

In This Issue: September 5, 2023

Research

ORIGINAL INVESTIGATION

821 Blood Pressure Management After Endovascular Therapy for Acute Ischemic Stroke: The BEST-II Randomized Clinical Trial
EA Mistry and Coauthors

This randomized clinical trial evaluates whether moderately lowering systolic blood pressure, compared with a higher target, in the first 24 hours after successful endovascular treatment for acute ischemic stroke is futile.

Editorial **811**

Related Article **832**

Visual Abstract

832 Intensive vs Conventional Blood Pressure Lowering After Endovascular Thrombectomy in Acute Ischemic Stroke: The OPTIMAL-BP Randomized Clinical Trial
HS Nam and Coauthors
for the OPTIMAL-BP Trial Investigators

This randomized trial assesses the effect of intensive blood pressure management vs conventional management on functional independence at 3 months among patients with large vessel occlusion acute ischemic stroke treated with endovascular thrombectomy.

Editorial **811**

Related Article **821**

Visual Abstract

843 Single-Dose Psilocybin Treatment for Major Depressive Disorder: A Randomized Clinical Trial
CL Raison and Coauthors

This randomized clinical trial examines the timing of onset of action, durability of benefit, and safety profile of single-dose psilocybin in patients with major depressive disorder compared with placebo.

Editorial **813**

Visual Abstract | Audio | CME

854 Eye-Tracking-Based Measurement of Social Visual Engagement Compared With Expert Clinical Diagnosis of Autism
W Jones and Coauthors

This study evaluates the performance of eye-tracking measurement of social visual engagement relative to expert clinical diagnosis in young children referred to specialty autism clinics.

Editorial **815**

Available online

jama.com

Opinion

VIEWPOINT

801 An AI-Enhanced Electronic Health Record Could Boost Primary Care Productivity
JE Harris

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803 Health Communication Science in the Balance
D Schillinger and RJ Baron

805 Principles to Inform Risk Adjustment Policy: Reflection From the Front Lines
DM Horn and AS Navathe

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807 Guiding Risk Adjustment Models Toward Machine Learning Methods
GE Weissman and KE Joynt Maddox

Viewpoint **805**

A PIECE OF MY MIND

809 Learning to Fly
JA Wagner

In this narrative medicine essay, an infectious diseases fellow understands while grieving her father that care cannot always be measured in cure but rather in listening and loving.

EDITORIAL

811 Blood Pressure Management After Successful Thrombectomy
A Sarraj

Related Articles **821** and **832**

813 Psychedelic Therapy—A New Paradigm of Care for Mental Health
R Yehuda and A Lehner

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Audio

815 Could an Eye-Tracking Test Aid Clinicians in Making an Autism Diagnosis? New Findings and a Look to the Future
G Dawson

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818 AI in Medicine—JAMA's Focus on Clinical Outcomes, Patient-Centered Care, Quality, and Equity
R Khera and Coauthors

Related Article **866**

Online at JAMA.com

AUDIO

Editor's Summary of This Issue

Psilocybin for Major Depressive Disorder

Gestational Diabetes and Long-Term Cardiometabolic 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

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Editor in Chief

Kirsten Bibbins-Domingo, PhD, MD, MAS



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Clinical Review & Education

SPECIAL COMMUNICATION

866 Creation and Adoption of Large Language Models in Medicine

NH Shah, D Entwistle, and MA Pfeffer

This special communication discusses whether large language models (LLMs) are being trained with the right kind of self-supervision and if the purported value propositions of using LLMs in medicine are being verified.

Viewpoint **801**Related Article **792**

CME

JAMA INSIGHTS

870 Gestational Diabetes and Long-Term Cardiometabolic Health

KK Venkatesh, SS Khan, and CE Powe

This JAMA Insights discusses adverse long-term effects of gestational diabetes on the pregnant individual and the exposed fetus.

Audio | CME

JAMA PATIENT PAGE

886 Oral Nonprescription Pain Medications for Adults

SE Vordenberg

This JAMA Patient Page describes the common oral nonprescription pain medications acetaminophen, aspirin, ibuprofen, and naproxen sodium.

News & Analysis

MEDICAL NEWS & PERSPECTIVES

792 Large Language Models Answer Medical Questions Accurately, but Can't Match Clinicians' Knowledge

E Harris

This Medical News article discusses new research on artificial intelligence systems such as ChatGPT and Med-PaLM.

Related Article **866****795** Why Blood Type Seems to Be Linked With COVID-19 Risk

R Rubin

This Medical News article discusses new research that may explain why type A blood has been linked with a higher risk of SARS-CoV-2 infection.

MEDICAL NEWS IN BRIEF

797 CDC Recommends RSV Immunization for Infants

E Harris

797 Even Without Hypertension, Daily Alcohol May Increase Blood Pressure

E Harris

797 Breast Cancer Overdiagnosis Common Among Older Women

E Harris

797 Federal Government Announces Long COVID Trials, Research Office

E Harris

797 New Federal Dementia Care Model Supports Caregivers Too

E Harris

798 Mounting Evidence Suggests Leprosy Is Endemic in Florida

E Harris

798 How Sleep Apnea Contributes to Cardiovascular Disease

E Harris

798 Short Walks While Hospitalized May Improve Older Patients' Outcomes

E Harris

798 Trial: AI-Supported Mammography Screening Is Safe, Time-Saving

E Harris

Humanities

THE ARTS AND MEDICINE

790 Communicating Risk Perceptions Through Batik Art

R Ng, N Indran, and P Suarez

This Arts and Medicine essay describes creation of a batik art installation titled Risktalk, illustrating trends in mentions of public health and non-health risk-related topics in popular written media from 1810 to 2009.

Video

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881 Juvenile Sonata

E Frickman

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882 Empiricism and Science in Medicine

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RESEARCH LETTER

872 US Postgraduate Trainee Racial, Ethnic, and Gender Representation and Faculty Compensation By Specialty

MO Mensah and Coauthors

This study compares postgraduate trainee racial, ethnic, and gender representation and faculty compensation for 21 clinical specialties using 2015-2022 data.

COMMENT & RESPONSE

Four-Factor Prothrombin Complex Concentrate for Patients With Trauma**875** C-H Hsu, P-H Chou, and N-C Hsu**875** T Sato, K Kida, and S Miyata

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In Reply

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In Reply

879 SN Neill

Available online