

In This Issue: June 23/30, 2020

Research

ORIGINAL INVESTIGATION

2485 Effect of Intraoperative Dexamethasone on Major Complications and Mortality Among Infants Undergoing Cardiac Surgery: The DECISION Randomized Clinical Trial

V Lomivorotov and Coauthors

This randomized trial compares the effect of intravenous dexamethasone vs saline on death, need for ECMO or CPR, and other complications among infants younger than 12 months undergoing cardiac surgery with cardiopulmonary bypass.

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

2493 Association of Treatment With Hydroxychloroquine or Azithromycin With In-Hospital Mortality in Patients With COVID-19 in New York State

ES Rosenberg and Coauthors

This study examines associations between use of hydroxychloroquine, azithromycin, or both and in-hospital mortality, ECG changes, and cardiac arrest among patients with COVID-19 hospitalized in the metropolitan New York area in March 2020.

Related Article [2518](#)

2503 Feasibility of Ultra-Rapid Exome Sequencing in Critically Ill Infants and Children With Suspected Monogenic Conditions in the Australian Public Health Care System

Australian Genomics Health Alliance Acute Care Flagship

This descriptive study characterizes time from sample receipt to sequence report as a measure of the feasibility of ultra-rapid genomic diagnosis of critically ill pediatric patients with suspected monogenic conditions in an Australian public health care system.

Editorial [2480](#)

[CME](#)

Opinion

VIEWPOINT

2455 Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV): An Unprecedented Partnership for Unprecedented Times

FS Collins and P Stoffels

Viewpoint [2462](#), [2458](#), and [2460](#)

2458 Planning for a COVID-19 Vaccination Program

S Schaffer DeRoo, NJ Pudalov, and LY Fu

Viewpoint [2455](#), [2462](#), and [2460](#)

2460 Adverse Consequences of Rushing a SARS-CoV-2 Vaccine: Implications for Public Trust

B Trogen, D Oshinsky, and A Caplan

Viewpoint [2462](#), [2458](#), and [2455](#)

2462 The Equitable Distribution of COVID-19 Therapeutics and Vaccines

TJ Bollyky, LO Gostin, and MA Hamburg

2464 Translating Science on COVID-19 to Improve Clinical Care and Support the Public Health Response

C del Rio and P Malani

2466 COVID-19 and Racial/Ethnic Disparities

M Webb Hooper, AM Nápoles, and EJ Pérez-Stable

Editorial [2478](#)

2468 Labor and Delivery Visitor Policies During the COVID-19 Pandemic: Balancing Risks and Benefits

KS Arora, JT Mauch, and KS Gibson

2470 Smoking Cessation—Progress, Barriers, and New Opportunities: The Surgeon General's Report on Smoking Cessation

JM Adams

2472 Potential Implications of Lowering the Medicare Eligibility Age to 60

Z Song

[Audio](#)

2474 Innovation in Home Care: Time for a New Payment Model

KG Volpp, SM Diamond, and WH Shrank

Online at JAMA.com

MULTIMEDIA

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

[Audio Author Interview](#): The NIH Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV) Initiative

[Audio](#): An Inconvenient Tooth

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

[Audio](#): Coronavirus Vaccine Development

[Author Audio Interview](#): Potential Implications of Lowering the Medicare Eligibility Age to 60

[Videos](#): The NIH Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV) Initiative

[Videos](#): Coronavirus Vaccine Development

INSTRUCTIONS FOR AUTHORS

jamanetwork.com/pages/for-authors

DEPARTMENTS

Staff Listing [2445](#)

CME Questions [2517](#)

Recruitment Advertising [2533](#)

Contact Information [2534](#)

CORRECTION [2530](#)



Editor in Chief
Howard Bauchner, MD

136 YEARS
OF CONTINUOUS
PUBLICATION

[Available online](#)

jama.com

continued >

In This Issue: June 23/30, 2020

A PIECE OF MY MIND

2476 Laughter Leaves Me Lighter: Coping With COVID-19
D Fessell

In this narrative medicine essay, a physician reviews the science supporting the beneficial health effects of humor and offers tips on how to bring humor into one's everyday personal and professional life during and after the COVID-19 pandemic.

EDITORIAL

2478 COVID-19 and Health Equity—A New Kind of “Herd Immunity”
DR Williams and LA Cooper
Viewpoint **2466**

2480 Clinical Genomics in Critically Ill Infants and Children
FL Raymond

Related Article **2503**

2482 Reevaluation of the Frequent Use of PD-1 Checkpoint Inhibitors for Treatment of Glioblastoma
AM Miller and LM DeAngelis

Clinical Review & Education

JAMA INSIGHTS

2512 Olfactory Dysfunction in COVID-19: Diagnosis and Management
KL Whitcroft and T Hummel

This JAMA Insights Clinical Update discusses the presumed mechanism of COVID-19-related olfactory dysfunction and proposes assessment and management strategies, including olfactory training and adjuvant medication treatments.

JAMA GUIDE TO STATISTICS AND METHODS

2515 Modeling Epidemics With Compartmental Models
J Tolles and T Luong

This JAMA Guide to Statistics and Methods reviews the susceptible-infected-recovered (SIR) model for predicting the course of infectious disease outbreaks, which describes the transition of individuals from susceptible to infected and from infected to recovered, and discusses the model's limitations, including oversimplification of complex disease processes.

JAMA PATIENT PAGE

2535 Dog Bites
AN Desai

This JAMA Patient Page describes complications and management of dog bites, emphasizing the importance of washing the wound and close monitoring for infection.

