

Curriculum Vitae  
Allen. Keith Wesley, MD FACEP FAEMS

Vital Statistics

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Born: September 10, 1959, Ft. Lee, Virginia  
Hometown: Tyler, Texas  
Residence: E2965 Benrud Lane  
Eau Claire, WI

Education

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College: Brigham Young University, Provo Utah  
B.S. Zoology (Premed), July 1977 - April 23, 1982  
Medical: Baylor College of Medicine, Houston Texas  
M.D., July 15, 1982 - May 23, 1986  
Residency: Methodist Hospital of Indiana, Indianapolis Indiana  
Emergency Medicine, June 23, 1986 - June 30, 1989

Work Experience

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07/01/07 – Present United Emergency Medical Response  
Medical Director  
Wisconsin Rapids, Wisconsin  
04/30/04 – 6/26/20 HealthEast Medical Transportation  
Medical Director of EMS  
St. Paul, Minnesota  
02/01/94 – 04/30/04 Chippewa Valley Emergency Care  
Director, EMS Education  
Sacred Heart Hospital  
Eau Claire, Wisconsin  
07/15/89 - 01/31/94 Southern Wisconsin Emergency Associates  
Assistant Medical Director of EMS  
Mercy Hospital  
Janesville, Wisconsin

Licensure & Certifications

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Medical Licenses: Wisconsin #30343  
Minnesota #40525  
Board: American Board of Emergency Medicine  
Emergency Medicine– Former Diplomate Retired  
March 8, 1991, recertified December 31 2001, December 31, 2013, Certificate 15160  
Board: American Board of Emergency Medicine  
Emergency Medical Services – Diplomate  
October 2013

Professional Associations

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National Association of EMS Physicians  
American College of Emergency Physicians  
National Association of EMTs

EMS Appointments

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04/30/04 – 6/26/20 Medical Director, M Health Fairview EMS (MHF EMS) formally HealthEast Medical  
Transportation, St. Paul MN

2007 – 2010	Minnesota State EMS Medical Director
2006 – 2008	Wisconsin State EMS Medical Director
2006 – 2008	Chair, National Council of State EMS Medical Directors
2005 – 2006	Wisconsin EMS Advisory Board to DHFS EMS Section
2007 – Present	Medical Director, United EMS Wisconsin Rapids, WI
2005 – 2015	Medical Director Eau Claire Regional SWAT Team
2006 – 2012	Medical Director Ashland-Bayfield EMS
2006 – 2012	Medical Director Apostle Island National Park
2005 – 2012	Medical Director Chippewa Fire District, Chippewa Falls, WI
2001 – 2004	Assistant Medical Director: Eau Claire Police Department Tactical Response Team
2000 – 2004	Medical Director Colfax Rescue, Colfax Wisconsin
1993 - 2004	EMS Physician Advisory Committee Wisconsin Bureau of EMS & Injury Prevention Dept. of Health and Family Services (Chair since 2001)
1994 - 2004	Medical co-Director Eau Claire County EMS, Eau Claire Wisconsin
1994 - 2003	Medical co-Director Eau Claire County EMS, Eau Claire Fire Department, Eau Claire Wisconsin
1996 - 2003	Medical Director West Central Wisconsin HAZMAT Response Team
1994 - 2004	Medical Director Eau Claire County 911 Communications Center
1996 - 2000	Medical Director West Central Wisconsin HAZMAT Response Team
1998 - 1999	Medical Director Trempealeau County 911 Communications Center, Osseo Wisconsin
1995 - 2003	Medical Advisor Wisconsin EMS Association
1997 - 1998	Chairman, EMS Committee Wisconsin Chapter, American College of Emergency Physicians
1989 - 1993	Medical Director Milton EMS, Milton Wisconsin
1989 - 1993	Assistant Medical Director Janesville Fire Department, Janesville Wisconsin

#### Educational Appointments

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2014 – 2020	Adjunct Assistant Professor, Department of Emergency Medicine, University of Minnesota School of Medicine
1999 – 2007	Physician Site Reviewer Committee on Accreditation of Education Programs

