

In This Issue: May 25, 2021

Research

ORIGINAL INVESTIGATION

2056 Effect of Continuous Infusion of Hypertonic Saline vs Standard Care on 6-Month Neurological Outcomes in Patients With Traumatic Brain Injury: The COBI Randomized Clinical Trial

A Roquilly and Coauthors
for the Atlanrea Study Group and the Société Française d'Anesthésie Réanimation (SFAR) Research Network
This clinical trial conducted in France explores whether continuous infusion of hypertonic saline solution improves neurological outcome at 6 months in patients with traumatic brain injury.

Visual Abstract | CME

2067 α_2 -Adrenergic Agonists or Stimulants for Preschool-Age Children With Attention-Deficit/Hyperactivity Disorder

E Harstad and Coauthors
This retrospective review uses data from health records of preschool-age children with attention-deficit/hyperactivity disorder (ADHD) treated in developmental-behavioral pediatric practices to examine the improvements and adverse effects associated with the use of α_2 -adrenergic agonists vs stimulants for initial ADHD medication treatment.

Editorial 2049

2076 Association of Maternal SARS-CoV-2 Infection in Pregnancy With Neonatal Outcomes

M Norman and Coauthors
This cohort study uses Swedish national registry data to investigate associations between maternal SARS-CoV-2 test positivity in pregnancy and neonatal outcomes, including mortality and need for resuscitation, between March 2020 and January 2021.

Editorial 2051

Opinion

VIEWPOINT

2041 Precision Medicine for COVID-19: Phenotype Anarchy or Promise Realized?

K DeMerle, DC Angus, and CW Seymour

2043 Designing a Successful Primary Care Physician Capitation Model

EJ Emanuel, F Mostashari, and AS Navathe

Available online

jama.com

2045 High and Rising Working-Age Mortality in the US: A Report From the National Academies of Sciences, Engineering, and Medicine

KM Harris, SH Woolf, and DJ Gaskin

A PIECE OF MY MIND

2047 Defense Against Numbness

CX He

In this narrative medicine essay, an Asian American physician discusses how her race has played a role in interactions with patients, both negatively and positively, and how these exchanges have provided a lens through which to see mutual recognition and shared experience.

EDITORIAL

2049 Comparison of Medication Treatments for Preschool Children With ADHD: A First Step Toward Addressing a Critical Gap

TE Froehlich

Related Article 2067

2051 Understanding Risk for Newborns Born to SARS-CoV-2-Positive Mothers

D Dumitriu and C Gyamfi-Bannerman

Related Article 2076

2053 Behavioral Counseling Interventions for Healthy Weight During Pregnancy: An Ambitious Endeavor

DY LaCoursiere

Related Articles 2087 and 2094

JAMA Patient Page 2126

Clinical Review & Education

US PREVENTIVE SERVICES TASK FORCE

2087 Behavioral Counseling Interventions for Healthy Weight and Weight Gain in Pregnancy: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

This 2021 Recommendation Statement from the US Preventive Services Task Force recommends that clinicians offer pregnant persons effective behavioral counseling interventions aimed at promoting healthy weight gain and preventing excess gestational weight gain in pregnancy (B recommendation).

Editorial 2053

Related Article 2094

JAMA Patient Page 2126

Audio | CME

Online at JAMA.com

AUDIO

Editor's Summary of This Issue

May 2021 Medical News Summary

An Inside Look at a Post-COVID-19 Clinic

USPSTF Recommendation: Behavioral Counseling Interventions for Healthy Weight and Weight Gain in Pregnancy

CME

Find CME quizzes online at jamacmelookup.com

INSTRUCTIONS FOR AUTHORS
jamanetwork.com/pages/for-authors

DEPARTMENTS

Staff Listing 2031

CME Questions 2114

Recruitment & Classified Advertising 2123

Contact Information 2125

CORRECTION 2120



Editor in Chief
Howard Bauchner, MD

continued >

In This Issue: May 25, 2021

US PREVENTIVE SERVICES TASK FORCE

2094 Counseling and Behavioral Interventions for Healthy Weight and Weight Gain in Pregnancy: Evidence Report and Systematic Review for the US Preventive Services Task Force
AG Cantor and Coauthors

This systematic review to support the 2021 US Preventive Services Task Force Recommendation Statement on interventions for healthy weight and weight gain in pregnancy summarizes published evidence on the benefits and harms of counseling and behavioral interventions for healthy weight and gestational weight gain in adolescent and adult women who are pregnant or planning a pregnancy.

