

# January 2023 - Volume 98 - Issue 1 : Academic Medicine

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Academic Medicine. 98(1):1-2, January 2023.

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### **In Reply to Yung and Morris**

Milam, Adam J.; McDougle, Leon; Furr-Holden, Debra

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### [The Clinical Microsystems Clerkship at University of California, San Francisco: Integrating Clinical Skills and Health Systems Improvement for Early Medical Students](#)

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### [A Comparison of the Representation of Women in Editor Positions at Major Medical Journals in 2021 vs 2011](#)

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### [Management Reasoning: Empirical Determination of Key Features and a Conceptual Model](#)

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### [\*\*Impact of Students' Scheduling Choice on Clerkship Examination Score Performance in a Time-Varying Competency-Based Curriculum\*\*](#)

Kraakevik, Jeff A.; Haedinger, Leslie A.; Guzman, Cirila Estela Vasquez; More

Academic Medicine. 98(1):98-104, January 2023.

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### [\*\*Maintaining Medical Student Motivation During Remote Clinical Learning\*\*](#)

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### [Academic Productivity of Equity-Deserving Physician Scholars During COVID-19: A Scoping Review](#)

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### [Factors Leading to Successful Performance on U.S. National Licensure Exams for Medical Students: A Scoping Review](#)

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### Articles

#### Common Dermatologic Conditions in Skin of Color

Winfred Taylor Frazier, Sanketh Proddutur, Kayley Swope


This article focuses on five diagnoses that disproportionately affect people with skin of color and can substantially impact mental health and quality of life.

 Skin Conditions

#### Tonsillitis and Tonsilloliths: Diagnosis and Management

Kelly Lacy Smith, Rachel Hughes, Palee Myrex

Tonsillitis is most commonly caused by viruses. Treatment is focused on supportive care; however, if tonsillitis is caused by group A beta-hemolytic streptococcus, it should be treated with antibiotics to prevent complications. Tonsillar stones may be associated with...

 Sore Throat | ENT, Throat

#### Polyarticular Joint Pain in Adults: Evaluation and Differential Diagnosis

Zoë J. Foster, Alvin Lee Day, Jesse Miller

Initial evaluation of polyarticular joint pain should focus on inflammation, location of pain, duration of symptoms, presence of systemic symptoms, and any exposures to pathogens that could cause arthritis.

 Arthritis and Joint Pain | Rheumatologic



## Temporomandibular Disorders: Rapid Evidence Review

Eric M. Matheson, Joli D. Fermo, Russell S. Blackwelder

Temporomandibular disorders affect between 5% and 12% of the population. The diagnosis is based on history and physical examination; however, use of computed tomography or magnetic resonance imaging is recommended if the diagnosis is in doubt.

 Oral and Dental Conditions

## Potassium Disorders: Hypokalemia and Hyperkalemia

Michael J. Kim, Christina Valerio, Glynnis K. Knobloch


Hypokalemia is caused by decreased intake, renal losses, gastrointestinal losses, or transcellular shifts. Diuretics are among the most common causes of hypokalemia, especially at higher doses. Hyperkalemia results from impaired urinary potassium excretion, transcellular...

 Fluid and Electrolytes

## Infectious Mononucleosis: Rapid Evidence Review

Jillian E. Sylvester, Benjamin K. Buchanan, Taran W. Silva

Infectious mononucleosis is characterized by a triad of fever, pharyngitis, and posterior cervical lymphadenopathy. Initial testing should include a heterophile antibody test and complete blood count with differential. Treatment is supportive, with surveillance for potential...

 Infectious Disease, Viral

## Editorials

### Improving Diversity, Equity, and Inclusion in AFP

Sumi M. Sexton, Kenneth W. Lin, Christopher W. Bunt, John E. Delzell, Jr., Renée Crichlow

Beginning in the fall of 2020, in response to reader comments and the historic heightened awareness of racism as a public health crisis, AFP editors have taken steps to improve our approach to and advancement of health equity.



## Caring for Children in Foster or Kinship Care

Caitlin Collier

Children in foster or kinship care are likely to experience fractured and inadequate health care. However, with proper attention, planning, and education, family physicians are well suited to lead a multidisciplinary team that cares for these children into adulthood.

 Family Medicine

## Graham Center Policy One-Pager

## Family Physicians Are Using Neighborhood Navigator to Address Social Determinants of Health

Nick DeVetter, John M. Westfall, Mark Carrozza, Lauren Vorbeck, Erin Westfall

Social determinants of health are crucial drivers of health outcomes and inequities in the United States and account for approximately 80% of health outcomes, compared with only 20% for health care. Family physicians are increasingly asked to assess social needs and connect...


 Doctor-Patient Relationships

## Medicine by the Numbers

## Corticosteroids for the Treatment of Kawasaki Disease in Children

Robert A. Beck, Sara Spiva

A color recommendation of green (benefits greater than harms) was assigned for corticosteroid treatment in the acute phase of Kawasaki disease because of the promising moderate-certainty evidence supporting this intervention and possibly limited adverse events.

 Coronary Heart Disease



### Diverticulitis, AAA, Multiple Sclerosis, Iron Deficiency Anemia, Testicular Torsion


Key clinical questions and their evidence-based answers directly from the journal's content, written by and for family physicians.

## Cochrane for Clinicians

### Oral NSAIDs vs. Other Oral Analgesic Agents for Acute Soft Tissue Injury

Karl T. Clebak, Lynn K. Weaver, Jason R. Croad

There is no difference in effectiveness between NSAIDs and other pain relievers, including acetaminophen and opioids, for pain reduction in patients younger than 65 years who have acute strains and sprains.

 Musculoskeletal Care | Drug Therapy

### Medical Methods for First-Trimester Abortion

Donna Cohen, Lisa Golden

There is moderate-quality evidence that a combined regimen of mifepristone and misoprostol is more effective than misoprostol alone for medication abortions before 12 weeks of gestation. The effectiveness of this regimen is no different with a mifepristone dose of 200 mg...

 Gynecologic

## U.S. Preventive Services Task Force

### Screening for Prediabetes and Type 2 Diabetes in Children and Adolescents



The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of screening for type 2 diabetes in children and adolescents.

 Diabetes

## Putting Prevention Into Practice

### Screening for Prediabetes and Type 2 Diabetes in Children and Adolescents

Justin Mills, Helen Barnhart

This PPIP quiz is based on the recommendations of the USPSTF.

 Diabetes

## FPIN's Clinical Inquiries

### SGLT-2 Inhibitors for Cardiovascular Outcomes in Heart Failure With Preserved Ejection Fraction

Stephen Carek, Jacqueline Yurgil, Anne Mounsey

SGLT-2 inhibitors can reduce hospitalizations from heart failure but do not significantly reduce cardiovascular-related mortality. Dapagliflozin (Farxiga) decreases symptoms of heart failure and improves distance walked in a six-minute walk test.

 Heart Failure

## FPIN's Help Desk Answers

### Falls and Death in Dual Sensory Impairment

Mary Rose Puthiyamadham, Jodi-Ann Charlton, Sokkha Hak, Frank Minio, Janki Panchmatia

Dual sensory (vision and hearing) impairment in patients older than 65 years may be associated with an increased mortality risk.

 Falls



## Photo Quiz

### Rapidly Progressing, Blistering Skin Condition

Darren Dillard, Connor Hedstrom

A patient presented with fluid-filled bullae in different stages that began on his hands and feet then spread.

 Skin Conditions

### A Large Pedunculated Mass

Fareedat Oluyadi, Bailey Minish, Michael Evers

A patient presented with a large pedunculated mass stemming from the labia.


 Gynecologic

## STEPS

### Semaglutide (Wegovy) for the Treatment of Obesity

Elizabeth Bald, Hanna Raber

Semaglutide may result in more weight loss than other currently available treatments, but many patients will experience gastrointestinal effects and may regain a portion of the weight lost if the medication is discontinued. Some patients may not want to use an injectable...

 Obesity

## Curbside Consultation

### Central Sensitization: When It Is Not “All in Your Head”

Arya B. Mohabbat, John M. Wilkinson



Patients and many physicians often think of chronic pain as a direct manifestation of ongoing tissue (nociceptive pain) or nerve (neuropathic pain) damage. In recent years, a third type of pain—centralized or nociplastic pain—has been recognized.

 Doctor-Patient Relationships

## POEMs

### **Pharmacogenomic Testing for Selection of Antidepressant Provides Minimal, If Any, Benefit**

David C. Slawson

 Genetics | Depression and Bipolar Disorder


### **Screening for Atrial Fibrillation in Primary Care Is Not Effective**

Mark H. Ebell

 Atrial Fibrillation


### **Similar Functional Outcomes After Treating Minimally Displaced or Nondisplaced Scaphoid Waist Fractures With Surgery or Immobilization**

Henry C. Barry

 Hand, Finger, and Wrist Disorders

### **Tirzepatide Helps Adults With Obesity Without Diabetes Lose 15% to 21% of Their Body Weight Over 72 Weeks**

Mark H. Ebell

 Obesity


## Practice Guidelines



## **Lung Cancer Screening: Guidelines From the American College of Chest Physicians**

Michael J. Arnold, Gregory Zhang

The American College of Chest Physicians published guidelines for lung cancer screening based on a systematic review.

 Lung Cancer

## **Physical Activity in Patients With Type 2 Diabetes Mellitus: Updated Consensus Statement From the ACSM**

Emily L. Crossman

The American College of Sports Medicine (ACSM) updated its original statement on physical activity for people with type 2 diabetes. Recommendations include all types of physical activity, encompassing more human movement than just planned exercise.

 Exercise Prescription | Diabetes

## **Letters to the Editor**

## **Recognizing Differing Evidence in the Literature**

William E. Cayley, Jr.

## **Applying Harm Reduction Principles to Reproductive Health**

Michael H. Baca-Atlas, Rathika Nimalendran, Stefani N. Baca-Atlas

## **Women With a History of Gestational Diabetes Mellitus Should Be Screened for Prediabetes and Diabetes**

Maryam Sattari





Reply: Howard Tracer

## Information from Your Family Doctor

### Common Skin Conditions in Skin of Color

Dermatosis papulosa nigra (DUR-muh-TOE-sis PAP-yoo-LOW-suh NIE-gruh) are small, smooth, dark bumps on the skin. The bumps are usually not painful and do not itch. They are not harmful. They are mostly on the face but also can be on the chest and back. Both men and women can...

