

Research

Complications of Treatments for Gestational Diabetes 1773

Oral glyburide is a less burdensome therapy for gestational diabetes than subcutaneous insulin, but glyburide may increase the risk of neonatal morbidity. Sénat and colleagues for the Groupe de Recherche en Obstétrique et Gynécologie randomized 914 patients with gestational diabetes and failed to show that glyburide is as safe as insulin. In an Editorial, Coustan and Barbour suggest that additional research on glyburide dosing is needed.

Editorial 1769

First-Line Treatments for Urinary Tract Infection 1781

The emergence of antimicrobial resistance has led to the increased use of older antibiotics of uncertain efficacy. Huttner and colleagues randomized 513 women with symptoms of lower urinary tract infection and found that nitrofurantoin for 5 days, compared with single-dose fosfomicin, was more likely to achieve a complete clinical response. In an Editorial, Datta and Juthani-Mehta suggest that nitrofurantoin may be the agent of choice for uncomplicated urinary tract infection, but new drugs for resistant uropathogens are needed.

Editorial 1771

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CARING FOR THE CRITICALLY ILL PATIENT

Premedication for Intubation of Neonates 1790

Pain control with sedation is recommended for neonates requiring endotracheal intubation, except in life-threatening situations. In a randomized clinical trial that enrolled 173 neonates requiring nonemergency intubation, Durrmeyer and colleagues for the PRE-TINEO Research Group found no difference in oxygen desaturation for atropine used with propofol vs atropine used with atracurium and sufentanil.

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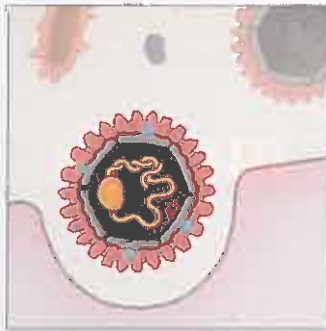
Editor in Chief
Howard Bauchner, MD

134 YEARS
OF CONTINUOUS
PUBLICATION

Clinical Review & Education

Chronic Hepatitis B Virus Infection

1802



Chronic infection with hepatitis B virus can lead to cirrhosis or hepatocellular carcinoma. Tang and colleagues review clinical options for suppressing viral replication and slowing the progression of liver disease.

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JAMA Patient Page

1834 Laparoscopic Cholecystectomy

CLINICAL UPDATE

Shared Decision Making for Breast Cancer Screening

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Mammography can decrease the risk of breast cancer mortality, but overdiagnosis is common. In this JAMA Insights article, Keating and Pace discuss the use of risk tools to identify patients who are most likely to benefit from screening mammography.

Clinical Management of Dyspepsia

1816

In this JAMA Clinical Guidelines Synopsis of a 2017 guideline developed by the American College of Gastroenterology and the Canadian Association of Gastroenterology, Feld and Cifu discuss the clinical management of adult patients with epigastric pain lasting at least 1 month.

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Editor's Audio Summary

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

Interview

AUDIO Stephen Devries, MD, Gaples Institute for Integrative Cardiology, profiled in "Stephen Devries, MD: Training Physicians About Nutrition"

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