, since 1/95.  
Neonatal Resuscitation Program Courses Taught to Date: 6.

American College of Surgeons:

Advanced Trauma Life Support Provider, since 9/91.  
Advanced Trauma Life Support Instructor, since 11/92.  
Advanced Trauma Life Support Courses Taught to Date: 12.  
Advanced Trauma Life Support Instructor Courses Taught to Date: 2

Advanced Pediatric Life Support, 1/93.

Advanced Pediatric Life Support Courses Taught to Date: 1.  
Advanced Pediatric Life Support Instructor, 11/97.  
Advanced Pediatric Life Support Courses Taught to Date: 1.

Emergency Medical System Base Station Command & Medical Director Course,  
8/93.

Hazardous Materials Training, Awareness Level, 11/94.

Medical Command Physicians Course, Pennsylvania, 8/95.

Ultrasound Course, Focused Abdominal Sonography for Trauma (FAST),  
Richmond, Virginia, 2/99.

Emergency Medicine Resident Lectures, Louisiana State University, New  
Orleans, Louisiana, 7/92-6/94:

Thumper for CPR, 7/92.  
Pacemakers, 10/92.  
PALS and BLS Update, 11/92.  
Adrenal Emergencies, 3/93.  
ACLS Update, 3/93.  
Potassium Disorders, 4/93  
Pulmonary Trauma, 7/93.  
Pediatric Resuscitation, 3/94  
Testicular Disorders, 4/94.  
Pediatric Intravascular Access, 6/94.

Academic Chief Resident, Emergency Medicine Lectures, Louisiana State  
University, 7/94-6/95:

Thoracostomy tubes, 7/94.  
Cardiac Trauma and Thoracotomy Procedure, 8/94.  
Pediatric Trauma, 9/94.

Blood Transfusions, 10/94.  
Acute Myocardial Infarction and Thrombolytic Therapy, 11/94.  
BLS, PALS, and ACLS Updates, 12/94.  
Headaches, 12/94.  
Theophylline Overdose, 1/95.  
Phenytoin Overdose, 1/95.  
Oral Hypoglycemic Overdose, 1/95.  
Acetaminophen Overdose, 1/95.  
Neonatal Resuscitation, 3/95.  
Selected Pediatric Emergencies I, 5/95.  
Radiologic Review I, 5/95.  
Pediatric Intravascular Access, 6/95.  
Radiologic Review II, 6/95.  
Selected Pediatric Review II, 6/95.  
Pediatric Testicular Disorders, 6/95.  
Heavy Metal Poisonings, 6/95.

Medical Student Lectures, Medical College of Pennsylvania Hahnemann University School of Medicine, 1995:  
Pediatric Cases, 8/95, 12/95.  
Interviewing a Patient, 8/95, 9/95, 9/95.

Emergency Medicine Resident Lectures, Medical College of Pennsylvania Hahnemann University School of Medicine, 1995:  
Pediatric Radiology, 8/95, 12/95.

Pediatric Resident Lectures, St. Christopher's Hospital for Children, 1995:  
Wound Care, 8/95.  
Pediatric Dermatology, 9/95.  
Child abuse and Resuscitation, 11/95.

Medical Student Lectures, Medical College of Pennsylvania Hahnemann University School of Medicine, 1996:  
Pediatric Cases, 8/96, 9/96, 11/96.  
Interviewing a Patient, 8/96, 9/96.  
Pediatric Potpourri, 8/96.  
Pediatric Radiology, 9/96.

Emergency Medicine Resident Lectures, Medical College of Pennsylvania Hahnemann University School of Medicine, 1996:  
Pediatric Radiology, 9/96, 10/96, 11/96, 12/96.  
Pediatric Emergency Review I, II, and III, 10/96.

Pediatric Resident Lectures, St. Christopher's Hospital for Children, 1996:  
Pediatric Toxicology, 1/96.  
Pediatric Resuscitation, 1/96, 10/96, 11/96, 12/96.  
Wound Care, 7/96  
Salmonella Infections, 8/96.  
Constipation, 10/96.  
Pediatric Dermatology, 10/96.

