

Charlotte Derr, MD, RDMS, FACEP

erdcderr@yahoo.com

(813) 627-5931

1 Davis Blvd Suite 504 • Tampa, FL 33606

Current Employment

University of South Florida Emergency Medicine Residency Program (Tampa General Hospital)

- Emergency Ultrasound Fellowship Director 7/2010-present
- Emergency Ultrasound Director 7/2003-present
- Associate Residency Program Director 7/2005-present

TEAM Health Southeast (THSE)

- Tampa General Hospital Adult Emergency Care Center, 8/2002-present
- Co-Chair National Ultrasound Council, 11/2012-present
- Director of Emergency Ultrasound THSE, 7/2010-present

EmCare

- Lakeland Regional Medical Center Adult Emergency Department, 5/2014-present
- Part-time physician

Gulfcoast Ultrasound Institute (St. Petersburg, Florida)

- Clinical instructor and lecturer for Emergency Ultrasound, Abdominal and Critical Care Ultrasound Courses, 6/2007–present

Prior Employment

State of Florida

- Sarasota County Fire Department Medical Director, March 2007-May 2007
- Sarasota County Fire Department Assoc. Medical Director, June 2004-March 2007

Florida Medical Quality Assurance, Inc (Tampa, FL)

- Physician advisor / medical review April 2004-December 2005

Academic Appointments

University of South Florida Morsani College of Medicine, Department of Internal Medicine

- Affiliate Associate Professor, Division of Emergency Medicine, August 2012-present
- Affiliate Assistant Professor, Division of Emergency Medicine, 2004-2012

Academic Departmental Responsibilities

Emergency Ultrasound Fellowship Director, USF Emergency Medicine Residency Program, July 2010-present

Director of Emergency Ultrasound, USF Emergency Medicine Residency Program, August 2003-July 2005 and September 2006-present

Associate Program Director, USF Emergency Medicine Residency Program, July 2005-present

Medical Student Coordinator, Adult Emergency Care Center, Tampa General Hospital, August 2002-July 2005

Medical Licensure

Florida, 2002-present

Medical Education

Emergency Medicine Residency, 1999-2002
Maricopa Medical Center
Phoenix, Arizona

University of South Florida College of Medicine, 1999
Tampa, Florida

Undergraduate Education

Emory University, BS degree in Biology, 1995
Atlanta, Georgia

Manatee Community College, AA degree, 1993
Bradenton, Florida

Additional Medical Educational Training

ACEP Teaching Fellowship, Dallas, Texas, August 2005 and March 2006

National EMS Medical Director's Course and Practicum, Naples, Florida, January 2005

American Registry of Diagnostic Medical Sonographers (ARDMS) Certification in Abdominal Ultrasound, 2002

Certifications

Fellow, American College of Emergency Physicians (FACEP)
Diplomat, American Board of Emergency Medicine (ABEM)
American Registry of Diagnostic Medical Sonographers (ARDMS) Certification - Abdomen
Advanced Trauma Life Support (ATLS) Instructor
Advanced Trauma Life Support (ATLS)
Advanced Cardiac Life Support (ACLS)

Honors and Awards

Top Ten finish, National SAEM Sonowars, USF team captain, Dallas, Tx, May 2014
First place, Southeastern SAEM Sonowars, USF team captain, Jacksonville, FL, March 23, 2013
ACEP's Heroes of Emergency Medicine Award, 2008
Best Lecturer, USF Emergency Medicine Residency, 2008*
Best Lecturer, USF Emergency Medicine Residency, 2006*
SAEM Medical Student Excellence in Emergency Medicine Award, 1999
Phi Beta Kappa, 1995
Alpha Epsilon Delta, Premedical Honors Society, 1994
Phi Sigma, Biological Honors Society, 1994
Phi Theta Kappa, Scholastic Order of the Two Year College, 1992
Summa cum laude, Manatee Community College, 1993
*Awards were discontinued after 2008

National Lecture Presentations

Special Operations Medical Association Scientific Assembly, Tampa, December 8, 2014

- Ultrasound-Guided Regional Anesthesia of the Upper Extremity

ACEP Simulation-based Immersive Medical (SIM) Training Course

- Center for Advanced Medical Learning and Simulation
- Tampa, Florida
- Transvenous Pacemaker skills, US-guided Peripheral Venous Access
- March 31 – April 2, 2014

