

## **James Miner, MD**

**Assistant Professor – Department of Emergency Medicine, University of Minnesota  
Medical Director, Emergency Medicine Quality Assurance**

**E-Mail: [James.Miner@co.hennepin.mn.us](mailto:James.Miner@co.hennepin.mn.us)**

### **Current Professional Activities/Committees/Society Memberships**

#### **Professional Associations**

American College of Emergency Physicians  
Society of Academic Emergency Medicine  
American Medical Association  
Minnesota Medical Association  
Hennepin Medical Society  
American Pain Society

#### **Academic Appointments/Committees**

Assistant Professor, Department of Emergency Medicine, University of Minnesota School of Medicine  
Assistant Course Director, Research in Emergency Medicine, University of Minnesota School of Medicine  
Assistant Course Director, Basic Clinical Research, Bachelor of Emergency Health Services Program, U. of MN.

#### **Institutional Appointments/Committees**

Human Subjects Research Committee, Hennepin County Medical Center  
Infection Control Committee, Hennepin County Medical Center  
Procedural Sedation Policy Committee, Hennepin County Medical Center  
Performance Measurement and Improvement, Hennepin County Medical Center

#### **Departmental Appointments/Committees**

Medical Director for Quality Assurance, Department of Emergency Medicine, Hennepin County Medical Center  
Assistant Director of Research, Department of Emergency Medicine, Hennepin County Medical Center  
Co-Director, Summer Research Associate Program, Department of EM, Hennepin County Medical Center

#### **Regional**

American Heart Association, Stroke Think Tank

#### **Editorial Work**

Reviewer, *Annals of Emergency Medicine*  
Reviewer, *Academic Emergency Medicine*  
Reviewer, *Clinical Neurophysiology*  
Editorial Board, *Academic Emergency Medicine*  
Associate Editor, *Academic Emergency Medicine*

#### **Scholarly Activities**

##### **Research Awards**

EMF Resident Research Grant, Advisor to Mark Danahy, M.D., *Etomidate vs. Propofol for Procedural Sedation in the Emergency Department* Award, 5/2004-5/2005, \$5,000.

Unrestricted Research Grant from Glaxo Smith Kline, Principle Investigator, *Sumatriptan for the Treatment of Benign Headaches in the Emergency Department* Award 3/2003-12/2004, \$51,430.44

Research Grant from Ortho-McNeil, Site Principle Investigator *A Comparison of the Efficacy and Safety of Tramadol HCL/Acetaminophen Versus Hydrocodone Bitartrate/Acetaminophen Versus Placebo in Subjects with Acute Musculoskeletal Pain* Award 2/2003 – 12/2004, \$106,410.00

### **Original Research Presentations**

Miner JR, Bursell B, Smith S, Evans, C, Biros M: *Sumatriptan for the Treatment of the Spectrum of Headaches Presenting to the Emergency Department*. American Headache Society Scientific Meeting, Vancouver, BC June 2004

Miner JR, Bursell B, Smith S, Evans C, Biros M: *Sumatriptan for the Treatment of Benign Headaches in the Emergency Department* SAEM Annual Meeting, Orlando, Florida May 2004

Miner JR, Martel M, Meyer M, Reardon R: *Procedural Sedation of Critically Ill Patients in the Emergency Department* SAEM Annual Meeting, Orlando, Florida May 2004

Miner JR, Beltram M, Hubbard D: *Demographic Assessment of Pain the Emergency Department* SAEM Annual Meeting, Orlando, Florida, May 2004

Miner JR, Huber D, Heegaard W, Biros M: *Moderate vs. Deep Procedural Sedation for Fracture and Dislocation Reduction in the Emergency Department* SAEM Annual Meeting, Orlando, Florida, May 2004

Miner JR, Hick J, Kasak C: *Association Between Serum Bicarbonate and Urinalysis Findings in Dehydrated Children* ACEP Research Forum, Boston, MA, October 2003

Miner JR, Bachman A, Kosman L, Plummer D, Heegaard W, Biros M: *Assessment of the Amnestic Effects of Propofol During Procedural Sedation* ACEP Research Forum, Boston, MA, October 2003

Miner JR, Kruse S, Biros M: *Physician Perception of Drug Seeking Behavior and Ethnicity* ACEP Research Forum, Boston, MA, October 2003

Miner JR, Ross K, Biros M: *The Utility of the Bispectral Index in Procedural Sedation in the Emergency Department* SAEM Annual Meeting, May 2003

Miner JR, McCoy C, Biros M: *A Standardized Intoxication Scale vs. Breath Ethanol Level as a Predictor of Observation Time in the Emergency Department* SAEM Annual Meeting, May 2003

Miner JR, Krieg S, Heegaard W, Plummer D: *Propofol vs Methohexital for Procedural Sedation During Fracture and Dislocation Reduction in the Emergency Department* SAEM Scientific Assembly, May 2002.