Emergency Medicine Resident Lectures, Medical College of Pennsylvania  
Hahnemann University School of Medicine, 1997:  
Pediatric Radiology, 1/97, 2/97, 3/97, 4/97, 5/97.

Pediatric Resident Lectures, St. Christopher's Hospital for Children, 1997:  
Pediatric Septic Arthritis and Osteomyelitis, 3/97.  
Pediatric UTI, 4/97.  
Kawasaki, 6/97.  
Child Abuse and Resuscitation, 11/95.

Emergency Medicine and Pediatric Emergency Medicine Resident Lectures,  
Medical College of Virginia of Virginia Commonwealth University, 1997:  
Pediatric Dermatology, 7/97, 8/97, 9/97, 10/97, 11/97, 12/97.  
Pediatric Radiographs, 7/97, 8/97, 9/97, 10/97, 11/97, 12/97.  
Pediatric Gastrointestinal Emergencies, 8/97, 9/97, 10/97, 11/97, 12/97.  
Pediatric ENT Emergencies, 9/97, 10/97, 11/97, 12/97.  
Pediatric Orthopedic Emergencies, 9/97, 10/97, 11/97, 12/97.  
Pediatric Pulmonary Emergencies, 9/97, 10/97.  
Pediatric Ophthalmology Emergencies, 9/97, 10/97, 11/97, 12/97.  
Pediatric Resuscitation Management, 9/97, 10/97.  
Pediatric Burns, 11/97.  
Child Physical and Sexual Abuse, 11/97.  
Pediatric Cardiology Emergencies, 10/97.  
Pediatric Fever Management, 10/97, 11/97.  
Pediatric Emergency Review I, II, and III, 10/98

Internal Medicine Resident Lecture, Medical College of Virginia of Virginia  
Commonwealth University, 1997:  
Acute Abdomen, 11/97.

Medical Student Lectures, Medical College of Virginia of Virginia Commonwealth  
University, 1997:  
Pediatric Emergencies Review, 9/97, 10/97, 12/97.

Emergency Medicine and Pediatric Emergency Medicine Resident Lectures,  
Medical College of Virginia of Virginia Commonwealth University, 1998:

Pediatric Dermatology, 1/98, 2/98, 3/98, 4/98, 5/98, 6/98, 7/98, 8/98, 9/98,  
10/98, 11/98, 12/98.

Pediatric Radiographs, 1/98, 2/98, 3/98, 4/98, 5/98, 6/98, 7/98, 8/98, 9/98,  
10/98, 11/98, 12/98.

Pediatric Gastrointestinal Emergencies, 1/98, 2/98, 3/98, 4/98, 5/98, 6/98,  
7/98, 8/98, 9/98, 10/98, 12/98.

Pediatric ENT Emergencies, 1/98, 2/98, 3/98, 4/98, 5/98, 6/98, 7/98, 8/98,  
9/98, 10/98, 11/98, 12/98.

Pediatric Orthopedic Emergencies, 1/98, 2/98, 3/98, 4/98, 5/98, 6/98, 7/98,  
8/98, 9/98, 10/98, 11/98, 12/98.

Pediatric Ophthalmology Emergencies, 1/98, 3/98, 4/98, 5/98, 6/98, 7/98,  
8/98, 9/98, 10/98, 11/98.

Pediatric Resuscitation Management, 1/98, 2/98, 3/98, 4/98, 5/98.

Pediatric Cardiology, 5/98, 7/98, 8/98.

Pediatric Emergency Review I, II, and III, 10/98.

Lethal Emergencies, 12/98.

Pediatric Emergency Airway Management, 12/98

Medical Student Lectures, Medical College of Virginia of Virginia Commonwealth  
University, 1998:

Pediatric Emergencies Review, 1/98, 2/98, 3/98, 4/98, 9/98, 10/98, 11/98.

