

In This Issue: December 2, 2025

Research

ORIGINAL INVESTIGATION

1893 Individualized Perioperative Blood Pressure Management in Patients Undergoing Major Abdominal Surgery: The IMPROVE-multi Randomized Clinical Trial
B Saugel and Coauthors
for the IMPROVE-multi Trial Group

This randomized trial evaluates whether individualized (mean arterial pressure [MAP] targets based on preoperative mean nighttime MAP assessed using automated blood pressure monitoring) vs routine perioperative blood pressure management during major abdominal surgery improves clinical outcomes in patients considered at high risk of postoperative complications.

Editorial **1885**

Related Article **1905**

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

1905 Proactive vs Reactive Treatment of Hypotension During Surgery: The PRETREAT Randomized Clinical Trial

M Kant and Coauthors
for the PRETREAT study group

This clinical trial assesses whether a risk-stratified approach to intraoperative blood pressure management improves functional disability among patients undergoing noncardiac surgery.

Editorial **1885**

Related Article **1893**

[Visual Abstract](#)

1915 Discordance in Creatinine- and Cystatin C–Based eGFR and Clinical Outcomes: A Meta-Analysis

MM Estrella and Coauthors
for the Chronic Kidney Disease Prognosis Consortium Investigators and Collaborators

This meta-analysis evaluates the prevalence and characteristics of discordance between creatinine- and cystatin C–based estimated glomerular filtration rate as well as the association of discordance with adverse outcomes.

Editorial **1888**

RESEARCH LETTER

1945 Revisiting Minimum Case Volume Recommendations for Complex Surgery in Contemporary Practice

A Kartik and Coauthors

This study examines the relevance of minimum case volume recommendations in contemporary practice.

[Available online](#)

1948 Social Media Use Trajectories and Cognitive Performance in Adolescents

JM Nagata and Coauthors

This study uses prospectively collected data from the ABCD study to assess the relationship between longitudinal patterns of social media use (hours per day) and cognitive performance after 2 years in a diverse US sample of younger adolescents.

Editorial **1891**

Opinion

VIEWPOINT

1877 America's Vaccine Policy Whiplash—Finding the Way Forward

MC Navin and LF Ross

Viewpoint **1879**

1879 Potential Repercussions of Eliminating Mandatory Vaccination in Florida

SH Vermund

Viewpoint **1877** and **1881**

1881 The Measles Resurgence

JR Zucker

Viewpoint **1879**

A PIECE OF MY MIND

1883 Quitting the Status Quo

SS Shah

In this narrative medicine essay, a hospital medicine physician offers himself as an example of a leader who had to learn how to admit he needed help under an avalanche of personal and professional challenges.

EDITORIAL

1885 Perioperative Outcomes—The Limits of Blood Pressure–Centered Strategies

M Legrand, F Lamontagne, and R Pirracchio

Related Articles **1893** and **1905**

1888 Divergent GFR Estimates and Clinical Implications

M Sarav and RJ Alpern

Related Article **1915**

1891 Developmental Costs of Youth Social Media Require Policy Action

S Madigan, KO Yeates, and P Fearon

Related Article **1948**

[Online at JAMA.com](#)

AUDIO

Weekly Editor's Summary
Dementia's Cultural Narratives
What Clinicians Should Know About Syphilis
Microplastic Pollution and Human Health

CME

CME online at
jamacmelookup.com

CME Disclosure Statement: Unless noted, all individuals in control of content reported no relevant financial relationships. If applicable, all relevant financial relationships have been mitigated.

INSTRUCTIONS FOR AUTHORS

jamanetwork.com/pages/for-authors

DEPARTMENTS

Staff Listing **1867**
Recruitment & Classified Advertising **1958**
Contact Information **1959**

CORRECTION 1955



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

In This Issue: December 2, 2025

Clinical Review & Education

REVIEW

1927 Syphilis: A Review

FJ Chevalier and Coauthors

This review summarizes the epidemiology, clinical manifestations, staging, and diagnosis of syphilis.

 Audio | CME

JAMA INSIGHTS

1941 Microplastics and Human Health

S Mahalingaiah, KC Nadeau, and DC Christiani

This JAMA Insights discusses rising detection of microplastics in human tissue and the importance of international cooperation to limit plastic pollution.

 Audio | CME

JAMA CLINICAL CHALLENGE

1943 Painful Hand Swelling With Finger Contractures

S Chatterjee

A 56-year-old woman with no history of rheumatic disease or hand injury had swelling and tenderness of the bilateral wrists, metacarpophalangeal and proximal interphalangeal joints, nodular palmar tendon thickening, and flexion contractures of all fingers; results of serologic testing for autoimmune rheumatic diseases were negative. What is the diagnosis and what would you do next?

 CME

JAMA PATIENT PAGE

1960 What Is Iron Deficiency?

R Voelker

This JAMA Patient Page describes the causes, signs and symptoms, diagnosis, and treatment of iron deficiency.

News & Analysis

MEDICAL NEWS

1869 What to Know About the New Blood Pressure Guidelines

J Abbasi

This Medical News article discusses updated blood pressure recommendations from the American Heart Association and the American College of Cardiology.

1872 Living With Dementia Report Emphasizes That Even Those With Advanced Disease Have Stories to Share

R Rubin

This Medical News article discusses a new Hastings Center for Bioethics report about cultural narratives of dementia and how they can affect the quality of life and the care of patients with the condition.

 Audio

MEDICAL NEWS IN BRIEF

1875 Normal BMI With Abdominal Obesity Associated With Cardiometabolic Risks

1875 First-Trimester COVID-19 Vaccination Not Associated With Congenital Risks

1875 One in 6 Common Bacterial Infections Are Resistant to Antibiotics, WHO Warns

1875 Long COVID Trial Explores Anti-Inflammatory Treatment

1876 New Hand Hygiene Guidelines From WHO and UNICEF

1876 How Tumor-Infiltrating Bacteria May Contribute to Chemotherapy Resistance

Humanities

POETRY AND MEDICINE

1956 After the Procedure

S Lea

Related Article [1956](#)

EDITOR'S NOTE

1956 Ether and *Élan Vital*: Medicine, Modernism, and Poetry

R Campo

Related Article [1956](#)

JAMA REVISITED

1957 The Measurement of Basal Metabolism

Letters

COMMENT & RESPONSE

Intra-Arterial Tenecteplase After Successful Endovascular Therapy for Acute Stroke

1950 YT Zhao

In Reply

1950 Y Pan, Z Miao, and X Huo

Life Expectancy After the COVID-19 Pandemic

1951 KT Wilson, ML Esposito, and A Martinez

In Reply

1952 H Schwandt, J Kowarski, and SH Woolf

AI-Enabled Echocardiography Interpretation With Multitask Deep Learning

1952 P-H Wu, Y-Y Ho, and C-M Chang

1953 Y Zhang, J Feng, and Q Wen

In Reply

1954 G Holste, EK Oikonomou, and R Kherra

 Available online