

In This Issue: September 8, 2020

Research

PRELIMINARY COMMUNICATION

951 Effect of an Inactivated Vaccine Against SARS-CoV-2 on Safety and Immunogenicity Outcomes: Interim Analysis of 2 Randomized Clinical Trials

S Xia and Coauthors

This interim analysis of 2 randomized trials compares adverse reactions and neutralizing antibody responses to inactivated coronavirus disease 2019 (COVID-19) vs adjuvant-only control vaccination, and compares the outcomes at varying vaccine doses among healthy adults in China.

Editorial **943**

ORIGINAL INVESTIGATION

961 Effect of Out-of-Hospital Tranexamic Acid vs Placebo on 6-Month Functional Neurologic Outcomes in Patients With Moderate or Severe Traumatic Brain Injury

SE Rowell and Coauthors

This randomized clinical trial compares the effects of an out-of-hospital tranexamic acid bolus vs placebo within 2 hours of traumatic brain injury (TBI) on 6-month functional neurologic outcome (Glasgow Coma Scale-Extended score >4) in patients with moderate or severe TBI.

Editorial **946**

Visual Abstract | CME

975 Association Between Patient Social Risk and Physician Performance Scores in the First Year of the Merit-based Incentive Payment System

D Khullar and Coauthors

This study uses data from the Medicare Physician Compare database to assess associations between patient social risk, defined as dual eligibility for Medicare and Medicaid, and physicians' Merit-based Incentive Payment System (MIPS) data scores, a proxy for patient outcomes and care value.

Editorial **948**

Related Article **984**

CME

984 Association of Clinician Health System Affiliation With Outpatient Performance Ratings in the Medicare Merit-based Incentive Payment System

KJ Johnston and Coauthors

This study uses data from the Medicare Physician Compare database to assess associations between clinician affiliation with health systems and performance scores and value-based reimbursement under the 2019 Merit-based Incentive Payment System (MIPS).

Editorial **948**

Related Article **975**

CME

Opinion

VIEWPOINT

931 Unwavering Regulatory Safeguards for COVID-19 Vaccines

A Shah, PW Marks, and SM Hahn

Audio | Video

933 Precision Public Health as a Key Tool in the COVID-19 Response

SA Rasmussen, MJ Khoury, and C del Rio

935 Cascading Risks of COVID-19 Resurgence During an Active 2020 Atlantic Hurricane Season

JM Shultz, C Fugate, and S Galea

937 Improving Physician Communication About Treatment Decisions: Reconsideration of "Risks vs Benefits"

DJ Morgan, LD Scherer, and D Korenstein

Audio

939 Over-the-Counter Oral Contraceptives to Reduce Unintended Pregnancies

KK Sindhu and EY Adashi

A PIECE OF MY MIND

941 The Silence and Sorrow of Miscarriage

A Saadi

In this narrative medicine essay, a neurologist relates the story of her miscarriage while touring immigration detention centers in Texas documenting medical care and human rights violations and shares her deep sorrow for the women who lost children either by force or miscarriages while incarcerated.

Online at JAMA.com

MULTIMEDIA

Editor's Audio Summary: Listen as editors discuss this week's issue

Audio: The Next COVID-19 Phase

Audio: COVID-19 and the FDA

Audio: How to Reopen Schools in the COVID-19 Era

Audio: Coronavirus Update From the CDC - August 20, 2020

Author Audio Interview: Improving Physician Communication About Treatment Decisions: Reconsideration of "Risks vs Benefits"

Videos: COVID-19 and the FDA

Videos: Coronavirus Update From the CDC - August 20, 2020

INSTRUCTIONS FOR AUTHORS

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Editor in Chief
Howard Bauchner, MD

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EDITORIAL

943 An Inactivated Virus Candidate Vaccine to Prevent COVID-19

MJ Mulligan

Related Article [951](#)

946 Out-of-Hospital Tranexamic Acid for Traumatic Brain Injury

DC Cone, DW Spaite, and TJ Coats

Related Article [961](#)

948 Potential Adverse Financial Implications of the Merit-based Incentive Payment System for Independent and Safety Net Practices

CH Colla, T Ajayi, and A Bitton

Related Articles [975](#) and [984](#)

Clinical Review & Education

JAMA INSIGHTS

993 Polymyalgia Rheumatica and Giant Cell Arteritis

F Buttgerit, EL Matteson, and C DeJaco

This JAMA Insights Clinical Update reviews the diagnosis and management of polymyalgia rheumatica and giant cell arteritis and provides a suggested treatment algorithm for giant cell arteritis.

