

In This Issue: January 12, 2021

Research

ORIGINAL INVESTIGATION

138 Effect of Out-of-Hospital Sodium Nitrite on Survival to Hospital Admission After Cardiac Arrest: A Randomized Clinical Trial
F Kim and Coauthors

This randomized trial compares the effects of paramedic-administered parenteral sodium nitrite (45 mg vs 60 mg) vs placebo on survival to hospital admission among adult patients with out-of-hospital pulseless collapse and cardiac arrest.

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

146 Neonatal Abstinence Syndrome and Maternal Opioid-Related Diagnoses in the US, 2010-2017

AH Hirai and Coauthors

This cross-sectional study examines national and state variation in rates of neonatal abstinence syndrome and maternal opioid-related diagnoses in 2017 and changes in national and state rates since 2010 in the US.

[CME](#)

156 Association of Fresh Embryo Transfers Compared With Cryopreserved-Thawed Embryo Transfers With Live Birth Rate Among Women Undergoing Assisted Reproduction Using Freshly Retrieved Donor Oocytes

IG Insogna and Coauthors

This cohort study uses US national registry data to compare the association of fresh vs cryopreserved-thawed embryo transfer and live birth rates among women undergoing assisted reproduction technology (ART) procedures using freshly retrieved donor oocytes between 2014 and 2017.

Opinion

VIEWPOINT

123 COVID-19 as the Leading Cause of Death in the United States

SH Woolf, DA Chapman, and JH Lee

Editorial [133](#)

125 Behaviorally Informed Strategies for a National COVID-19 Vaccine Promotion Program

KG Volpp, G Loewenstein, and AM Buttenheim

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

127 Digital Health—The Need to Assess Benefits, Risks, and Value

E Perakslis and GS Ginsburg

[Audio](#)

129 Building a Better Clinician Value-Based Payment Program in Medicare

KJ Johnston, JM Hockenberry, and KE Joynt Maddox

A PIECE OF MY MIND

131 Hummingbird Lessons

JN Zitter

In this narrative medicine essay, a critical care and palliative care physician draws a valuable lesson about the limits and beauty of last-ditch interventions after failing to save a fledgling hummingbird chick in its nest.

EDITORIAL

133 Deaths From COVID-19

HK Koh, AC Geller, and TJ VanderWeele

Viewpoint [123](#)

135 Removal of Race From Estimates of Kidney Function: First, Do No Harm

KC Norris, ND Eneanya, and LE Boulware

Clinical Review & Education

REVIEW

164 Glaucoma in Adults—Screening, Diagnosis, and Management: A Review

JD Stein, AP Khawaja, and JS Weizer

This narrative review provides an update on the epidemiology, pathophysiology, screening, diagnosis, treatment, and prognosis of glaucoma.

Related Article [177](#)

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

JAMA INSIGHTS

175 The Pharmacologic Treatment of Schizophrenia—2021

DC Goff

This JAMA Insights review summarizes medication options for patients with schizophrenia, including formulations and adverse effects of first- and second-generation antipsychotic drugs, and the psychosocial and rehabilitation interventions to improve treatment adherence and outcomes.

[Online at JAMA.com](#)

AUDIO

Editor's Summary of This Issue

Digital Health—The Need to Assess Benefits, Risks, and Value

Coronavirus Vaccine FDA Update

An Overview of Management of Glaucoma in Adults - 2021

VIDEO

Coronavirus Vaccine FDA Update

CME

Find CME quizzes online at jamacmelookup.com

INSTRUCTIONS FOR AUTHORS

jamanetwork.com/pages/for-authors

DEPARTMENTS

Staff Listing [105](#)

CME Questions [179](#)

Recruitment & Classified Advertising [191](#)

Contact Information [194](#)



Editor in Chief
Howard Bauchner, MD

[Available online](#)

jama.com

[continued >](#)

JAMA January 12, 2021 Volume 325, Number 2

101

In This Issue: January 12, 2021

FROM THE MEDICAL LETTER ON DRUGS AND THERAPEUTICS

177 Glaucoma

This Medical Letter review summarizes topical drug treatments for glaucoma by class, formulation, dosage, and cost.

Related Article [164](#)

 Audio

JAMA PATIENT PAGE

195 Prolactinomas

PP Huynh, LE Ishii, and M Ishii

This JAMA Patient Page describes the symptoms of prolactinomas, benign tumors of the pituitary gland, and explains how they are diagnosed and treated.

News & Analysis

MEDICAL NEWS & PERSPECTIVES

116 Pandemic Spotlights In-home Colon Cancer Screening Tests

MC Jaklevic

This article describes efforts to increase the use of in-home stool-based colon cancer screening during the COVID-19 pandemic.

THE JAMA FORUM

119 Postelection Prospects for Expanding Health Care Coverage

A Bindman

BIOTECH INNOVATIONS

121 Promising Strategies for Sickle Cell Disease and β -Thalassemia

121 Broad, Durable Antibody Response in Universal Flu Vaccine Trial

121 Mixed Findings in Pediatric Neuroblastoma CAR-T Therapy Trial

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

122 COVID-19 Precautions Hamper Breastfeeding Support

122 Health Workers' Antibody Levels Wane After SARS-CoV-2 Infection

Humanities

THE ARTS AND MEDICINE

113 "The Guts to Really Look at It"—Medicine and Race in Robert Colescott's *Emergency Room*

KS Balhara and N Irvin

This Arts and Medicine feature describes the use of the painting *Emergency Room*, by Robert Colescott, to broach uncomfortable discussions with emergency medicine trainees and faculty about organized medicine's contribution to racial injustice and inequity, past and present.

POETRY AND MEDICINE

189 Partners and Partners

S Lea

JAMA REVISITED

190 The Prevention of Diabetes Mellitus

Letters

RESEARCH LETTER

180 Influenza, Varicella, and Mumps Outbreaks in US Migrant Detention Centers

NC Lo and Coauthors

This study uses US Immigration and Customs Enforcement (ICE) Health Service Corps data to describe incident cases and outbreaks of influenza, varicella, and mumps in 22 US ICE detention centers between 2017 and March 2020.

Related Article [182](#)

182 COVID-19 Testing and Cases in Immigration Detention Centers, April-August 2020

P Erfani and Coauthors

This study describes monthly test, test positivity, and case rates for coronavirus disease 2019 (COVID-19) among individuals detained by US Immigration and Customs Enforcement (ICE) between April and August 2020.

Related Article [180](#)

184 Clinical Implications of Removing Race From Estimates of Kidney Function

JA Diao and Coauthors

This study uses NHANES data to compare estimated glomerular filtration rate from serum creatinine (eGFR_{Cr}) values calculated with vs without race as a variable, and to estimate the number of patients for whom nephrologist referrals and drug and renal replacement recommendations would change as a result according to KDIGO guidelines and Medicare benefit policies.

Editorial [135](#)

COMMENT & RESPONSE

Long-term Complications of Bariatric Surgery

186 D Weiss

In Reply

186 DE Arterburn, RF Kushner, and AP Courcoulas

Postoperative Atrial Fibrillation After Noncardiac Surgery and Stroke

187 S-M Hu, X-H Fang, and H-F Li

In Reply

187 KC Siontis, BJ Gersh, and AM Chamberlain

 Available online

jama.com