

In This Issue: November 24, 2020

Research

ORIGINAL INVESTIGATION

2038 Effect of Nebulized Magnesium vs Placebo Added to Albuterol on Hospitalization Among Children With Refractory Acute Asthma Treated in the Emergency Department: A Randomized Clinical Trial

S Schuh and Coauthors for the Pediatric Emergency Research Canada (PERC) Network

This randomized trial compares the effect of nebulized magnesium vs placebo added to albuterol on hospitalization at 24 hours of children with acute asthma in respiratory distress after initial therapy in Canadian pediatric emergency department (EDs).

[Visual Abstract](#) | [CME](#)

2048 Association of Hemochromatosis *HFE* p.C282Y Homozygosity With Hepatic Malignancy

JL Atkins and Coauthors

This cohort study uses UK Biobank data to estimate the risk for primary hepatic carcinoma and cancer-related death by *HFE* variant status among community-dwelling individuals of European ancestry in England, Scotland, and Wales.

2058 Association of State Certificate of Need Regulation With Procedural Volume, Market Share, and Outcomes Among Medicare Beneficiaries

TK Yuce and Coauthors

This study investigates associations between US state certificate of need laws, which regulate health system spending and expansion, and markers of surgical quality, including procedural volume and postoperative outcomes for Medicare beneficiaries.

Editorial [2033](#)

[Audio](#) | [CME](#)

Opinion

VIEWPOINT

2023 Is It Lawful and Ethical to Prioritize Racial Minorities for COVID-19 Vaccines?

H Schmidt, LO Gostin, and MA Williams

[Audio](#) | [Video](#)

2025 Scientific and Ethical Principles Underlying Recommendations From the Advisory Committee on Immunization Practices for COVID-19 Vaccination Implementation

BP Bell, JR Romero, and GM Lee

2027 Answering Key Questions About COVID-19 Vaccines

JL Goodman, JD Grabenstein, and MM Braun

2029 Expanding Use of Clinical Genome Sequencing and the Need for More Data on Implementation

KA Phillips, MP Douglas, and DA Marshall

[Audio](#)

A PIECE OF MY MIND

2031 Reflections of a COVID-19 Long Hauler

JN Siegelman

In this narrative medicine essay, an emergency medical physician describes the lasting physical symptoms of a mild case of COVID-19, the effects of the illness on his family and professional community, and the lessons he's learned about caring for symptomatic patients with normal test results.

EDITORIAL

2033 Revisiting States' Experience With Certificate of Need

V Ho

Related Article [2058](#)

2036 Comprehensive Cardiovascular Health Promotion for Successful Prevention of Cardiovascular Disease

SS Khan and P Greenland

Related Articles [2069](#) and [2076](#)

JAMA Patient Page [2114](#)

[Audio](#)

Clinical Review & Education

US PREVENTIVE SERVICES TASK FORCE

2069 Behavioral Counseling Interventions to Promote a Healthy Diet and Physical Activity for Cardiovascular Disease Prevention in Adults With Cardiovascular Risk Factors: USPSTF Recommendation Statement

US Preventive Services Task Force

This 2020 US Preventive Services Task Force Recommendation Statement recommends offering or referring adults with CVD risk factors to behavioral counseling interventions to promote a healthy diet and physical activity (B recommendation).

Editorial [2036](#)

Related Article [2076](#)

JAMA Patient Page [2114](#)

[Audio](#)

[Online at JAMA.com](#)

MULTIMEDIA

[Editor's Audio Summary](#): Listen as editors discuss this week's issue

[Audio Author Interview](#): Can We Count on Herd Immunity to Control COVID-19?

[Audio Author Interview](#): Healthy Diet and Physical Activity for Cardiovascular Disease Prevention in Adults With Cardiovascular Risk Factors

[Author Audio Interview](#): Prioritizing Racial and Ethnic Minority Populations for Coronavirus Vaccination

[Audio](#): November 2020 Medical News Summary

[Audio](#): A Patient's Perspective on Nonoperative Treatment of Appendicitis

[Audio](#): Health Care Facility Certificate of Need Regulations—Laws That Have Outlived Their Usefulness

[Audio](#): Herd Immunity as a Coronavirus Pandemic Strategy

[Videos](#): Prioritizing Racial and Ethnic Minority Populations for Coronavirus Vaccination

[Videos](#): Herd Immunity as a Coronavirus Pandemic Strategy

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Editor in Chief
Howard Bauchner, MD

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2076 Behavioral Counseling to Promote a Healthy Diet and Physical Activity for Cardiovascular Disease Prevention in Adults With Cardiovascular Risk Factors: Updated Evidence Report and Systematic Review for the USPSTF

EA O'Connor and Coauthors

This systematic review to support the 2020 US Preventive Services Task Force Recommendation Statement on behavioral counseling to promote healthy diet and physical activity for cardiovascular disease (CVD) prevention summarizes published evidence on the benefits and harms of behavioral counseling to promote healthy diet and physical activity for CVD prevention in adults with cardiovascular risk factors.