### Tonsillitis (Strep Throat)

Strep throat is an infection of the tonsils, which are tissue in the back of the throat. It is caused by a specific type of bacteria (group A beta-hemolytic streptococcus). It is most common in children three to 15 years of age.

### Tonsil Stones

Tonsil stones are small lumps of hard material that form in the tonsils. Tonsil stones are usually not painful or harmful but they can cause bad breath. They are also called tonsilloliths (TON-sill-uh-liths).

### Temporomandibular Disorders

Temporomandibular (TEM-puh-roh-man-DIB-yoo-ler) disorders (also called TMDs) affect the jaw and the muscles you use to chew and open your mouth. They are sometimes incorrectly called TMJ, but this refers to only the jaw joint.

### Potassium: What If I Have Too Much or Not Enough?

Potassium is a mineral that helps the cells in your body work correctly. The World Health Organization recommends a diet rich in potassium for most healthy adults. You can get potassium from eating most fruits, vegetables, meats, and fish. Foods with a lot of potassium...



# Corrections

## Correction

Quiz Answer Choice. After publication, the online version of the article, “Evidence-Based Contraception: Common Questions and Answers” (September 2022, p. 251), was updated to include information from the U.S. Food and Drug Administration from August 2022 that extended the...

## CME Course Information

## Evidence Based Medicine Glossary

## Strength of Recommendation Taxonomy

## Classified Information

## Disclosure

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☐ **Commentaries**

## **[Facilitating Integrated Perinatal Care for Families Affected by Substance Use](#)**

Schmidt, Christina N.; Patel, Devika; Alpers, Benjamin S.; More

Journal of Addiction Medicine. 17(1):1-3, January/February 2023.

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## **[“Helping the Helpers”—Making Access to Buprenorphine the New Standard of Care for Physicians in State Monitoring Programs](#)**

Dwarakanath, Megana; Klipp, Stephanie

Journal of Addiction Medicine. 17(1):4-6, January/February 2023.

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## **[The Naloxone Component of Buprenorphine/Naloxone: Discouraging Misuse, but at What Cost?](#)**

Gregg, Jessica; Hartley, Jennifer; Lawrence, David; More

Journal of Addiction Medicine. 17(1):7-9, January/February 2023.

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## **[In-hospital Substance Use Policies: An Opportunity to Advance Equity, Reduce Stigma, and Offer Evidence-based Addiction Care](#)**

Martin, Marlene; Snyder, Hannah R.; Otway, Gillian; More

Journal of Addiction Medicine. 17(1):10-12, January/February 2023.

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### [\*\*Bridging the Macro-micro Divide: A Qualitative Meta-synthesis on the Perspectives and Experiences of Health Care Providers on the Extramedical Use and Diversion of Buprenorphine\*\*](#)

Kankanam Gamage, Kasunka; Tejpar, Serena; Majid, Umair; More

Journal of Addiction Medicine. 17(1):e1-e10, January/February 2023.

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### [\*\*Increasing Attendance in Addiction Treatment With Limited Resources: A Narrative Review\*\*](#)

Rubenis, Adam James; Nation, Jennifer A.; Katz, Elizabeth C.; More

Journal of Addiction Medicine. 17(1):13-20, January/February 2023.

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## **Original Research**

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## **[Exploring Family Planning Perspectives Among Men Receiving Medications for Opioid Use Disorder: Implications for Service Development](#)**

Rinehart, Deborah J.; Stowell, Melanie; Barrett, Kaeli; More

Journal of Addiction Medicine. 17(1):21-27, January/February 2023.

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## **[Alcohol Consumption During the First Year of the COVID-19 Pandemic in the United States: Results From a Nationally Representative Longitudinal Survey](#)**

Barbosa, Carolina; Dowd, William N.; Barnosky, Alan; More

Journal of Addiction Medicine. 17(1):e11-e17, January/February 2023.

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## **[Using Machine Learning to Predict Treatment Adherence in Patients on Medication for Opioid Use Disorder](#)**

Burgess-Hull, Albert J.; Brooks, Caleb; Epstein, David H.; More

Journal of Addiction Medicine. 17(1):28-34, January/February 2023.

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## **[The Association Between Perceived Injustice and Opioid Craving in Patients With Chronic Pain: The Mediating Role of Daily Pain Intensity, Negative Affect, and Catastrophizing](#)**

Verner, Maria; Sirois, Amanda; Coutu-Nadeau, Emmanuelle; More

Journal of Addiction Medicine. 17(1):35-41, January/February 2023.

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### **[Addiction Services for Veterans: Opportunities in Acute Care](#)**

Shah, Meghna N.; Starks, Helene; Wander, Pandora L.; More

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### **[Interventions Addressing Cannabis Use During Pregnancy: A Systematic Review](#)**

Groff, Destin; Bollampally, Pooja; Buono, Frank; More

Journal of Addiction Medicine. 17(1):47-53, January/February 2023.

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### **[Anticipated Barriers to Sustained Engagement in Treatment With Medications for Opioid Use Disorder After Release From Incarceration](#)**

Kaplowitz, Eliana; Truong, Ashley; Macmadu, Alexandria; More

Journal of Addiction Medicine. 17(1):54-59, January/February 2023.

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### **Methadone Dose, Cannabis Use, and Treatment Retention: Findings From a Community-based Sample of People Who Use Unregulated Drugs**

Lake, Stephanie; Buxton, Jane; Walsh, Zach; More

Journal of Addiction Medicine. 17(1):e18-e26, January/February 2023.

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### **Opioid Use Behaviors Among People With Disability in the United States: An Analysis of the National Survey on Drug Use and Health**

Hong, Young-Rock; Xie, Zhigang; Yadav, Sandhya; More

Journal of Addiction Medicine. 17(1):e27-e35, January/February 2023.

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### **Addressing Methamphetamine Use in Primary Care: Provider Perspectives**

Dunn, Julia; Yuan, Mina; Ramírez, Fernando; More

Journal of Addiction Medicine. 17(1):60-66, January/February 2023.

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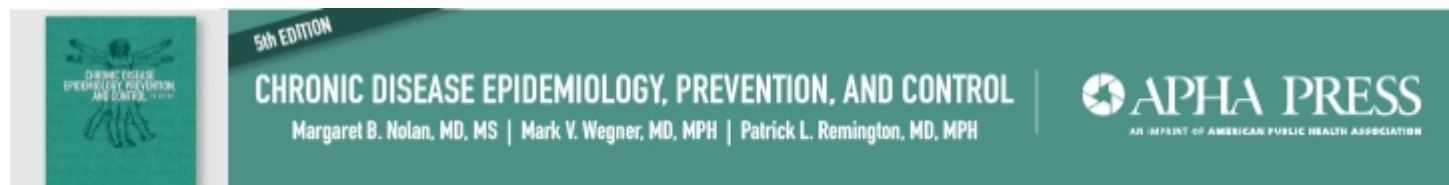
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The January issue of *AJPH* features a special section on emerging methods in public health.

Select articles microrandomized trials as well as a Bayesian spatial-temporal approach to quantify SARS-CoV-2 testing disparities.

Other papers in this issue address topics such as undergraduate public health degree trends, antiracism and community-based participatory research, environmental justice, pornography use, cigarette use, and more.

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The articles provide research and analysis of topics such as police brutality, drug policy, redlining, social determinants of health, immigrant mental health, and more.

The issue also highlights frameworks for future researchers to examine structural racism with an intersectional lens.

Funding statement: Support for this issue was provided by a grant from the Robert Wood Johnson Foundation.



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Structural Racism and Public Health

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This special issue of *AJPH* focuses on structural racism and public health, naming the mechanisms through which structural racism manifests and calling attention to laws, policies, and practices that need changing.

The articles provide research and analysis of topics such as police brutality, drug policy, redlining, social determinants of health, immigrant mental health, and more.

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The issue also highlights frameworks for future researchers to examine structural racism with an intersectional lens.

Funding statement: Support for this issue was provided by a grant from the Robert Wood Johnson Foundation.

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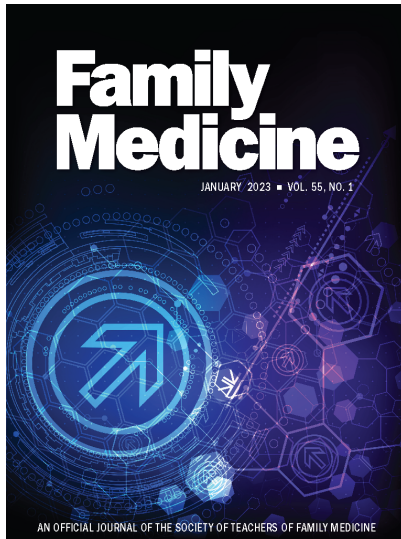
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The Affordable Care Act (ACA) Medicaid expansions increased preconception and postpartum insurance coverage among low-income birthing people, leading to greater use of outpatient care. In this study we evaluated whether the expansions affected rates of ...

---

RESEARCH ARTICLE | MEDICAID

## Racial And Ethnic Disparities In Preventable Hospitalizations And ED Visits Five Years After ACA Medicaid Expansions

[Asako S. Moriya](#) and [Sujoy Chakravarty](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 26-34

✓ [Preview Abstract](#)

Medicaid expansions under the Affordable Care Act (ACA) dramatically increased access to insurance coverage. We examined whether the 2014 ACA Medicaid expansions also mitigated existing racial or ethnic disparities in preventable hospitalizations and ...

---

RESEARCH ARTICLE | QUALITY OF CARE

## Assessing Hospital Quality Scores By Proportion Of Patients Dually Eligible For Medicare And Medicaid

[Steven B. Spivack](#), [Li Qin](#), [Jeph Herrin](#), [Demetri Goutos](#), [Michelle Schreiber](#), [Lee A. Fleisher](#), [Arjun B. Venkatesh](#), and [Susannah Bernheim](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 35-43

✓ [Preview Abstract](#)

The Centers for Medicare and Medicaid Services has been reporting hospital star ratings since 2016. Some stakeholders have criticized the star ratings methodology for not adjusting for social risk factors. We examined the relationship between 2021 star ...

---

## Food Insecurity Was Associated With Greater Family Health Care Expenditures In The US, 2016–17

[Deepak Palakshappa](#), [Arvin Garg](#), [Alon Peltz](#), [Charlene A. Wong](#), [Rushina Cholera](#), and [Seth A. Berkowitz](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 44-52

✓ [Preview Abstract](#)

Food insecurity has been associated with the health care expenditures of individuals, but it can affect the entire family. Evaluating the relationship between food insecurity and family expenditures provides a better understanding of the financial ...