	For the EMT-Paramedic (formally JRC)
1994 – 2004	Medical Director, EMS Education Sacred Heart Hospital, Eau Claire WI
1995 - 1997	Enhanced EMT-Intermediate Curriculum Committee Wisconsin EMS Advisory Board
1994 - 1999	Medical Director, EMS Education Chippewa Valley Technical College, Eau Claire, WI
1994 – 2004	Clinical Assistant Professor, University of Wisconsin Family Practice Residency, Eau Claire, Wisconsin

#### Other Appointments

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2008 – Present	National Academy of Ambulance Coding – Advisory Board
2007 – 2022	JEMS Magazine Editorial Advisory Board,
2006 – 2020	National EMS Museum Advisory Board
2005 – 2007	Board of Directors – Cyanide Poisoning Treatment Coalition
2003 – 2005	Editorial Board, Journal of EMS Management, National Association of EMS Managers
2002 – 2005	Editorial Board, Merginet.com, On-line EMS Magazine
2002 – 2005	Wisconsin Mediation Board, Peer Review Panel
2002 – 2007	Chair, Membership Committee, National Association of EMS Physicians

#### Speaker Bureaus & Consulting Relationships

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2009 – Present	Nonin Medical
2009 – 2011	Advanced Circulatory Systems Inc.
2007 – 2009	Dey, L.P. Cyanokit
2007 – 2009	IZ-IO
2000 – 2009	Emergent Respiratory Products, Port-O-Vent CPAP

#### Publications

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##### Textbooks:

2022	Huszar's ECG and 12-Lead Interpretation, 6 <sup>th</sup> ed., Wesley, Elsevier
2016	Huszar's ECG and 12-Lead Interpretation, 5 <sup>th</sup> ed., Wesley, Elsevier
2008	Huszars Basic Dysrhythmias and Interpretation and Management 4 <sup>th</sup> ed, , Wesley, Elsevier
2020	First Responder 11 <sup>th</sup> ed. , Bergeron, Bizjak, Le Boudour, Wesley; Brady
2016	First Responder 10 <sup>th</sup> ed. , Bergeron, Bizjak, Le Boudour, Wesley; Brady
2012	First Responder 9 <sup>th</sup> ed. , Le Boudour, Wesley; Brady
2008	First Responder 8 <sup>th</sup> ed. , Bergeron, Bizjak, Le Boudour, Wesley; Brady
2005	Fast & Easy ECGs: A Self Paced Program, Bruce Shade/Keith Wesley, McGraw-Hill
2003	Paramedic and Intermediate Preparation and Review Manual, Dan Mack/Keith Wesley, Mosby
2002	Reviewed and corrected drug dosages and calculations, EMT-Intermediate Textbook, 2 <sup>nd</sup> edition, Shade, Mosby
2002	Reviewer, ACLS Interactive CD-ROM, Bannon, Mosby
2001	Reviewer, Prehospital Drug Therapy, 2 <sup>nd</sup> edition, Gonsoulin et al, Mosby
2001	Reviewer, EMT Prehospital Care 3 <sup>rd</sup> edition, Halley, Mosby

- 2000 Contributor, Paramedic Workbook, Saunders, Mosby
- 2000 Chapter 13: Geriatric Trauma PHTLS Textbook 2<sup>nd</sup> edition
- 2000 Reviewer, ACLS Quick Review Study Guide 2<sup>nd</sup> edition, Aehlert, Mosby
- 2000 Reviewer, EMT-B Certification Preparation and Review 2<sup>nd</sup> edition, Nagell, Mosby
- 2000 Reviewer, EMT-Basic Text, 4<sup>th</sup> edition, Lockhart, Mosby
- 2000 Reviewer, 4<sup>th</sup> Edition, Mosby's Paramedic Textbook, Instructor's Manual and Student Handbook
- 1999 Reviewer, EMT-Intermediate Text, McSwain, Mosby
- 1997 Enhanced EMT-Intermediate Pilot Curriculum  
Wisconsin EMS Section, Dept. of Health and Family Services
- 1995 Editor in Chief, Wisconsin EMS Medical Directors Handbook  
Wisconsin EMS Section, Dept. of Health and Family Services

Abstracts:

(2020) Abstracts for the 2020 NAEMSP Scientific Assembly, Prehospital Emergency Care, 24:1, 100-156, DOI:

**Discordant Perceptions of Care between Transgender Patients and Emergency Medical Services (EMS) Providers**, Eli Bevis, MJ Zappa, Marshall Washick, Allen Wesley; *HealthEast Medical Transportation*

**Survey of Minnesota Emergency Medical Services (EMS) Providers Reveals Challenges on Acceptance of Transgender Patient Care Education**, MJ Zappa, Eli Bevis, Marshall Washick, Allen Wesley, *HealthEast Medical Transportation*

(2019) Abstracts for the 2019 NAEMSP Scientific Assembly Pages 97-152 | Received 04 Sep 2018, Accepted 05 Sep 2018, Accepted author version posted online: 15 Sep 2018, Published online: 14 Nov 2018

**Adenosine Triphosphate (ATP) Bioluminescence Surveillance of Standardized Protocol Effectiveness on Ambulance Cleanliness** Mitchell Butterbaugh, Marshall Washick, Keith Wesley, Prasanthi Govindarajan, *HealthEast Medical Transportation*

(2010) Abstracts for the 2010 NAEMSP Scientific Assembly Pages 1-56 | Published online: 30 Nov 2009

**Method of End-Tidal Carbon Dioxide Monitoring Affects Accuracy While Administering Continuous Positive Airway Pressure** Marshall Washick, Keith Wesley, *HealthEast Medical Transportation*

Papers:

Jason A. Bartosa, R.J. Frasconeb, Marc Conteratob, Keith Wesley, Charles Lick, Kevin Sipprell, Nik Vuljaj, Aaron Burnett, Bjorn K Peterson, Nicholas Simpson, Kealy Ham, Charles Bruen, Casey Woster, Kari B Haley, Joanna Moore, Brandon Trigger, Lucinda Hodgson, Kim Harkins, Marinos Kosmopoulos, Tom P. Aufderheide, Jakub Tolar, Demetris Yannopoulosa

The Minnesota mobile extracorporeal cardiopulmonary resuscitation consortium for treatment of out-of-hospital refractory ventricular fibrillation: Program description, performance, and outcomes  
*Lancet eClinical Medicine* 29-30(2020) 100632

Yannopoulos D, Bartos J, Raveendran G, Walser E, Connett J, Murray TA, Collins G, Zhang L, Kalra R, Kosmopoulos M, John R, Shaffer A, Frascone RJ, Wesley K, Conterato M, Biro M, Tolar J, Aufderheide TP. Advanced reperfusion strategies for patients with out-of-hospital cardiac arrest and refractory ventricular fibrillation (ARREST): a phase 2, single centre, open-label, randomised controlled trial. *Lancet*. 2020 Nov 12;S0140-6736(20)32338-2. doi: 10.1016/S0140-6736(20)32338-2. Online ahead of print.

Kenneth A. Williams, Brendan C. Berry, Allen Yee, A. Keith Wesley, Kevin Sirmons, Benjamin J. Lawner & on behalf of NASEMSO, AMPA, and NAEMSP (2020) Code of Ethics for EMS Physician Medical Directors, Prehospital Emergency Care.

Avasarala J, Wesley K. Optimization of acute stroke care in the emergency department: a call for better utilization of healthcare resources amid growing shortage of neurologists in the United States. *CNS Spectr*. 2018;23(4):248-250.

Adabag S, Hodgson L, Garcia S, et al. Outcomes of sudden cardiac arrest in a state-wide integrated

resuscitation program: Results from the Minnesota Resuscitation Consortium. *Resuscitation*. 2017;110:95-100.

Garcia S, Drexel T, Bekwelem W, et al. Early Access to the Cardiac Catheterization Laboratory for Patients Resuscitated From Cardiac Arrest Due to a Shockable Rhythm: The Minnesota Resuscitation Consortium Twin Cities Unified Protocol. *J Am Heart Assoc*. 2016;5(1):e002670. Published 2016 Jan 7.

Widmeier K, Wesley K. Infection detection: Identifying & understanding sepsis in the prehospital setting, part 1 of 2. *JEMS*. 2014;39(1):34-37.