Special Operations Medical Association Scientific Assembly, Tampa, December 17, 2013

- Ultrasound-Guided Regional Anesthesia of the Upper Extremity

ACEP national educational video collaboration

- "Benefits of an Ultrasound Program in Your Emergency Department" created July 11, 2013, available viewing at acep.org

ACEP Scientific Assembly, Denver, Colorado, October 2012

- Avoiding Unnecessary X-rays: Radiology Decision Rules
- Abdominal Pain That Isn't: Abdominal Pain Masqueraders

January 2015

- Slit Lamp Skills Lab

ACEP Scientific Assembly, San Francisco, California, October 2011

- Clogged or Broken? Trouble-shooting Tubes and Lines
- Abdominal Pain That Isn't: Abdominal Pain Masqueraders
- Slit Lamp Skills Lab

ACEP Scientific Assembly, Las Vegas, Nevada, September 2010

- Clogged or Broken? Trouble-shooting Tubes and Lines
- Abdominal Pain That Isn't: Abdominal Pain Masqueraders
- Slit Lamp Skills Lab

ACEP Scientific Assembly, Boston, MA, October, 2009

- Hardware Headaches: Complications of CNS Devices
- What a Pain in the Neck!
- Slit Lamp Skills Lab

ACEP Scientific Assembly, Chicago, Illinois, October, 2008

- Slit Lamp Skills Lab

ACEP Scientific Assembly, Scientific Seattle, WA, October, 2007

- Slit Lamp Skills Lab

Air Medical Transport Conference, Tampa, FL, September 19, 2007

- Lightning Injuries

Society for Academic Emergency Medicine, San Francisco, CA, May 18, 2006

- CPC Competition-Semifinalist: Idiopathic Thrombocytopenic Purpura

ACEP Scientific Assembly, New Orleans, Louisiana, October, 2006

- Slit Lamp Skills Lab

ACEP Scientific Assembly, Washington, D.C., September, 2005

- Slit Lamp Skills Lab

American College of Osteopathic Emergency Physicians Spring Seminar, Arizona, 2002 and 2001

- Trauma Ultrasonography

State Lecture Presentations

EMS Summer Symposium, Sarasota, Florida, June 27, 2006

- Lightning Injuries

January 2015

Risk Management Seminar, Team Health Southeast, Tampa, FL, March 29, 2006

- Cases in Risk Management

Medical Director Leadership Workshop, Team Health Southeast, Lake Buena Vista, FL, 2006

- 2005 ACLS Guidelines Update

International Lecture Presentations

INDO-US Emergency Medicine Summit, Mumbai, India, September 29-30, 2007

- Emergency Abdominal Ultrasound
- Emergency Vascular Ultrasound
- Trauma Ultrasound

Regional Presentations

Washington ACEP Annual Meeting, Summit to Sound, Seattle, WA, May 19, 2011

- Clogged or Broken? Trouble-shooting Tubes and Lines

Invited Academic Lecture Presentations

Cook County Hospital (Stroger), Chicago, IL, April 3, 2013

- Trouble Shooting Tubes and Lines
- Complications of Indwelling Neurosurgical Devices

Maricopa Medical Center, Phoenix, AZ, March 13, 2013

- Trouble Shooting Tubes and Lines

Ultrasound Course Presentations

Gulfcoast Ultrasound Institute, St. Petersburg, FL

- Introduction to Abdominal and Family Medicine Sonography, November 12, 2014
- Advanced Emergency Ultrasound Course, September 17-18, 2014
- Webinar: Ultrasound-Guided Procedures, September 17, 2014
- Scan with the Experts: Hands-on Ultrasound Course, June 27, 2014
- Advanced Emergency Ultrasound Course, September 12-13, 2013
- Ultrasound-Guided Regional Anesthesia in the ED, August 24, 2013
- ACEP educational video collaboration- "Benefits of an Ultrasound Program in Your Emergency Department" created July 11, 2013, available viewing at acep.org

