

## In This Issue: April 14, 2020

### Research

#### ORIGINAL INVESTIGATION

**1353 Effect of Dapagliflozin on Worsening Heart Failure and Cardiovascular Death in Patients With Heart Failure With and Without Diabetes**

MC Petrie and Coauthors

This exploratory analysis of a randomized trial examined the effect of dapagliflozin on a composite of worsening heart failure or cardiovascular death on individuals with heart failure with reduced ejection fraction with and without diabetes.

Editorial **1349**

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

**1369 Effect of a Chikungunya Virus–Like Particle Vaccine on Safety and Tolerability Outcomes: A Randomized Clinical Trial**

GL Chen and Coauthors  
for the VRC 704 Study Team

This clinical trial tested whether the chikungunya virus–like particle vaccine was safe for participants living in chikungunya endemic areas.

Editorial **1351**

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

**1378 Effect of Preemptive Therapy vs Antiviral Prophylaxis on Cytomegalovirus Disease in Seronegative Liver Transplant Recipients With Seropositive Donors: A Randomized Clinical Trial**

N Singh and Coauthors

This randomized trial compares preemptive therapy vs antiviral prophylaxis with valganciclovir in cytomegalovirus (CMV)-seronegative liver transplant recipients with seropositive donors for the prevention of CMV disease.

Editor's Note **1388**

[Visual Abstract](#)

### Opinion

#### VIEWPOINT

**1339 COVID-19—New Insights on a Rapidly Changing Epidemic**

C del Rio and PN Malani

Viewpoint **1341** and **1343**

Related Article **1406**

**1341 Response to COVID-19 in Taiwan: Big Data Analytics, New Technology, and Proactive Testing**

CJ Wang, CY Ng, and RH Brook

Viewpoint **1339**

Related Article **1406**

**1343 Priorities for the US Health Community Responding to COVID-19**

AA Adalja, E Toner, and TV Inglesby

Viewpoint **1339**

Related Article **1406**

**1345 When Guidelines Recommend Shared Decision-making**

DM Rabi, M Kunneman, and VM Montori

[Audio](#)

### A PIECE OF MY MIND

**1347 Listless**

R Fleishman

In this narrative medicine essay, a neonatologist struggles with the perfectionism she cultivated during her pediatric training in knowing how to help her son's constipation and in the process learns true compassion for patients' families.

### EDITORIAL

**1349 A Novel Cardioprotective Therapy That Also Improves Glycemia**

B Neal and C Arnott

Related Article **1353**

**1351 A New Vaccine for Chikungunya Virus**

KA Stapleford and MJ Mulligan

Related Article **1369**

### EDITOR'S NOTE

**1388 Preventing Cytomegalovirus Infection After Liver Transplant: An Evolving Approach**

AN Desai and PN Malani

Related Article **1378**

### Online at JAMA.com

#### MULTIMEDIA

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

[Audio Author Interview](#): COVID-19 Update With NIAID's Anthony Fauci, MD; March 6, 2020

[Audio](#): Parkinson Disease Information for Patients

[Audio](#): Update on Coronavirus: March 6, 2020, by NIAID's Anthony Fauci, MD

[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](#): Coronavirus (COVID-19) Update: Early Safety Signals Around Ibuprofen and Renin-Angiotensin Inhibitors

[Author Audio Interview](#): When Guidelines Recommend Shared Decision-making

#### INSTRUCTIONS FOR AUTHORS

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

#### DEPARTMENTS

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Editor in Chief  
Howard Bauchner, MD

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*continued >*

## In This Issue: April 14, 2020

### Clinical Review & Education

#### REVIEW

**1389** **Diagnosis and Management of Obstructive Sleep Apnea: A Review**  
DJ Gottlieb and NM Punjabi

This review provides an update on the epidemiology, pathophysiology, diagnosis, and management of obstructive sleep apnea, including the incorporation of questions regarding snoring, breathing pauses at night, and excessive fatigue or sleepiness during the day at routine clinician visits and the increased use of home sleep apnea testing rather than in-hospital testing for diagnostic purposes.

■ CME

#### JAMA GUIDE TO STATISTICS AND METHODS

**1401** **Why Test for Proportional Hazards?**  
MJ Stensrud and MA Hernán

This JAMA Guide to Statistics and Methods explains the meaning underlying the proportional hazards (PH) assumption underlying Cox regression and survival analyses, and proposes that reports of survival differences might replace statistical tests of the PH assumption because they are more meaningful.

#### JAMA INSIGHTS

**1403** **Diagnosis and Treatment of *Clostridioides (Clostridium) difficile* Infection in Adults in 2020**  
K Rao and PN Malani

This JAMA Insights Clinical Update summarizes updated evidence regarding diagnosis and management of *Clostridioides* (formerly *Clostridium*) *difficile* infection (CDI) in adults, including review of new toxin detection assays and biologic treatments.

### JAMA PATIENT PAGE

**1420** **Choosing a Parkinson Disease Treatment**

MJ Armstrong and MS Okun

This JAMA Patient Page describes treatment options for individuals with Parkinson disease.

■ Audio

### News & Analysis

#### MEDICAL NEWS & PERSPECTIVES

**1330** **Boosting the Ranks of American Indian and Alaska Native Physicians**

BM Kuehn

This Medical News article discusses programs that enable more American Indian/Alaska Native students to enter medical school.

■ Video

**1333** **Matters of the Mind—Sleep Medications and Dementia Risk, Depression and Weight Gain, Opioids and Mental Disorders**

R Rubin

Matters of the Mind offers an occasional look at recent research into the relationship between the mind and the body.

#### JAMA INFOGRAPHIC

**1335** **Coronavirus Disease 2019 (COVID-19) in Italy**

#### BIOTECH INNOVATIONS

**1336** **Alzheimer Blood Test Using Tau Biomarker Is in Development**

**1336** **FLU-v, a Universal Flu Vaccine Candidate, Advances in Trial**

**1336** **Artificial Intelligence–Based Skin Cancer Phone Apps Unreliable**

#### NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

**1337** **Legionnaires Disease Death Linked to Home Water Contamination**

**1337** **US-Acquired Chagas Disease Case Found After Blood Donation**

### Humanities

#### POETRY AND MEDICINE

**1413** **Imaging**

BJ Butka

#### JAMA REVISITED

**1414** **The Prevailing Pandemic of Influenza**

#### Letters

#### RESEARCH LETTER

**1406** **Presumed Asymptomatic Carrier Transmission of COVID-19**

Y Bai and Coauthors

This study describes possible transmission of novel coronavirus disease 2019 (COVID-19) from an asymptomatic Wuhan resident to 5 family members in Anyang, a Chinese city in the neighboring province of Hubei.

Viewpoint **1339**, **1341**, and **1343**

■ Audio | Audio

**1407** **Association Between Nocturnist Supervision and Perceived Overnight Supervision Adequacy Among Internal Medicine Residents in the US**

JS Catalanotti and Coauthors

This cross-sectional study uses data from a voluntary survey that was administered during the American College of Physicians Internal Medicine In-Training Examination to assess whether residents in programs with nocturnists perceived nighttime supervision differently than those in programs without nocturnists.

#### COMMENT & RESPONSE

**1409** **Suicides Among Opioid Overdose Deaths**

PS Nestadt

#### In Reply

**1410** M Olfson, MM Wall, and C Blanco

**1411** **Kidney Function in Patients With Type 2 Diabetes After Vitamin D Supplementation**

AN Peiris

#### In Reply

**1411** IH de Boer, LR Zelnick, and JE Manson

■ Available online