Burnett AM, Wesley K, Page D, Washick M. "Pre-hospital intubation is associated with increased mortality after traumatic brain injury". *J Surg Res*. 2013;179(1):183.

Lu DW, Guenther E, Wesley AK, Gallagher TH. "Disclosure of harmful medical errors in out-of-hospital care." *Ann Emerg Med*. 2013 Feb; 61(2):215-21.

Cunningham CA, Wesley K, Peterson TD, et al. The role of state medical direction in the comprehensive emergency medical services system: a resource document. *Prehosp Emerg Care*. 2010;14(3):404-411.

Myers JB, Slovis CM, Eckstein M, et al. Evidence-based performance measures for emergency medical services systems: a model for expanded EMS benchmarking. *Prehosp Emerg Care*. 2008;12(2):141-151.

Bledsoe BE, Wesley AK, Eckstein M, Dunn TM, O'keefe MF. "Helicopter Scene Transport of Trauma Patients with Nonlife-Threatening Injuries: A Meta-Analysis." *J Trauma*. 2006 Jun;60(6):1257-1266.

Wesley AK. Improving the hemodynamics of CPR. AHA guidelines support timely and effective CPR. *Emerg Med Serv*. 2006;35(3):82-92.

Bledsoe B, Braude D, Dailey MW, Myers J, Richards M, Wesley K. Simplifying prehospital analgesia. Why certain medications should or should not be used for pain management in the field. *JEMS*. 2005;30(7):56-63.

"NAEMSP Position Paper: High-Dose Steroids for Acute Spinal Cord Injury in Emergency Medical Services" B. Bledsoe, AK Wesley, Volume 8, Number 3/July-September 2004

Alonso-Serra HM, Wesley K; National Association of EMS Physicians Standards and Clinical Practices Committee. Prehospital pain management. *Prehosp Emerg Care*. 2003;7(4):482-488.

Wesley K. Without warning. How to effectively treat patients with excited delirium. *JEMS*. 2011;36(2):48-55.

"Selective spinal immobilization." **Wesley K.**, *Emerg Med Serv*. 2004 May;33(5):99-102, 104-6.

#### Journal of EMS Columns

Wesley K, Wesley K. Vital Handoffs: Do we give complete, high-quality reports when transferring care?. *JEMS*. 2017;42(5):23.

Wesley K, Wesley K. EMS Vs. Police Transport: Should we allow police officers to transport trauma patients?. *JEMS*. 2017;42(2):29.

Wesley K, Wesley K. Pediatric Pain: Evaluating prehospital opioid pain management in children. *JEMS*. 2017;42(3):25.

Wesley K, Wesley K. DEXTROSE DOSING. *JEMS*. 2016;41(6):18.

Wesley K, Wesley K. INCIDENT REHAB. *JEMS*. 2016;41(5):23.

Wesley K, Wesley K. MOVIE MAGIC. *JEMS*. 2016;41(4):18.

Wesley K, Wesley K. ALS VS. BLS. *JEMS*. 2016;41(1):28.

Wesley K, Wesley K. Pit Crew Proof. Study shows CPR method has better survival rates. *JEMS*. 2016;41(8):24-25.

Wesley K, Wesley K. STROKE RECOGNITION. Lower the threshold for stroke alert activation. *JEMS*. 2016;41(2):22.

Wesley K, Wesley K. Hands-On Defibrillation: Is an AED shock safe during compressions?. *JEMS*. 2016;41(11):23.

Wesley K, Wesley K. QUALITY OF VIEW. Video laryngoscopy improves intubation success rate. *JEMS*. 2016;41(3):22.

Wesley K. Face Saver. Better options for cooling. *JEMS*. 2016;41(8):20-21.

Wesley K, Wesley K. Backboard Blues. Study says long spine boards may not be worth the trouble. *JEMS*. 2016;41(7):44.

Wesley K, Wesley K. GCS CONTROVERSY. *JEMS*. 2015;40(11):25

Wesley K, Wesley K. ABSENT ASPIRIN. *JEMS*. 2015;40(5):28.

Wesley K, Wesley K. DNR CONFUSION. POLST interpretation lacks consensus among prehospital providers. *JEMS*. 2015;40(6):28

Wesley K, Wesley K. ABUSE BARRIER. Providers don't know when to report child abuse. *JEMS*. 2015;40(7):36.