January 2015

- Scan with the Experts: Hands-on Ultrasound Course, June 26-26, 2013
- Introduction to Abdominal and Family Medicine Sonography, March 20, 2013
- Critical Care Sonography, October 24-26, 2012
- Advanced Emergency Ultrasound Course, September 13-14, 2012
- Introduction to Pediatric Ultrasound, August 16-17, 2012
- Scan with the Experts: Hands-on Ultrasound Course, August 7, 2012
- Scan with the Experts: Hands-on Ultrasound Course, May 25, 2012
- Critical Care Sonography, April 11-13, 2012
- Introduction to Emergency Ultrasound Course, March 21, 2012
- Introduction to Abdominal Sonography, March 7, 2012
- Critical Care Sonography, November 16-18, 2011
- Introduction to Abdominal Sonography, November 9, 2011
- Introduction to Pediatric Ultrasound, September 19-20, 2011
- Advanced Emergency Ultrasound Course , September 15-16, 2011
- Introduction to Emergency Ultrasound Course , September 12, 2011
- Introduction to Pediatric Ultrasound, July 29-30, 2010
- Introduction to Emergency Medicine Sonography, April 11, 2011
- Introduction to Abdominal Sonography, March 23, 2011
- Critical Care Sonography, March 16-18, 2011
- Introduction to Abdominal Sonography, November 10, 2010
- Critical Care Sonography, October 6-8, 2010
- Advanced Emergency Ultrasound Course , September 17, 2010
- Introduction to Pediatric Ultrasound, July 29-30, 2010
- Critical Care Sonography, April 12-14, 2010
- Critical Care Sonography, December 2-4, 2009
- Introduction to Abdominal Sonography, November 4, 2009
- Advanced Emergency Ultrasound Course, September 17-18, 2009
- Introduction to Abdominal Sonography, June 10, 2009
- Critical Care Sonography, May 27-29, 2009
- Webinar: Ultrasound Guided Procedures, April 1, 2009
- Introduction to Abdominal Sonography, April 1, 2009
- Introduction to Abdominal Sonography, November 12, 2008
- Introduction to Emergency Ultrasound Course, September 26, 2008
- Introduction to Abdominal Sonography, July 30, 2008
- Webinar: Emergency Medicine Case Studies, April 30, 2008
- Introduction to Abdominal Sonography, April 30, 2008
- Introduction to Emergency Ultrasound, March 5, 2008
- Introduction to Abdominal Sonography, November 7, 2007

Community Hospital Ultrasound Courses

- Springs Memorial Hospital, Lancaster, SC, August 27, 2013
- St Vincent's Hospital, Birmingham, AL, August 22-23, 2013

January 2015

- Hialeah Medical Center, Hialeah, FL, November 13-14, 2012
- Ocala Regional Medical Center, Ocala, FL, October 17-18, 2012
- Manatee Memorial Hospital, Bradenton, FL, December 16, 2011, January 12-13, 2012
- Duke University Hospitalist Group, Durham, NC, June 11, 2011
- James Haley, VA Hospital, Tampa, FL, September 2-3, 2010
- Winn Army Medical Center, Augusta, Georgia, May 27, 2010
- Blessing Hospital, Quincy, Illinois, May 11-12, 2010
- Oschner Medical Center, Baton Rouge, Louisiana April 29-30, 2009
- South Pointe Hospital, Cleveland, OH, March 23-24, 2009
- Bangor Medical Center, Bangor, Maine, April 15-16, 2008
- Parrish Hospital, Titusville, FL, March 11, 2008
- St. Vincent's Hospital, Jacksonville, FL, February 7-8, 2008
- Buffalo Veteran's Administration Medical Center, Buffalo, NY, November 17-18, 2007
- Pine Medical Center Sandstone, MN, June 26-27, 2007

