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MJ Vermeulen, TA Stukel, A Guttman, BH Rowe, M Zwarenstein, B Golden, A Nigam, G Anderson, RS Bell, MJ Schull, for the ED Investigator Team

What question this study addressed: Can an emergency department (ED) process improvement program based on lean principles improve ED efficiency? *What this study adds to our knowledge:* The lean intervention was not associated with a marginal decrease in ED length of stay compared with broader system-wide interventions.

439 EMTALA and Patients With Psychiatric Emergencies: A Review of Relevant Case Law (Brief Research Report)

RA Lindor, RL Campbell, JM Pines, GJ Melin, AM Schipper, DG Goyal, AT Sadosty

What question this study addressed: This structured review of case decisions published in common legal databases describes the frequency and outcomes of psychiatric-related Emergency Medical Treatment and Labor Act (EMTALA) claims in the 26 years since EMTALA's enactment. *What this study adds to our knowledge:* Only 33 psychiatric-related EMTALA case decisions have been published since 1986. Only 2 cases are known to have been decided against the provider.


446 Emergency Department Hospitalization Volume and Mortality in the United States (Original Research)


KE Kocher, AN Haggins, AK Sabbatini, K Sauser, AL Sharp


What question this study addressed: What is the association between emergency department (ED) volume and survival for 8 high-acuity conditions such as congestive heart failure and sepsis? *What this study adds to our knowledge:* In this administrative database study, higher volume was associated with lower rates of mortality for all conditions except pneumonia. However, data are insufficient to explain whether the effect is due to ED volume or an associated covariate.

458 Using Healthcare Cost and Utilization Project (HCUP) Data for Emergency Medicine Research (Editorial)

R Mutter, C Stocks

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🔊 **461 Addressing WHO Resolution 60.22: A Pilot Project to Create Access to Acute Care Services in Uganda** (Concepts)

H Hammerstedt, S Maling, R Kasyaba, B Dreifuss, S Chamberlain, S Nelson, M Bisanzo, I Ezati

The World Health Organization's 2007 Resolution 60.22 tasked the global health community to address the lack of emergency care in low- and middle-income countries. Little progress has yet been made in integrating emergency care into most low- and middle-income-country health systems. At a rural Ugandan district hospital, however, a collaborative between a nongovernmental organization and local and national stakeholders has implemented an innovative emergency care training program. We describe the use of task shifting in general hospital-based emergency care through creation of a new nonphysician clinician cadre, the emergency care practitioner.

PAIN MANAGEMENT AND SEDATION

🔊 **469 Lack of Association Between Press Ganey Emergency Department Patient Satisfaction Scores and Emergency Department Administration of Analgesic Medications** (Original Research)

TM Schwartz, M Tai, KM Babu, RC Merchant

What question this study addressed: This secondary data analysis examined the association of pain management practices, including opioid prescribing, with patient satisfaction survey measures in 2 New England emergency departments. *What this study adds to our knowledge:* After controlling for other factors, patient satisfaction, as assessed through 1 commercially available survey, was not associated with the administration of analgesics, including opioid analgesics.

FREE 🔊 **482 How Do Physicians Adopt and Apply Opioid Prescription Guidelines in the Emergency Department? A Qualitative Study** (Original Research)

AS Kilaru, SM Gadsden, J Perrone, B Paciotti, FK Barg, ZF Meisel

What question this study addressed: This qualitative study of emergency physicians attempted to gain insight into the adoption, use, and perceived relevance of opioid-prescribing guidelines. *What this study adds to our knowledge:* Most of the 61 participants had a positive perspective on the intent and role of such guidelines and used them most commonly as communication tools with patients.

🔊 **490 The Opioid Prescription Epidemic and the Role of Emergency Medicine** (Residents' Perspective)

SJ Poon, MB Greenwood-Ericksen

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🔊 **496 Statewide Regionalization of Postarrest Care for Out-of-Hospital Cardiac Arrest: Association With Survival and Neurologic Outcome** (Original Research)

DW Spaite, BJ Bobrow, U Stolz, RA Berg, AB Sanders, KB Kern, V Chikani, W Humble, T Mullins, JS Stapczynski, GA Ewy, for the Arizona Cardiac Receiving Center Consortium

What question this study addressed: Does regionalization of postarrest care improve out-of-hospital cardiac arrest outcomes? *What this study adds to our knowledge:* In this before-after analysis, a statewide strategy of EMS bypass to specialized postarrest care centers resulted in improved neurologically intact out-of-hospital cardiac arrest survival.

🔊 **507 Improving Postarrest Care Through Evidence-Based Common Sense** (Editorial)

MC Kurz, HE Wang

🔊 **509 Out-of-Hospital Stroke Screen Accuracy in a State With an Emergency Medical Services Protocol for Routing Patients to Acute Stroke Centers** (Original Research)

AW Asimos, S Ward, JH Brice, WD Rosamond, LB Goldstein, J Studnek

What question this study addressed: How well do 2 out-of-hospital scoring systems perform when seeking to identify patients with and without acute stroke? *What this study adds to our knowledge:* In a retrospective analysis of 1,217 patients assessed with the Cincinnati Prehospital Stroke Scale and another 1,225 assessed with the Los Angeles Prehospital Stroke Screen, neither had adequate sensitivity (80% and 74%, respectively) or sensitivity (48% each) for detecting acute stroke.

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