

Evidence-Based Emergency Medicine 2008 – 2009 Summary

Month	Articles	Attending Residents	Topic
July	Introduction to New Research Methods Curriculum Systematic Reviews	Haukoos / Lowenstein	
August	1. Masip J, Roque M, Sanchez B, et al. Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis. JAMA. 2005;294:3124-30. 2. Gray A, Goodacre S, Newby DE, et al. Noninvasive ventilation in acute cardiogenic pulmonary edema. N Engl J Med. 2008;359:142-51. 3. Vital FM, Saconato H, Ladeira MT, et al. Non-invasive positive pressure ventilation for cardiogenic pulmonary edema. Cochrane Database Syst Rev. Issue 3, 2008. Chichester:Wiley. DOI CD005351.	Haukoos Mathieson Guth	Experimental methods
September	1. Di Nisio M, Squizzato A, Rutjes AW, et al. Diagnostic accuracy of D-dimer test for exclusion of venous thromboembolism: a systematic review. J Thromb Haemost. 2007;5:296-304. 2. Kearon C, Ginsberg JS, Douketis J, et al. An evaluation of D-dimer in the diagnosis of pulmonary embolism. Ann Intern Med. 2006;144:812-21. 3. Kline JA, Runyon MS, Webb WB, et al. Prospective study of the diagnostic accuracy of the simplify D-dimer assay for pulmonary embolism in emergency department patients. Chest. 2006;129:1417-23.	Heard Cleveland Digeronimo	Different designs for different questions
October	1. Andersen HR, Nielsen TT, Rasmussen K, et al. A comparison of coronary angioplasty with fibrinolytic therapy in acute myocardial infarction. N Engl J Med. 2003;349:733-42. 2. Dalby M, Bouzamondo A, Lechat P, et al. Transfer for primary angioplasty versus immediate thrombolysis in acute myocardial infarction: a meta-analysis. Circulation. 2003;108:1809-14. 3. Widimsky P, Bilkova D, Penicka M, et al. Long-term outcomes of patients with acute myocardial infarction presenting to hospitals without catheterization laboratory and randomized to	Byyny Erickson Krier	Counterfactual ideal

	immediate thrombolysis or interhospital transport for primary percutaneous coronary intervention. Eur Heart J. 2007;28:679-84.		
November	1. Livingston DH, Lavery RF, Passannante MR, et al. Admission or Observation Is Not Necessary after a Negative Abdominal Computed Tomographic Scan in Patients with Suspected Blunt Abdominal Trauma: Results of a Prospective, Multi-institutional Trial. J Trauma. 1998;44:273-282. 2. Stuhlfaut JW, Soto JA, Lucey BC, et al. Blunt abdominal trauma: performance of CT without oral contrast material. Radiology. 2004;233:689-94.	Lowenstein Ledges Davis	
December	1. Magee KD, Campbell SG, Moher D, et al. Heparin versus placebo for acute coronary syndromes. Cochrane Database Syst Rev. Issue 4, 2008. Chichester:Wiley. DOI CD003462. 2. Theroux P, Ouimet H, McCans J, et al. Aspirin, heparin, or both to treat acute unstable angina. N Engl J Med. 1988;319:1105-11. 3. Walsh CR, Lloyd-Jones DM, Camargo CA, et al. Clinical trials of unfractionated heparin and low-molecular-weight heparin in addition to aspirin for the treatment of unstable angina pectoris: do the results apply to all patients? Am J Cardiol. 2000;86:908-12.	Wolf Ambrose Hatten	Efficacy versus effectiveness
January	1. Smilkstein MJ, Knapp GL, Kulig KW. Efficacy of oral N-acetylcysteine in the treatment of acetaminophen overdose. N Engl J Med. 1988;319:1557-1562. 2. Rothwell PM, Giles MF, Flossmann E, et al. A simple score (ABCD) to identify individuals at high early risk of stroke after transient ischaemic attack. Lancet. 2005;366:29-36. 3. Tsvigoulis G, Spengos K, Manta P, et al. Validation of the ABCD score in identifying individuals at high early risk of stroke after a transient ischemic attack: a hospital-based case series study. Stroke. 2006;37:2892-2897.	Heard Klug Witt	Prognosis
February	1. Sakles JC, Laurin EG, Rantapaa AA, et al. Airway management in the emergency department: a one-year study of 610 tracheal intubations. Ann Emerg Med. 1998;31:325-32. 2. Schow AJ, Lubarsky DA, Olson RP, et al. Can succinylcholine be used safely in hyperkalemic patients? Anesth Analg. 2002;95:119-22. 3. Perry JJ, Lee JS, Sillberg VA, et al. Rocuronium	Haukoos Armstrong Pepper	Heterogeneity in systematic reviews / subgroups

	versus succinylcholine for rapid sequence induction intubation. Cochrane Database Syst Rev. Issue 4, 2008. Chichester:Wiley. DOI CD002788.		
March	1. Blackmore CC, Ramsey SD, Mann FA, et al. Cervical spine screening with CT in trauma patients: a cost-effectiveness analysis. Radiology. 1999;212:117-25. 2. Griffen MM, Frykberg ER, Kerwin AJ, et al. Radiographic clearance of blunt cervical spine injury: plain radiograph or computed tomography scan? J Trauma. 2003;55:222-7.	Wolf Spaulding Devey	Framing the clinical question
April	1. Hollander JE, Chang AM, Shofer FS, et al. Coronary computed tomographic angiography for rapid discharge of low-risk patients with potential acute coronary syndromes. Ann Emerg Med. 2009;53:295-304. 2. Athappan G, Habib M, Ponniah T, et al. Multi-detector computerized tomography angiography for evaluation of acute chest pain – A meta analysis and systematic review of the literature. Int J Card. 2008; in press, online January 2009.	Ginde / Maloo French Thompson	
May	1. Mayer SA, Brun NC, Begtrup K, et al. Recombinant activated factor VII for acute intracerebral hemorrhage. N Engl J Med. 2005;352:777-85. 2. Mayer SA, Brun NC, Begtrup K, et al. Efficacy and safety of recombinant activated factor VII for acute intracerebral hemorrhage. N Engl J Med. 2008;358:2127-37. 3. Mayer SA, Davis SM, Skolnick BE, et al. Can a subset of intracerebral hemorrhage patients benefit from hemostatic therapy with recombinant activated factor VII? Stroke. 2009;40:833-40.	Ginde Mendenhall Spaulding	
June	1. Soares-Weiser K, Brezis M, Tur-Kaspa R, et al. Antibiotic prophylaxis for cirrhotic patients with gastrointestinal bleeding. Cochrane Database Syst Rev. Issue 2, 2009 Chichester:Wiley. DOI CD002907. 2. Gotzsche PC, Hrobjartsson A. Somatostatin analogues for acute bleeding oesophageal varices. Cochrane Database Syst Rev. Issue 2, 2009, Chichester: Wiley. DOI CD000193. 3. The National Institute of Neurological Disorders and Stroke rt-PA Stroke Study Group. Tissue plasminogen activator for acute ischemic stroke. N Engl J Med. 1995;333:1581-7.	Byyny Edwards Zieske	

