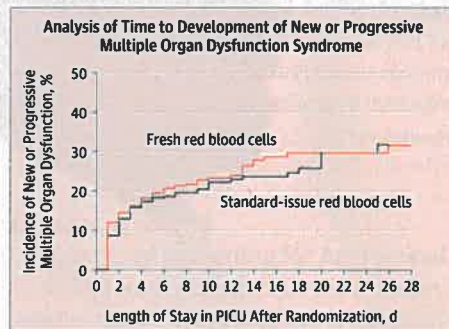


Research

Red Blood Cell Storage and Multiple Organ Dysfunction 2179



Increased storage time of red blood cells may impair their oxygen delivery or adversely affect immune, endothelial, and hemostatic function. Spinella and colleagues randomized 1538 critically ill children and found that the use of fresh red blood cells, compared with standard-issue red blood cells, did not reduce the incidence of new or progressive multiple organ dysfunction syndrome. In an Editorial, McQuilten and

Cooper discuss the safety of international red blood cell transfusion practice for critically ill children.

- ◀ Editorial **2175**
- Visual Abstract jama.com

A Genetic Cause of Amyloid Cardiomyopathy 2191

Hereditary transthyretin amyloid cardiomyopathy associated with the *TTR* V122I genetic variant is primarily found in individuals of African ancestry. Damrauer and colleagues conducted cross-sectional and case-control studies of 3724 and 2307 individuals of, respectively, African and Hispanic/Latino ancestry and found that the *TTR* V122I genetic variant was significantly associated with heart failure.

Fertility Treatment and Cancer Risk in Children 2203

Fertility treatment may increase the risk of cancer in children by mechanisms associated with fertility drugs or assisted reproductive technology. Hargreave and colleagues conducted a retrospective cohort study of 1 085 172 children born in Denmark and found an increased risk of childhood cancer associated with the use of frozen embryo transfer but not with other fertility treatments.

Opinion

Viewpoint

- 2165** Improving the System to Support Clinician Well-being and Provide Better Patient Care
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J Reiff, N Brennan, and JF Biniek
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Clinical Review & Education

RECOMMENDATION STATEMENT

Screening for Abdominal Aortic Aneurysm

2211

Risk factors for abdominal aortic aneurysm include older age, male sex, and smoking. The US Preventive Services Task Force recommends 1-time screening for abdominal aortic aneurysm with ultrasonography in men aged 65 to 75 years who have ever smoked.

📄 Editorial 2177 Related Article 2219 JAMA Patient Page 2256

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

EVIDENCE REPORT

Outcomes of Screening for Abdominal Aortic Aneurysm

2219

Abdominal aortic aneurysms (AAAs) are often asymptomatic, with slow expansion until possible rupture. Guirguis-Blake and colleagues reviewed 50 studies with 323 279 participants and found that 1-time AAA screening in men aged 65 years or older was associated with decreased AAA-related mortality and rupture rates but was not associated with all-cause mortality.

📄 Editorial 2177 Related Article 2211 JAMA Patient Page 2256

🎧 Author Audio Interview jama.com

CLINICAL UPDATE

Clinical Management of Constipation

2239

Causes of constipation include motor disorders of the colon, defecation disorders, and adverse events associated with the use of drugs. This JAMA Insights article by Wald reviews treatment options for individuals with chronic idiopathic constipation, irritable bowel syndrome with constipation, and opioid-induced constipation.

📄 Related Article 2241

Opioid-Induced Constipation

2241

In this JAMA Clinical Guidelines Synopsis of a 2018 guideline developed by the American Gastroenterological Association, Rao and colleagues discuss the medical management of opioid-induced constipation.

📄 Related Article 2239

🎧 Online @ jama.com



Editor's Audio Summary

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

Visual Abstract

"Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients: A Randomized Clinical Trial"

Audio

The Medical and Political Response to the 2017 Christchurch Mosque Mass Shooting

Author Audio Interview



Pascale Carayon, PhD, author of "Improving the System to Support Clinical Well-being and Provide Better Patient Care"

Author Audio Interview

Michael J. Barry, MD, author of "Screening for Abdominal Aortic Aneurysm: US Preventive Services Task Force Recommendation Statement"

Screening for Abdominal Aortic Aneurysm



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