---

## Parental Immigration Status, Medicaid Expansion, And Supplemental Nutrition Assistance Program Participation

[Kevin H. Nguyen](#), [Nicole C. Giron](#), and [Amal N. Trivedi](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 53-62

✓ [Preview Abstract](#)

Anti-immigrant public policies and rhetoric during 2017–19 may have eroded enrollment in safety-net programs, such as the enrollment of children of immigrants in the Supplemental Nutrition Assistance Program (SNAP). At the same time, states' expansion of ...

---

## Differences In Debt Among Postgraduate Medical Residents By Self-Designated Race And Ethnicity, 2014–19

[Louisa W. Holaday](#), [Jasmine M. Weiss](#), [Sire D. Sow](#), [Hector R. Perez](#), [Joseph S. Ross](#), and [Inginia Genao](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 63-73

✓ [Preview Abstract](#)

The US physician workforce does not reflect the racial and ethnic makeup of the country's population, despite efforts to promote diversity. Becoming a physician requires significant time and financial investment, and populations that are underrepresented ...

---



## Effects Of The 2021 Expanded Child Tax Credit On Adults' Mental Health: A Quasi-Experimental Study

[Akansha Batra](#), [Kaitlyn Jackson](#), and [Rita Hamad](#)

FREE ACCESS

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 74-82

✓ [Preview Abstract](#)

The US Congress temporarily expanded the Child Tax Credit (CTC) during the COVID-19 pandemic to provide economic assistance for families with children. Although formerly the CTC provided \$2,000 per child for mostly middle-income parents, during July–...

## Coverage Parity And Racial And Ethnic Disparities In Mental Health And Substance Use Care Among Medicare Beneficiaries

[Vicki Fung](#), [Mary Price](#), [Alex McDowell](#), [Andrew A. Nierenberg](#), [John Hsu](#), [Joseph P. Newhouse](#), and [Benjamin Lê Cook](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 83-93

✓ [Preview Abstract](#)

Many older Americans do not receive needed care for mental health and substance use disorders (MHSUD), and there are substantial racial and ethnic disparities in receipt of this care across the lifespan. Medicare introduced cost-sharing parity for ...

## Financing And Funding Gap For 16 Vaccines Across 94 Low- And Middle-Income Countries, 2011–30

[Salin Sriudomporn](#), [So Yoon Sim](#), [Joshua Mak](#), [Logan Brenzel](#), and [Bryan N. Patenaude](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 94-104

✓ [Preview Abstract](#)

We estimated immunization program costs, financing, and funding gaps for sixteen vaccines among ninety-four low- and middle-income countries during the period 2011–30. Inputs were obtained from the Institute for

---

RESEARCH ARTICLE | PAYMENT

## Risk Adjustment And Promoting Health Equity In Population-Based Payment: Concepts And Evidence

[J. Michael McWilliams](#), [Gabe Weinreb](#), [Lin Ding](#), [Chima D. Ndumele](#), and [Jacob Wallace](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 105-114

✓ [Preview Abstract](#)

The objective of risk adjustment is not to predict spending accurately but to support the social goals of a payment system, which include equity. Setting population-based payments at accurate predictions risks entrenching spending levels that are ...

---

DATAWATCH | COVID-19

## Excess Deaths Of Medicaid Home And Community-Based Services Recipients During COVID-19

[H. Stephen Kaye](#) and [Joseph Caldwell](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 115-120

✓ [Preview Abstract](#)

Using health plan data, we calculated excess mortality rates for Medicaid home and community-based services recipients during March–December 2020. For younger recipients, excess mortality was 7.4 times that of other community-dwelling Medicaid ...

---

RESEARCH ARTICLE | THE PRACTICE OF MEDICINE

## Workforce Composition In Private Equity–Acquired Versus Non–Private Equity–Acquired Physician Practices

[Joseph Dov Bruch](#), [Canyon Foot](#), [Yashaswini Singh](#), [Zirui Song](#), [Daniel Polsky](#), and [Jane M. Zhu](#)

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 121-129

✓ [Preview Abstract](#)

Despite growth in private equity (PE) acquisitions of physician practices in the US, little is known about how changes in ownership influence workforce composition. Using clinician-level data linked to practice

---

RESEARCH ARTICLE | ACCESS TO CARE

## Employer-Sponsored Coverage Stabilized And Uninsurance Declined In The Second Year Of The COVID-19 Pandemic

[M. Kate Bundorf](#), [Jessica S. Banthin](#), [Christine Young Kim](#), and [Sumedha Gupta](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 130-139

✓ [Preview Abstract](#)

The health risks of COVID-19, combined with widespread economic instability in the US, spurred Congress to pass temporary measures to improve access to health insurance. Using data from the Household Pulse Survey, a high-frequency, population-based survey,...

---

RESEARCH ARTICLE | BEHAVIORAL HEALTH CARE

## A Randomized Trial Of Letters To Encourage Prescription Monitoring Program Use And Safe Opioid Prescribing

[Adam Sacarny](#), [Tatyana Avilova](#), [David Powell](#), [Ian Williamson](#), [Weston Merrick](#), and [Mireille Jacobson](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 140-149

✓ [Preview Abstract](#)

To facilitate safer prescribing of opioids and other drugs, nearly all states operate prescription monitoring programs (PMPs), which collect and share data on controlled substance dispensing. Policy makers have sought to raise clinicians' engagement with ...

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### ERRATA

## Errata

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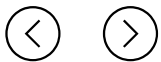
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January 3; 329 (1): 5-104



January 3, 2023, Vol 329, No. 1, Pages 5-104

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JAMA. 2023;329(1):e2215746. doi:10.1001/jama.2022.15746



**Audio:** Rapid-Onset Opioid vs Neuromuscular Blocker for Rapid Sequence Intubation, 180-Day Outcomes in COVID-19 in REMAP-CAP, Recommendations for Antiretrovirals for Treatment and Prevention of HIV, and more

## Original Investigation

**Effect of Remifentanyl vs Neuromuscular Blockers During Rapid Sequence Intubation on Successful Intubation Without Major**

# Complications Among Patients at Risk of Aspiration: A Randomized Clinical Trial

Nicolas Grillo, MD; Gilles Lebuffe, MD, PhD; Olivier Huet, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):28-38. doi:10.1001/jama.2022.23550

This randomized trial assesses the effect of remifentanyl vs neuromuscular blockers on successful intubation without major complications among patients at risk of aspiration during rapid sequence intubation in the operating room.

---

## Caring for the Critically Ill Patient

### Long-term (180-Day) Outcomes in Critically Ill Patients With COVID-19 in the REMAP-CAP Randomized Clinical Trial

Writing Committee for the REMAP-CAP Investigators

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(1):39-51. doi:10.1001/jama.2022.23257

This secondary analysis of an ongoing adaptive platform trial examines the effect of multiple interventions for critically ill adults with COVID-19 on longer-term outcomes.

## Editorial

### Long-term Follow-up After Critical COVID-19: REMAP-CAP Revisited

Michael L. Barnett, MD, MS; Paul E. Sax, MD

---

## Association of Race and Ethnicity With Initial Prescription of Antiretroviral Therapy Among People With HIV in the US

Lauren C. Zalla, PhD; Stephen R. Cole, PhD; Joseph J. Eron, MD; et al.

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(1):52-62. doi:10.1001/jama.2022.23617

This retrospective observational study of adults entering HIV care between 2007 and 2019 compares differences in the prescription of integrase inhibitor-containing antiretroviral therapy by patient race and ethnicity.

## Research Letter

---

### Manufacturer Revenue on Inhalers After Expiration of Primary Patents, 2000-2021

William B. Feldman, MD, DPhil, MPH; S. Sean Tu, JD, PhD; Rasha Alhiary, PharmD; et al.

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(1):87-89. doi:10.1001/jama.2022.19691

This study quantifies the revenue earned on all brand-name inhalers approved by the US Food and Drug Administration from 2000 to 2021 and compared earnings before and after expiration of primary patents on these products.

---

### Estimated Medicare Part B Savings From Inflationary Rebates

Alexander C. Egilman, BA; Aaron S. Kesselheim, MD, JD, MPH; Benjamin N. Rome, MD, MPH

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(1):89-92. doi:10.1001/jama.2022.20189

This study uses annual Medicare Part B spending data to examine the potential savings from the drug pricing reforms in the Inflation Reduction Act of 2022.

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### COVID-19 and Excess All-Cause Mortality in the US and 20 Comparison Countries, June 2021-March 2022

Alyssa Bilinski, PhD; Kathryn Thompson, MHA; Ezekiel Emanuel, MD, PhD

[Abstract](#) | [Full Text](#)

**FREE** *JAMA*. 2023;329(1):92-94. doi:10.1001/jama.2022.21795

This study compares the COVID-19 per capita overall and excess mortality rates in the US vs rates for 20 Organization for Economic Co-operation and Development countries and the timing of any

increases in excess mortality between June 2021 and December 2021 (Delta) and December 2021 to March 2022 (Omicron).

## Special Communication

---

### Antiretroviral Drugs for Treatment and Prevention of HIV Infection in Adults: 2022 Recommendations of the International Antiviral Society–USA Panel

Rajesh T. Gandhi, MD; Roger Bedimo, MD; Jennifer F. Hoy, MBBS; et al.

[Abstract](#) | [Full Text](#)



*JAMA*. 2023;329(1):63-84. doi:10.1001/jama.2022.22246

This guideline from the International Antiviral (formerly AIDS) Society–USA updates practice recommendations for managing HIV infection, including when to change antiretroviral regimens; use of preexposure prophylaxis to prevent infection in at-risk persons; care of pregnant persons with HIV, people aging with HIV, and people with substance use disorder and HIV; and new challenges in people with HIV, including COVID-19 and monkeypox virus infection.



**Audio:** Advances in Treatment and Prevention of HIV

## Viewpoint

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### Medicaid, the Supreme Court, and Safe Care for Nursing Home Residents

Nicole Huberfeld, JD

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(1):17-18. doi:10.1001/jama.2022.22762


This Viewpoint details the risk to Medicaid beneficiaries if the Supreme Court supports a decision that will allow states to deny benefits to eligible recipients and deny beneficiaries' ability to hold states accountable in federal court.

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## Urgent Need for Next-Generation COVID-19 Vaccines

Peter W. Marks, MD, PhD; Philip A. Gruppuso, MD; Eli Y. Adashi, MD, MS

[Abstract](#) | [Full Text](#)

**FREE**  *JAMA.* 2023;329(1):19-20. doi:10.1001/jama.2022.22759

This Viewpoint argues that the development of a distinctly improved generation of SARS-CoV-2 vaccines is paramount to offering a greater breadth and depth of protection for a longer duration against COVID-19 disease.