Wesley K, Wesley K. NITRO EFFECTS. Study assesses nitroglycerin's risk of hypotension in STEMI patients. *JEMS*. 2015;40(12):25.

Wesley K, Wesley K. TRIAGING GERIATRICS. 110 is the new 90 for systolic blood pressure in elderly patients. *JEMS*. 2015;40(10):29.

Wesley K, Wesley K. Give them the epinephrine: Pediatric anaphylaxis management in the prehospital setting. *JEMS*. 2014;39(1):26.

Wesley K, Wesley K. Getting burned. Holes in burn victim study negate prehospital blame. *JEMS*. 2014;39(12):27.

Wesley K, Wesley K. Stroke savvy. The accuracy of EMS-reported last known normal times. *JEMS*. 2014;39(9):27.

Wesley K, Wesley K. Intubation alternative. *JEMS*. 2014;39(3):23.

Wesley K, Wesley K. Monitoring shock. *JEMS*. 2014;39(6):30.

Wesley K, Wesley K. A commonsense review. *JEMS*. 2014;39(2):32.

Wesley K, Wesley K. End-of-life care. *JEMS*. 2014;39(7):32.

Wesley K, Wesley K. Ineffectiveness of the precordial thump. Outdated practice doesn't save lives. *JEMS*. 2014;39(10):25.

Wesley K, Wesley K. Trauma overtriage. Who should pay the bill?. *JEMS*. 2014;39(4):24.

Wesley K, Wesley K. Clean hands. *JEMS*. 2014;39(8):26.

Wesley K. The argument for BLS CPAP. *JEMS*. 2013;38(11):40-43.

Wesley K, Wesley K. Spinal immobilization. Can we throw away our backboards yet?. *JEMS*. 2013;38(11):30-31.

Wesley K. Pump problems. *JEMS*. 2012;Suppl:8-11.

Journal of EMS “What’s Up Doc” column:

“No silver bullet cardiac arrest survival depends on numerous strategies.” Wesley K., *JEMS*. 2010 Jul;35(7):36, 38

“PRIMED for failure? What the ROC PRIMED study should tell us about clinical trials and the way forward in reducing the toll of out-of-hospital cardiac arrest.” Wesley K., *EMS Mag*. 2010 May;39(5):46-50.

“To err is human. Creating a 'just culture' to alter behavior & reduce medical errors.” Wesley K., *JEMS*. 2009 Jul;34(7):44, 46

“Buying time: making the case for pacing a hypoperfusive DNR patient.” Steines T, Wesley K., *JEMS*. 2009 Apr;34(4):30-1

“Write it right keeping your PCR clinical & factual.” Wesley K., *JEMS*. 2008 Apr;33(4):42-4.

“Nasal medications. A delivery method long overdue.” Fowler RL, Wesley K. *JEMS*. 2007 Oct;32(10):S33.

“The 'basic' skill of CPAP. Adding CPAP to the EMT-B scope of practice.” Wesley K., *JEMS*. 2007 Oct;32(10):S21-2.

“Hey, doc! Is anybody listening?” Wesley K., *JEMS*. 2005 Jul;30(7):20

Wesley, *Prehospital Emergency Care*; October/December 2003 vol. 7 num. 4

“Hey, Doc! Just another detox?” Wesley K., *Emerg Med Serv*. 2002 Jul;31(7):28.

Wisconsin State EMS Journal:

“Mask CPAP”, *EMS Professionals*, May-June 2003

“Selective Spinal Immobilization”, EMS Professionals, Nov-Dec 2002  
“Benchmarking EMS”, EMS Professionals, May-June 2001  
“Pain – Understanding it and Treating it”, EMS Professionals, Jan-Feb 2001  
“Latex Allergies and the EMT”, EMS Professionals, Nov-Dec 2000  
“Pilot Testing Wisconsin’s Enhanced Intermediate”, EMS Professionals, Jan-Feb 1999  
Bi-monthly “Hey Doc” column, EMS Professionals: Journal of the Wisconsin EMS Association since 1995 - 2004. (Titles available upon request)