Audio

2536 Extracorporeal Membrane Oxygenation
J Hadaya and P Benharash

This JAMA Patient Page describes the benefits and risks of use of extracorporeal membrane oxygenation (ECMO) for patients with severe illness.

News & Analysis

MEDICAL NEWS & PERSPECTIVES

2448 Artificial Intelligence: Promise, Pitfalls, and Perspective
AN Desai

In this Medical News article, JAMA Fishbein Fellow Angel N. Desai, MD, MPH, speaks with scientist and entrepreneur Gary Marcus, PhD, about the potential of artificial intelligence in health care and the current coronavirus pandemic.

Audio

THE JAMA FORUM

2450 After COVID-19: Thinking Differently About Running the Health Care System
SM Butler

HEALTH AGENCIES UPDATE

2452 Cautious and Fearful Infants Grow Into Cautious and Fearful Adults

2452 Government Not Doing All It Could to Recruit and Retain Scientists

2452 Pandemic Highlights Behavioral Health Disparities

CLINICAL TRIALS UPDATE

2453 Physical Therapy Outperforms Injections for Knee Osteoarthritis

2453 C-Reactive Protein Test Reduces Antibiotics for COPD Flare-ups

2453 Prostate Cancer Drug Degarelix Rapidly Treats Pedophilic Disorder

2453 Plant Extracts May Relieve Hangover Symptoms, Trial Suggests

2453 Clopidogrel Noninferior to Ticagrelor With Less Bleeding

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

2454 Postpartum Depression Screening Needs More Consistency

2454 Hypertension Rates in Rural Areas Outpace Those in Urban Locales

Humanities

POETRY AND MEDICINE

2531 Fragments
SR Nigliazzo

JAMA REVISITED

2532 Clearness in Medical Speech

Letters

RESEARCH LETTER

2518 Postmortem Examination of Patients With COVID-19
T Schaller and Coauthors

This case series describes autopsy findings in 10 patients with proven severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection who died at a university medical center in Germany.

Related Article **2493**

2520 Prevalence of SARS-CoV-2 Among Patients Admitted for Childbirth in Southern Connecticut
KH Campbell and Coauthors

This study describes the prevalence of positive SARS-CoV-2 test results among asymptomatic pregnant women presenting for labor and delivery at Yale New Haven health system hospitals.

2522 Association of Stay-at-Home Orders With COVID-19 Hospitalizations in 4 States
S Sen, P Karaca-Mandic, and A Georgiou

This study uses state public health department data to describe trends in COVID-19 hospitalizations before and after state executive stay-at-home orders issued in March and April 2020 in Colorado, Minnesota, Ohio, and Virginia, and compares projected vs observed admissions to estimate associations between the orders and hospital admissions.

Available online

continued >

In This Issue: June 23/30, 2020

2524 Prescription Fill Patterns for Commonly Used Drugs During the COVID-19 Pandemic in the United States

M Vaduganathan and Coauthors

This pharmacoepidemiology study uses US pharmacy data to compare prescriptions for hydroxychloroquine/chloroquine and azithromycin in February to April 2020 vs 2019, and vs the top 10 most commonly prescribed drugs in the same year, including angiotensin-converting enzyme inhibitors and angiotensin receptor blockers.

2526 Trends in the Prevalence of Metabolic Syndrome in the United States, 2011-2016

G Hirode and RJ Wong

This study uses US national survey data to characterize trends in the prevalence of metabolic syndrome among adults in the US between 2011 and 2016.

COMMENT & RESPONSE

Vegetable Consumption and Progression of Prostate Cancer

2528 CP Kerley

2529 I Csizmadfi, P-H Lin, and SJ Freedland

In Reply

2530 JK Parsons, JP Pierce, and JR Marshall

JAMA Network Open: Open to the World

JAMA Network Open™ is a new, open access, general medical journal. Fully integrated online with the JAMA Network™ journals, JAMA Network Open publishes research on all aspects of clinical care, innovations in health care, health policy, and global health across all health disciplines.

Now indexed in PubMed/MEDLINE, Emerging Sources Citation Index, Scopus, and the Directory of Open Access Journals.

Begin exploring now at jamanetworkopen.com.



JAMA Network | **Open**™

SPECIALTIES INCLUDE:

- | | |
|--|--------------------------------------|
| Allergy | Nephrology |
| Anesthesiology | Neurology |
| Cardiology | Nutrition, Obesity, and Exercise |
| Complementary and Alternative Medicine | Obstetrics and Gynecology |
| Critical Care Medicine | Occupational Health |
| Dermatology | Oncology |
| Diabetes and Endocrinology | Ophthalmology |
| Emergency Medicine | Orthopedics |
| Environmental Health | Otolaryngology |
| Ethics | Pathology and Laboratory Medicine |
| Gastroenterology and Hepatology | Pediatrics |
| Genetics and Genomics | Pharmacy and Clinical Pharmacology |
| Geriatrics | Physical Medicine and Rehabilitation |
| Global Health | Psychiatry |
| Health Informatics | Public Health |
| Health Policy | Pulmonary Medicine |
| Hematology | Rheumatology |
| Imaging | Statistics and Research Methods |
| Immunology | Substance Use and Addiction |
| Infectious Diseases | Surgery |
| Medical Education | Urology |
| Medical Journals and Publishing | |

Listen to JAMA Network Open podcasts and follow us on social media