**Audio:** Urgent Need for Next-Generation COVID-19 Vaccines

## A Piece of My Mind

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### The Scent of Hope

Brooke Redmond, MD

[Abstract](#) | [Full Text](#)

*JAMA.* 2023;329(1):21-22. doi:10.1001/jama.2022.22367

In this narrative medicine essay, a neonatologist bends over her young daughter and breathes in the scent of hope after her child is hospitalized with diabetic ketoacidosis and a new diagnosis of diabetes.

## Editorial

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### Public Access to Scientific Research Findings and Principles of Biomedical Research—A New Policy for the JAMA Network

Kirsten Bibbins-Domingo, PhD, MD, MAS; Brian Shields, MBA; John Z. Ayanian, MD, MPP; et al.

[Abstract](#) | [Full Text](#)

**FREE** *JAMA.* 2023;329(1):23-24. doi:10.1001/jama.2022.23451

#### Editorial

##### Correcting the Medical Literature: “To Err Is Human, to Correct Divine”

Stacy Christiansen, MA; Annette Flanagan, RN, MA

##### Data Sharing and the Growth of Medical Knowledge

Annette Flanagan, RN, MA; Gregory Curfman, MD; Kirsten Bibbins-Domingo, PhD, MD, MAS




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# Long-term Follow-up After Critical COVID-19: REMAP-CAP Revisited

Michael L. Barnett, MD, MS; Paul E. Sax, MD

[Abstract](#) | [Full Text](#)

 JAMA. 2023;329(1):25-27. doi:10.1001/jama.2022.23700

## JAMA Insights


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Genomics and Precision Health

### RNA Sequencing as a Diagnostic Tool

Shamika Ketkar, PhD; Lindsay C. Burrage, MD, PhD; Brendan Lee, MD, PhD

[Abstract](#) | [Full Text](#)

 CME JAMA. 2023;329(1):85-86. doi:10.1001/jama.2022.22843

This JAMA Insights discusses RNA sequencing, which allows detection of qualitative and quantitative changes in RNA expression across the genome in clinical samples, and how it may improve molecular diagnostic rates achieved by diagnostic exome sequencing and whole-genome sequencing alone.

## Medical News & Perspectives

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### Cardiovascular Corner—Researchers Probe Factors That May Contribute to Cardiovascular Health Disparities

Melissa Suran, PhD, MSJ

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):7-8. doi:10.1001/jama.2022.22283

This Medical News article highlights recently published research about disparities in cardiovascular health.



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# Amid Ohio Measles Outbreak, New Global Report Warns of Decreased Vaccination During COVID-19 Pandemic

Jennifer Abbasi

[Abstract](#) | [Full Text](#)

  JAMA. 2023;329(1):9-11. doi:10.1001/jama.2022.23241

This Medical News article discusses an annual report on measles from the World Health Organization and the US Centers for Disease Control and Prevention.



**Audio:** December 2022 Medical News Summary

## News From the JAMA Network

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### Mindfulness Noninferior to Medication for Quelling Anxiety

Anita Slomski

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):12. doi:10.1001/jama.2022.23506

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### Low-Dose Aspirin Does Not Appear to Reduce Fractures

Anita Slomski

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JAMA. 2023;329(1):12. doi:10.1001/jama.2022.23505

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### Vitamin C Improved Respiratory Health Among Children Born to Pregnant People Who Smoked

Anita Slomski

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):12. doi:10.1001/jama.2022.23507

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### Entirely Remote Intervention Decreased BP and LDL-C in Diverse Patient Groups

Anita Slomski

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):13. doi:10.1001/jama.2022.23508

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## News From the Food and Drug Administration

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### First FDA-Approved Gene Therapy for Hemophilia

Howard Larkin

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):14. doi:10.1001/jama.2022.23510

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### New Drug Delays Type 1 Diabetes Onset

Howard Larkin

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):14. doi:10.1001/jama.2022.23509

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### Combined COVID-19 and Flu Test Authorized for Point-of-Care Use

Howard Larkin

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**FREE** JAMA. 2023;329(1):14-15. doi:10.1001/jama.2022.23890

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## Poetry and Medicine

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### Maine Medical Center

David Ebenbach, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):100. doi:10.1001/jama.2022.15013

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## JAMA Revisited

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### Present Status of “Insulin”

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):101. doi:10.1001/jama.2022.15747

## JAMA Patient Page

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### What Is Pulmonary Embolism?

Kristin Walter, MD, MS

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(1):104. doi:10.1001/jama.2022.17782

This JAMA Patient Page describes pulmonary embolism signs and symptoms, risk factors, diagnosis, and treatment options.

## Comment & Response

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### Opportunities for Clinicians and Health Systems to Address Disparities in US Drug Overdose Deaths by Race and Ethnicity

Margaret Kirkegaard, MD, MPH; Bren Manaugh, LCSW-S

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):94-95. doi:10.1001/jama.2022.19070

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### Opportunities for Clinicians and Health Systems to Address Disparities in US Drug Overdose Deaths by Race and Ethnicity—Reply

Mbabazi Kariisa, PhD, MPH; Puja Seth, PhD; Christopher M. Jones, PharmD, DrPH

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):95-96. doi:10.1001/jama.2022.19073

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### Gout Flare and Cardiovascular Events

Ana Catarina Fonseca, MD, PhD, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):96. doi:10.1001/jama.2022.20111

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## Gout Flare and Cardiovascular Events—Reply

Edoardo Cipolletta, MD; Laila J. Tata, PhD; Abhishek Abhishek, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):96-97. doi:10.1001/jama.2022.20114

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## High- vs Low-Dose Tranexamic Acid Infusion and Need for Red Blood Cell Transfusion and Adverse Events in Cardiac Surgery

Andreas Koster, MD, PhD; Nikolai Hulde, MD; Armin Zittermann, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(1):97. doi:10.1001/jama.2022.20277

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## High- vs Low-Dose Tranexamic Acid Infusion and Need for Red Blood Cell Transfusion and Adverse Events in Cardiac Surgery—Reply

Jia Shi, MD; Chenghui Zhou, MD; Zhe Zheng, MD

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JAMA. 2023;329(1):97-99. doi:10.1001/jama.2022.20280

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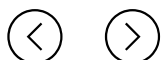
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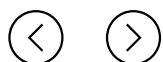
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January 10; 329 (2): 107-184



January 10, 2023, Vol 329, No. 2, Pages 107-184

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JAMA. 2023;329(2):e2215755. doi:10.1001/jama.2022.15755



**Audio:** Catheter Ablation Techniques for Persistent Atrial Fibrillation, Medical Device Recalls, Review of Autism Spectrum Disorder, and more

## Original Investigation

**Effect of Catheter Ablation Using Pulmonary Vein Isolation With vs Without Posterior Left Atrial Wall Isolation on Atrial**

# Arrhythmia Recurrence in Patients With Persistent Atrial Fibrillation: The CAPLA Randomized Clinical Trial

Peter M. Kistler, MBBS, PhD; David Chieng, MBBS; Hariharan Sugumar, MBBS, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):127-135. doi:10.1001/jama.2022.23722

This randomized clinical trial compares pulmonary vein isolation (PVI) vs PVI with posterior wall isolation for achieving freedom from atrial arrhythmia in adult patients with persistent atrial fibrillation undergoing first-time catheter ablation in Australia, the UK, and Canada.

## Editorial

### Catheter Ablation for Persistent Atrial Fibrillation

Rod Passman, MD, MSCE

---

# Use of Recalled Devices in New Device Authorizations Under the US Food and Drug Administration's 510(k) Pathway and Risk of Subsequent Recalls

Kushal T. Kadakia, MSc; Sanket S. Dhruva, MD, MHS; César Caraballo, MD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):136-143. doi:10.1001/jama.2022.23279

This cross-sectional study evaluates the frequency of new devices receiving US Food and Drug Administration approval through its 510(k) pathway based on predicate devices that had been subject to a Class 1 recall.

## Editorial

### Quantitative Analyses of Regulatory Policies for Medical Devices: Matching the Methods to the Moment

Daniel B. Kramer, MD, MPH; Robert W. Yeh, MD, MSc

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# Association Between Regulatory Submission Characteristics and Recalls of Medical Devices Receiving 510(k) Clearance

Alexander O. Everhart, PhD; Soumya Sen, PhD; Ariel D. Stern, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):144-156. doi:10.1001/jama.2022.22974

This study uses US Food and Drug Administration data and examines the association between characteristics of predicate medical devices and recall probability for applicant medical devices cleared for use via the 510(k) regulatory submission pathway.

## Editorial

### Quantitative Analyses of Regulatory Policies for Medical Devices: Matching the Methods to the Moment

Daniel B. Kramer, MD, MPH; Robert W. Yeh, MD, MSc

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## Research Letter

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### Hearing Loss and Dementia Prevalence in Older Adults in the US

Alison R. Huang, PhD; Kening Jiang, MHS; Frank R. Lin, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):171-173. doi:10.1001/jama.2022.20954

This study assesses the association of audiometric hearing loss and hearing aid use with dementia among community-dwelling older US Medicare beneficiaries.

---

### Comparison of the Financial and Operational Characteristics of For-Profit and Nonprofit Hospitals Receiving Federal Graduate Medical Education Payments, 2011-2020

Kushal T. Kadakia, MSc; Jie Zheng, PhD; Joseph D. Bruch, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):173-175. doi:10.1001/jama.2022.21460


This study compares graduate medical education (GME) payments between nonprofit and for-profit hospitals between 2011 and 2020 to assess how hospitals value GME.



### Defending Racial and Ethnic Diversity in Undergraduate and Medical School Admission Policies

Roy H. Hamilton, MD, MS; Suzanne Rose, MD, MEd; Horace M. DeLisser, MD

[Abstract](#) | [Full Text](#)

 JAMA. 2023;329(2):119-120. doi:10.1001/jama.2022.23124

This Viewpoint argues that reversing or restricting the use of race and ethnicity in academic admission policies could also threaten the diversity of medical schools, both directly by restricting race consciousness in medical school admission practices and indirectly by reducing the overall number of minoritized undergraduate students attending US colleges and universities who could apply to medical school.



