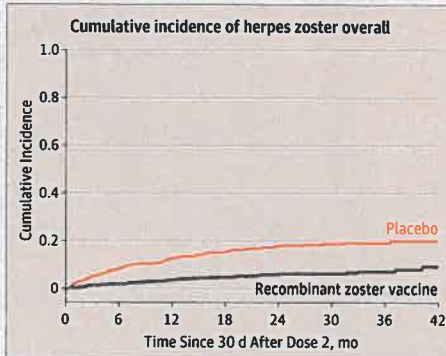


Research

Herpes Zoster Prophylaxis for Stem Cell Transplantation 123



Live-attenuated vaccines are contraindicated for patients with diminished T-cell immunity resulting from autologous hematopoietic stem cell transplantation (HSCT). Bastidas and colleagues for the ZOE-HSCT Study Group Collaborators randomized 1846 adults who had recently undergone HSCT and found that a 2-dose course of a recombinant zoster vaccine reduced the incidence of herpes zoster over a median follow-up of 21 months.

Endoscopic Myotomy vs Pneumatic Dilatation for Achalasia 134

Endoscopic pneumatic dilatation is the most commonly performed treatment for achalasia, but it has a moderate risk of treatment failure. Ponds and colleagues randomized 133 adults with newly diagnosed achalasia and found that peroral endoscopic myotomy, compared with pneumatic dilatation, resulted in a significantly greater 2-year treatment success rate. In an Editorial, Jacobson and Lichtenstein suggest that the adoption of peroral endoscopic myotomy as a first-line therapy for achalasia may depend on the durability of response and the reimbursement value of the procedure.

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Cannabis and Preterm Birth 145

Some studies have suggested that cannabis use during pregnancy may be associated with adverse birth outcomes. Corsi and colleagues conducted a population-based retrospective cohort study of 661 617 women and found that reported cannabis use was independently associated with an increased risk of preterm birth. In an Editorial, Silverstein and colleagues suggest that discussions of cannabis use during pregnancy should avoid disparaging statements about expectant mothers and their social environments.

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Clinical Review & Education

Subclinical Hypothyroidism

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Subclinical hypothyroidism is a risk factor for heart disease and cognitive impairment, but levothyroxine therapy can result in iatrogenic thyrotoxicosis. Biondi and colleagues discuss the management of subclinical hypothyroidism, which varies by age of the patient.

■ Author Audio Interview jama.com CME jamanetwork.com/learning

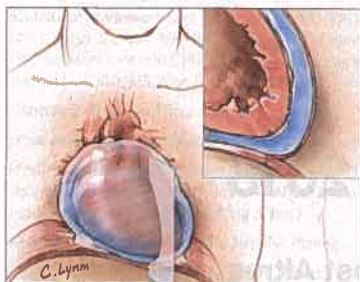
Prevention of Sudden Cardiac Death

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In this JAMA Clinical Guidelines Synopsis of a 2017 guideline developed by the American College of Cardiology, American Heart Association, and Heart Rhythm Society, Beaser and colleagues discuss the clinical management of patients with ventricular arrhythmias or other risk factors for sudden cardiac death.

A Man With Pericardial Effusion

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This JAMA Diagnostic Test Interpretation article by Chau and colleagues presents a 65-year-old man with a pericardial effusion who started empirical treatment for tuberculosis. A test of his pericardial fluid showed an elevated level of adenosine deaminase. What would you do next?

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Editor's Audio Summary

Howard Bauchner, MD, summarizes and comments on this week's issue.

Visual Abstract

"Effect of Peroral Endoscopic Myotomy vs Pneumatic Dilation on Symptom Severity and Treatment Outcomes Among Treatment-Naive Patients With Achalasia: A Randomized Clinical Trial"

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Anne R. Cappola, MD, ScM, author of "Subclinical Hypothyroidism: A Review"

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