

## In This Issue: April 6, 2021

### Research

#### ORIGINAL INVESTIGATION

**1266 Effect of Low-Intensity vs High-Intensity Home-Based Walking Exercise on Walk Distance in Patients With Peripheral Artery Disease: The LITE Randomized Clinical Trial**  
MM McDermott and Coauthors

This randomized trial compares the effects of comfortable low-intensity home-based walking exercise vs high-intensity exercise sufficient to elicit ischemic symptoms vs nonexercise control on 6-minute walk distance among patients with peripheral arterial disease (PAD).

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

**1277 Effect of Celecoxib vs Placebo Added to Standard Adjuvant Therapy on Disease-Free Survival Among Patients With Stage III Colon Cancer: The CALGB/SWOG 80702 (Alliance) Randomized Clinical Trial**  
JA Meyerhardt and Coauthors

This randomized trial compares the effect of adding celecoxib to standard adjuvant chemotherapy in improving disease-free survival among patients treated for stage III colon cancer.

Editorial [1257](#)

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

**1286 Antimicrobial Use in a Cohort of US Nursing Homes, 2017**  
ND Thompson and Coauthors

This cross-sectional survey assessed the risks of antimicrobial use among 15 276 nursing home residents across 161 facilities.

Editorial [1259](#)

[CME](#)

### Opinion

#### VIEWPOINT

**1247 Reinventing the Center for Medicare and Medicaid Innovation**  
DM Berwick and R Gilfillan

**1249 The Potential Future of the COVID-19 Pandemic: Will SARS-CoV-2 Become a Recurrent Seasonal Infection?**  
CJL Murray and P Piot

[Audio](#)

**1251 Approaches for Optimal Use of Different COVID-19 Vaccines: Issues of Viral Variants and Vaccine Efficacy**

JP Moore

Editorial [1261](#)

Related Article [1318](#)

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**1253 The Future of Health Policy in a Partisan United States: Insights From Public Opinion Polls**

RJ Blendon, JM Benson, and EC Schneider

#### A PIECE OF MY MIND

**1255 Sitting in the River**

J Humphreys

In this narrative medicine essay, a palliative care physician finds the space between professional and patient distance thinning as the COVID pandemic drags on and wonders whether abiding with them is the lesson.

#### EDITORIAL

**1257 Celecoxib for Stage III Colon Cancer**

DJ Kerr, S Chamberlain, and RS Kerr

Related Article [1277](#)

**1259 Opportunities to Improve Antimicrobial Use in US Nursing Homes**

CJ Crnich and P Malani

Related Article [1286](#)

**1261 SARS-CoV-2 Viral Variants—Tackling a Moving Target**

JR Mascola, BS Graham, and AS Fauci

Viewpoint [1251](#)

Related Article [1324](#)

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**1263 To JAMA Authors, Reviewers, and Especially Physician Readers—A Profound Thank You**

PB Fontanarosa, H Bauchner, and R Golub

Related Article [1338](#)

### Online at JAMA.com

#### AUDIO

Editor's Summary of This Issue

The Potential Future of the COVID-19 Pandemic:  
Will SARS-CoV-2 Become a Recurrent Seasonal Infection?

Coronavirus Variants With John P. Moore

Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

Coronavirus (COVID-19) Update: Reusing Face Masks and N95 Respirators

Coronavirus Vaccines—An Overview

Effect of Space Travel on Human Health

#### VIDEO

Coronavirus Variants With John P. Moore

Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

#### CME

Find CME quizzes online at [jamacmelookup.com](http://jamacmelookup.com)

#### INSTRUCTIONS FOR AUTHORS

[jamanetwork.com/pages/for-authors](http://jamanetwork.com/pages/for-authors)

#### DEPARTMENTS

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#### CORRECTION 1335



Editor in Chief  
Howard Bauchner, MD



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[jama.com](http://jama.com)

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### Clinical Review & Education

#### REVIEW

##### 1296 Filtering Facepiece Respirator (N95 Respirator) Reprocessing: A Systematic Review

MA Schumm and Coauthors

In the context of widespread reuse and reprocessing of N95 respirators due to shortages caused by the COVID-19 pandemic, this systematic review summarizes evidence on effectiveness and feasibility of 5 decontaminating processes: UV irradiation, vaporized hydrogen peroxide, moist-heat incubation, microwave-generated steam, and ethylene oxide.