Internal Medicine Resident Lectures, Medical College of Virginia of Virginia  
Commonwealth University, 1998:

Acute Abdomen, 9/98.

Biliary Disease, Appendicitis, and Small Bowel Obstruction, 9/98.

Pancreatitis and Mesenteric Ischemia, 9/98.

Vertigo and Dizziness, 9/98.

Emergency Medical Technician Lectures, Medical College of Virginia of Virginia  
Commonwealth University, 1998:

Pediatric Medical Cases, 1/98.

Pediatric Trauma Cases, 1/98.

Seizures, 4/98, 5/98.

Stroke, 4/98, 5/98.

Pediatric Emergencies, 7/98.

Pediatric Emergencies, 12/98

Pediatric and Neonatal Resuscitation 12/98

Pediatric and Neonatal Transport Nurse Course:

Pediatric Dermatology Emergencies, 9/98.

Pediatric Orthopedic Emergencies, 9/98.

Pediatric ENT Emergencies, 9/98.  
Pediatric Gastrointestinal Emergencies, 9/98.  
Pediatric ECG Interpretation and Management of Dysrhythmias, 9/98.

Emergency Medicine and Pediatric Emergency Medicine Resident Lectures,  
Medical College of Virginia of Virginia Commonwealth University, 1999:

Pediatric Dermatology, 1/99, 2/99, 3/99, 4/99, 5/99, 6/99, 7/99, 8/99,  
9/99, 10/99, 11/99, 12/99.

Pediatric Radiographs, 1/99, 2/99, 3/99, 4/99, 5/99, 6/99, 7/99, 8/99, 9/99,  
10/99, 11/99, 12/99.

Pediatric Gastrointestinal Emergencies, 1/99, 2/99, 3/99, 4/99, 5/99, 6/99,  
7/99, 8/99, 9/99, 10/99, 11/99, 12/99.

Pediatric ENT Emergencies, 1/99, 2/99, 3/99, 4/99, 5/99, 6/99, 7/99, 8/99,  
9/99, 10/99, 11/99, 12/99.

Pediatric Orthopedic Emergencies, 1/99, 2/99, 3/99, 4/99, 5/99, 6/99, 7/99,  
8/99, 9/99, 10/99, 11/99, 12/99.

Pediatric Lethal Emergencies, 3/99.

Pediatric Emergency cases, 4/99.

Pediatric Ophthalmology, 8/99, 11/99, 12/99.

Pediatric Emergency Review I, II, and III, 10/99.

Pediatric Potpuri, 11/99.

Adult Radiographs, 10/99, 11/99, 12/99.

Hanover Family Practice Resident Lecture, Hanover, Virginia, 1999:

Pediatric Dermatology, 1/99.

Medical Student Lectures, Medical College of Virginia of Virginia Commonwealth  
University, 1999:

Pediatric Emergencies Review, 1/99, 2/99, 3/99, 4/99, 9/99, 10/99, 11/99,  
12/99.

Pediatric Environmental Emergencies, 4/99.

Emergency Medical Technician Lectures, Medical College of Virginia of Virginia  
Commonwealth University, 1999:

Pediatric Medical Cases, 4/99, 9/99.

Pediatric Trauma Cases, 9/99.

Pediatric Respiratory Emergencies, 11/99.

Pediatric Development, 11/99.

Emergency Medicine and Pediatric Emergency Medicine Resident Lectures,  
Medical College of Virginia of Virginia Commonwealth University, 2000:

Pediatric Dermatology, 1/00, 2/00, 3/00.

Pediatric Radiographs, 1/00, 2/00, 3/00

Pediatric Gastrointestinal Emergencies, 1/00, 2/00, 3/00.

Pediatric ENT Emergencies, 1/00, 2/00, 3/00.  
Pediatric Orthopedic Emergencies, 1/00, 2/00, 3/00.  
Pediatric Ophthalmology, 1/00, 2/00, 3/00.  
Adult Radiographs, 1/00, 2/00, 3/00.

