

In This Issue: December 8, 2020

Research

ORIGINAL INVESTIGATION

2268 Effect of High-Dose Omega-3 Fatty Acids vs Corn Oil on Major Adverse Cardiovascular Events in Patients at High Cardiovascular Risk: The STRENGTH Randomized Clinical Trial

SJ Nicholls and Coauthors

This randomized trial examines the effects on cardiovascular outcomes of a carboxylic acid formulation of EPA and DHA (omega-3 CA) with documented favorable effects on lipid and inflammatory markers in patients with atherogenic dyslipidemia and high cardiovascular risk.

Editorial **2262**

Editor's Note **2280**

+ Visual Abstract

2282 Effect of Co-trimoxazole (Trimethoprim-Sulfamethoxazole) vs Placebo on Death, Lung Transplant, or Hospital Admission in Patients With Moderate and Severe Idiopathic Pulmonary Fibrosis: The EME-TIPAC Randomized Clinical Trial

AM Wilson and Coauthors

on behalf of the EME-TIPAC Team

This randomized clinical trial compares the effects of co-trimoxazole (trimethoprim-sulfamethoxazole [TMP-SMX]) vs placebo on time to death, lung transplant, or hospital admission in patients with moderate or severe idiopathic pulmonary fibrosis (IPF).

+ CME

PRELIMINARY COMMUNICATION

2292 Fluvoxamine vs Placebo and Clinical Deterioration in Outpatients With Symptomatic COVID-19: A Randomized Clinical Trial

EJ Lenze and Coauthors

This randomized trial compares the effects of fluvoxamine, a selective serotonin reuptake inhibitor with immunomodulatory effects vs placebo on a composite of dyspnea or pneumonia and oxygen desaturation among adult outpatients with polymerase chain reaction-confirmed mild coronavirus disease 2019 (COVID-19) illness.

Editor's Note **2300**

+ Visual Abstract

+ Available online

jama.com

Opinion

VIEWPOINT

2251 A Proposed Framework and Timeline of the Spectrum of Disease Due to SARS-CoV-2 Infection: Illness Beyond Acute Infection and Public Health Implications

SD Datta, A Talwar, and JT Lee

2253 Older Adults and the Mental Health Effects of COVID-19

IV Vahia, DV Jeste, and CF Reynolds III

+ Audio

2255 Science Denial and COVID Conspiracy Theories: Potential Neurological Mechanisms and Possible Responses

BL Miller

2257 COVID-19, Decarceration, and the Role of Clinicians, Health Systems, and Payers: A Report From the National Academy of Sciences, Engineering, and Medicine

EA Wang, B Western, and DM Berwick

2259 Improving Care for Heart Failure With Reduced Ejection Fraction—A Potential Polypill-Based Strategy

A Agarwal, CW Yancy, and MD Huffman

A PIECE OF MY MIND

2261 Prejudice

VG Cheung

In this narrative medicine essay, a senior faculty investigator describes common reactions to her visible disability and calls for recruitment of a diverse workforce into academic medicine's workforce and leadership positions to normalize physical differences immaterial to the pursuit of outstanding science and patient care.

EDITORIAL

2262 Effects of Omega-3 Fatty Acids on Major Adverse Cardiovascular Events: What Matters Most: the Drug, the Dose, or the Placebo?

G Sharma, SS Martin, and RS Blumenthal

Related Article **2268**

Editor's Note **2280**

2265 Evolving Strategies for Long-term Asthma Management

S Lovinsky-Desir and GT O'Connor

Related Article **2301**

EDITOR'S NOTE

2280 Do Omega-3 Fatty Acids Benefit Health?

G Curfman

Editorial **2262**

Related Article **2268**

+ Online at JAMA.com

MULTIMEDIA

+ **Editor's Audio Summary:** Listen as editors discuss this week's issue

+ **Audio Author Interview:** The Intersection Between Flu and COVID-19

+ **Audio Author Interview:** Driving and Cannabis Use

+ **Audio Author Interview:** The Effect of COVID-19 on the 2020-2021 Influenza Season

+ **Audio:** Live from AHA 2020: Highlights from the American Heart Association's Virtual Scientific Sessions

+ **Author Audio Interview:** Older Adults and the Mental Health Effects of COVID-19

+ **CME:** Find CME quizzes online at jamacmelookup.com

INSTRUCTIONS FOR AUTHORS

+ jamanetwork.com/pages/for-authors

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Editor in Chief
Howard Bauchner, MD

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2300 COVID-19 Infection—Preventing Clinical Deterioration
CW Seymour, H Bauchner, and RM Golub
Related Article [2292](#)

Clinical Review & Education

SPECIAL COMMUNICATION

2301 Managing Asthma in Adolescents and Adults: 2020 Asthma Guideline Update From the National Asthma Education and Prevention Program
MM Cloutier and Coauthors

This guideline summarizes updated recommendations for management of asthma in adolescents and adults, focusing on evidence for use of inhaled corticosteroids (ICSs), add-on long-acting muscarinic antagonists (LAMAs), fractional exhaled nitric oxide (FeNO) testing, indoor allergen mitigation, immunotherapy, and evidence against use of bronchial thermoplasty.