### Speaking Engagements

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EMS Today 2016, Baltimore MD, Feb 19-21, 2016  
“Ethical Challenges in EMS”  
“Pre-hospital Analgesia”  
Pierce County EMS Conference, Ellsworth WI, Feb 22, 2014  
“Excited Delirium – A Freight Train to Death”  
Inver Hills Community College EMS Conference, Feb 19 2014  
“Throw you Backboards Away”  
EMS Today 2014, Washington DC, Feb 5-9, 2014  
“CPAP – It’s Basic”  
“Excited Delirium – A Freight Train to Death”  
Arrowhead EMS Conference, Duluth MN, January 25-30, 2014  
DOT EMT Basic Instructor Course  
“Rumbles and Grumbles – Abdominal Emergencies”  
“Shock”  
DVFA Conference, Dover DE, Sept. 9-11, 2013  
“CPAP for Everyone”  
“Excited Delirium – A Freight Train to Death”  
“Rumbles and Grumbles – Abdominal Emergencies”  
“Here, Hold This – Tourniquets in EMS”  
Iowa Code Three Conference, Cedar Rapids, IA, Marsh 22-23, 2013  
“Carbon Monoxide – The Silent Killer”  
“ Pediatric Head Injuries”  
“CPAP for Everyone – Lessons Learned”  
EMS World, New Orleans, October 30-Nov 3, 2012  
“Advanced Capnography”  
“Oxygen Therapy”  
“Lasix Kills”  
Pennsylvania EMS Conference, August 17-18, 2012  
“10 Most Important EMS Paper”  
“High Performance CPR”  
“EMS Medical Oversight”  
Region III EMS Conference, Ruidoso NM, April 26-29, 2012  
“All That Wheezes”  
“Excited Delirium”  
“EMS Professionalism”  
Grand Junction CO Conference, Jan 27-28, 2012  
“Excited Delirium Workshop”  
“Keynote: Become an EMS Professional”  
Arrowhead EMS Conference, Duluth, MN, Jan, 20-21, 2012  
“Oxygen Therapy”  
“Here, Hold This: Tourniquets”  
EMS Trendsetters, Kenosha, WI, Nov. 3-5, 2011  
“Shock”  
“Getn’ Old, Goin Slow”  
“Be Excellent to Each Other”  
“Excited Delirium”  
“Rumbles and Grumbles”  
EMS Conference, Gloucuster, PA, Oct 27<sup>th</sup>, 2011  
“Excited Delirium”

Marshfield Trauma Conference, Marshfield WI, August 10<sup>th</sup>, 2011  
 “Advanced Capnography”  
 “ECG Basics for Basics”

Arkansas Ambulance Association Conf., Little Rock AR, April 26-27, 2011  
 “Firefighter Rehab”  
 “Pain Management”

Iowa State EMS Conference, April 2, 2011  
 “Excited Delirium”  
 “Pediatric Head Injuries”  
 “Lasix Kills”

EMS Today, Baltimore MD, March 1-7, 2011  
 “Lasix Kills: New Therapies for Congestive Heart Failure”  
 “Grow Up: Become an EMS Professional”  
 “The Patient Care Narrative – What you never learned”

Long Hot Summer, St. Paul MN, Feb 25, 2011  
 “Top 10 Research Papers of 2010”  
 “Self Defense and Excited Delirium”

Arrowhead EMS Conference, Duluth MN, Jan 22-25 2011  
 “Excited Delirium – A Freight Train to Death”  
 “Pit Crew CPR – The 2010 AHA Guidelines”  
 “AMLS”

Bellingham EMS Conference, Bellingham WA, Oct 23-24 2010  
 “Become an EMS Professional”  
 “The 10 most important EMS Papers in 2010”

Clincon 2010, Orlando, Florida, July 1-3 2010  
 “Advanced capnography – its more than just a number”  
 “Lasix Kills – New Therapies for CHF”  
 “Excited Delirium – A Freight Train to Death”  
 “Here Hold this – Role of Tourniquets in EMS”  
 “The Patient Care Narrative – What you never learned”