Hanover Family Practice Resident Lecture, Hanover, Virginia, 2000:  
Pediatric Dermatology, 2/00.

Medical Student Lectures, Medical College of Virginia of Virginia Commonwealth University, 2000:  
Pediatric Emergencies Review, 2/00, 3/00

Emergency Medical Technician Lectures, Medical College of Virginia of Virginia Commonwealth University, 2000:  
Cervical Spine Radiology, 3/00.  
Chest Radiology, 3/00.

## **INVITED LECTURES**

Nationally Registered Emergency Medical Technician Refresher Course,  
Harrahan, Louisiana, 6/91.  
Topic: Infectious Diseases and Shock.

Louisiana Council of Emergency Nursing, Baton Rouge, Louisiana, 11/91.  
Topic: Advances in Resuscitation Techniques.

Louisiana State University School of Nursing Critical Challenges in Trauma  
Nursing, Slidell, Louisiana, 3/92.  
Topic: Forensics: A Clinical Approach to the Law.

Nationally Registered Emergency Medical Technician Refresher Course,  
Harrahan, Louisiana, 5/93.  
Topic: Shock and Burns.

Emergency and Trauma Nursing National Conference, New Orleans, Louisiana,  
5/93.  
Topic: Pulmonary Emergencies: Management Strategies for Optimizing  
Outcome.

Nationally Registered Emergency Medical Technician Refresher Course,  
Harrahan, Louisiana, 6/94.  
Topic: Shock and Infectious Diseases.

Emergency Medical Services for Children Annual Conference, New Orleans, Louisiana, 3/95.

Topic: Pediatric Resuscitation Management.

New Orleans Emergency Medicine Seminar, New Orleans, Louisiana, 5/95.

Topic: Update on CPR: The Past, Present, and Future.

Louisiana Association of Nationally Registered Emergency Medical Technicians State Educational Conference, New Orleans, Louisiana, 6/95.

Topic: Advanced Airway Management.

Emergency Medicine Grand Rounds, Medical College of Pennsylvania Hahnemann University School of Medicine, Philadelphia, Pennsylvania, 11/95.

Topic: Pediatric Trauma: An Introduction.

Emergency Medicine Grand Rounds, Beth Israel Hospital, Newark, New Jersey, 12/95.

Topic: Pediatric Trauma.

Emergency Medicine Grand Rounds, Louisiana State University, New Orleans, Louisiana, 6/96.

Topic: Pediatric Emergencies.

Louisiana State University Emergency Medicine Board Review Course, New Orleans, Louisiana, 9/96.

Topics: Pediatric Case Studies, Pediatric Medical Emergencies I and II.

Emergency Medicine Grand Rounds, Medical College of Pennsylvania Hahnemann University School of Medicine, Philadelphia, Pennsylvania, 10/96.

Topic: Pediatric Dermatology.

Emergency Medicine Grand Rounds, Temple University, Philadelphia, Pennsylvania, 1/97.

Topic: Pediatric Dermatology Emergencies.

Emergency Medicine Grand Rounds, University of Medicine and Dentistry-School of Osteopathy, Kennedy Hospital, Cherry Hill, New Jersey, 2/97.

Topic: Pediatric Emergencies.

Emergency Medicine Grand Rounds, Medical College of Virginia of Virginia Commonwealth University, Richmond, Virginia, 9/97.

Topic: Pediatric Dermatology.

Louisiana State University Emergency Medicine Board Review Course, New Orleans, Louisiana, 10/97.

Topics: Pediatric Case Studies, Pediatric Medical Emergencies I and II.

Annual Pediatric Transport Critical Care Curriculum, Medical College of Virginia of Virginia Commonwealth University, 11/97.

Topic: Burn Care in the Pediatric Patient.

Emergency Medicine Grand Rounds, Medical College of Virginia of Virginia Commonwealth University, Richmond, Virginia, 1/98.