Miner JR, McCoy C: *Use of a Standardized Sedation Scale in Intoxicated Patients in the Emergency Department* SAEM Scientific Assembly, May 2002

Miner JR, Friewald S, Haug E, Biros M: *Bispectral EEG Analysis of Pharmacologically Paralyzed Patients in the Emergency Department* SAEM Scientific Assembly, May 2002

Miner JR, Heegaard W, Plummer D: *End Tidal Carbon Dioxide Monitoring of Procedural Sedation* SAEM Scientific Assembly, May 2001

Miner JR, Fish S, Smith S, Biros M: *Droperidol vs. Prochlorperazine for the Treatment of Benign Headaches in the ED* ACEP Research Forum, October 2000

## **Textbook Chapters**

Miner JR: Psychiatric Urgencies. In Biro, Sterner, Vogel(eds). Handbook of Urgen Care Medicine, Hanley and Belfus, Philadelphia, 2002; 387-404

Miner JR: Sedatives and Hypnotics. In Marchovchek(ed): Emergency Medicine Secrets., Hanley and Belfus, Philadelphia, 2002

## **Journals**

Haug E, Miner JR, Danahy M, Seigel T, Biro M: Bispectral Electroencephalographic Analysis of Head-Injured Patients in the Emergency Department Acad Emerg Med 2004; 11: 4: 349-352

Miner JR, Friewald S, Haug E, Biro M: Bispectral Electroencephalogram Analysis of Pharmacologically Paralyzed Patients in the Emergency Department. Annals of Emerg Med 2004; 43(2): 293-294

Miner JR, Biro M, Krieg S, Johnson C, Heegaard W, Plummer D: Randomized Clinical Trial of Propofol vs. Methohexital for Procedural Sedation During Fracture and Dislocation Reduction in the Emergency Department. Acad Emerg Med 2003; 10(9): 931-37

Miner JR, Biro M, Heegaard W, Plummer D: Bispectral EEG Analysis of Patients Undergoing Procedural Sedation in the Emergency Department. Acad Emerg Med 2003; 10(4): 638-43

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

Ho JD, Conterato M, Mahoney B, Miner JR, Benson J: Successful Patient Outcome After Field Extremity Amputation and Cardiac Arrest. Prehospital Emerg Care 2003; 7(1): 149-53

Miner JR, Heegaard W, Plummer D: The use of End Tidal Carbon Dioxide for Emergency Department Procedural Sedation . Acad Emerg Med 2002; 9(4)

Miner JR, Heegaard W, Biro M: Presentation, Time to Antibiotics, and Mortality of Patients with Bacterial Meningitis at an Urban County Medical Center. J Emerg Med 2001; 21(4): 387-392

Miner JR, Fish S, Smith S, Biro M: Droperidol vs. Prochlorperazine for the Treatment of Benign Headaches. Acad Emerg Med 2001; 8(9): 873-879

Miner JR: The Pharmacological Management of Pain in the Emergency Department. The Resident Reporter 1999; 4(2): 49-56

Miner JR: Book Review PediaStat, Acad Emerg Med 7(4): 418

## **Abstracts**

Miner JR, Heegaard W, Plummer D: End Tidal Carbon Dioxide Monitoring of Procedural Sedation. Acad Emerg Med 2001; 8(5): 423

Miner JR, Martel M, Schraag L: The use of Procedural Sedation in the Emergency Department.: A Retrospective chart review. Ann Emerg Med 2001; 38(4)

Fringer R, Thacker J, Miner JR: The Outpatient Treatment of Soft Tissue Infections in the Emergency Department. Ann Emerg Med 2001; 38(4)

Miner JR: The use of End Tidal Carbon Dioxide and Bispectral Analysis in Procedural Sedation Research. Ann Emerg Med 2001; 38(4)