Arkansas Ambulance Association Conference, Little Rock, AR, April 27-30 2010  
 “Fundamental of Quality Improvement”  
 “Selective Spinal Immobilization”  
 “Drug Facilitated Airway Management”  
 “Medical Direction”  
 “Excited Delirium – A Freight Train to Death”

Long Hot Summer, St. Paul MN, March 2010  
 “Excited Delirium – A Freight Train to Death”

EMS Expo, Oct 26-30, 2009, Atlanta, GA  
 “New Therapies for Congestive Heart Failure”  
 “Excited Delirium – A Freight Train to Death”

Oregon EMS Conference – Excellence in Education, Portland, OR, Oct 2-3, 2009  
 Pre-con “Evaluating EMS Literature”  
 “Understanding CHF”  
 “Pit Crew CPR”

Hong Kong Symposium on Emergency Medicine, Sept 25-26, 2009, Hong Kong, CN  
 “High Performance CPR and the role of the ResQPod”

What’s Hot and What’s Not in Trauma Care Conference, Stevens Point, WI, Aug 13, 2009  
 “Drug Facilitated Airway Management”

Colorado Symposium on Emergency Care, Telluride, CO, May 27-30, 2009  
 “Hey Hold This! Tourniquets and Hemostatic Agents”  
 “To Tube or not to Tube: That is the Questions”  
 “New Therapies for Congestive Heart Failure”  
 “All that Wheezes”  
 Keynote – “Become an EMS Professional”

Resuscitation Conference, Anchorage Alaska, May 6-9, 2009  
 “High Performance CPR”

Cook County EMS, Gran Marais, April 24-25, 2009  
 Keynote – “Become an EMS Professional”  
 “CPAP for Everyone”  
 “ECG for Basics”

“Not a Basic Airway”  
 Keynote – “Be excellent to one another”  
 South Carolina EMS Conference, Myrtle Beach, April 15-20, 2009  
 “ANS and EMS Pharmacology”  
 “Get Low Go Slow – Peds Emergencies and Science”  
 “Cyanide Poisoning – More Common than you think”  
 Long Hot Summer Conference, Minneapolis, MN, Feb 6, 2009  
 “Not a Basic Airway”  
 Arrowhead EMS Conference, Duluth MN, January 20-26, 2009  
 “AMLS” course pre-con  
 “EMS Documentation”  
 “EMS Controversies”  
 Iowa EMS Conference, Dubuque, Iowa, November 13-14, 2008  
 “The Basics of Medical Direction”  
 “Developing a CQI Program”  
 EMS Expo, Las Vegas, NV, Oct 15-18, 2008  
 “Brain Attack”  
 “Excited Delirium”  
 “New Therapies for CHF”  
 Greater Northwest EMS Conference, Bemidji, MN, Oct 3-4, 2008  
 “Not A Basic Airway”  
 EMStock, Bledsoe Ranch, September 22-24, 2008  
 “Cyanide Poisoning”  
 “Excited Delirium”  
 Arkansas EMT Association Annual Conference, Hot Springs AK, August 7-9, 2008  
 “EMS Quality Improvement and Peer Review Fundamentals”  
 “Medical Director Liability”  
 “EMS Disciplinary Action and the Medical Director”  
 “Controversies in EMS”  
 Southern Louisiana EMS Conference, Panama City, FL, May 6-8, 2008  
 “Advances in CHF Treatment”  
 Region XI EMS, Ruidoso, NM, April 24-27, 2008  
 “The Basic Airway, Not So Basic”  
 “Advance in CHF Treatment”  
 Rhode Island EMS, April 28-30, 2008  
 “Advances in CFH Treatment”  
 EMS Today, Baltimore MD, March 28, 2008  
 “PCRF Clinical Controversies: Technology in assessment”  
 “Excited delirium-A life threatening condition”  
 “The basic airway: Not so basic !”  
 Duluth EMS Conference, January 28, 2008  
 “Clinical Controversies”  
 East Coast EMS Conference, Camden Maine, November 8, 2007  
 “Shock”  
 “All That Wheezes”  
 “Keynote – Where have all the Mentors gone?”  
 EMS Expo, Orlando, FL, September 2007  
 EMS Management Issues, Ask the Docs, Controversies of Intubation.  
 Georgia EMS Conference, Savannah GA, August 30, 2007  
 “All That Wheezes”, “CPAP for Everyone” ,  
 Oklahoma EMS Conference, Enid OK, July 19<sup>th</sup> 2007  
 “Pre-hospital CPAP”,  
 Arkansas EMS Conference, Hot Springs AR, July 21 2007  
 “Pre-hospital CPAP”,  
 Alabama ACEP, Panama City FL, April 9<sup>th</sup> 2007  
 “Pre-hospital CPAP”, “Documentation: What you never learned”,  
 Louisiana EMS Conference, Baton Rouge LA, June 23<sup>rd</sup> 2007  
 “Pre-hospital CPAP”  
 NM Region II EMS “Partners for Life”, Ruidoso NM, April 13<sup>th</sup> 2007  
 “Be Excellent to One Another”  
 “Rumbles and Grumbles”