Editorial [2265](#)

Audio

JAMA INSIGHTS

2318 Preparing for the 2020-2021 Influenza Season

TM Uyeki, J Santoli, and DB Jernigan

This JAMA Insights Clinical Update discusses the importance of established influenza prevention and control measures, including influenza vaccination and antiviral treatment, as the Global North enters its first influenza season in the COVID-19 pandemic.

JAMA Patient Page [2334](#)

Audio

JAMA DIAGNOSTIC TEST INTERPRETATION

2320 Urinary Magnesium in the Evaluation of Hypomagnesemia

BM Tucker, JL Pirkle Jr, and R Raghavan

A 63-year-old woman with type 2 diabetes was referred for refractory hypomagnesemia (1.4 mg/dL; low normal, 1.8 mg/dL). Her medications included liraglutide, metformin, lisinopril, and magnesium oxide (400 mg twice daily). A recent hemoglobin A_{1c} level was 10.8%, and her urinary magnesium was 117 mg. How do you interpret the urine level, and what would you do next?

Available online

JAMA PATIENT PAGE

2334 High-risk Groups for Influenza Complications

TM Uyeki

This JAMA Patient Page describes the groups of people who are at high risk of complications from influenza infection, how to reduce risk through vaccination, and steps high-risk people should take if they develop influenza symptoms.

Related Article [2318](#)

Audio

News & Analysis

MEDICAL NEWS & PERSPECTIVES

2242 Looking to Long-term Survivors for Improved Pancreatic Cancer Treatment

BM Kuehn

This Medical News article examines how studying the characteristics of long-term pancreatic cancer survivors might improve treatment and boost survival for others who have the disease

THE JAMA FORUM

2245 Four COVID-19 Lessons for Achieving Health Equity

SM Butler

BIOTECH INNOVATIONS

2247 Using Smartwatch Data to Detect COVID-19 Cases Early

2247 Long-acting Cabotegravir Shot Prevents HIV Among Women

2247 Neurodegenerative Dementias Are Differentiated on PET Scans

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

2248 Supplement Use Is Common Among Children and Adolescents

2248 Pulmonary Fungal Infections Affect Patients With COVID-19

Humanities

THE ARTS AND MEDICINE

2240 Let Me Not Be Mad—My Story of Unraveling Minds: Neuropsychiatric Self-portrait in a Convex Mirror

ES Schwartz

This Arts and Medicine feature reviews a memoir by a pseudonymous UK neuropsychologist who, through creative telling of case histories, questions the boundaries between doctor and patient, brain and mind, language and thought, and well and unwell.

POETRY AND MEDICINE

2329 Notes on Perimenopause
N Cohen

JAMA REVISITED

2330 The Fly in Court

2330 A Supreme Court's Pronouncement Against the Fly

Letters

RESEARCH LETTER

2323 Peripheral Oxygen Saturation in Older Persons Wearing Nonmedical Face Masks in Community Settings

NC Chan, K Li, and J Hirsh

This study describes changes in portable oximeter-measured peripheral oxygen saturation (SpO₂ or O₂sat) in older adults before, during, and after wearing a 3-layer plane-shaped disposable nonmedical face mask widely used to protect against COVID-19.

2324 Neurodevelopmental Outcomes at Age 5 Years After Prophylactic Early High-Dose Recombinant Human Erythropoietin for Neuroprotection in Very Preterm Infants

G Natalucci and Coauthors

for the Swiss EPO Neuroprotection Trial Group
This study reports 5-year neurodevelopmental outcomes for Swiss children born before 32 weeks' gestation and randomized at birth to receive early high-dose recombinant human erythropoietin (rhEpo) vs placebo.

COMMENT & RESPONSE

Intravenous Acetaminophen in Postoperative Patients

[2327](#) SR Shankar

In Reply

[2327](#) A Turan and DI Sessler

Coding Errors in Study of Factors Associated With SARS-CoV-2 Antibodies in Health Care Personnel

[2328](#) KW Davidson