Emergency Medicine Grand Rounds: Collection of Lecture Topics

Emergency Ultrasound: full spectrum of Introductory and Advanced lecture topics

Plain Film Radiography: Cervical Spine

Plain Film Radiography: Abdominal Series

Plain Film Radiography: Chest Radiograph

Plain Film Radiography: The Wrist

Plain Film Radiography: The Upper Extremity

Plain Film Radiography: The Foot

Plain Film Radiography: The Leg

Plain Film Radiography: The Knee

Plain Film Radiography: Practical

Anorexia and Bulimia

Diabetic Ketoacidosis/Alcoholic Ketoacidosis/Hyperosmolar State

Gastrointestinal Bleeding

Gastrointestinal Imaging

Heart-Lung Transplantation Emergencies

High Altitude Illness and Diving Emergencies

Oncology issues in EM: Breast, Urology, Gynecology

Envenomations

PID Jeopardy

Pulmonary Embolism: Clinical Conundrums

Syncope

Visual Odyssey I and II

Introduction to Wound Care

Fluids and Electrolytes

Normal Pregnancy

Large Bowel Jeopardy

January 2015

Gallbladder and Pancreas Jeopardy
Oropharyngeal disorders
Disorders of the ear

Medical Student Lectures

Introduction to Wound Care
The F.A.S.T. Exam
Introduction to Trauma
Headache
Introduction to Emergency Medicine
Violence in the Workplace
Domestic Violence
Lecture Presentation Skills
Lightning Injuries
Dyspnea
Skills of Splinting
Skills of Suturing

Publications

Ghaneie A, Grajo J, **Derr C**, Kumm T. Unusual ectopic pregnancies: Ultrasound imaging findings and implications for management. Accepted Sept 9, 2014 by the Journal of Ultrasound in Medicine.

Gantner J, Keffeler J, **Derr C**. Pulmonary Embolism: An Abdominal Pain Masquerader. *J Emerg Trauma Shock* Oct 2013;6:280-2.

Derr C, Henry M. Bedside ultrasound in the diagnosis of uterine rupture following surgical abortion. *Emergency Radiology*. 2013 Apr;20(2):165-7.

Derr C, Drake J. A case of esophageal rupture diagnosed with bedside ultrasound. *Am J Emerg Med*. 2012 Nov;30(9):2093.e1-3.

Derr C, Shah A. Bedside Ultrasound in the Diagnosis of Orbital Cellulitis and Orbital Abscess. *Emergency Radiology*. 2012;19(3):265-267.

Derr C, Shah A. Bilateral Dacryoadenitis: A Rare Condition. *Journal of Emergencies, Trauma and Shock*. 2012;5(1)92-94.

Derr C. Abdominal Pain Masqueraders. *Critical Decisions in Emergency Medicine*. 2011;26(4)11-19.

January 2015

Derr C, Ronning N. Complication of Tubes and Lines: Part 2. *Emergency Medicine Reports*. 2011; 32(18)217-224.

Derr C, Ronning N. Complication of Tubes and Lines: Part 1. *Emergency Medicine Reports*. 2011; 32(17)209-216.

Derr C, Fucarino M. Ultrasound in the diagnosis of small bowel obstruction secondary to an incarcerated jejunal loop in Morison's pouch. *Critical Ultrasound Journal*. 2011;3(2)101-103.

Derr C, Goldner D. Post-Traumatic Appendicitis: Further Extending the Extended Focused Assessment with Sonography in Trauma Exam. *The Am J Emerg Med*. 2009;27(5)632.e5-7.

Santayana R, **Derr C**. An Infectious Type of Angina. *Resident and Staff Physician*. 2007;53(4):39.

Derr C, O'Connor BJ, MacLeod SL. Laceration of the Popliteal Artery and Compartment Syndrome Resulting From Stingray Envenomation. *The Am J Emerg Med*. 2007;25(3):96-97.

Holzheimer, QH. *PIMP Protector* 1st ed. Philadelphia, PA: Lippincott, Williams, and Wilkins; 2007
Contributor, Pocket-sized guide to clinical medicine designed for medical students.

Schmerling L, **Derr C**. Pictorial CME: Wolff-Parkinson-White Syndrome. *The Journal of General Medicine*. 2006;18(3):68-69.

Poster Presentations

R. Merritt, S. Jackson, T Campbell, Z. Closser, L Boyette, B Miladinovic, **C Derr**. How Many Ultrasound Examinations Are Necessary To Gain Proficiency In Accurately Identifying The Nerves Of The Brachial Plexus?

- Poster presented by Z Closser at Symposium By The Sea, Boca Raton, FL August 9, 2014
- Poster presentation by R Merritt, USF Research Day, Feb 21, 2014

J. Gantner, C. Derr. Bedside Ultrasound in the Evaluation of Flank Pain.

- Poster presentation by J. Gantner, INDUSEM Meeting, Thrissur, Kerala, October 25, 2013

S. Jackson, C. Paul, A. De Lucia, S. Harris, R. Mhaskar, B. Miladinovis, **C. Derr**. Sonographic Identification of Peripheral Nerves in the Upper Extremity.