Speaking EMS Today, Baltimore, MD March 8-11, 2007  
 “Writing a Good Narrative”  
 “The Mystery of the Med”  
 “Clinical Controversies – Prehospital Intubation”,  
 “Where have all the Mentors Gone”

Emergency Care Conference, Columbus, Ohio, March 4, 2007  
 “Drowning on dry land”

Gathering of the Eagles, Dallas, TX, Feb 15<sup>th</sup> 2007  
 “CPAP for Basics”  
 “EMS Medical Director Liability”  
 “Zen and the Art of EMS”

Duluth EMS Conference, Duluth MN, January 2007  
 “Pre-hospital CPAP”  
 “Shock: More than low blood pressure”

National Association of EMS Physicians, Naples Florida, January 2007  
 “EMS Medical Director Liability”

Massachusetts State EMS Conference, Boston MA, October 2006  
 “Prehospital CPAP”,

Tennessee Ambulance Association, Nashville TN, October 2006  
 “Prehospital CPAP”

Vital Signs, Syracuse NY, October 2006  
 “2005 AHA Guidelines: Why Change”  
 “CPAP for Everyone”

EMS Expo, Las Vegas NM, September 2006  
 “EMS Medical Oversight”  
 “Advances in ACLS & CPR – What do we do now?”  
 “ECG Interpretation for EMT-Basics”

Oregon EMS Conference 2006, Portland OR, September 2006  
 “All That Wheezes”  
 “Becoming an EMS Professional”  
 “Precon- Caring for the Geriatric Patient”  
 “Care of the Elderly Trauma Patient”

Nebraska EMS Statewide Conference, Lincoln NE, July 2006  
 “Shock – More than low blood pressure”  
 “Get Low, Go Slow – Care of the Pediatric Patient”  
 “Become an EMS Professional”

New Mexico EMS Conference, Albuquerque NM, July 2006  
 “The New 2005 AHA Guidelines”  
 “Become an EMS Professional”  
 “New Therapies for CHF”

26<sup>th</sup> annual Colorado Symposium on Emergency Care 2006, Telluride CO, May 2006  
 “New 2005 AHA Guidelines”  
 “Care of Elderly Trauma Victims”  
 “Advanced Treatment of CHF”

EMS Week, Albany Medical Center, Albany NY, May 2006  
 “The Bleeding Edge of EMS”

National Association of EMS Educators Annual Conference, San Antonio TX, September 2005  
 “Using Peer Review Constructively in EMS Education”  
 “EMS Mentoring and the Affective Domain”

ClinCon 2005, Orlando Florida, June 2005  
 “CPAP for Everyone”  
 “The New 2005 AHA Guidelines”

Texas EMS Conference, San Antonio TX, November 2004  
 “CPAP for Everyone”

Virginia State EMS Conference, Norfolk VA, November 2004  
 “All That Wheezes”  
 “CPAP for Everyone”  
 “Get Low, Go Slow – Pediatric Emergencies”,

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 “All That Wheezes”  
 “Shocking truth about Shock”

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    “Advances in CHF Therapy”  
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Michigan EMS Instructors Conference, Houghton Lake MI, October 2003  
    “Dealing with Generation X”  
    “EMS Documentation”  
    “Peer Review”  
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    “Grow’n Old, Gen’t Slow – Caring for the Geriatric Patient”  
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