Editorial **2053**
Related Article **2087**
JAMA Patient Page **2126**

 Audio

JAMA GUIDE TO STATISTICS AND METHODS

2110 Adjusting for Nonadherence or Stopping Treatments in Randomized Clinical Trials
AI Adler and NR Latimer

This JAMA Guide to Statistics and Methods describes various methods to handle trial participant nonadherence to study interventions.

JAMA INSIGHTS

2112 Indoor Air Changes and Potential Implications for SARS-CoV-2 Transmission
JG Allen and AM Ibrahim

This JAMA Insights review summarizes basic measures of indoor air ventilation as a means to explain how increases in frequency of air exchange and filtration capture efficiency could mitigate far-field airborne transmission of SARS-CoV-2 inside rooms and buildings.

JAMA PATIENT PAGE

2126 Behavioral Interventions for Healthy Weight Gain During Pregnancy
J Jin

This JAMA Patient Page summarizes the US Preventive Services Task Force's 2021 recommendations on behavioral interventions for healthy weight gain during pregnancy.

Editorial **2053**
Related Articles **2087** and **2094**

 Audio

News & Analysis

MEDICAL NEWS & PERSPECTIVES

2033 Researchers Tie Severe Immunosuppression to Chronic COVID-19 and Virus Variants
J Abbasi

This Medical News article discusses clinical care and isolation for patients with prolonged SARS-CoV-2 infections, who researchers say may generate and transmit viral variants.

2036 An Inside Look at a Post-COVID-19 Clinic
K Walter

In this Medical News article, Aluko Hope, MD, former co-director of the Montefiore-Einstein Department of Medicine's COVID-19 Recovery Clinic, discusses how the clinic helps patients with persistent symptoms of the disease.

 Audio

HEALTH AGENCIES UPDATE

2038 Allergic Reactions to mRNA Vaccines

2038 Improving Maternal Health

2038 Free, At-Home Rapid SARS-CoV-2 Tests

CLINICAL TRIALS UPDATE

2039 Clear Surgical Masks Create More Positive Interactions With Patients

2039 Upadacitinib Noninferior to Adalimumab for Psoriatic Arthritis

2039 Patients Favor Surgical Repair of Ruptured ACL

2039 Shorter Antibiotic Therapy Safe for Inpatients With Pneumonia

2039 Patient Navigation Reduces Substance Abuse Disorder Readmissions

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

2040 Massive Costs of the US Opioid Epidemic in Lives and Dollars

2040 Sexually Transmitted Disease Cases Continue to Break Records

Humanities

POETRY AND MEDICINE

2121 Oxheart
K Lehman

JAMA REVISITED

2122 The Social Responsibilities of Modern Medicine

Letters

RESEARCH LETTER

2115 S-Gene Target Failure as a Marker of Variant B.1.1.7 Among SARS-CoV-2 Isolates in the Greater Toronto Area, December 2020 to March 2021
KA Brown and Coauthors

This study determined the spread of the B.1.1.7 SARS-CoV-2 variant in the Greater Toronto Area over 4 months by tracking S-gene target failure as marker.

2116 Preliminary Investigation of In situ Thrombus Within Patent Foramen Ovale in Patients With and Without Stroke
C Yan and H Li

This study uses high-resolution optical coherence tomography to investigate whether patent foramen ovale could be the site of thrombus formation in patients with or without stroke.

COMMENT & RESPONSE

Effect of Sodium Nitrite on Survival of Cardiac Arrest to Hospital Admission

2118 W Sang and F Xu

In Reply

2118 F Kim, C Maynard, and G Nichol

US Hospital Data About Neonatal Abstinence Syndrome and Maternal Opioid-Related Diagnoses

2119 M Meyer and J Metayer

In Reply

2120 AH Hirai, JY Ko, and SW Patrick

 Available online