In This Issue of JAMA

Research

Vasodilation for Acute Heart Failure 2292

It is unclear whether early, aggressive vasodilation is beneficial for most patients with acute heart failure (AHF). Kozhuharov and colleagues for the GALACTIC Investigators randomized 788 patients with AHF and found that a strategy of early intensive and sustained vasodilation, compared with usual care, did not significantly improve a composite outcome of all-cause mortality and AHF rehospitalization at 180 days. In an Editorial, Curfman discusses the clinical management of acute decompensated heart failure with and without systemic hypertension.

Rapid Sequence Induction for Emergency Tracheal Intubation 2303

Neuromuscular blocking agents improve overall intubating conditions and first-attempt success rates in patients requiring emergency endotracheal intubation. A trial by Guihard and colleagues randomized 1248 patients undergoing endotracheal intubation and failed to demonstrate noninferiority for the success rate of rocuronium, compared with succinylcholine, for first intubation in patients receiving emergency intubation.

Transcarotid Artery Revascularization 2313

The technique of transcarotid artery revascularization with flow reversal was developed to decrease the risk of stroke associated with transfemoral carotid artery stenting. Schermerhorn and colleagues analyzed data for 11 891 patients undergoing treatment for carotid stenosis and found that transcarotid artery revascularization, compared with transfemoral carotid artery stenting, was significantly associated with a lower risk of in-hospital stroke or death.

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Clinical Review & Education

Does This Patient Have Hip Osteoarthritis?  

Patients with osteoarthritis of the hip may benefit from weight loss, physiotherapy, intra-articular injections, or total hip replacement. This article in the JAMA Rational Clinical Examination series by Metcalfe and colleagues reviews the clinical diagnosis of hip osteoarthritis.

Coronary Microvascular Dysfunction  

Many women with persistent symptoms and signs of ischemia have no evidence of obstructive coronary artery disease on angiography. This JAMA Insights article by Wei and colleagues discusses the diagnosis and treatment of coronary microvascular dysfunction.

JAMA Patient Page  

Testing for Coronary Microvascular Dysfunction

NEWS & ANALYSIS

Medical News & Perspectives  

Heritage Diets and Culturally Appropriate Dietary Advice May Help Combat Chronic Diseases

Quick Uptakes  

Study Clarifies Cancer Risk Among People With Psoriasis

The JAMA Forum  

Making Health Care More Productive

Global Health  

WHO Takes Aim at Noncommunicable Diseases and Traffic Injuries

Poliovirus Type 3 Is Eradicated

Widespread Blood Shortages Threaten Global Public Health

News From the FDA  

New Therapy for Rare Anemia

Test for HIV Drug–Resistance Mutations

Update on Biotin Interference With Troponin Tests

Point-of-Care Urine Pregnancy Tests  

This JAMA Diagnostic Test Interpretation article by Latifi and colleagues presents a 40-year-old woman with abdominal pain, constipation, and amenorrhea whose point-of-care urine human chorionic gonadotropin test result was negative for pregnancy. What would you do next?

Audio Interview: Howard Bauchner, MD, summarizes and comments on this week’s issue.

Author Audio Interview: Mark D. Huffman, MD, MPH, author of “Implementation Strategies for Cardiovascular Polypills”

Visual Abstract: “Effect of Rocuronium vs Succinylcholine on Endotracheal Intubation Success Rate Among Patients Undergoing Out-of-Hospital Rapid Sequence Intubation: A Randomized Clinical Trial” and “Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure: The GALACTIC Randomized Clinical Trial”

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