

## In This Issue: April 22/29, 2025

### Research

#### ORIGINAL INVESTIGATION

##### 1403 Effects of Combining Coronary Calcium Score With Treatment on Plaque Progression in Familial Coronary Artery Disease: A Randomized Clinical Trial

N Nerlekar and Coauthors  
for the Coronary Artery Calcium Score: Use to Guide Management of Hereditary Coronary Artery Disease (CAUGHT-CAD) Investigators

This clinical trial evaluates the efficacy of combining coronary artery calcium scoring with a prevention strategy to limit plaque progression in intermediate-risk patients with a family history of premature coronary artery disease.

Editorial [1398](#)  
Related Article [1447](#)

[+](#) Visual Abstract | Audio

##### 1413 High-Dose Vitamin D in Clinically Isolated Syndrome Typical of Multiple Sclerosis: The D-Lay MS Randomized Clinical Trial

E Thouvenot and Coauthors  
for the D-Lay MS Investigators

This randomized clinical trial examines the efficacy of high-dose cholecalciferol (vitamin D) as monotherapy in reducing disease activity in patients with clinically isolated syndrome typical of multiple sclerosis.

[+](#) Visual Abstract

##### 1423 Population-Scale Studies of Protein S Abnormalities and Thrombosis

SA Chaudhry and Coauthors

This cross-sectional study evaluates the risk associated with protein S deficiency across multiple arterial thrombosis phenotypes in population-level cohorts.

Editorial [1401](#)

[+](#) CME

#### RESEARCH LETTER

##### 1451 HIV Viral Suppression With Use of Long-Acting Antiretroviral Therapy in People With and Without Initial Viremia

MA Spinelli and Coauthors

This study uses electronic medical record data to compare 48-week viral load outcomes after starting long-acting antiretroviral therapy among people in the US with HIV with or without viremia from January 2021 through September 2024.

[+](#) Available online

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

##### 1453 Trends in Travel Time to Obtain Surgical Care for Rural Patients

CL Mullens and Coauthors

This study investigates changes in travel time for rural and nonrural US patients undergoing surgical care from 2010 to 2020.

### Opinion

#### VIEWPOINT

##### 1387 The Second Legacy of Henrietta Lacks

J Menikoff

##### 1389 Intrusion in the Practice of Medicine

S Baruch, LP King, and C Shachar

##### 1391 Patient Report May Understate Walking Disability in Peripheral Artery Disease

MM McDermott and D Cella

#### PERSPECTIVE

##### 1393 Pulse Oximetry and Skin Pigmentation—New Guidance From the FDA

MS Lipnick and Coauthors

This Perspective discusses new FDA guidance for pulse oximeters that aims to reduce disparities in device performance related to skin pigment.

[+](#) Audio

#### A PIECE OF MY MIND

##### 1396 The Last Conversation

DA Handel

In this narrative medicine essay, an emergency physician who knows well the look of coming death reflects on his communication regrets in the final days and hours of his father's life.

#### EDITORIAL

##### 1398 Transforming the Cardiovascular Disease Prevention Paradigm: See Disease, Treat Disease

K Nasir and R Blankstein

Related Article [1403](#)

##### 1401 Protein S Genomics and Proteomics Refine Thrombosis Risk

MV Ragni

Related Article [1423](#)

### [+](#) Online at JAMA.com

#### [+](#) AUDIO

Weekly Editor's Summary

AI's Role in Advancing Equity for Individuals With Developmental Disabilities

Rethinking Race in Prenatal Screening for Open Neural Tube Defects

New FDA Pulse Oximetry Guidance: Strengths and Weaknesses

Combining CAC Score With Treatment on Plaque Progression in Familial Coronary Artery Disease

Localized and Metastatic Prostate Cancer

#### [+](#) CME

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

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#### [+](#) INSTRUCTIONS FOR AUTHORS

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

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

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### Clinical Review & Education

#### REVIEW

##### 1433 Prostate Cancer: A Review

R Raychaudhuri, DW Lin, and RB Montgomery

This narrative review summarizes current evidence regarding the epidemiology, diagnosis, and management of localized and metastatic prostate cancer.