Editorial [2036](#)

Related Article [2069](#)

JAMA Patient Page [2114](#)

 Audio

JAMA INSIGHTS

2095 Herd Immunity and Implications for SARS-CoV-2 Control

SB Omer, I Yildirim, and HP Forman

This JAMA Insights Clinical Update discusses herd immunity in the context of the COVID-19 pandemic and explains the herd immunity threshold as a function of transmissibility (R_0), the role of an effective vaccine and vaccination program in sustaining herd immunity, and the risks of an infection-based herd immunity approach.

JAMA Patient Page [2113](#)

 Audio

JAMA CLINICAL CHALLENGE

2097 Headache, Confusion, and Somnolence in a 27-Year-Old Woman

R Sastry, K Moldovan, and T Niu

A woman who had immigrated from Guatemala 1 year prior developed headache, photophobia, vomiting, somnolence, and confusion but no focal neurologic deficits. Brain CT showed ventriculomegaly, hydrocephalus, and cerebral edema, while brain MRI showed a nonenhancing lesion obstructing the aqueduct of Sylvius that moved to the fourth ventricle with hydrocephalus resolution on repeat imaging 5 days later. What is the diagnosis and what would you do next?

JAMA PATIENT PAGE

2113 What Is Herd Immunity?

AN Desai and MS Majumder

Related Article [2095](#)

 Audio

2114 Counseling on Healthy Diet and Physical Activity to Prevent Cardiovascular Disease

J Jin

Editorial [2036](#)

Related Articles [2069](#) and [2076](#)

 Audio

News & Analysis

MEDICAL NEWS & PERSPECTIVES

2015 First It Was Masks; Now Some Refuse Testing for SARS-CoV-2

R Rubin

This Medical News feature examines the problem of people refusing to be tested for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).

 Audio

2017 New Guideline Calls for Cervical Cancer Screening to Begin at Age 25 Years

A Slomski

This Medical News article discusses updates in the American Cancer Society's cervical cancer screening guideline.

HEALTH AGENCIES UPDATE

2019 Study Aims to Identify Drugs That Could Be Repurposed for COVID-19

2019 Importance of Patient Input in Designing CRISPR Trials

2019 Aid for American Indian, Alaska Native Individuals Who Want to Quit Smoking

CLINICAL TRIALS UPDATE

2020 Cantharidin Drug-Device Clears Molluscum Contagiosum Lesions

2020 Long-term Mortality Outcomes in Early Breast Cancer Screening Trial

2020 Fecal Transplant for *Clostridioides difficile* Effective in Practice

2020 Opportunistic Atrial Fibrillation Screening Doesn't Catch More Cases

2020 Antibiotics on Par With Surgery for Appendicitis

 Audio | Video

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

2021 Hand Hygiene Gaps Identified

2021 Active Surveillance Testing to Prevent Staph Spread in NICUs

Humanities

POETRY AND MEDICINE

2108 Alzheimer Aubade

M Maddox

JAMA REVISITED

2109 Ecology and Medicine

Letters

RESEARCH LETTER

2100 COVID-19 and Excess All-Cause Mortality in the US and 18 Comparison Countries

A Bilinski and EJ Emanuel

This Viewpoint compares the COVID-19 per capita overall and excess mortality rates in the US vs that of 18 OECD countries and the timing of any increases in excess mortality between February and September 2020.

2102 Pediatric Magnet Ingestions After Federal Rule Changes, 2009-2019

MR Flaherty and Coauthors

This study describes trends in emergency department visits for ingestions by children of small neodymium magnets between 2009 and 2019, before, during, and after a 2014 Consumer Product Safety Commission rule restricting their sales.

COMMENT & RESPONSE

Maternal Docosahexaenoic Acid Supplementation and Bronchopulmonary Dysplasia in Infants

2104 CHP van den Akker, W Onland, and AH van Kaam

In Reply

2105 I Marc, P Julien, and PM Lavoie

Cardiovascular Risk Assessment for Noncardiac Surgery

2105 C Grasshoff and H Magunia

In Reply

2106 NR Smilowitz and JS Berger

 Available online