Topic: Blue Babies.

Multidisciplinary Trauma Conference, Medical College of Virginia of Virginia Commonwealth University, Richmond, VA, 2/98.

Topic: Smoke Inhalation in a Pediatric Patient.

Taking it to the Streets '98 Emergency department Education Conference, Medical College of Virginia of Virginia Commonwealth University, 3/98.

Topic: My Child Can't Breathe: Pediatric Respiratory Emergencies.

Annual Pediatric Transport Critical Care Curriculum, Medical College of Virginia of Virginia Commonwealth University, 9/98.

Topic: Pediatric Orthopedic Emergencies.

Louisiana State University Emergency Medicine Board Review Course, New Orleans, Louisiana, 10/98.

Topics: Pediatric Case Studies, Pediatric Medical Emergencies I and II.

Emergency Medicine Grand Rounds, Medical College of Virginia of Virginia Commonwealth University, Richmond, Virginia, 10/98.

Topic: Pediatric Emergency Review.

Pediatric Grand Rounds, Medical College of Virginia of Virginia Commonwealth University, Richmond, Virginia, 12/98.

Topic: Pediatric Diagnosis of Abdominal Pain.

Virginia American College of Emergency Physicians Conference, Homestead, Virginia, 2/99.

Topic: Childhood Limp.

21<sup>st</sup> Annual Pediatric Primary Care Conference, Virginia Beach, 7/99.

Topic: Pediatric Sports Injuries.

Louisiana State University Emergency Medicine Board Review Course, New Orleans, Louisiana, 10/99.

Topics: Pediatric Case Studies, Pediatric Medical Emergencies I and II.

Virginia American College of Emergency Physicians Conference, Homestead, Virginia, 2/00.

Topic: Pediatric Dermatology I (neonatal rashes and pediatric rashes without fever), Pediatric Dermatology II (pediatric rashes with fever, pediatric hair disorders).

3<sup>rd</sup> Annual Southeastern SAEM Regional Meeting, 3/00.

Topic: Abstract Design and Writing.

## **RESEARCH GRANTS**

Co-Investigator.

American Heart Association Medical Student Research Fellowships, 1988.

Title: Effects of Acute Alcohol and Sepsis on Myocardial Performance.

Funds: \$2,100.

Co-Investigator.

American Heart Association Medical Student Research Fellowships, 1989.

Title: Effects of Acute Alcohol and Sepsis on Myocardial Contractility.

Funds: \$ 2,100.

Co-Investigator.

Baromedical Associates, 1993.

Title: Hypothermia and effects of catecholamines in an animal model.

Funds: \$10,000.

Principal Investigator.

ViroPharma Incorporated, 1998.

Title: A Double Blind, Placebo Controlled Trial of VP 63843 In The Treatment Of Enteroviral Meningitis In Children And Adolescents.

Fund: \$ 5,000.

Principal Investigator.

ViroPahrma Incorporated, 1998.

Title: A Double Blind, Placebo Controlled Trial of VP 63843 In The Treatment Of Enteroviral Meningitis In Adolescents And Adults.

Fund: \$ 5,000.

Co-Investigator.

Canadian Coordinator Center, University of Alberta.

Title: Prognostic Accuracy of Cardiac Troponin Studies and Holter ST monitoring (PACTS) trial.