**Audio:** Challenges to Racial and Ethnic Diversity Policies in Undergraduate and Medical School Admissions

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### Ensuring Clarity and Understandability of the FDA's Breast Density Notifications

Nancy R. Kressin, PhD; Priscilla J. Slanetz, MD, MPH; Christine M. Gunn, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):121-122. doi:10.1001/jama.2022.22753

This Viewpoint discusses the use of breast density notifications to inform women with dense breast tissue of the potential need for supplemental cancer screening, as well as the need to ensure that such notifications are clear and understandable to women of all language backgrounds, literacy levels, educational levels, and socioeconomic backgrounds.

## A Piece of My Mind

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### Getting Treated for COVID-19 Shouldn't Be This Difficult

Christina Mangurian, MD, MAS

[Abstract](#) | [Full Text](#)



JAMA. 2023;329(2):123-124. doi:10.1001/jama.2022.23155

In this narrative medicine essay, a psychiatrist finds that the difficulties she had helping her parents obtain Paxlovid seemed a common experience among her colleagues, so she offers patients and the medical community suggestions on how to simplify the process.

## Editorial

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### Catheter Ablation for Persistent Atrial Fibrillation

Rod Passman, MD, MSCE

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):125-126. doi:10.1001/jama.2022.23953

## Review

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### Autism Spectrum Disorder: A Review

Tomoya Hirota, MD; Bryan H. King, MD, MBA

[Abstract](#) | [Full Text](#)



CME JAMA. 2023;329(2):157-168. doi:10.1001/jama.2022.23661

This review discusses current evidence on the diagnosis and management of autism spectrum disorder.

## JAMA Diagnostic Test Interpretation

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### Home Sleep Apnea Testing for the Diagnosis of Obstructive Sleep Apnea

Scott Hoff, MD; Nancy Collop, MD

[Abstract](#) | [Full Text](#)



CME JAMA. 2023;329(2):169-170. doi:10.1001/jama.2022.22327

A 50-year-old patient with epilepsy, hypertension, loud snoring, recent 50-lb weight gain, and abrupt awakenings with a feeling of breathlessness but no headaches or excessive daytime sleepiness presented with concerns. What would you do next?

## Medical News & Perspectives

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### Will the New CDC Opioid Prescribing Guidelines Help Correct the Course in Pain Care?

Rachel Rabkin Peachman

[Abstract](#) | [Full Text](#)

 *JAMA*. 2023;329(2):111-113. doi:10.1001/jama.2022.22284

This Medical News article discusses the 2022 Clinical Practice Guideline for Prescribing Opioids for Pain, an update to widely criticized recommendations released by the CDC in 2016.



**Audio:** December 2022 Medical News Summary

## News From the Centers for Disease Control and Prevention

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### CDC Invests \$3 Billion in Rebuilding US Public Health

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(2):116. doi:10.1001/jama.2022.22660

### CDC to Expand Wastewater Testing for Poliovirus

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(2):116-117. doi:10.1001/jama.2022.20038

## Biotech Innovations

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### Noninvasive Sensory Stimulation With Light and Sound Tested in Alzheimer Disease

Howard Larkin

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(2):114. doi:10.1001/jama.2022.23513

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## Twenty-Strain “Universal” mRNA Flu Vaccine Effective in Animal Studies

Howard Larkin; Howard Larkin

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):114. doi:10.1001/jama.2022.23512

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## Whole-Sporozoite Malaria Vaccine Candidate Shows Real-world Promise

Howard Larkin

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):115. doi:10.1001/jama.2022.23514

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## The Arts and Medicine

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### *The Collected Schizophrenias*—Narrative Insights Into Schizoaffective Disorder

Margot Hedlin, MD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):109-110. doi:10.1001/jama.2022.22323

This Arts and Medicine feature reviews *The Collected Schizophrenias*, a 2019 essay collection by Esmé Weijun Wang about her experiences living with schizoaffective disorder.

## Poetry and Medicine

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### I Wonder If You Get Points in Heaven for This

Joanna Lee, MD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):180. doi:10.1001/jama.2022.22812

## JAMA Revisited

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## The Quest of Potential Energy

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):181. doi:10.1001/jama.2022.15756

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## JAMA Patient Page

### Fentanyl Overdose

Kristin Walter, MD, MS

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(2):184. doi:10.1001/jama.2022.22462

This JAMA Patient Page describes fentanyl and illicit fentanyl analogues, and the common signs and symptoms of fentanyl overdose, its treatment, and overdose prevention measures.

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## Comment & Response

### Effect of an Individualized Audit and Feedback Intervention on Rates of Musculoskeletal Diagnostic Imaging Requests

Louise Stone, PhD; Oliver Frank, PhD; Chun Wah Michael Tam, MMH

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):175. doi:10.1001/jama.2022.20739

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### Effect of an Individualized Audit and Feedback Intervention on Rates of Musculoskeletal Diagnostic Imaging Requests—Reply

Denise A. O'Connor, PhD; Paul Glasziou, PhD; Rachelle Buchbinder, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):175-176. doi:10.1001/jama.2022.20742

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### Aspirin vs Enoxaparin and Symptomatic Venous Thromboembolism in Hip or Knee Arthroplasty

Chia-Chien Hsu, MD; Chi-Jen Hsu, MD; James Cheng-Chung Wei, MD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):176. doi:10.1001/jama.2022.20748

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## Aspirin vs Enoxaparin and Symptomatic Venous Thromboembolism in Hip or Knee Arthroplasty

Chia-Hao Hsu, MD; Chung-Hwan Chen, MD, PhD; Nin-Chieh Hsu, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):176-177. doi:10.1001/jama.2022.20751

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## Aspirin vs Enoxaparin and Symptomatic Venous Thromboembolism in Hip or Knee Arthroplasty

David E. DeMik, MD, PharmD; Michael A. Mont, MD; Michael Dunbar, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):177. doi:10.1001/jama.2022.20745

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## Aspirin vs Enoxaparin and Symptomatic Venous Thromboembolism in Hip or Knee Arthroplasty—Reply

Verinder Singh Sidhu, MS; Ian A. Harris, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(2):177-178. doi:10.1001/jama.2022.20754

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## Correction

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### Incorrect Wording

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(2):178. doi:10.1001/jama.2022.23151

### Editorial

#### Clinical Decision Support to Prevent Acute Kidney Injury After Cardiac Catheterization: Moving Beyond Process to Improving Clinical Outcomes

Eric R. Gottlieb, MD, MS; Mallika Mendu, MD, MBA

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## Incorrect Data, Investigator Name, and eFigure

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(2):178. doi:10.1001/jama.2022.23315

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## Incorrect Author Name

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(2):178. doi:10.1001/jama.2022.22936

## JAMA Masthead

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### JAMA

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(2):107-108. doi:10.1001/jama.2022.15754



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JAMA Network Statement on Potentially Offensive Content

## January 2023 - July 1883

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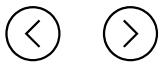
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January 17; 329 (3): 195-268



January 17, 2023, Vol 329, No. 3, Pages 195-268

## In This Issue of JAMA

### Audio Highlights

[Abstract](#) | [Full Text](#)

FREE

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JAMA. 2023;329(3):e2215764. doi:10.1001/jama.2022.15764



**Audio:** Loop Diuretics for Heart Failure, Oxygen Therapy Strategies for Children With Acute Hypoxemic Respiratory Failure, Review of Surgical Site Infection Prevention, and more

## Original Investigation

**Effect of Torsemide vs Furosemide After Discharge on All-Cause Mortality in Patients Hospitalized With Heart Failure: The TRANSFORM-HF Randomized Clinical Trial**



Robert J. Mentz, MD; Kevin J. Anstrom, PhD; Eric L. Eisenstein, DBA; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):214-223. doi:10.1001/jama.2022.23924

This clinical trial compares the efficacy of torsemide vs furosemide in decreasing the risk of death from any cause among patients hospitalized for heart failure (regardless of ejection fraction).

## Editorial

### TRANSFORM-HF—Can We Close the Loop on Diuretics in Heart Failure?

Michelle M. Kittleson, MD, PhD

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## Caring for the Critically Ill Patient

### Effect of Early High-Flow Nasal Oxygen vs Standard Oxygen Therapy on Length of Hospital Stay in Hospitalized Children With Acute Hypoxemic Respiratory Failure: The PARIS-2 Randomized Clinical Trial

Donna Franklin, PhD, MBA, BN; Franz E. Babl, MD; Shane George, MBBS, MPH, BSc; et al.

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):224-234. doi:10.1001/jama.2022.21805

This randomized clinical trial compares the effect of early high-flow oxygen therapy vs standard oxygen therapy on length of hospital stay in children with acute hypoxemic respiratory failure.

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## Association of Supernumerary Sex Chromosome Aneuploidies With Venous Thromboembolism

Alexander S. F. Berry, PhD; Brenda M. Finucane, MS; Scott M. Myers, MD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):235-243. doi:10.1001/jama.2022.23897

This study assesses the association of sex chromosome aneuploidies with incidence of venous thromboembolism (VTE) in 2 large biobank populations.

## Research Letter

---

### Timing of Blood Draws Among Patients Hospitalized in a Large Academic Medical Center

César Caraballo, MD; Shiwani Mahajan, MD, MHS; Karthik Murugiah, MD; et al.

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(3):255-257. doi:10.1001/jama.2022.21509

This study describes the degree to which blood draws occurred among hospitalized patients during traditional sleep hours and investigates trends over time.

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### Association Between Doses of Levonorgestrel Intrauterine Systems and Subsequent Use of Psychotropic Drugs in France

Noémie Roland, MD, MPH; Bérangère Baricault, MPH; Alain Weill, MD; et al.

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(3):257-259. doi:10.1001/jama.2022.21471

This matched-cohort study uses data from the French National Health Insurance database to assess whether a 19.5-mg levonorgestrel intrauterine system, vs a 52-mg system, is associated with increased use of antidepressant, hypnotic, and anxiolytic medications.

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## Viewpoint

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### The Need for a Smoking Cessation “Care Package”

Robert M. Califf, MD; Brian A. King, PhD, MPH

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(3):203-204. doi:10.1001/jama.2022.24398

This Viewpoint from leadership at the US Food and Drug Administration (FDA) proposes the creation of a comprehensive “care package” framework of resources to help maximize cessation of tobacco use, including components focused on strategies at the individual, health system, and population levels.

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# Fifty Years of a National Program for the Treatment of Kidney Failure

Kevin F. Erickson, MD, MS; Melandrea Worsley, MD; Wolfgang C. Winkelmayr, MD, MPH, ScD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):205-206. doi:10.1001/jama.2022.23873

This Viewpoint examines the first 50 years of the US End-Stage Renal Disease (ESRD) program, including technological updates and continuing challenges to update cost and quality.

