

In This Issue: June 24, 2025

Research

ORIGINAL INVESTIGATION

2154 Extended Caffeine for Apnea in Moderately Preterm Infants: The MoCHA Randomized Clinical Trial

WA Carlo and Coauthors
for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network

This randomized clinical trial assessed whether extended use of caffeine after its planned discontinuation through 28 days after discharge among moderately preterm infants would decrease the number of days in the hospital compared with infants receiving placebo.

[Visual Abstract](#)

2164 A Multidimensional Diagnostic Approach for Chronic Obstructive Pulmonary Disease

COPDGene 2025 Diagnosis Working Group and CanCOLD Investigators

This cohort study examines a multidimensional diagnostic approach for chronic obstructive pulmonary disease that uses a new diagnostic schema.

Editorial [2151](#)

2176 Modeling Reemergence of Vaccine-Eliminated Infectious Diseases Under Declining Vaccination in the US

MV Kiang and Coauthors

This study estimates the number of cases and complications in the US under scenarios of declining childhood vaccination for measles, rubella, poliomyelitis, and diphtheria.

Related Article [2197](#)

[CME](#)

RESEARCH LETTER

2202 Trade Tariffs on Canadian Pharmaceuticals—Implications for US Drug Supply and Costs

M Tadrous and Coauthors

This cross-sectional study analyzes data from the National Institutes of Health, IQVIA, and the US Food and Drug Administration on pharmaceutical drugs manufactured in Canada and exported to the US.

2203 Uptake of and Disparities in Semaglutide and Tirzepatide Prescribing for Obesity in the US

C Kim and Coauthors

This study uses data from the US nationwide electronic health record–based Epic Cosmos Dataset to examine prescriptions for semaglutide and tirzepatide, focusing on differences across race, ethnicity, social vulnerability, and urbanicity and assess the need for strategies to promote equitable access to these therapies.

Opinion

VIEWPOINT

2137 The FDA's Crisis Is Everyone's Crisis

PJ Zettler and NG Cortez

2139 The Role of Affirming Language

WE Rosa and Coauthors

2141 Health and Human Services Restructuring—Threats to the US Preventive Services Task Force and Health

AH Krist and Coauthors

2143 Preserving Research Ethics Oversight Amid Decimation of the Research Enterprise

H Fernandez Lynch and Coauthors

2145 Psychiatry and the Make America Healthy Again Commission

D Öngür

A PIECE OF MY MIND

2147 On Healing as Restoration

G Godage

In this narrative medicine essay, a Fulbright scholar with a congenital heart defect who grew up in a warm, supportive environment in and out of the hospital writes about how his sense of safety and well-being began to fray when he went to college.

EDITORIAL

2149 Will Preterm Infants Come Home Sooner With Prolonged Caffeine Therapy for Apnea?

B Schrijdt

Related Article [2154](#)

2151 Beyond Obstruction—A Milestone in COPD Diagnosis

F Polverino

Related Article [2164](#)

Online at JAMA.com

AUDIO

Weekly Editor's Summary
May 2025 Medical News Summary
Microbiome and Risk for Cancer Outcomes
Strategies for Talking With Parents About Vaccines

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.

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Kirsten Bibbins-Domingo, PhD, MD, MAS

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Clinical Review & Education

REVIEW

2188 The Microbiome and Cancer: A Translational Science Review

E Fernandez, JA Wargo, and BA Helmink

This review in the Translational Science series summarizes current evidence regarding the human microbiome and cancer, including how the microbiota in the gut and other anatomical locations affect cancer outcomes and response to cancer therapy.

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

JAMA INSIGHTS

2197 Strategies for Communicating With Parents About Vaccines

ST O'Leary

This JAMA Insights explores vaccine hesitancy among parents and offers effective communication strategies for clinicians to build trust, handle difficult conversations, and ultimately improve vaccine uptake.

 [CME](#)

JAMA CLINICAL CHALLENGE

2199 A Woman With Facial, Neck, and Chest Swelling During Dental Cleaning

AB Ulas, Y Aydin, and MZ Egilmez

A 37-year-old woman with no history of lung disease experienced sudden-onset tearing pain in her jaw several minutes into a routine air-powder dental polishing; chest radiography and computed tomography showed air located in the fascial planes of her neck and mediastinum. What is the diagnosis and what would you do next?

 [CME](#)

JAMA PATIENT PAGE

2216 What Is Chronic Migraine?

R Voelker

This JAMA Patient Page describes the condition of chronic migraine, its risk factors, and preventive and acute treatment options.

News & Analysis

MEDICAL NEWS

2127 IV Fluid Shortages Persist Months After Hurricane Helene Hit a Supplier—Hospitals Have Had to Adapt

E Cahan

This Medical News article discusses widespread medical supply gaps that persist months after the disaster shuttered a key factory in North Carolina.

 [Audio](#)

2131 The Hidden Health Costs Associated With Legalized Sports Gambling

K Schweitzer

This Medical News article discusses how legalized US sports betting, predominantly online, is affecting public health and what policymakers and clinicians can do to help.

 [Audio](#)

MEDICAL NEWS IN BRIEF

2134 Cancer Deaths Decline, Driven by Drop in Smoking-Related Cancers

2134 Semaglutide Improves Severe Liver Disease in Phase 3 Trial

2134 China Faces Growing Neurological Burden as Population Ages

2134 WHO Warns of Preventable Disease Outbreaks Amid Immunization Disruptions

2134 Thyroid Disease May Be Overdiagnosed, Study Finds

2135 Despite Prior Findings, Nicotine Pouch Use Appears to Rise in Teens

Humanities

POETRY AND MEDICINE

2211 20 Marlboro Reds

SC Biggerstaff

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EDITOR'S NOTE

2211 "Man, I'd Die for a Cigarette": When Empathy, and Healing, Are Elusive

R Campo

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JAMA REVISITED

2212 The Ideal Physician

Letters

COMMENT & RESPONSE

Transcriptomic Profiles in Nasal Epithelium in Youth With Asthma

2206 C-P Ma, C-C Liao, and C-M Chang

In Reply

2207 M Yue, K Gaietto, and JC Celedón

Pediatric Gender Medicine

2207 C Streed Jr and KE Baker

In Reply

2208 M Gorin, J Smids, and J Lantos

Master of Digital Health Degree

2209 PJ Embé, GB Melton, and PRO Payne

In Reply

2210 J Car and EJ Topol

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