

## In This Issue: October 17, 2023

## Research

## ORIGINAL INVESTIGATION

**1437 Effects of the Million Hearts Model on Myocardial Infarctions, Strokes, and Medicare Spending: A Randomized Clinical Trial**

L Blue and Coauthors

This cluster-randomized clinical trial examines the effects of the Million Hearts Model on first-time myocardial infarctions and strokes and Medicare spending over a period up to 5 years.

Editorial 1430

Visual Abstract

**1448 Eplontersen for Hereditary Transthyretin Amyloidosis With Polyneuropathy**

T Coelho and Coauthors

for the NEURO-TTRansform Investigators

This open-label, single-group, phase 3 trial evaluates eplontersen, an investigational ligand-conjugated antisense oligonucleotide, in adults with hereditary amyloid transthyretin (ATTRv) polyneuropathy at 40 sites in 15 countries, compared with historical controls.

Editorial 1433

Related Article 1484

**1459 Orthostatic Hypotension, Hypertension Treatment, and Cardiovascular Disease: An Individual Participant Meta-Analysis**

SP Juraschek and Coauthors

This individual participant data meta-analysis assesses the effect of a lower blood pressure (BP) treatment goal or active therapy vs a standard BP treatment goal or placebo on cardiovascular disease or all-cause mortality among adults with orthostatic hypotension or standing hypotension.

Editorial 1435

CME

## Opinion

## VIEWPOINT

**1423 Adventures With Parasites, Metabolism, Inborn Errors, and Cancer: The 2023 Lasker-Koshland Special Achievement Award in Medical Science**

P Borst

Viewpoint 1425 and 1427

**1425 The Protein Structure Prediction Revolution and Its Implications for Medicine: 2023 Albert Lasker Basic Medical Research Award**

J Jumper and D Hassabis

Viewpoint 1423 and 1427

**1427 Optical Coherence Tomography—History, Evolution, and Future Prospects: 2023 Lasker-DeBakey Clinical Medical Research Award**

JG Fujimoto, EA Swanson, and D Huang

Viewpoint 1423 and 1425

Audio

## A PIECE OF MY MIND

**1429 A Commitment to Making Health Care Personal**

DM Spiro

In this narrative medicine essay, an emergency medicine pediatrician describes the care his mother received in her last days and calls on the health care profession to aim for providing a personal touch when caring for patients.

## EDITORIAL

**1430 Million Hearts Cardiovascular Disease Risk Reduction Model**

GS Tajeu, K Joynt Maddox, and LC Brewer

Related Article 1437

**1433 Novel Treatments for Hereditary ATTRv Amyloidosis**

A González-Duarte

Related Article 1448

**1435 Treating Hypertension in Patients With Orthostatic Hypotension: Benefits vs Harms in the Era of Aggressive Blood Pressure Lowering**

JB Byrd, JD Bisognano, and RD Brook

Related Article 1459

## Clinical Review &amp; Education

## REVIEW

**1472 Hyperthyroidism: A Review**

SY Lee and EN Pearce

This review summarizes current evidence regarding the pathophysiology, clinical presentation, and treatment of hyperthyroidism, focusing on the management of Graves disease and toxic nodular disease.

Audio | CME

## Online at JAMA.com

## AUDIO

Editor's Summary of This Issue

AI and Clinical Practice—  
the Potential for AI to Augment  
Humanity in Medicine

Optical Coherence Tomography (OCT):  
Imaging Modalities in Clinical Practice

Diagnosis and Treatment  
of Hyperthyroidism

## CME

CME online at  
jamacmelookup.com

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Editor in Chief  
Kirsten Bibbins-Domingo, PhD, MD, MAS



continued &gt;

Available online

jama.com



## In This Issue: October 17, 2023

## JAMA GUIDE TO STATISTICS AND METHODS

## 1484 The Use of Historical Controls in Clinical Trials

JD Marion and AD Althouse

This JAMA Guide to Statistics and Methods explains the use of historical controls—persons who had received a specific control treatment in a previous study—when randomizing participants to that control treatment in a subsequent trial may not be practical or ethical.

Related Article 1448

CME

## JAMA INSIGHTS

## 1486 Uterine Prolapse

OE Brown, TP Mou, and MF Ackenbom

This JAMA Insights in the Women's Health series discusses diagnosis of uterine prolapse and available surgical and nonsurgical treatment options.

CME

## JAMA PATIENT PAGE

## 1499 Nonprescription Heartburn Medications for Adults

SE Vordenberg

This JAMA Patient Page describes the types of nonprescription heartburn medications: antacids, histamine 2 blockers, and proton pump inhibitors.

## News &amp; Analysis

## MEDICAL NEWS &amp; PERSPECTIVES

## 1411 Who Should—and Can—Get Lecanemab, the New Alzheimer Disease Drug?

R Rubin

This Medical News story examines the complexity of determining who to treat with lecanemab, the new Alzheimer disease drug.

## 1416 The Promise and Pitfalls of AI in the Complex World of Diagnosis, Treatment, and Disease Management

R Voelker

In this Medical News article, Ida Sim, MD, PhD, a primary care physician and computational precision health expert at the University of California, San Francisco, discusses the ramifications of using AI technologies in patient care.

Audio | Video

Available online

## 1420 Updated COVID-19 Vaccine Now Available in US, Recommended for Everyone Older Than 6 Months

R Rubin

This Medical News article discusses the new COVID-19 vaccine and recommendations for fall 2023.

## MEDICAL NEWS IN BRIEF

## 1421 Exercise Programs Might Improve Long COVID

E Harris

1421 *C difficile* Cross-Transmission in US ICUs May Be Rare, Study Suggests

E Harris

## 1421 NIH Launches Phase 1 Trial of Broader “Universal” Flu Vaccine

E Harris

## 1421 Systematic Review Finds the Most Effective Smoking Cessation Aids

E Harris

## 1422 Wastewater Surveillance Predicts Large-Scale Flu, RSV Trends

E Harris

## 1422 Most People With GERD Don't Have Increased Esophageal Cancer Risk

E Harris

## 1422 Air Pollution Tied With Increased Chance of Breast Cancer

E Harris

## 1422 ADHD Medication Incidents on the Rise Since 2000

E Harris

## 1422 4.5 Billion People Lack Coverage for Essential Health Services

E Harris

## Humanities

## POETRY AND MEDICINE

## 1495 Images of the Week

W Stead

## JAMA REVISITED

## 1496 SLEEP

## Letters

## RESEARCH LETTER

## 1488 Reported Risky Alcohol Use Among US Adults Prescribed 3 Classes of Chronic Alcohol-Interactive Medications

EY Bernstein, TP Baggett, and TS Anderson

This study uses data from the 2013–March 2020 National Health and Nutrition Examination Survey to assess contemporary patterns of risky alcohol use among adults taking high-risk alcohol-interactive medications (benzodiazepine receptor agonists, opioids, and antiepileptics).

## COMMENT &amp; RESPONSE

## Vitamin K Antagonists and Intracranial Hemorrhage After Endovascular Thrombectomy

## 1490 AS Perera Molligoda Arachchige

## In Reply

## 1490 B Mac Grory and Y Xian

## Postacute Sequelae of SARS-CoV-2 Infection

## 1491 A Batra, A Nath, and IJ Koralnik

## In Reply

## 1492 T Thaweethai and AS Foulkes

## Ethical Concerns for Amniotomies

## 1492 MA Atkinson and JL Miller

## In Reply

## 1493 OD Soffer, TJ Mauch, and MA Muff-Luett