

# THE AMERICAN JOURNAL *of* MEDICINE®

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*Although their use is increasing, the short- and long-term health effects of e-cigarettes is unknown. Additionally, these devices are not regulated, and virtually anyone with a form of online payment can buy them.*

- 682 **Ebola Virus Disease: A Perspective for the United States**  
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*Ebola virus caused an epidemic of unprecedented extension in West Africa. Graphic news images of the deadly outbreak sparked worldwide concern about control. This article reviews the etiology, pathogenesis, transmission, clinical manifestations, diagnosis, treatment and prevention of the disease.*

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0002-9343(201507)128:7;1-D

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**707 Apparent Treatment-resistant Hypertension Among Individuals with History of Stroke or Transient Ischemic Attack**

Virginia J. Howard, Rikki M. Tanner, Aaron Anderson, Marguerite R. Irvin, David A. Calhoun, Daniel T. Lackland, Suzanne Oparil, and Paul Muntner

*Blood pressure control is a paramount goal in secondary stroke prevention. High prevalence of uncontrolled blood pressure and use of multiple antihypertensive medication classes in stroke patients suggest this goal is not being met.*

**715 Beta-blocker Use and 30-day All-cause Readmission in Medicare Beneficiaries with Systolic Heart Failure**

Vikas Bhatia, Navkaranbir S. Bajaj, Kumar Sanam, Taimoor Hashim, Charity J. Morgan, Sumanth D. Prabhu, Gregg C. Fonarow, Prakash Deedwania, Javed Butler, Peter Carson, Thomas E. Love, Raya Kheirbek, Wilbert S. Aronow, Stefan D. Anker, Finn Waagstein, Ross Fletcher, Richard M. Allman, and Ali Ahmed

*Among hospitalized older patients with systolic heart failure, discharge prescription of beta-blockers was associated with lower 30-day all-cause mortality without higher 30-day readmission.*

**722 Peripherally Inserted Central Catheter-associated Deep Vein Thrombosis: A Narrative Review**

Nabil Fallouh, Helen M. McGuirk, Scott A. Flanders, and Vineet Chopra

*Peripherally inserted central catheter-related deep vein thrombosis is common, costly and morbid. Available evidence provides guidance for diagnosis, treatment and prevention of this condition.*

**739 Antidepressant Use and Cognitive Decline: The Health and Retirement Study**

Jane S. Saczynski, Allison B. Rosen, Ryan J. McCammon, Kara Zivin, Susan E. Andrade, Kenneth M. Langa, Sandeep Vijan, Paul A. Pirraglia, and Becky A. Briesacher

*Depression has been associated with cognitive impairment and dementia, but the role that antidepressants play in reducing the risk for cognitive decline has been unclear. This study showed that antidepressant use did not modify cognitive change over a 6-year period.*

**747 Predictive Value of Computed Tomography in Acute Pulmonary Embolism: Systematic Review and Meta-analysis**

Felix G. Meinel, John W. Nance, Jr, U. Joseph Schoepf, Verena S. Hoffmann, Kolja M. Thierfelder, Philip Costello, Samuel Z. Goldhaber, and Fabian Bamberg

*The diameter ratio of right to left ventricle should be routinely reported in CT pulmonary angiographies positive for acute pulmonary embolism. Patients with a ratio  $\geq 1.0$  should be considered to have an increased risk for all-cause mortality and a 5-fold risk for pulmonary-embolism-related mortality.*

**760 Thirty-day Hospital Readmissions in Patients with Non-ST-segment Elevation Acute Myocardial Infarction**

Mayra Tisminetzky, David D. McManus, Nathaniel Erskine, Jane S. Saczynski, Jorge Yarzebski, Edgard Granillo, Joel Gore, and Robert J. Goldberg

*Thirty-day hospital readmission rates after non-ST-segment elevation acute myocardial infarction (NSTEMI) remained stable from 1999 to 2009. More than one half of NSTEMI patients were readmitted for a cardiovascular disease related reason.*

**766 Late Consequences of Acute Coronary Syndromes: Global Registry of Acute Coronary Events (GRACE) Follow-up**

Sami M.A. Alnasser, Wei Huang, Joel M. Gore, Ph. Gabriel Steg, Kim A. Eagle, Frederick A. Anderson, Jr, Keith A.A. Fox, Enrique Gurfinkel, David Brieger, Werner Klein, Frans van de Werf, Álvaro Avezum, Gilles Montalescot, Dietrich C. Gulba, Andrzej Budaj, Jose Lopez-Sendon, Christopher B. Granger, Brian M. Kennelly, Robert J. Goldberg, Emily Fleming, and Shaun G. Goodman; the GRACE Investigators

*In a large multinational cohort of acute coronary syndrome patients, post-discharge follow-up of >19,000 acute coronary syndrome patients revealed that 1 in 14 patients died by 2 years.*

**776 Substantial Discrepancy Between Fluid and Weight Loss During Acute Decompensated Heart Failure Treatment**

Jeffrey M. Testani, Meredith A. Brisco, Robb D. Kociol, Daniel Jacoby, Lavanya Bellumkonda, Chirag R. Parikh, Steven G. Coca, and W.H. Wilson Tang

*Considerable discrepancy between fluid balance and weight loss is common in patients treated for acute decompensated heart failure. Awareness of the limitations inherent to these commonly used metrics and efforts to develop more reliable measures of diuresis are critical.*

 **AJM ONLINE**

Please note that articles with an “e” page designation are available only in the online version of the Journal at [www.amjmed.com](http://www.amjmed.com).

**CLINICAL RESEARCH STUDIES**

**784.e1 Etiology of Pericarditis in a Prospective Cohort of 1162 Cases**

Frédérique Gouriet, Pierre-Yves Levy, Jean-Paul Casalta, Christine Zandotti, Frédéric Collart, Hubert Lepidi, Jennifer Cautela, Jean Louis Bonnet, Franck Thuny, Gilbert Habib, and Didier Raoult

*This study reveals that post-injury syndrome was the leading cause of pericarditis (21%), a new diagnosis was made in 6.7% of cases, and 16% of the diagnoses were linked to a secondary, underlying disease.*

**784.e9 A Brief Patient Self-administered Substance Use Screening Tool for Primary Care: Two-site Validation Study of the Substance Use Brief Screen (SUBS)**

Jennifer McNeely, Shiela M. Strauss, Richard Saitz, Charles M. Cleland, Joseph J. Palamar, John Rotrosen, and Marc N. Gourevitch

*Substance use screening is widely encouraged. The Substance Use Brief Screen (SUBS) was developed as a brief, self-administered instrument to identify unhealthy use of tobacco, alcohol, illicit drugs, and prescription drugs. The SUBS was feasible for self-administration and generated valid results.*

**CLINICAL COMMUNICATIONS TO THE EDITOR**

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