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## Anatomy From Nazi Germany to Today

Sabine Hildebrandt, MD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):207-208. doi:10.1001/jama.2022.23531

This viewpoint reviews the anatomical body procurement used in Nazi Germany, notes the continued use of those images, and calls for disclosure of the biographical history of the people whose bodies and tissues are now studied.

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## A Piece of My Mind

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### Fake It 'Til You Make It

Leighton Schreyer, BSc

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):209-210. doi:10.1001/jama.2022.23658

In this narrative medicine essay, a medical student recounts the high price to their mental health for embracing the advice of their childhood therapist to “fake it ‘til you make it.”

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## Editorial

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### TRANSFORM-HF—Can We Close the Loop on Diuretics in Heart Failure?

Michelle M. Kittleson, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):211-213. doi:10.1001/jama.2022.21692



## Review

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### Surgical Site Infection Prevention: A Review

Jessica L. Seidelman, MD, MPH; Christopher R. Mantyh, MD; Deverick J. Anderson, MD, MPH

[Abstract](#) | [Full Text](#)

 CME  JAMA. 2023;329(3):244-252. doi:10.1001/jama.2022.24075

This review summarizes current evidence-based interventions for prevention of surgical site infection that are applicable to the majority of operations.



**Audio:** Surgical Site Infection Prevention


## JAMA Clinical Challenge

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### A 62-Year-Old Woman With a Large Abdominal Mass

Luigi Marano, MD, PhD; Ludovico Carbone, MD; Franco Roviello, MD

[Abstract](#) | [Full Text](#)

 CME JAMA. 2023;329(3):253-254. doi:10.1001/jama.2022.23320

A 62-year-old nulligravida woman had 10 months of progressive abdominal distension, diffuse abdominal pain, and 25-kg weight gain. She had no nausea or vomiting, hematochezia, or stool changes; pelvic and abdominal examination showed a large abdominal mass extending from the epigastrium to the pelvis but no other abnormalities; results of laboratory testing, including cancer antigen levels, were unremarkable. What is the diagnosis and what would you do next?

## Medical News & Perspectives

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### On the Rise, *Candida auris* Outwits Treatments and Travels Incognito in Health Care Settings

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):197-199. doi:10.1001/jama.2022.17760

This Medical News feature examines the relatively newly identified fungus *Candida auris*, a hardy species that can resist treatment with antifungal agents, is highly contagious, and is associated with serious infections and significant mortality.

## News From the Food and Drug Administration

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### New Gene Therapy for Certain Bladder Cancers

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):201. doi:10.1001/jama.2022.23555

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### FDA Warns of Risks of Body Sculpting

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):201. doi:10.1001/jama.2022.23554

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### Updated Labeling for Capecitabine, a 25-Year-Old Cancer Drug

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):201. doi:10.1001/jama.2022.24814

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## Global Health

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### WHO Report: Cholera Resurgent in 2022 After Years of Decline

Howard Larkin

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):200. doi:10.1001/jama.2022.23551

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# Increasing Antimicrobial Resistance Poses Global Threat, WHO Says

Howard Larkin

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):200. doi:10.1001/jama.2022.23552

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# More Adolescents and Young Adults Developing Type 2 Diabetes Around the World

Howard Larkin

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):200. doi:10.1001/jama.2022.23553

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## Poetry and Medicine

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### How Was Clinic?

Matthew J. Farrell, MD, MFA

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):264. doi:10.1001/jama.2022.22867

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## JAMA Revisited

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### Psychosomatic Medicine and "The Art of Medicine"

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):265. doi:10.1001/jama.2022.15765

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## JAMA Patient Page

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### Atopic Dermatitis (Eczema)

Raj Chovatiya, MD, PhD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):268. doi:10.1001/jama.2022.21457

This JAMA Patient Page describes atopic dermatitis (eczema) and its symptoms and treatment options.

## Comment & Response

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### **Radiotherapy Alone vs Radiotherapy With Concurrent Chemoradiotherapy and Survival of Patients With Low-Risk Nasopharyngeal Carcinoma**

Ya-Ting Hu, BS; Yung-Shuo Kao, MD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):260. doi:10.1001/jama.2022.21030

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### **Radiotherapy Alone vs Radiotherapy With Concurrent Chemoradiotherapy and Survival of Patients With Low-Risk Nasopharyngeal Carcinoma**

Yang Liu, MD; Ye Zhang, MD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):260-261. doi:10.1001/jama.2022.21027

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### **Radiotherapy Alone vs Radiotherapy With Concurrent Chemoradiotherapy and Survival of Patients With Low-Risk Nasopharyngeal Carcinoma**

Timothy A. Lin, MD, MBA; Lee-Jen Wei, PhD; Ethan B. Ludmir, MD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):261. doi:10.1001/jama.2022.21033

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### **Radiotherapy Alone vs Radiotherapy With Concurrent Chemoradiotherapy and Survival of Patients With Low-Risk Nasopharyngeal Carcinoma—Reply**

Rui Guo, MD; Ling-Long Tang, MD; Jun Ma, MD

[Abstract](#) | [Full Text](#)

## Graded Sensorimotor Retraining and Pain Intensity in Chronic Low Back Pain

Bo Jiao, MD; Mingyuan Chen, MD; Chan Chen, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):262. doi:10.1001/jama.2022.21210

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## Graded Sensorimotor Retraining and Pain Intensity in Chronic Low Back Pain—Reply

Aidan G. Cashin, PhD; Benedict M. Wand, PhD; James H. McAuley, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(3):262-263. doi:10.1001/jama.2022.21213

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## Correction

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### Incorrect Term

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):263. doi:10.1001/jama.2022.24161

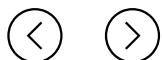
## JAMA Masthead

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### JAMA

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(3):195-196. doi:10.1001/jama.2022.15763



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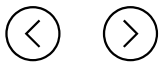
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January 24/31; 329 (4): 273-350



January 24/31, 2023, Vol 329, No. 4, Pages 273-350

## In This Issue of JAMA

### Audio Highlights

[Abstract](#) | [Full Text](#)

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JAMA. 2023;329(4):e2215773. doi:10.1001/jama.2022.15773





**Audio:** Fluvoxamine for Outpatients With Mild to Moderate COVID-19, Accuracy of Stroke Risk Prediction Models, Organization and Performance of US Health Systems, and more

## Original Investigation

**Effect of Fluvoxamine vs Placebo on Time to Sustained Recovery in Outpatients With Mild to Moderate COVID-19: A Randomized Clinical Trial**

Matthew W. McCarthy, MD; Susanna Naggie, MD, MHS; David R. Boulware, MD, MPH; et al.

[Abstract](#) | [Full Text](#)

  JAMA. 2023;329(4):296-305. doi:10.1001/jama.2022.24100

This randomized, placebo-controlled platform trial compares the use of low-dose fluvoxamine (50 mg twice daily) for 10 days compared with placebo in outpatients with mild to moderate COVID-19.



**Audio Author Interview:** Fluvoxamine vs Placebo and Time to Sustained Recovery From Mild or Moderate COVID-19

## Editorial

### Lack of Benefit of Fluvoxamine for COVID-19

Adarsh Bhimraj, MD; Jason C. Gallagher, PharmD

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## Predictive Accuracy of Stroke Risk Prediction Models Across Black and White Race, Sex, and Age Groups

Chuan Hong, PhD; Michael J. Pencina, PhD; Daniel M. Wojdyla, MS; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):306-317. doi:10.1001/jama.2022.24683

This retrospective cohort study compares stroke-specific algorithms with pooled cohort equations developed for atherosclerotic cardiovascular disease for the prediction of new-onset stroke across different subgroups (race, sex, and age) and the added value of novel machine learning techniques.

---

## Estimated Prevalence and Clinical Manifestations of *UBA1* Variants Associated With VEXAS Syndrome in a Clinical Population

David B. Beck, MD, PhD; Dale L. Bodian, PhD; Vandan Shah, MD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):318-324. doi:10.1001/jama.2022.24836

This retrospective observational study evaluates *UBA1* variants in exome data from individuals in the Geisinger MyCode Community Health Initiative.

## Research Letter

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### Trends in Sexual Assault Against Detainees in US Immigration Detention Centers, 2018-2022

Nicole Lue, BA; Joseph Nwadiuko, MD, MPH, MSHP; Parveen Parmar, MD, MPH; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):338-339. doi:10.1001/jama.2022.22938

This study examines sexual assault allegations perpetrated against individuals detained across US Immigration and Customs Enforcement (ICE) detention facilities from 2018 to 2022.

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### Association Between Billing Patient Portal Messages as e-Visits and Patient Messaging Volume

A. Jay Holmgren, PhD, MHI; Maria E. Byron, MD; Carrie K. Grouse, MD; et al.

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):339-342. doi:10.1001/jama.2022.24710

This study evaluates the adoption of clinician billing for patient portal messages as e-visits, prompted by significant increases in patient messaging after the onset of the COVID-19 pandemic.

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## Special Communication

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### Organization and Performance of US Health Systems

Nancy D. Beaulieu, PhD; Michael E. Chernew, PhD; J. Michael McWilliams, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

 CME JAMA. 2023;329(4):325-335. doi:10.1001/jama.2022.24032

This Special Communication examines health systems in the United States, assesses differences between physicians and hospitals in and outside of health systems, and compares quality and cost of care delivered by physicians and hospitals in and outside of health systems.

## Viewpoint

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### Prevention of Bias and Discrimination in Clinical Practice Algorithms

Carmel Shachar, JD, MPH; Sara Gerke, Dipl-Jur Univ, MA

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(4):283-284. doi:10.1001/jama.2022.23867

This Viewpoint discusses a proposed DHHS rule to address discrimination in clinical algorithms and the need for additional considerations to ensure the burden of liability for biased algorithms is not disproportionately placed on health care professionals.

---

### Clinical Algorithms, Antidiscrimination Laws, and Medical Device Regulation

Katherine E. Goodman, PhD, JD; Daniel J. Morgan, MD, MS; Diane E. Hoffmann, JD, MSc

[Abstract](#) | [Full Text](#)

*JAMA*. 2023;329(4):285-286. doi:10.1001/jama.2022.23870

This Viewpoint discusses recent legal directives by the DHHS and FDA that could increase health care entities' liability for possible discriminatory biases of clinical algorithms and the need for additional legal clarity to avoid adverse effects on algorithm development and use.

