

Bill Heegaard, MD

Assistant Chief of Emergency Medicine for Business Affairs and Outreach

Medical Director, LifeLink

Associate Professor - Department of Emergency Medicine, University of Minnesota

E-mail: bill.heegaard@co.hennepin.mn.us

Current Professional Activities, Committees, and Society Memberships

Current Professional Activities

Co-Director, Life Link III, St. Paul

Life Link III Board Member

Life Link III Medical Advisory Board

General Surgery Liaison

Director of Critical Care Airway Lab

Committees

Life Link III Research Committee

Airway Advisory Committee

Liaison to General Surgery

Emergency Medicine faculty selection committee

EMS Committee

Trauma Multidisciplinary Committee

Resident Selection Committee

Society Memberships

Society for Academic Emergency Medicine

American College of Emergency Physicians

Air Medical Physicians Association

American Academy of Emergency Medicine

American College of Physician Executives

National Association of EMS Physicians

Scholarly Activities

Extramural Invited Lectures

"Update of Severe and Minor Head Trauma"

Hot Topics in Emergency Care

Brainerd, MN 2000

"The Difficult Airway"

Hutchinson Grand Rounds

August 2000

(Also given to Cambridge, Buffalo, and Willmar n 2000

"Controversies in Trauma

Trauma Tactics Conference

Red Wing, MN 2000

"New Advances in EMS Technology"

Trauma Tactics Conference

Red Wing, MN 2001

"Rural Helicopter Usage in Farm Accidents"

Farm Injury Conference

Cambridge, MN May 2002

"Controversies in EMS"
Ambulance Medical Directors Conference
Alexandria, MN 2002, Breezy Point, MN 2003, Alexandria, MN 2004

"Time and Outcome in EMS"
Life Link III 2002, 2003

National Invited Lectures

"Procedural Sedation in the Emergency Department"
Colorado American College of Emergency Medicine
Rocky Mountain Emergency Medicine Conference
Copper Mountain, CO 2003

"Bacterial Meningitis"
Colorado American College of Emergency Medicine
Rocky Mountain Emergency Medicine Conference
Copper Mountain, CO 2004

"Bacterial Meningitis"
Colorado American College of Emergency Medicine
Rocky Mountain Emergency Medicine Conference
Copper Mountain, CO 2005

International Invited Lectures
"Ultrasound and Helicopter EMS"
Interlaken, Switzerland 2002

Original Research National Presentations
"Use of the Gum Elastic Bougie as an Adjunct for Orotracheal Intubation in the Prehospital Setting"
National Association of EMS Providers Annual Meeting
Fort Meyers, FL 2001

"What is Appropriate Training Program for Introduction of Ultrasound in a Helicopter Program?"
Air Medical Transport Conference
Kansas City, 2002

"Ultrasound in Helicopter EMS"
SAEM Annual Meeting
Boston 2003

"The Role of Ultrasound in Current EMS"
Ambulance Medical Directors Conference
Breezy Point, MN 2003

"Assessment of the Amnestic Effects of Propofol during Procedural Sedation"
ACEP
Boston, 2003

"Validation of Bispectral Index Monitoring in Aeromedical Transport"
SAEM Annual Meeting
Orlando 2004

"Moderate vs. Deep Procedural Sedation for Fracture and Dislocation Reduction in the Emergency Department"
SAEM Annual Meeting
Orlando 2004

Original International Research Presentations
"Training and Experience of Ultrasound Use in Helicopter EMS"
Airmed 2002
Interlaken, Switzerland 2002

"Use of Endotracheal Tube Introducer as an Adjunct for Intubation in Critical Care Helicopter EMS"
Airmed 2002
Interlaken, Switzerland 2002

Peer Reviewed Publications

Rodgerson J, Heegaard W, Plummer D, Hicks J, Clinton J, and Sterner S. Emergency Department Right Upper Quadrant Ultrasound Is Associated with a Reduced Time to Diagnosis and Treatment of Ruptured Ectopic Pregnancies. *Academic Emergency Medicine* 2001 8: 331-336.