 Audio

#### JAMA INSIGHTS

##### 1318 SARS-CoV-2 Vaccines

CB Creech, SC Walker, and RJ Samuels

This JAMA Insights clinical review explains different approaches to SARS-CoV-2 vaccine development, including inactivated and protein subunit, viral vector, and mRNA immunization strategies, and summarizes safety and efficacy data for global products authorized for use or in later-stage clinical trials.

Viewpoint 1251

 Audio

#### FROM THE MEDICAL LETTER ON DRUGS AND THERAPEUTICS

##### 1321 Drugs for Atopic Dermatitis

This Medical Letter provides a Table summarizing key information about topical corticosteroids available for atopic dermatitis published as part of a comprehensive review on the topic.

#### JAMA PATIENT PAGE

##### 1356 Giardiasis

AN Desai

This JAMA Patient Page summarizes risk factors, symptoms, diagnosis, and treatment of giardiasis, an intestinal parasite infection that can cause gastrointestinal symptoms including nausea, stomach cramps, and prolonged diarrhea.

### News & Analysis

#### MEDICAL NEWS & PERSPECTIVES

##### 1241 COVID-19 Vaccines vs Variants—Determining How Much Immunity Is Enough

R Rubin

This Medical News feature examines what is known about the efficacy of COVID-19 vaccines against SARS-CoV-2 variants.

##### 1244 Experts Discuss COVID-19—Vaccine Questions, School Openings, and More

This Medical News article is a roundup of insights from recent livestream interviews with leading experts.

#### NEWS FROM THE FOOD AND DRUG ADMINISTRATION

##### 1246 A First in Surgical Devices for Transvaginal Hysterectomy

##### 1246 3D-Printed Implant Is Approved to Replace Ankle Joint Bone

##### 1246 Thermal Imaging Systems May Pose Public Health Risks

### Humanities

#### POETRY AND MEDICINE

##### 1336 Passing Out at the Hospital

D Barkin

#### JAMA REVISITED

##### 1337 The Medical Profession and the Public

### Letters

#### RESEARCH LETTER

##### 1324 Emergence of a Novel SARS-CoV-2 Variant in Southern California

W Zhang and Coauthors

This research describes findings of sequencing and phylogenetic analyses of SARS-CoV-2 isolates from symptomatic patients cared for at Cedar-Sinai Medical Center in November-December 2020 during a regional surge in cases and hospitalizations.

Editorial 1261

 Audio | Video

##### 1327 Changes in Shooting Incidence in Philadelphia, Pennsylvania, Between March and November 2020

JH Beard and Coauthors

This study uses police department registry data to describe trends in incidence of firearm shootings and deaths in January-November 2020, before and after the closure of nonessential businesses in March, the killing of George Floyd in May, and the partial lifting of containment policies in June.

##### 1328 Trends in Age at Natural Menopause and Reproductive Life Span Among US Women, 1959-2018

D Appiah and Coauthors

This national survey study uses the National Health and Nutrition Examination Survey (NHANES) to describe trends in age at natural menopause, age at menarche, and reproductive life span, and variables associated with shorter and longer spans, among US women between 1959-1962 and 2015-2018.

### COMMENT & RESPONSE

#### Whistleblowing and Misconduct at Large Pharmaceutical Firms

1331 T Hashimoto, A Ozaki, and T Tanimoto

#### In Reply

1331 DG Arnold, T Beck, and OJ Stewart

#### Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk

1332 B Olshansky, DL Bhatt, and MK Chung


1333 F Welty, B Bistrian, and D Driscoll

1333 Y Wang

1334 K-Y Park, H-K Park, and H-S Hwang

#### In Reply

1334 SE Nissen, AM Lincoff, and SJ Nicholls

 Available online