

In This Issue: April 21, 2020

Research

ORIGINAL INVESTIGATION

1456 Effect of Intravenous Zoledronic Acid on Tibiofemoral Cartilage Volume Among Patients With Knee Osteoarthritis With Bone Marrow Lesions: A Randomized Clinical Trial

G Cai and Coauthors

This randomized trial compares the effects of intravenous zoledronic acid vs placebo on magnetic resonance imaging–assessed knee cartilage volume loss in patients with symptomatic knee osteoarthritis and subchondral bone marrow lesions.

[Visual Abstract](#)

1467 Prevalence of Continuous Pulse Oximetry Monitoring in Hospitalized Children With Bronchiolitis Not Requiring Supplemental Oxygen

CP Bonafide and Coauthors

for the Pediatric Research in Inpatient Settings (PRIS) Network

This study characterizes use of continuous pulse oximetry monitoring in hospitalized children with bronchiolitis who do not require supplemental oxygen in Canadian and US hospitals.

Editorial [1449](#)

1478 Prevalence and Outcomes of Infection Among Patients in Intensive Care Units in 2017

J-L Vincent and Coauthors

for the EPIC III Investigators

This study characterizes the point prevalence and outcomes of infection among adult patients treated at international intensive care units during a 24-hour period.

Editorial [1451](#)

1488 Epidemiologic Features and Clinical Course of Patients Infected With SARS-CoV-2 in Singapore

BE Young and Coauthors

for the Singapore 2019 Novel Coronavirus Outbreak Research Team

This case series describes the epidemiologic features, clinical presentation, treatment, and outcomes of the first 18 patients with confirmed coronavirus disease 2019 (COVID-19) in Singapore.

Related Article [1502](#)

[Video | CME](#)

Opinion

VIEWPOINT

1437 Diagnostic Testing for the Novel Coronavirus

JM Sharfstein, SJ Becker, and MM Mello

[Audio | Video](#)

1439 Supporting the Health Care Workforce During the COVID-19 Global Epidemic

JG Adams and RM Walls

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JAMA Patient Page [1516](#)

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1441 From Containment to Mitigation of COVID-19 in the US

SM Parodi and VX Liu

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JAMA Patient Page [1516](#)

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1443 The Need to Improve the Clinical Utility of Direct-to-Consumer Genetic Tests: Either Too Narrow or Too Broad

MK Kilbride and AR Bradbury

1445 Consumer Genomic Testing in 2020

WG Feero and CA Wicklund

Viewpoint [1443](#)

A PIECE OF MY MIND

1447 Empathy Revisited

G Gubernikoff

In this narrative medicine essay, a cardiologist recalls the effects his wife's death had on his young family and the humility he brings to being with patients in their traumas as a result.

EDITORIAL

1449 Overuse of Continuous Pulse Oximetry for Bronchiolitis: The Need for Deimplementation Science

CC Cheston and RJ Vinci

Related Article [1467](#)

1451 Infection, Antibiotics, and Patient Outcomes in the Intensive Care Unit

M Yin, PA Tambyah, and EN Perencevich

Related Article [1478](#)

1453 Sexual Misconduct in Academic Medicine

JA Freischlag and K Files

Related Article [1503](#)

Online at JAMA.com

MULTIMEDIA

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

[Audio](#): COVID-19 in Seattle: Clinical Features and Managing the Outbreak

[Audio](#): Coronavirus Testing – March 16 Q&A with the CDC's Jay Butler, MD

[Audio](#): COVID-19: Applying What Was Learned by SARS to a Modern Pandemic

[Audio](#): Coronavirus Disease 2019 (COVID-19) Update: PCR Testing and Shortages

[Author Audio Interview](#): The Need to Improve the Clinical Utility of Direct-to-Consumer Genetic Tests

[Summary Video](#): COVID-19 Update From China

[Summary Video](#): Coronavirus in Italy—Report From the Front Lines

[Summary Video](#): Coronavirus Testing

[Videos](#): Coronavirus Update with Anthony Fauci, MD – March 18, 2020

[Videos](#): Coronavirus (COVID-19) Mitigation: Preparing Hospitals and Health Systems

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Howard Bauchner, MD

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EDITOR'S NOTE

1455 Correcting the Scientific Record—Retraction and Replacement of a Report on Dialysis Ownership and Access to Kidney Transplantation

H Bauchner, A Flanagin, and PB Fontanarosa

Related Article **1509**

Clinical Review & Education

JAMA INSIGHTS

1495 The Menopause Transition and Cognition
GA Greendale, AS Karlamangla, and PM Maki

This JAMA Insights article summarizes the subjective cognitive problems experienced by some women during perimenopause (menopausal transition) and provides guidance to physicians on how to effectively answer patients' questions and recognize when these symptoms may require clinical intervention.

