

In This Issue: March 16, 2021

Research

ORIGINAL INVESTIGATION

1053 Effect of a Single High Dose of Vitamin D₃ on Hospital Length of Stay in Patients With Moderate to Severe COVID-19: A Randomized Clinical Trial
IH Murai and Coauthors

This randomized trial compares the effects of a single 200 000-IU dose of vitamin D₃ vs placebo on length of stay in patients hospitalized with moderate to severe COVID-19.

Editorial **1047**

1061 Effect of Marine Omega-3 Fatty Acid and Vitamin D Supplementation on Incident Atrial Fibrillation: A Randomized Clinical Trial

CM Albert and Coauthors
This 2 × 2 factorial trial compares the effects of omega-3 fatty acids (460 mg/d of EPA and 380 mg/d of DHA) vs placebo, vitamin D₃ vs placebo, both, or neither on risk of incident atrial fibrillation (AF) among adults aged 50 years or older over a median of more than 5 years of treatment.

Editor's Note **1073**

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

1074 Characteristics and Outcomes of US Children and Adolescents With Multisystem Inflammatory Syndrome in Children (MIS-C) Compared With Severe Acute COVID-19

LR Feldstein and Coauthors
for the Overcoming COVID-19 Investigators
This case series uses national coronavirus disease 2019 (COVID-19) registry data to describe the epidemiology, clinical characteristics, complications, and hospital and postdischarge outcomes of pediatric patients with multisystem inflammatory syndrome in children (MIS-C) and to compare each in patients with severe COVID-19.

Opinion

VIEWPOINT

1033 Improving Health Among Rural Residents in the US
KB Kozhimannil and C Henning-Smith

1035 Improving the Health of the American Indian and Alaska Native Population
TD Sequist

[Available online](#)

jama.com

1037 SARS-CoV-2 Variants of Concern in the United States—Challenges and Opportunities

RP Walensky, HT Walke, and AS Fauci

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

1039 COVID-19 Vaccination in Pregnant and Lactating Women

EH Adhikari and CY Spong

Viewpoint **1041**

Related Article **1099**

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

1041 Involving Pregnant Individuals in Clinical Research on COVID-19 Vaccines

DW Bianchi, L Kaeser, and AN Cernich

Viewpoint **1039**

Related Article **1099**

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

1043 New Insights Into Plaque Erosion as a Mechanism of Acute Coronary Syndromes

D Kolte, P Libby, and I-K Jang

[Audio](#)

A PIECE OF MY MIND

1045 Somebody's Sunshine

EPinto Taylor

In this narrative medicine essay a geriatrics fellow describes the experience of preparing for and meeting her foster son and discusses her feelings of uncertainties that (mostly) melt away when sharing her new child's photo with a colleague the day after bringing him home.

EDITORIAL

1047 Vitamin D₃ to Treat COVID-19: Different Disease, Same Answer

DE Leaf and AA Ginde

Related Article **1053**

1049 The Reporting of Race and Ethnicity in Medical and Science Journals: Comments Invited

A Flanagan and Coauthors

EDITOR'S NOTE

1073 Omega-3 Fatty Acids and Atrial Fibrillation

G Curfman

Related Article **1061**

[Online at JAMA.com](#)

[AUDIO](#)

Editor's Summary of This Issue

New Insights Into Plaque Erosion as a Mechanism of Acute Coronary Syndromes

Coronavirus Update With CDC Director Rochelle Walensky - February 17, 2021

Coronavirus Vaccination in Pregnant and Breastfeeding Individuals

TIA and Acute Ischemic Stroke Part 1: Diagnosis

TIA and Acute Ischemic Stroke Part 2: Treatment

TIA and Acute Ischemic Stroke Part 3: Inpatient Management

COVID-19 Vaccine Safety—Anaphylaxis and Allergic Reactions

[VIDEO](#)

Coronavirus Update With CDC Director Rochelle Walensky - February 17, 2021

Coronavirus Vaccination in Pregnant and Breastfeeding Individuals

Coronavirus mRNA Vaccine Safety and Efficacy

[CME](#)

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[INSTRUCTIONS FOR AUTHORS](#)
jamanetwork.com/pages/for-authors

DEPARTMENTS

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Editor in Chief
Howard Bauchner, MD

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Clinical Review & Education

REVIEW

1088 Diagnosis and Management of Transient Ischemic Attack and Acute Ischemic Stroke:

A Review

SJ Mendelson and S Prabhakaran

This narrative review provides an update on management of transient ischemic attack (TIA) and acute ischemic stroke, emphasizing advances in use of dual antiplatelet therapy and fibrinolysis vs mechanical thrombectomy for secondary and tertiary prevention.