JAMA CLINICAL CHALLENGE

995 Decreased Exercise Tolerance in a Young Woman

NA Oh and JE Mayer Jr

A 31-year-old woman with a history of childhood heart murmur has exercise intolerance due to dyspnea, no chest pain, a fixed split S₂ and a 2/6 systolic murmur at the left upper sternal border, and incomplete right bundle-branch block on ECG. Chest imaging shows increased vascularity, cardiomegaly, and an enlarged right atrium and right ventricle. What is the diagnosis and what would you do next?

JAMA PATIENT PAGE

1015 Heart Failure

JR Baman and FS Ahmad

This JAMA Patient Page describes heart failure and its diagnosis, treatment options, and prevention measures.

1016 Caring for Someone With COVID-19

LY Mortenson, PN Malani, and RD Ernst

This JAMA Patient Page reviews the symptoms and signs of COVID-19, at-home management of the infection, and precautions to take while caring for someone with it.

 Audio

 Available online

News & Analysis

MEDICAL NEWS & PERSPECTIVES

923 What Happens When COVID-19 Collides With Flu Season?

R Rubin

This Medical News feature examines what might happen when COVID-19 meets seasonal influenza this fall.

Related Article [926](#)

 Audio | Video

926 Flu Vaccination Urged During COVID-19 Pandemic

MC Jaklevic

This Medical News article reports on efforts to increase flu vaccinations during the COVID-19 pandemic.

Related Article [923](#)

 Audio | Video

BIOTECH INNOVATIONS

928 Antibiotic-Sparing Gonorrhea Diagnostic Wins Federal Funding

928 Drug Repurposing Study Pinpoints Potential COVID-19 Antivirals

928 New T-Cell Therapy Tested for Multiple Myeloma

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

929 COVID-19 Precautions Helped Limit Cases Linked to Milwaukee Primary

929 TB Control Suffers During Pandemic

Humanities

THE ARTS AND MEDICINE

921 Dance for Respiratory Patients in Low-Resource Settings

KEJ Philip, W Katagira, and R Jones

This Arts and Medicine feature describes the integration of local dance traditions into pulmonary rehabilitation programs for COPD and tuberculosis patients in low- and middle-income countries.

 Video

POETRY AND MEDICINE

1010 Moving Back to the Marriage Bed

D Scaperoth

JAMA REVISITED

1011 The President Outlines a Program

Letters

RESEARCH LETTER

998 Characteristics and Outcomes of COVID-19 Patients During Initial Peak and Resurgence in the Houston Metropolitan Area

FS Vahidy and Coauthors

This study examined the sociodemographic and clinical characteristics of patients, as well as their clinical outcomes, during a surge in COVID-19 disease in Houston, Texas.

1000 Allocation of COVID-19 Relief Funding to Disproportionately Black Counties

P Kakani and Coauthors

This study describes correlations between the dollar amount of relief funding authorized by the US Congress to fund prevention, diagnosis, and treatment of coronavirus disease 2019 (COVID-19) and to reimburse health care entities for lost revenues, and county-level Black population fraction accounting for county COVID-19 burden, comorbidity, and hospital financial health.

1003 Hepatitis C–Related Hepatocellular Carcinoma Incidence in the Veterans Health Administration After Introduction of Direct-Acting Antivirals

LA Beste and Coauthors

This study describes trends in the incidence of hepatocellular carcinoma within the Veterans Health Administration from 2002 to 2018 before and after widespread direct-acting anti-hepatitis C virus (HCV) treatment.

COMMENT & RESPONSE

Reconfiguring Medical Education

1005 HA Stoddard

1006 JM Connell, JA Niec, and KF Sharif

1006 D Yim

1007 GD Everett and M Muszynski

In Reply

1007 EJ Emanuel

Chikungunya Virus-Like Particle Vaccine

1008 N Jaiswal, S Singh, and M Singh

In Reply

1008 GL Chen