## PUBLICATIONS

1. **Muñiz AE**; McDonough KH: Function of Isolated Hearts from Septic, Saline- Infused, and Septic, Alcohol-Infused Rats. *Alcoholism: Clinical and Experimental Research* 1991; 15: 1067 - 1071.
2. **Muñiz AE**: Endotracheal Drug Administration. *JAMA* 1993; 269: 2628.
3. **Muñiz AE**: Temafloxacin: An Unusual Overdose in a Child. *Pediatric Emergency Care* 1996; 12 (3): 215-216.
4. **Muñiz AE**, Joffe M: Foreign body: aspirated or ingested. *Contemporary Pediatrics* 1997; 14 (12): 78-103; and *J Am Acad Physician Assistants* 1999; 12 (6): 23-46.
5. **Muñiz AE**: Scapular Dislocation. *American Journal of Emergency Medicine* 1998, 16: 690-691.
6. **Muñiz AE**: Unusual Wrist Pain: Pisiform Dislocation and Fracture. *American Journal of Emergency Medicine* 1999; 17: 78-79.
7. Weiss SJ, **Muñiz AE**, Ernst AA, Lipton HL: The Physiological Response to Norepinephrine During Hypothermia and Rewarming. *Resuscitation* 1998; 38: 189-195.
8. **Muñiz AE**, Belfer RA: Atlantoaxial Rotary Subluxation in Children. *Pediatric Emergency Care* 1999; 15: 25-29.
9. **Muñiz AE**, Holstege C: Acute Myocardial Infarction Associated with Sildenafil (Viagra) Ingestion. Accepted for publication by *American J Emerg Med*, 1999.
10. Weiss SJ, Lipton HJ, **Muñiz AE**, Meiselman H, May W: The Effect of prior hypothermia on the physiological response to norepinephrine. Accepted for publication by *Resuscitation*.
11. **Muñiz Arias AE**: La Ingestion de cuerpos extraños. *Médicos Interamericano* 1999; 18: 546-551.

12. **Muñiz AE:** Prochlorperazine Induced Extrapyrarnidal Effects Mimicking Meningitis in a Child. Accepted for publication by the South Med J.
13. **Muñiz AE:** Delayed Presentation of an Intracranial Abscess following a Sledding Accident. Accepted for publication by the American J Emerg Med.
14. **Muñiz AE:** An Unusual cause of Abdominal Pain in Children: Cardiac Tamponade. Accepted for publication by the Can Emerg Med J.
15. **Muñiz AE, Evan T:** Chronic Paronychia, Osteomyelitis, and Epidural Abscess in a child with Blastomycosis. Accepted for publication by the J Emerg Med.
16. **Muñiz AE:** Management of Febrile Infants and Children ages 3 to 36 months by Pediatric Emergency Medicine and Emergency Medicine Physicians: Compliance with Practice Guidelines. Accepted for publication by Pediatric Emergency care.
17. Dunbar LM, Gregg KJ, **Muñiz AE,** George VT: A Comparison of Intravenous Fenoldopam versus Sodium Nitroprusside in Patients with Severe Hypertension (Submitted to Annals of Emergency Medicine).

## ABSTRACTS

1. **Muñiz AE,** McDonough KH: Effects of Alcohol (Acute) and Sepsis on the Myocardial Performance. Presented at the 73rd Annual Meeting of the Federation of American Societies for Experimental Biology (FASEB), New Orleans, Louisiana, March, 1989. FASEB Journal 1989; 3: A712.
2. Weiss SJ, **Muñiz A,** Johnson WD, Lipton HL: Hypothermia and Rewarming Inhibits Systemic Vasoconstriction to Catecholamines in an anesthetized Cat. Presented at the Annual meeting of the American Federation of Clinical Research, Baltimore, Maryland, April, 1994. Clinical Research 1994; 42: 255A.
3. Weiss SJ, **Muñiz A,** Johnson WD, Lipton HL: Hypothermia and Rewarming Inhibits Systemic Norepinephrine Vasoconstriction in an anesthetized Cat. Presented at the Annual Meeting of the Society for Academic Emergency Medicine, Washington, D.C., May, 1994. Academic Emergency Medicine 1994; 1: A97.

