Western Journal of Emergency Medicine
Integrating Emergency Care with Population Health

HEALTHCARE UTILIZATION
206 Necessity of Lumbar Punction in Patients Presenting with New Onset Complex Febrile Seizures
   EM Flether, G Sharieff

212 Abnormal Arterial Blood Gas and Serum Lactate Levels Do Not Alter Disposition in Adult Blunt
   Trauma Patients After Early Computed Tomography
   T Vohra, J Paxton

218 Oral and Intravenous Acetylcysteine for Treatment of Acetaminophen Toxicity: A Systematic
   Review and Meta-analysis
   JL Green, KJ Heard, KM Reynolds, D Albert

227 Financial Implication for Physicians Accepting Higher Level of Care Transfers
   ML Langdorf, S Lee, MD Menchine

ENDEMIC INFECTIONS
233 Pneumothorax in Liberia: Complications of Tuberculosis
   DB Grossman, E Nasrallah

236 Computer Simulation as a Tool for Assessing Decision-Making in Pandemic Influenza
   Response Training
   JM Leaming, S Adoff, TE Terndrup

SOCIETAL IMPACT ON EMERGENCY CARE
243 Ten Years of Frequent Users in an Urban Emergency Department
   GB Martin, SA Stokes-Buzzelli, JM Peltzer-Jones, LR Schultz

247 Prescription History of Emergency Department Patients Prescribed Opioids
   JA Hoppe, J Houghland, M Yaron, K Heard

253 Hunger and Food Insecurity among Patients in an Urban Emergency Department
   JR Miner, B Westgard, TD Olives, R Patel, M Biros

Contents continued on page ii
JOURNAL FOCUS

Emergency medicine is a specialty which closely reflects societal challenges and consequences of public policy decisions. The emergency department specifically deals with social injustice, health and economic disparities, violence, substance abuse, and disaster preparedness and response. This journal focuses on how emergency care affects the health of the community and population, and conversely, how these societal challenges affect the composition of the patient population who seek care in the emergency department. The development of better systems to provide emergency care, including technology solutions, is critical to enhancing population health.

Table of Contents

continued

263 Evaluation of California’s Alcohol and Drug Screening and Brief Intervention Project for Emergency Department Patients
SI Woodruff, K Eisenberg, CT McCabe, JD Clapp, M Hohman

271 Vital Signs: Fatalities and Binge Drinking Among High School Students: A Critical Issue to Emergency Departments and Trauma Centers
S Lotfipour, V Cisneros, B Chakravarthy

TECHNOLOGY IN EMERGENCY MEDICINE
275 Are Simulation Stethoscopes a Useful Adjunct for Emergency Residents’ Training on High-fidelity Mannequins?
SJ Warrington, MS Beeson, FL Fire

278 Rapid 13C Urea Breath Test to Identify Helicobacter pylori Infection in Emergency Department Patients with Upper Abdominal Pain
AC Meltzer, R Pierce, DA Cummings, JM Pines, L May, MA Smith, J Marcotte, ML McCarthy

Online Manuscripts
(Full text manuscripts available open access at http://escholarship.org/uc/uciem_westjem)

TECHNOLOGY IN EMERGENCY MEDICINE
283 Evaluation of a New Noninvasive Device in Determining Hemoglobin Levels in Emergency Department Patients
T Knutson, D Della-Giustina, E Tomich, B Wills, E Luerssen, P Reynolds

POPULATION HEALTH RESEARCH DESIGN
287 Predictors of Successful Telephone Contact After Emergency Department-based Recruitment into a Multicenter Smoking Cessation Cohort Study
AA Ginde, AF Sullivan, SL Berstein, CA Camargo Jr., ED Boudreaux

PREHOSPITAL CARE
296 Safety and Efficacy of Prehospital Diltiazem
JH Luk, B Walsh, P Yasbin