Miner J, Heegaard W, Mapes A, and Biros, Michelle. Presentation, Time to Antibiotics and Mortality of Patients at an Urban County Medical Center. *Journal of Emergency Medicine* 2001; 21:387-492.

Hick J, Rogerson J, Heegaard W, Sterner, S. Vital signs fail to correlate with hemoperitoneum from ruptured ectopic pregnancy. *American Journal of Emergency Medicine* 2001; 19: 488-491.

Dries, D., Frascione RJ, Molinari P, Heegaard W Pippert G, Reardon R. Does the ILMA make sense in HEMS. *Air Medical Journal* 2001 (5); 20: 35-37.

Biros, M, Heegaard W. Prehospital and resuscitative care of the head injured patient. Biros, M, Heegaard, W. *Current Opinion in Critical Care* 2001, 7: 444-449.

Miner J, Heegaard W, Plummer, D. End-tidal Carbon Dioxide Monitoring during Procedural Sedation. *Academic Emergency Medicine* 2002; 9: 275-280.

Heegaard W, Black C, Pasquerella C, Miner J. Use of Endotracheal Tube Introducer as an Adjunct for Oral Tracheal Intubation in the Prehospital Setting. *Air Medical Journal* 2003; 22 (1): 28-31.

Plummer D, Heegaard W, Dries D, Reardon R, Pippert G and RJ Frascione. Ultrasound in HEMS: Its role in differentiating shock states. *Air Medical Journal* 2003; 22(2): 33-36.

Miner J, Biros, M, Heegaard W, Plummer D. Bispectral Electroencephalographic analysis of patients undergoing procedural sedation in the emergency department. *Academic Emergency Medicine* 2003; 10:638-643.

James R. Miner, Michelle Biros, Susan Krieg, Christopher Johnson, William Heegaard, and David Plummer. Randomized Clinical Trial of Propofol Versus Methohexital for Procedural Sedation During Fracture and Dislocation Reduction in the Emergency Department. *Acad Emerg Med* 2003 10: 931-937.

Heegaard W, Plummer, D, Dries D, Frascione RJ, Pippert G, Steele, D, Clinton J. Ultrasound for the Air Medical Clinician. *Air Medical Journal* 2004; 23(2):20-23.

Book Chapters

Heegaard W, Biros, M, . Head Trauma.. *Emergency Medicine: Concepts and Clinical Practice*. Sixth Edition. Editors Marx, Hockberger, Walls. Elsevier Philadelphia 2005.

Heegaard WG, Baker C. Neurology in the Urgent Care Setting. Urgent Care Handbook. Editors: Biros Sterner, Vogel. Hanley and Belfus, Philadelphia, 2002.

Biros, M , Heegaard W. Head Trauma.. Emergency Medicine: Concepts and Clinical Practice. Fifth Edition.Editors Marx, Hockberger, Walls. Mosby, St. Louis. 2001.

Abstracts

Ellman C, Heegaard W., Pasquerella, C. Use of the Gum Elastic Bougie as an adjunct for Orotracheal Intubation in the Prehospital Setting . *Prehospital Emergency Care*. January 2001 5 (1):102

Miner J, Tibbles C, Rhead C, Heegaard WG, and Plummer D. End-tidal Carbon Dioxide Monitoring of Procedural Sedation. *Academic Emergency Medicine* 2001 8: 423b-424b.

Miner J, Krieg S, Johnson C, *Heegaard W*, and Plummer D. Propofol vs Methohexital for Procedural Sedation for Fracture and Dislocation Reduction
Acad Emerg Med 2002 9: 364-b-365-b

Heegaard, W, Plummer D, et al. Ultrasound in Helicopter EMS. *AEM* 2003; 10(5):449.

Fringer R, Heegaard, W, Miner J. Validation of Bispectral Index Monitoring in Aeromedical Transport.
AEM 2004 : 11:586-587.

Miner J, Huber D, Heegaard W, Biros M Moderate vs Deep Procedural Sedation for Fracture and dislocation Reduction in the Emergency Department. *AEM* 2004 : 11:488