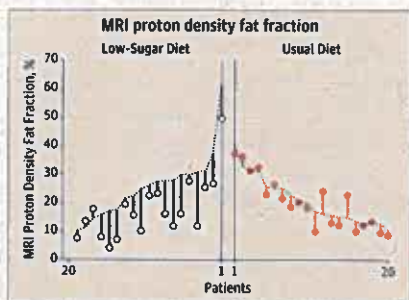


Research

A Dietary Intervention for Nonalcoholic Fatty Liver Disease 256



Treatment guidelines do not recommend a specific diet for children with nonalcoholic fatty liver disease. In a randomized trial that enrolled 40 male adolescents aged 11 to 16 years with histologically diagnosed nonalcoholic fatty liver disease, Schwimmer and colleagues found that a diet low in free sugar content decreased hepatic steatosis.

Visual Abstract jama.com

Stem Cell Transplantation for Sickle Cell Disease 266

In children with sickle cell disease and high transcranial Doppler (TCD) velocities, transfusion therapy reduces the risk of stroke but is associated with complications such as alloimmunization and iron overload. Bernaudin and colleagues for the DREPAGREFFE Trial Investigators studied 67 children with sickle cell disease who required chronic transfusions for persistently elevated TCD velocities and found that matched-sibling donor hematopoietic stem cell transplantation was associated with lower TCD velocities compared with standard care. In an Editorial, Kwiatkowski suggests that future trials should evaluate the efficacy of transplantation using alternative sources of stem cells for children who lack a matched sibling donor.

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Aspirin for Primary Prevention of Cardiovascular Disease 277

Aspirin is indicated for the secondary prevention of stroke and myocardial infarction, but the use of aspirin for primary prevention is controversial. Zheng and Roddick reviewed 13 trials that randomized 164 225 participants with 1050 511 years of follow-up and found that in participants without cardiovascular disease, aspirin was associated with a lower risk of cardiovascular events and an increased risk of major bleeding. In an Editorial, Gaziano suggests that the value of aspirin for primary prevention depends on the local availability of statin drugs and the need for comprehensive risk factor reduction.

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135 YEARS
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Clinical Review & Education

Treatments for Breast Cancer

288

The choice of therapy for breast cancer is determined primarily by the expression of molecular targets. Waks and Winer review treatment strategies for patients with breast cancer, which may be also influenced by tumor subtype, anatomic cancer stage, and patient preference.

 JAMA Patient Page 316

 Audio Interview jama.com CME jamanetwork.com/learning

Estimating Effects in Meta-analyses of Heterogeneous Trials

301

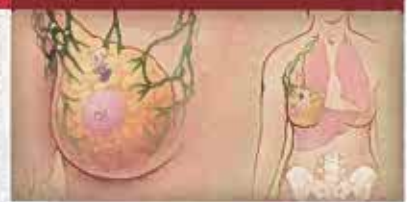
In this JAMA Guide to Statistics and Methods, Serghiou and Goodman explain the use of random-effects meta-analysis to estimate treatment effects when the component trials have enrolled different types of patients in different settings.

A Woman With Acute Polyarthritis

303



This JAMA Clinical Challenge by Chatterjee presents a 58-year-old woman with polyarthritis and a malar rash who had recent exposure to children with a febrile illness. What would you do next?



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Editor's Audio Summary

Jody W. Zylke, MD, summarizes and comments on this week's issue.

Audio Interview

Rebecca Thurston, PhD, University of Pittsburgh, profiled in "Sexual Harassment and Assault Associated With Poorer Midlife Health in Women"

Audio Interview



Interview with Nancy Keating, MD, MPH, Harvard Medical School, and Lydia Pace,

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Visual Abstract

"Effect of a Low Free Sugar Diet vs Usual Diet on Nonalcoholic Fatty Liver Disease in Adolescent Boys: A Randomized Clinical Trial"

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