Miner JR, Krieg S, Heegaard W, Plummer D: Propofol vs. Methohexital for Procedural Sedation During Fracture and Dislocation Reduction in the Emergency Department. Acad Emerg Med 2002;9(5):364-65

Miner JR, McCoy C: Use of a Standardized Sedation Scale in Intoxicated Patients in the Emergency Department. Acad Emerg Med 2002;9(5):536

Miner JR, Friewald S, Haug E, Biros M: Bispectral EEG Analysis of Pharmacologically Paralyzed Patients in the Emergency Department. Acad Emerg Med 2002;9(5):405-06

Haug E, Miner JR, Danahy M, Biros M: Bispectral Analysis of Head Injured Patients as a Predictor of Traumatic Brain Injury. Acad Emerg Med 2003;10(5):439

Fringer R, Miner JR, Dombeck T, Seigel T, Ling L, Biros M: Bispectral EEG Analysis of Acute Overdose Patients. Acad Emerg Med 2003;10(5):439

Miner JR, Ross K, Biros M: The Utility of the Bispectral Index in Procedural Sedation in the Emergency Department. Acad Emerg Med 2003;10(5):440

Martel M, Miner JR, Sufka K, Fringer R, Clinton J, Biros M: Adverse Events Resulting from the Discontinuation of Prehospital Droperidol Use. Acad Emerg Med 2003;10(5):450

Martel M, Miner JR, Lashkowitz S, Danahy M, Clinton J, Biros M: QT Prolongation and Cardiac Arrhythmias Associated with Droperidol Use in Critical Emergency Department Patients. Acad Emerg Med 2003;10(5):510

Miner JR, McCoy C, Biros M: A Standardized Intoxication Scale vs. Breath Ethanol Level as a Predictor of Observation Time in the Emergency Department. Acad Emerg Med 2003;10(5):520

Miner JR, Hick J, Kasak C: Association Between Serum Bicarbonate and Urinalysis Findings in Dehydrated Children. Ann Emerg Med 2003;42(4):s24

Miner JR, Bachman A, Kosman L, Plummer D, Heegaard W, Biros M: Assessment of the Amnestic Effects of Propofol During Procedural Sedation. Ann Emerg Med 2003;42(4):s42

Miner JR, Kruse S, Biros M: Physician Perception of Drug Seeking Behavior and Ethnicity. Ann Emerg Med 2003;42(4):s67

Thacker J, Miner JR, Biros M: Droperidol vs. Metoclopramide for the Treatment of Nausea. Ann Emerg Med 2003;42(4):s26

Lindgren K, Miner JR, Biros M: Correlation of Heart Rate and Systolic Blood Pressure with Reported Pain. Ann Emerg Med 2003;42(4):s41

Miner JR, Bursell B, Smith S, Evans C, Biros M: Sumatriptan for the Treatment of the Spectrum of Headaches Presenting to the Emergency Department. Am Headache Society Scientific Meeting, Vancouver, BC, June 2004

Miner JR, Bursell B, Smith S, Evans C, Biros M: Sumatriptan for the Treatment of Benign Headaches in the Emergency Department. SAEM Annual Meeting, Orlando, Florida, May 2004

Miner JR, Martel M, Meyer M, Reardon R: Procedural Sedation of Critically Ill Patients in the Emergency Department. SAEM Annual Meeting, Orlando, Florida, May 2004

Miner JR, Beltram M, Hubbard D: Demographic Assessment of Pain in the Emergency Department. SAEM Annual Meeting, Orlando, Florida, May 2004

Miner JR, Huber D, Heegaard W, Biros M: Moderate vs. Deep Procedural Sedation for Fracture and Dislocation Reduction in the Emergency Department. SAEM Annual Meeting, Orlando, Florida, May 2004

Fringer R, Heegaard W, Miner JR: Validation of Bispectral Index Monitoring in Aeromedical Transport. SAEM Annual Meeting, Orlando, Florida, May 2004

Gaetz A, Miner JR, Biros M: Breath Alcohol, Bispectral Index, and a Standardized Scale as Predictors of Observation Time for Intoxicated Patients. SAEM Annual Meeting, Orlando, Florida, May 2004

Martel M, Miner JR, Sterzinger A, Clinton J, Biros M: Droperidol, Ziprasidone, and Midazolam for Sedation of Acute Undifferentiated Agitation in the Emergency Department: A Randomized, Double Blinded Trial. SAEM Annual Meeting, Orlando, Florida, May 2004