 Audio | CME

JAMA INSIGHTS

1099 Pregnancy, Postpartum Care, and COVID-19 Vaccination in 2021

SA Rasmussen and DJ Jamieson

This JAMA Insights review summarizes the epidemiology of SARS-CoV-2 infection in pregnant and lactating women, its effects on perinatal outcomes, and compiles guidance from the CDC, FDA, and obstetrics-gynecology specialty organizations on the safety of coronavirus vaccines during pregnancy and while breastfeeding.

Viewpoint 1039 and 1041

 Audio | Video

1101 Reports of Anaphylaxis After Receipt of mRNA COVID-19 Vaccines in the US—December 14, 2020-January 18, 2021

TT Shimabukuro, M Cole, and JR Su

This JAMA Insights review provides clinical details of anaphylactic reactions reported to and verified by the CDC in the first month of use of the Pfizer-BioNTech and Moderna COVID-19 vaccines in the US, December 14, 2020-January 18, 2021.

 Audio

JAMA CLINICAL CHALLENGE

1103 Pruritic Rash and Diarrhea

H Yano and M Kinjo

An 82-year-old woman reported 2 months of diarrhea and 2 weeks of pruritic rash on her extremities as well as a recent left radius fracture; she was malnourished but most laboratory parameters were normal except mild hyponatremia and levels of copper and zinc well below normal. What is the diagnosis and what would you do next?

 Available online

JAMA PATIENT PAGE

1118 Spontaneous Bacterial Peritonitis

G Zhang and A Jazwinski Faust

This JAMA Patient Page explains the causes, symptoms, diagnosis, and treatment of spontaneous bacterial peritonitis, an infection of fluid (ascites) that accumulates in the abdomen in liver disease and other conditions.

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1027 Pregnant People's Paradox—Excluded From Vaccine Trials Despite Having a Higher Risk of COVID-19 Complications

R Rubin

This Medical News Quick Uptake discusses the evidence in favor of administering COVID-19 vaccines to pregnant individuals.

Viewpoint 1039 and 1041

Related Article 1099

THE JAMA FORUM

1029 2020 Revealed How Poorly the US Was Prepared for COVID-19— and Future Pandemics

GR Wilensky

GLOBAL HEALTH

1031 Saving Tens of Thousands of Lives by Cutting Air Pollution

1031 Most Patients Hospitalized With COVID-19 Have Lasting Symptoms

1031 New WHO Guideline for Treating Chronic Pain in Children

NEWS FROM THE FOOD AND DRUG ADMINISTRATION

1032 CAR-T Therapy Is Approved for Non-Hodgkin Lymphoma

1032 Device Uses Electrical Stimulation to Control Snoring

1032 Helping Manufacturers Navigate Novel Coronavirus Variants

Humanities

POETRY AND MEDICINE

1114 A Fib

E Steinbaum

JAMA REVISITED

1115 The Achievement of the Army Medical Department in the World War

Letters

RESEARCH LETTER

1106 Telehealth Use Among Safety-Net Organizations in California During the COVID-19 Pandemic

L Uscher-Pines and Coauthors

This study describes trends in use of in-person, telephone, and video primary care and behavioral health visits to California Federally Qualified Health Centers from 2019 to August 2020 before and during the coronavirus disease 2019 (COVID-19) pandemic.

1108 Alcohol-Related Deaths in Poland During a Period of Weakening Alcohol Control Measures

WA Zatoński and Coauthors

This population epidemiology study describes trends in overall and age- and sex-specific alcohol-related deaths in Poland between 2002 and 2017, following the weakening in 2001 of policy measures designed to reduce alcohol consumption.

COMMENT & RESPONSE

Algorithm to Evaluate Abnormal Liver Function Tests in Liver Transplant Patients

1109 T Winter

In Reply

1110 EW Lee, S Saab, and FM Kaldas

Evaluation of a Strength-Training Program on Clinical Outcomes in Older Adults

1110 J Burtscher, GP Millet, and M Burtscher

1111 CW Baumann, TM Manini, and BC Clark

1111 CR Nigg, B Resnick, and DX Marquez

In Reply

1112 HA Bischoff-Ferrari, R Theiler, and C de Godoi Rezende Costa Molino