1497 Tinnitus

JF Piccirillo, TL Rodebaugh, and EJ Lenze

This JAMA Clinical Insights article reviews the diagnosis and treatment of chronic tinnitus based on current understanding of symptom mechanisms and emphasizes the importance of behavioral therapies (tinnitus retraining) and personalized treatment whenever possible.

1499 Care for Critically Ill Patients With COVID-19

S Murthy, CD Gomersall, and RA Fowler

This JAMA Insights article reviews care for the most severely ill patients with coronavirus disease 2019 (COVID-19), including standards of management of ARDS, preventing SARS-CoV-2 spread in health care settings, and surge preparation.

Related Article **1502**

JAMA PATIENT PAGE

1516 Stopping the Spread of COVID-19

AN Desai and P Patel

This JAMA Patient Page describes how coronavirus disease 2019 (COVID-19) is spread and measures people can take to avoid acquiring COVID-19.

Viewpoint **1439** and **1441**

1517 Medical Masks

AN Desai and P Mehrotra

This JAMA Patient Page describes the purpose and proper use of medical masks for prevention of respiratory infection.

 Available online

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1429 Melanoma Diagnoses Rise While Mortality Stays Fairly Flat, Raising Concerns About Overdiagnosis

R Rubin

This Medical News story examines the question of whether some melanomas might be better left undetected.

1431 FDA Trials Find Sunscreen Ingredients in Blood, but Risk Is Uncertain

J Abbasi

This Medical News article is an interview with FDA scientist David Strauss, MD, PhD, about his recent studies in JAMA investigating sunscreen safety.

THE JAMA FORUM

1433 Medicaid Work Requirements Shift to New Terrain

BD Sommers and HL Allen

GLOBAL HEALTH

1435 Boosting Rwanda's Health Workforce

1435 Ramping up Diagnostics in Resource-Poor Countries

1435 Put an End to Obesity Stigma, International Panel Urges

NEWS FROM THE FOOD AND DRUG ADMINISTRATION

1436 HCV Drug Used in Adults Receives Approval for Pediatric Patients

1436 Graphic Health Images Are Coming to Cigarette Packaging

1436 New Therapy Offers Direct Cortisol Control for Cushing Disease

Humanities

POETRY AND MEDICINE

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H Bair

1512 JAMA REVISITED

Letters

RESEARCH LETTER

1502 Positive RT-PCR Test Results in Patients Recovered From COVID-19

L Lan and Coauthors

This case series describes reverse transcriptase-polymerase chain reaction (RT-PCR) test results in 4 health professionals discharged from hospitalization or quarantine after 2 negative RT-PCR test results and resolution of clinical COVID-19 infection.

Viewpoint **1439** and **1441**

Related Articles **1488** and **1499**

 Audio

1503 Characteristics of Faculty Accused of Academic Sexual Misconduct in the Biomedical and Health Sciences

M Espinoza and D Hsiehchen

This study uses internet search data to identify and characterize biomedical and health sciences faculty at US higher education institutions who had sexual misconduct accusations against them between 1982 and 2019 that led to institutional or legal actions proving or supporting guilt.

Editorial **1453**

COMMENT & RESPONSE

Use of Frozen Embryo Transfer During Fertility Treatment and Risk of Childhood Cancer

1505 L Parmegiani and G Vajta

In Reply

1505 M Hargreave, A Jensen, and SK Kjaer

Paralytic Agents for Intubation in the Out-of-Hospital Setting

1506 AE Patanwala

1507 B Drexler and C Grasshoff

In Reply

1507 B Guihard and X Combes

Techniques for Treatment of Carotid Stenosis

1508 S Sharma, N Bhambi, and B Bhambi

In Reply

1508 ML Schermerhorn and P Liang

1509 Notice of Retraction and Replacement.

Gander et al. Association Between Dialysis Facility Ownership and Access to Kidney Transplantation. JAMA. 2019;322(10):957-973

JC Gander and Coauthors

Editor's Note **1455**