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### Disentangling the Role of Health Care Systems in Producing High-Quality Care

Valerie A. Lewis, PhD; Genevra F. Murray, PhD; Darren A. DeWalt, MD, MPH

[Abstract](#) | [Full Text](#)

**FREE** *JAMA*. 2023;329(4):287-288. doi:10.1001/jama.2022.24728

This Viewpoint examines in-depth 5 features of health care systems that may influence quality of care: pooled resources, centralization, standardization, interprovider coordination, and cross-practice learning.

## A Piece of My Mind

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### Next Year

Eleanor R. Menzin, MD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):289-290. doi:10.1001/jama.2022.24056

In this narrative medicine essay, a pediatrician whose youngest child will start college next fall contemplates how she will shift focus on her career without competing interests.

## Editorial

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### Lack of Benefit of Fluvoxamine for COVID-19

Adarsh Bhimraj, MD; Jason C. Gallagher, PharmD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):291-292. doi:10.1001/jama.2022.23954

## Health Systems—The Present and the Future

Lawrence P. Casalino, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):293-294. doi:10.1001/jama.2022.24141


## JAMA Guide to Statistics and Methods

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### Sequential, Multiple Assignment, Randomized Trial Designs

Kelley M. Kidwell, PhD; Daniel Almirall, PhD

[Abstract](#) | [Full Text](#)

 CME JAMA. 2023;329(4):336-337. doi:10.1001/jama.2022.24324

This JAMA Guide to Statistics and Methods explains sequential, multiple assignment, randomized trial (SMART) study designs, in which some or all participants are randomized at 2 or more decision points depending on the participant's response to prior treatment.

## Editor's Note

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### ***Poetry and Medicine* and New Poetry Commentaries in JAMA**

Rafael Campo, MA, MD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):295. doi:10.1001/jama.2022.25105

#### Editor's Note

#### **Vagal Maneuvers**

Rafael Campo, MA, MD

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### **Vagal Maneuvers**

Rafael Campo, MA, MD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):345. doi:10.1001/jama.2022.24456

#### Editor's Note

#### ***Poetry and Medicine* and New Poetry Commentaries in JAMA**

Rafael Campo, MA, MD

## Medical News & Perspectives

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### Quick Uptakes

### **Study: Short Spurts of Vigorous Physical Activity During Daily Life Are Associated With Lower Mortality**

Melissa Suran, PhD, MSJ

[Abstract](#) | [Full Text](#)

 JAMA. 2023;329(4):275-276. doi:10.1001/jama.2022.24054

This Medical News article discusses a recent study that investigated the benefits of brief bursts of intense physical activity during daily life.



**Audio:** January 2023 Medical News Summary

## News From the Centers for Disease Control and Prevention

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### US Life Expectancy in 2021 Lowest Since 1996

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):280. doi:10.1001/jama.2022.23562

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### Fentanyl Drives Startling Increases in Adolescent Overdose Deaths

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):280-281. doi:10.1001/jama.2022.23563

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## Clinical Trials Update

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### Low-Carbohydrate, High-Fat Diet Improved Type 2 Diabetes Without Restricting Calories

Anita Slomski

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):278. doi:10.1001/jama.2022.23559

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### More Durable Pelvic Floor Muscle Training With Digital Device

Anita Slomski

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):278. doi:10.1001/jama.2022.23560

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## Ebola Vaccines Safe and Immunogenic in 2 Trials

Anita Slomski

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):278-279. doi:10.1001/jama.2022.23561

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## Novel Oral Polio Vaccine Safely Induces Antibodies Among Vaccine-Naïve Infants

Anita Slomski

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**FREE** JAMA. 2023;329(4):279. doi:10.1001/jama.2022.25137

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## Health Agencies Update

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### Government Accountability Office Examines Political Interference Among US Health Agencies

Melissa Suran, PhD, MSJ

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):277. doi:10.1001/jama.2022.23556

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### Updated Demographics and Health Stats for Older Adults Released

Melissa Suran, PhD, MSJ

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):277. doi:10.1001/jama.2022.23557

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### CMS Recommends Standardizing “Health Care Attachments”

Melissa Suran, PhD, MSJ

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## Poetry and Medicine

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### Viva Las Vagus

Nancy Naomi Carlson, PhD

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):345. doi:10.1001/jama.2022.23802

#### Editor's Note

#### Vagal Maneuvers

Rafael Campo, MA, MD

## JAMA Revisited

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### Efficiency in Medicine

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):346. doi:10.1001/jama.2022.15774

## JAMA Patient Page

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### Rabies

Jill Jin, MD, MPH

[Abstract](#) | [Full Text](#)

**FREE** JAMA. 2023;329(4):350. doi:10.1001/jama.2022.22254

This JAMA Patient Page describes rabies and its symptoms, diagnosis, and prevention measures.

## Comment & Response

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### Racial Differences in Detection of Fever Using Temporal vs Oral Temperature Measurements

David M. Newman, MD

[Abstract](#) | [Full Text](#)

## Racial Differences in Detection of Fever Using Temporal vs Oral Temperature Measurements

Francesco Pompei, PhD; Marybeth Pompei, DPS, RN

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):342. doi:10.1001/jama.2022.21352

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## Racial Differences in Detection of Fever Using Temporal vs Oral Temperature Measurements—Reply

Sivasubramaniam V. Bhavani, MD, MS; Zanthia Wiley, MD; Ighovwerha Ofotokun, MD, MSc

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):342-343. doi:10.1001/jama.2022.21356

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## Improvements in Adverse Event Rates Among Hospitalized Patients

Noel Eldridge, MS

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):343. doi:10.1001/jama.2022.21465

### Editorial

#### Improvements in Hospital Adverse Event Rates: Achieving Statistically Significant and Clinically Meaningful Results

William V. Padula, PhD; Peter J. Pronovost, MD, PhD



**Audio Author Interview:** Progress in Adverse Event Rates in US Hospitalized Patients

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## Improvements in Adverse Event Rates Among Hospitalized Patients—Reply

William V. Padula, PhD; Peter J. Pronovost, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2023;329(4):344. doi:10.1001/jama.2022.21468

## Editorial

### Improvements in Hospital Adverse Event Rates: Achieving Statistically Significant and Clinically Meaningful Results

William V. Padula, PhD; Peter J. Pronovost, MD, PhD



**Audio Author Interview:** Progress in Adverse Event Rates in US Hospitalized Patients

## Correction

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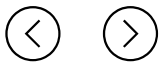
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January; 183 (1): 4-88



January 2023, Vol 183, No. 1, Pages 4-88

## Original Investigation

### Use Trends and Recent Expenditures for Cervical Cancer Screening-Associated Services in Medicare Fee-for-Service Beneficiaries Older Than 65 Years

Jin Qin, ScD; Hunter K. Holt, MD; Thomas B. Richards, MD; et al.

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):11-20. doi:10.1001/jamainternmed.2022.5261

This cross-sectional study examines annual use trends in cervical cancer screening-associated services in Medicare fee-for-service beneficiaries and estimates expenditures for services.

## Organ Donation and Transplants During Major US Motorcycle Rallies

David C. Cron, MD, MS; Christopher M. Worsham, MD; Joel T. Adler, MD, MPH; et al.

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):22-30. doi:10.1001/jamainternmed.2022.5431

This cross-sectional study examines rates of organ donation and transplants during major US motorcycle rallies vs 4 weeks before and after the rallies.

## Editorial

### Saving Lives Out of Motorcycle Tragedies

Grace Yuan Zhang, MD; Mitchell H. Katz, MD


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## Firearm Violence

### Effect of Abandoned Housing Interventions on Gun Violence, Perceptions of Safety, and Substance Use in Black Neighborhoods: A Citywide Cluster Randomized Trial

Eugenia C. South, MD, MS; John M. MacDonald, PhD; Vicky W. Tam, MA; et al.

[Abstract](#) | [Full Text](#)

 *JAMA Intern Med.* 2023;183(1):31-39. doi:10.1001/jamainternmed.2022.5460

This cluster randomized controlled trial assesses whether abandoned house remediation reduces gun violence and substance-related outcomes and increases perceptions of safety and use of outdoor space in low-income, Black neighborhoods.



**Audio:** Abandoned Housing Interventions and Gun Violence, Perceptions of Safety, and Substance Use

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### Association of Pneumococcal Conjugate Vaccine Use With Hospitalized Pneumonia in Medicare Beneficiaries 65 Years or Older With and Without Medical Conditions, 2014 to 2017

Miwako Kobayashi, MD, MPH; Michael W. Spiller, PhD; Xiyuan Wu, MS; et al.

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):40-47. doi:10.1001/jamainternmed.2022.5472

This cohort study examines the association of 13-valent pneumococcal conjugate vaccine use with pneumonia, non-health care-associated pneumonia, and lobar pneumonia (LP) hospitalization

among US Medicare beneficiaries 65 years or older.

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Health Care Policy and Law

## Sex, Racial, and Ethnic Representation in COVID-19 Clinical Trials: A Systematic Review and Meta-analysis

Hong Xiao, PhD; Riha Vaidya, PhD; Fang Liu, MD, MMed; et al.

[Abstract](#) | [Full Text](#)



*JAMA Intern Med.* 2023;183(1):50-60. doi:10.1001/jamainternmed.2022.5600

This systematic review and meta-analysis investigates whether female participants and racial and ethnic minority individuals are adequately represented in COVID-19 prevention and treatment trials in the US.

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## Effectiveness of Goal-Directed and Outcome-Based Financial Incentives for Weight Loss in Primary Care Patients With Obesity Living in Socioeconomically Disadvantaged Neighborhoods: A Randomized Clinical Trial

Joseph A. Ladapo, MD, PhD; Stephanie L. Orstad, PhD; Soma Wali, MD; et al.

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):61-69. doi:10.1001/jamainternmed.2022.5618

This randomized clinical trial examines the effects of 2 financial incentive strategies among patients with obesity living in low-income neighborhoods.

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## Editorial

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Health Care Policy and Law

## The Philips Respironics Recall of Ventilators and Positive Airway Pressure Machines—Breakdowns in Medical Device Surveillance

Kushal T. Kadakia, MSc; Joseph S. Ross, MD, MHS; Vinay K. Rathi, MD, MBA

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):5-8. doi:10.1001/jamainternmed.2022.5141

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## **Saving Lives Out of Motorcycle Tragedies**

Grace Yuan Zhang, MD; Mitchell H. Katz, MD

[Abstract](#) | [Full Text](#)



*JAMA Intern Med.* 2023;183(1):8. doi:10.1001/jamainternmed.2022.5515

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## **COP27 Climate Change Conference—Urgent Action Needed for Africa and the World**

Lukoye Atwoli; Gregory E. Erhabor; Aiah A. Gbakima; et al.