4. Belfer RA, Gittleman MA, **Muñiz AE**: The Management of Febrile Infants and Children by Pediatric Emergency Medicine Fellowship Directors and Emergency Medicine Residency Directors: Comparison with Practice Guidelines. *Academic Emergency Medicine* 1997; 4(5): 365. Presented at the Annual Meeting of the Society for Pediatric Research, Washington, D.C., April, 1997; and the Annual Meeting of the Society of Academic Emergency Medicine, Washington, D.C., 1997.
5. **Muñiz AE**, Weiss SJ: Admission Chest Radiographs for Children with Asthma: Are They Really Necessary. *Academic Emergency Medicine* 1997; 4(5): 366. Presented at the Annual Meeting for the Society of Academic Emergency Medicine, Washington, D.C., May 1997.
6. Dunbar L, Gregg K, **Muñiz A**, Fellman J, McGuire D, Luther R: Emergency Department Management of Hypertensive Emergencies: A Comparison of Corlopan versus Sodium Nitroprusside. *American Society of Hypertension Journal*, 1997.
7. **Muñiz AE**: CBC and Reticulocyte Count for Children with Vasocclusive Sickle Cell Crisis: Are They Really Necessary? Presented at the Society for Academic Emergency Medicine Mid-Atlantic Region Research Forum, Charlottesville, Virginia, April, 1998.
8. **Muñiz AE**: The Efficacy of Low-Risk Criteria for Excluding Significant Bacterial Infection in Infants less than 2 months of age. Presented at the Society for Academic Emergency Medicine Mid-Atlantic Region Research Forum, Charlottesville, Virginia, April, 1998.
9. **Muñiz AE**: Watch Out For Those Sledding Accidents. *Southern Medical Journal* 1998, 91: S58-S59. Presented at the 92<sup>nd</sup> Annual Scientific Assembly of the Southern Medical Association, Section of Neurosurgery, New Orleans, Louisiana, November, 1998.
10. **Muñiz AE**: Abdominal Pain Caused By Pericardial Tamponade. *Southern Medical Journal* 1998, 91: S87-S88. Presented at the 92<sup>nd</sup> Annual Scientific Assembly of the Southern Medical Association, Section of Pediatrics & Adolescent Medicine, New Orleans, Louisiana, November, 1998.
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## BOOK CHAPTERS

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## **CURRENT RESEARCH**

1. Prospective Evaluation of Significant Bacterial and Viral Infections in Febrile Infants < 2 months of age.
2. Prospective Evaluation of the Clinical Predictors of Urinary Tract Infections in Febrile Infants and Toddlers.
3. Prospective Evaluation of the Clinical Predictors of the Use of Chest Radiographs in Children with Asthma.
4. Prospective evaluation of the Epidemiology and Pain Management of Musculoskeletal in Children: is Conscious Sedation Decreasing Pain Management at Home?
5. Prospective Evaluation Abdominal pain in Infants and Children: What test are being performed?
6. Critically ill pediatric patients: how are they arriving to the Emergency Department?
7. Prospective evaluation of EMS pediatric patients: why are non-emergent Children using the EMS.
8. Prospective Evaluation of the use of the CBC and Reticulocyte count in Vasocclusive Sickle Cell Crisis.
9. Prospective Evaluation of Pediatric Pneumonia: Can we Accurately Predict Them?
10. Prospective Evaluation of Pediatric ECG?
11. Prospective Evaluation of Pediatric Chest Pains: Are the ECG and Chest Radiographs being Ordered?
12. Prospective Evaluation of Fever in Infants and Children Greater than 8 weeks of Age: What Tests Are Being Performed by Physicians Trained in Emergency Medicine vs. Pediatric Emergency Medicine.

13. Emergency Department ECG, Pulse Oximetry, and Blood Pressure Monitoring Devices: Are the Alarms Effectively Working?
14. Synchronization of Timepieces in the Hospital and Emergency Department: Implications during Cardiac Resuscitation Documentation.
15. Evaluation of the Crying Infant.
16. Pediatric Inhospital Resuscitation.
17. Presentation of Ataxia to the Pediatric Emergency Department.
18. Two methods of CPR in Infants: Two-fingers vs Two-Thumbs Techniques.
19. Acute life threatening event in a pediatric emergency department.