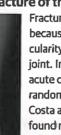
# In This Issue of JAMA

November 14, 2017 Volume 318, Number 18 Pages 1729-1840

## Research

# Surgery for Displaced Fracture of the Distal Tibia



Fractures of the distal tibia are difficult to manage because of limited soft tissue coverage, poor vascularity, and proximity of the fracture to the ankle joint. In a randomized trial of 321 adult patients with acute displaced fractures of the distal tibia who were randomized to nail fixation or locking plate fixation. Costa and colleagues for the FixDT trial investigators found no difference in disability at 6 months.

■ CME jamanetwork.com/learning

# **Prepregnancy Body Mass Index and Severe Maternal Morbidity**

In the United States, half of pregnant women are overweight or obese. Lisonkova and colleagues conducted a retrospective population-based cohort study of all singleton hospital births in Washington State and found that low and high prepregnancy body mass index. compared with normal body mass index, were associated with statistically significant but small absolute increases in severe maternal morbidity or mortality. In an Editorial, Caughey discusses approaches to the prevention of obesity and the clinical management of pregnant women who are obese.

Editorial 1765

**■ CME** jamanetwork.com/learning

# **Prediction of Advanced Chronic Kidney Disease**

Acute kidney injury is usually reversible, but some patients have accelerated loss of kidney function. James and colleagues derived and validated a predictive model for progression of acute kidney injury to advanced chronic kidney disease in 2 population-based cohorts of 9973 patients with a prehospitalization estimated glomerular filtration rate of greater than 45 mL/min/1.73 m<sup>2</sup>. A multivariable model using routine laboratory data predicted advanced chronic kidney disease following hospitalization with acute kidney injury.

#### Humanities

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1765 Prepregnancy Obesity and Severe Maternal Morbidity: What Can Be Done? **AB Caughey** 

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# Research (continued)

# **Immunotherapy for Patients With Peanut Sensitivity**

1798

Peanut allergy is the most common cause of food-induced anaphylactic reaction in the United States. In a randomized trial of 221 patients with peanut sensitivity, Sampson and colleagues found that a 250-µg patch of peanut protein applied daily to the surface of the skin for 12 months resulted in significant treatment response vs placebo.

#### **Clinical Review & Education**

# **Does This Patient Have Acute Mountain Sickness?**

1810

Acute mountain sickness affects otherwise healthy persons who ascend rapidly to high elevation. This article in the JAMA Rational Clinical Examination series by Meier and colleagues reviews the clinical diagnosis of acute mountain sickness.

✓ JAMA Patient Page 1840

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# **Interpreting Studies With Composite Disease Outcomes**

1820

Combining several disease outcomes Into a single composite end point can simplify the evaluation of disease-modifying therapies. In this JAMA Guide to Statistics and Methods, Irony discusses the strengths and limitations of composite end points in studies of diseases with multiple clinically important outcomes.

# A Stem Cell Transplant Recipient With a Red Rash

1822



This JAMA Clinical Challenge by Shi and colleagues presents a 66-year-old man with multiple myeloma who developed fever and a pruritic, blanching skin eruption after hematopoietic stem cell transplantation. What would you do next?

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# Editor's Audio Summary

Edward H. Livingston, MD, summarizes and comments on this week's issue.

# Research Ethics Site

Important documents and discussions of ethical principles are available at sites, jamanetwork.com/research-ethics

# **Animated Summary Video**



Epicutaneous Immunotherapy vs Placebo on Peanut Protein Exposure Reaction

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