

In This Issue: December 3, 2024

Research

ORIGINAL INVESTIGATION

1798 Effect of Tele-ICU on Clinical Outcomes of Critically Ill Patients: The TELESCOPE Randomized Clinical Trial

AJ Pereira and Coauthors

This parallel cluster randomized clinical trial examines the effect of daily multidisciplinary rounds conducted via telemedicine by a board-certified intensivist on length of stay in the intensive care unit in critically ill adult patients in Brazil.

Editorial 1794

Audio

1808 Frequency of Screening and Spontaneous Breathing Trial Techniques: A Randomized Clinical Trial

KEA Burns and Coauthors

for the Canadian Critical Care Trials Group

This randomized clinical trial compares the effects of screening frequency (once-daily vs more frequent screening) and spontaneous breathing trial techniques (pressure-supported vs T-piece spontaneous breathing trial) on the time to successful extubation among critically ill adults who required invasive mechanical ventilation.

Editorial 1796

Visual Abstract

1822 Buprenorphine/Naloxone vs Methadone for the Treatment of Opioid Use Disorder

B Nosyk and Coauthors

This population-based retrospective cohort study uses linked health administrative databases to assess the risk of treatment discontinuation and mortality among adults in British Columbia, Canada, receiving buprenorphine/naloxone vs methadone for the treatment of opioid use disorder.

CME

RESEARCH LETTER

1847 Pharmacy Closures and Anticonvulsant Medication Prescription Fills

KE Anderson and Coauthors

This study examines the relationship between pharmacy closures and anticonvulsant prescription fills and number of days supplied.

Available online

jama.com

1849 Early Adoption of Expanded Gender Options in National Provider Identifiers

J Corman and J Przedworski

This study examines the prevalence and characteristics of US clinicians who registered for a National Provider Identifier and selected expanded gender options after these new options became available in April 2024.

Opinion

VIEWPOINT

1781 Crossing the Equity Chasm: Addressing a Second Valley of Death in Biomedical Innovation

VJ Dzau, EL Shambaugh, and MH Laitner

1783 Health Care Actions for Reducing Plastic Use and Pollution

H Ong, CL Thiel, and H Singh

Video

1785 Diversity Action Plans in Clinical Trials

RK Metcalfe and JJH Park

Viewpoint 1787

1787 The Promise and Perils of Diversity Action Plans for Clinical Trials

T Varma, BE Bierer, and A Hantel

Viewpoint 1785

A PIECE OF MY MIND

1789 Osteophyte

L Zhao

In this narrative medicine essay, a medical student discusses the challenges of conveying her grandmother's feelings to her physician while serving as an interpreter for her grandparents' clinic visits.

EDITORIAL

1791 Health and the 2024 US Election

L Brubaker and Coauthors

1794 Evaluating Complex Technological Innovations in Critical Care—Current Challenges and Future Directions

KC Vranas and JM Kahn

Related Article 1798

Audio

1796 Ventilator Weaning Strategies—Managing Interaction Between Randomized Treatments

SA Webb, LR Berry, and A Serpa Neto

Related Article 1808

Audio

Online at JAMA.com

AUDIO

Weekly Editor's Summary

AI and the National Academy of Sciences

JAMA Critical Care Research at ESICM Congress 2024

Diagnosis and Treatment of Peptic Ulcer Disease

VIDEO

How Can Operating Rooms Be Greener?

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

REVIEW

1832 Peptic Ulcer Disease: A Review
N Vakil

This narrative review article covers current evidence regarding the diagnosis and treatment of peptic ulcer disease.

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

JAMA INSIGHTS

1843 Working With Medical Interpreters
Z Latif, J Kontrimas, and HJ Warrach

This JAMA Insights discusses the important role that interpreters play in facilitating communication between patients with limited English-language proficiency and their health care team and provides steps that can be taken to improve communication with remote interpreters for patients.

 [CME](#)

JAMA CLINICAL CHALLENGE

1845 A Young Woman With Headaches and Peripheral Vision Loss
AD Peer, MA Nagy, and MH Levin

A 30-year-old nulliparous woman with obesity and history of migraines and depression had 1 month of daily headaches, transient bilateral visual blurring, persistent vision loss in the temporal region of 1 eye, pulsatile tinnitus, and mild bilateral papilledema. What is the diagnosis and what would you do next?

 [CME](#)

JAMA PATIENT PAGE

1860 What Is Chronic Pruritus?
R Voelker

This JAMA Patient Page describes the types of chronic pruritus and its symptoms and signs and treatment strategies.

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1773 National Academies President on How to Use Generative AI Responsibly in Scientific Research
K Bibbins-Domingo and Y Hswen

This Medical News article is an interview with National Academy of Sciences President Marcia McNutt, PhD, and JAMA Editor in Chief Kirsten Bibbins-Domingo, PhD, MD, MAS, about responsible use of generative AI for scientific research.

 [Audio](#)

1776 UN Meeting Highlights Antimicrobial Resistance "Epiphany"—Lack of Antibiotic Access Is a Key Driver
K Schweitzer

This Medical News article discusses the first high-level meeting on antimicrobial resistance at the United Nations since 2016 and a new report on the global burden of bacterial antimicrobial resistance.

MEDICAL NEWS IN BRIEF

1779 FDA Authorizes First At-Home COVID-19 and Flu Combo Test

1779 CDC: 2 in 5 High Schoolers Report Persistent Sadness

1779 WHO Approves 3 Mpox Tests Amid Surging Cases in Africa

1779 Only About 5% of US Women Now Use Menopausal Hormone Therapy

1780 WHO Approves Another HPV Vaccine for Single-Dose Use

1780 Creatine Likely a Marker, Not a Cause, of Insulin Resistance in Type 2 Diabetes

1780 New American Heart Association Scientific Statement on Lipoprotein Apheresis

1780 Stool Metabolites Could Aid in Endometriosis Diagnosis and Therapy

Humanities

POETRY AND MEDICINE

1855 a fall
JM Wilkins

JAMA REVISITED

1856 Medical Expert Testimony

Letters

COMMENT & RESPONSE

Kidney Transplant Outcomes From Donors Who Received Dialysis

1850 C Yang and SJ Tebbutt

1851 R da Hora Passos, RM da Cunha Lyrio, and G Guerra

In Reply

1852 H Thiessen Philbrook, PP Reese, and CR Parikh

Associations of Internal Medicine Residency Ratings and Certification Examination Scores With Patient Outcomes

1852 A Brateanu, M Auron, and R Wardrop III

1853 JL Rudolph and LK Leykum

In Reply

1854 BM Gray and BE Landon



 [Available online](#)