- Poster presentation by A De Lucia, SAEM Annual Meeting, Atlanta, GA, May 17, 2013
- Oral presentation by A De Lucia, SAEM Mid-Atlantic Meeting, Washington, DC, February 2, 2013
- Oral presentation by S Jackson, INDO-US EM Summit, Nashik, India, October 26-28, 2012

January 2015

R. Merritt, **C. Derr**, E. Zevallos, K. Downes, L. Land, M. Lassetter, D. Denittis, R. Paula. Ultrasound Evaluation of the Effect of Head Rotation on the Relationship of the Internal Jugular Vein and Carotid Artery.

- Oral presentation by R Merritt, Southeast Regional SAEM Meeting, February 2011, Jacksonville, FL
- Oral and poster presentation by R Merritt, The Sixth Mediterranean Emergency Medicine Congress September 2011, Kos, Greece, September 2011
- Poster presentation by R Merritt, Symposium By the Sea, August 2011, Naples, FL
- Oral presentation by R Merritt, SAEM Annual Meeting, June 1, 2011, Boston, MA
- Oral presentation by R Merritt, Western Regional SAEM Rocky Mountain Conference, March 2011, Keystone, CO
- Poster presentation by R Merritt and L Land, USF research day, February 2011 and 2010, Tampa, FL
- Poster presentation by R Merritt, INDO-US (India and United States) Emergency and Trauma Collaborative, September 2010, Baroda Medical School, Guajart, India
- Poster presentation by R Merritt, ACEP Annual Research Forum at the Scientific Assembly, September 29, 2010, Las Vegas, Nevada

C. Derr, B. O'Connor, A. Klash, S. Galwankar, S. MacLeod. The Use of Continuous Positive Airway Pressure for the Treatment of Acute Severe Pulmonary Edema in the Prehospital Setting

- Poster presentation by C Derr, ACEP Annual Research Forum at the Scientific Assembly, October 17, 2006, New Orleans, Louisiana

Research Funding

Tampa General Hospital Research Grant, awarded \$8190

“Ultrasound Evaluation of the Effect of Head Rotation on the Relationship of the Internal Jugular Vein and Carotid Artery”

January 2011 to present

Research Experience

Peripheral Nerves: How many ultrasound examinations are necessary to gain proficiency in accurately identifying each specific nerve?

University of South Florida Emergency Medicine Residency

Tampa General Hospital, June 2012 - present

Primary Investigator

Determination of anatomical variations using ultrasound

Primary Investigator

University of South Florida Emergency Medicine Residency

Tampa General Hospital, July 2009 – present

January 2015

What is the number of transvaginal ultrasound examinations needed to achieve proficiency?

Primary Investigator

University of South Florida Emergency Medicine Residency

Tampa General Hospital, July 2011 - present

Safe Central Line Project

Faculty evaluator

University of South Florida Simulation Center

Tampa General Hospital, July 2011 – July 2012

The Prehospital Use of CPAP for Treatment of CHF Exacerbations

Primary Investigator

The Sarasota County Fire Department, 2005-2006

Sonography Outcomes Assessment Program (SOAP)

Patient Enrollment

Maricopa Medical Center, 2000-2002

The Sensitivity and Specificity of Pyuria for the Presence of

Patient Enrollment

Urinary Tract Infection Accompanying Acute Urolithiasis

Maricopa Medical Center, 1999-2002

Trial of Zafirlukast (ACCOLATE) in Subjects Who Present to the

Patient enrollment

Emergency Department With Asthma Exacerbations

Tampa General Hospital, 1997-1998

Editorial Work

Peer Reviewer, *Academic Emergency Medicine*, 2010-2011

Memberships

American College of Emergency Physicians, 1997-present

Florida College of Emergency Physicians, 1997-1999, 2002-present

Society for Academic Emergency Medicine, 2006-present

American Institute of Ultrasound in Medicine, 2010-2011

National Association of EMS Physicians, 2004-2007

January 2015

Committees

ACEP EMS Committee, 2005-2007

Code Blue Committee, Tampa General Hospital, 2005-2006

ACEP Membership Committee, 1998-2004

Community Programs

Speaking of Women's Health (TV Broadcast)

WTVT Fox 13 News, Good Day Tampa Bay

October 26, 2010

Discussion of how women can prolong their lives using preventive health measures