[Audio](#) | [CME](#)

#### JAMA INSIGHTS

##### 1447 Cardiac CT Calcium Score

P Glynn, SS Khan, and P Greenland

This JAMA Insights explores how coronary artery calcium and computed tomography calcium scores can improve risk assessment for atherosclerotic cardiovascular disease and inform recommendations for statin therapy.

Related Article [1403](#)

[Audio](#) | [CME](#)

##### 1449 Eladocagene Exuparvec for Aromatic L-Amino Acid Decarboxylase Deficiency

A Golikeri, S Yi, and L Fashoyin-Aje

This JAMA Insights discusses the US Food and Drug Administration approval of Kebilidi, eladocagene exuparvec, for the treatment of aromatic L-amino acid decarboxylase deficiency in adult and pediatric patients.

[CME](#)

#### JAMA PATIENT PAGE

##### 1466 Ovarian Aging and Fertility

KL Walter

This JAMA Patient Page describes ovarian aging, its effect on fertility, and strategies to address infertility due to ovarian aging.

### News & Analysis

#### MEDICAL NEWS

##### 1375 7 Takeaways for Primary Care Clinicians From the Updated Acute Coronary Syndromes Guideline

L Rodgers

This Medical News article discusses new recommendations from the American College of Cardiology and the American Heart Association for managing patients for a year and beyond after they've experienced a heart attack or unstable angina.

##### 1377 How AI Could Improve Health Care for People With Intellectual and Developmental Disabilities

Y Hswen and N Collins

This Medical News article is an interview with Dimitri Christakis, MD, MPH, chief health officer at Special Olympics International.

[Audio](#)

##### 1380 Study Findings Question Value of Including Race in Prenatal Screening for Birth Defects

R Perlis and N Collins

This Medical News article is an interview with Daniel S. Herman, MD, PhD, about his recent research on including race and ethnicity as a factor in prenatal screening for open neural tube defects.

[Audio](#)

#### JAMA DATA BRIEF

##### 1383 Poll: Trust in AI for Accurate Health Information Is Low

A Orrall and A Rekito

This Medical News article discusses a KFF poll about the public's trust in artificial intelligence and its ability to provide accurate health information.

#### MEDICAL NEWS IN BRIEF

##### 1385 US Drug Overdose Deaths Declined in 2023

##### 1385 Some Hormonal Birth Control Tied to Greater Risk of Heart Attack and Stroke

##### 1385 New Blood Test Shows Promise in Detecting Pancreatic Cancer

##### 1385 HPV Vaccine Cuts Cervical Precancer Incidence, but Rural Access Gaps Remain

##### 1386 US Hospital Bed Shortage Looms as Occupancy Rates Climb

##### 1386 Expert Panel Advises Against Common Spine Treatments for Chronic Back Pain

### Humanities

#### POETRY AND MEDICINE

##### 1461 The Roses

S Peterson

Related Article [1461](#)

#### EDITOR'S NOTE

##### 1461 The Rose as a Symbol of Love and Healing in Poetry and Medicine

R Campo

Related Article [1461](#)

#### JAMA REVISITED

##### 1462 The Immoderate Publicity of Science

### Letters

#### COMMENT & RESPONSE

##### Artemisinin Partial Resistance in Ugandan Children

1455 P Weathers, SM Rich, and D Mazier

#### In Reply

1456 R Namazzi, CC John, and C Sutherland

##### Zerlasiran for the Treatment of Atherosclerotic Cardiovascular Disease

1456 Y Wu, J Meng, and S Gao

#### In Reply

1457 SE Nissen

##### Patient Comprehension via Explanatory Communication

1458 AL Back, MS Grant, and DE Meier

#### In Reply

1458 LN Anderson and CJW Ledford

#### Gap Years

1459 E Lugo-Fagundo, CK Crawford, and EK Fishman

#### In Reply

1459 RM Schwartzstein and S Marzouk

[Available online](#)