[Abstract](#) | [Full Text](#)

  *JAMA Intern Med.* 2023;183(1):9-10. doi:10.1001/jamainternmed.2022.5640



**Audio:** COP27 Climate Change Conference—Urgent Action Needed for Africa and the World

### **Editorial**

#### **COP27 Climate Change Conference—Urgent Action Needed for Africa and the World**

Lukoye Atwoli; Gregory E. Erhabor; Aiah A. Gbakima; Abraham Haileamlak; Jean-Marie Kayembe Ntumba; James Kigera; Laurie Laybourn-Langton; Bob Mash; Joy Muhia; Fhumulani Mavis Mulaudzi; David Ofori-Adjei; Friday Okonofua; Arash Rashidian; Maha El-Adawy; Siaka Sidibé; Abdelmadjid Snouber; James Tumwine; Mohammad Sahar Yassien; Paul Yonga; Lilia Zakhama; Chris Zielinski



**Audio:** COP27 Climate Change Conference—Urgent Action Needed for Africa and the World

## **Invited Commentary**

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## **Cervical Cancer Prevention and Cost for Women Older Than 65 Years in the US—Are We Spending Too Much or Too Little?**

Sarah Feldman, MD, MPH; Stephanie Alimena, MD

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):20-21. doi:10.1001/jamainternmed.2022.5251

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# All Older Adults Benefit From Pneumococcal Vaccinations—The Case for Evaluating Vaccine Effectiveness Using All-Cause Pneumonia

Amber Hsiao, MPH; Nicola P. Klein, MD, PhD

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):48-49. doi:10.1001/jamainternmed.2022.5456

## Editor's Note

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### Savings Associated With “Skinny Label” Biosimilars

Eric Ward, MD; Robert Steinbrook, MD

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):84. doi:10.1001/jamainternmed.2022.5418

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### The Uncertain Effects of Surveillance Screening for COVID-19 for Individuals Entering Health Care Facilities

Eric Ward, MD; Mitchell H. Katz, MD

[Abstract](#) | [Full Text](#)

**FREE** *JAMA Intern Med.* 2023;183(1):86. doi:10.1001/jamainternmed.2022.5429

## Research Letter

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#### Health Care Policy and Law

### State-Level Variation in Supplemental Maternity Kick Payments in Medicaid Managed Care

Samantha G. Auty, MS; Jamie R. Daw, PhD; Jacob Wallace, PhD

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):80-82. doi:10.1001/jamainternmed.2022.5146

This cross-sectional study assesses the prevalence and magnitude of state-level delivery event-triggered kick payments to Medicaid managed care plans and their association with delivery costs.

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## Frequency of Approval and Marketing of Biosimilars With a Skinny Label and Associated Medicare Savings

Alexander C. Egilman, BA; Victor L. Van de Wiele, LL.M.; Benjamin N. Rome, MD, MPH; et al.

[Abstract](#) | [Full Text](#)

*JAMA Intern Med.* 2023;183(1):82-84. doi:10.1001/jamainternmed.2022.5419

This cohort study assesses the frequency of approval and marketing of skinny-label biosimilars and their savings to Medicare.

### Editor's Note

#### Savings Associated With "Skinny Label" Biosimilars

Eric Ward, MD; Robert Steinbrook, MD

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## Analysis of Failure Rates for COVID-19 Entrance Screening at a US Academic Medical Center

Scott C. Roberts, MD, MS; Ridwan N. Faruq, MBBS; Anne K. Wilkinson, MBA; et al.

[Abstract](#) | [Full Text](#)

**FREE** *JAMA Intern Med.* 2023;183(1):84-86. doi:10.1001/jamainternmed.2022.5426

This quality improvement study analyzes the rate of failures in entrance screening for COVID-19 among individuals entering a large academic medical center.

### Editor's Note

#### The Uncertain Effects of Surveillance Screening for COVID-19 for Individuals Entering Health Care Facilities

Eric Ward, MD; Mitchell H. Katz, MD


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## Challenges in Clinical Electrocardiography

## Unusual Presentation of a Common Diagnosis in a Patient With Chronic Kidney Disease

Gunaseelan Rajendran, MD, DNB; Sasikumar Mahalingam, MD; Ezhilkugan Ganessane, MD

[Abstract](#) | [Full Text](#)

 CME *JAMA Intern Med.* 2023;183(1):70-71. doi:10.1001/jamainternmed.2022.4716


This case report describes a patient in their 40s with chronic kidney disease who presented to the emergency department with acute-onset breathlessness for 2 hours.

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## Unexpected Cause Behind Life-threatening ECG Changes—A Diagnostic Challenge

Hao Wang, MD; Yi-Wei Fan, MD; Xiao-Ce Dai, MD, PhD

[Abstract](#) | [Full Text](#)

 CME *JAMA Intern Med.* 2023;183(1):72-73. doi:10.1001/jamainternmed.2022.4777


This case report describes a patient in their 60s who presented to the hospital with sudden loss of consciousness and foaming at the mouth.

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## Noteworthy P Waves in an Elderly Woman

Gaopin Wang, MD; Qinghua Chang, MD; Renguang Liu, MD

[Abstract](#) | [Full Text](#)

 CME *JAMA Intern Med.* 2023;183(1):74-75. doi:10.1001/jamainternmed.2022.4813

This case report describes a patient in their 70s who was referred to the emergency department for worsening shortness of breath, chest tightness, and episodes of palpitations. What is your diagnosis?

---

## Unusual Electrocardiogram Findings After Cardioversion

Ramanathan Velayutham, MD; Chinmay Parale, MD; Sridhar Balaguru

[Abstract](#) | [Full Text](#)

 CME *JAMA Intern Med.* 2023;183(1):76-77. doi:10.1001/jamainternmed.2022.5053


This case report considers electrocardiogram findings in an older patient with a history of metastatic carcinoma and tuberculosis presenting with palpitations at rest and 2 months of breathlessness.

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## Ominous T-Wave Changes in an Older Adult With Chest Pain

Zhiqiang Zhao, MD, PhD; Ziheng Jia, BS; Tong Liu, MD, PhD

[Abstract](#) | [Full Text](#)

 CME JAMA Intern Med. 2023;183(1):78-79. doi:10.1001/jamainternmed.2022.5057

This case report describes a patient in their 60s who presented to the emergency department with acute, severe precordial chest pain radiating to their left arm at night, accompanied by dyspnea, dizziness, and sweating.

## Comment & Response

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### Social Jet Lag, Weekend Warriors, and Physical Activity Patterns

Wenming Shi, PhD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2023;183(1):86-87. doi:10.1001/jamainternmed.2022.5044

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### Social Jet Lag, Weekend Warriors, and Physical Activity Patterns

Tianrui Luo, MD; Yuqiang Liu, MA, MD; Maojin Yao, PhD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2023;183(1):87. doi:10.1001/jamainternmed.2022.5047

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### Social Jet Lag, Weekend Warriors, and Physical Activity Patterns —Reply

Leandro F. M. Rezende, PhD; Yafeng Wang, PhD; Gerson Ferrari, PhD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2023;183(1):87-88. doi:10.1001/jamainternmed.2022.5050

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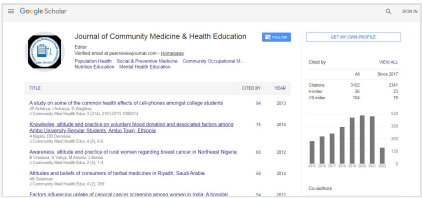
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Charles H McGowen, David Vavrinak-Davis

Research Article: J Community Med Health Educ

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Abigail J. Kim, Kyra Guy, Peninah Tumuhimbise, Kenneth Odur, Adiro Susan, Adupa Stephen, Akello Rebecca, Alum Nancy, Anyima Fredrick, Aoko Emily, Awello Monica, Ejang Winnie, Acio Barbara, Akao Winnie, Alum Recho, Angom Salume Precious, Aol Rachael, Awidi Fiona Tabitha, Ejang Brenda, Kia Judith, Lalita Rut, Heather W

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Mercy Mugure Waweru, Margaret Wandera Nyogesa and Dan. G. Ndiga

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William Berkson\*, William Bill Schillig

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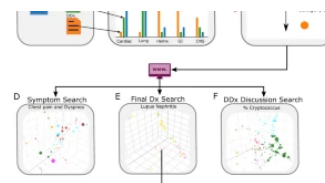
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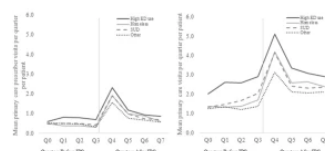


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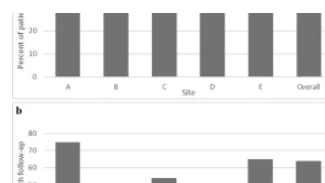


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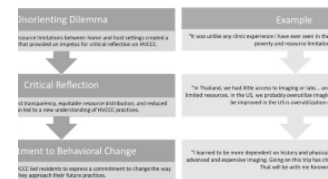
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Caroline L. Matchett, Hannah C. Nordhues ... Adam P. Sawatsky

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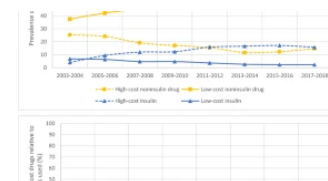
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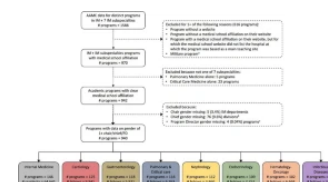
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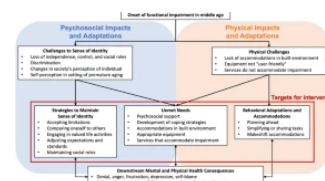


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Edison Xu, Francesca M. Nicosia ... Rebecca T. Brown

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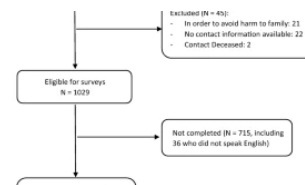


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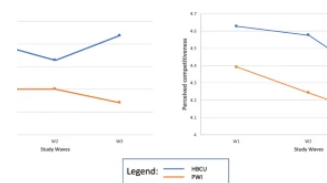


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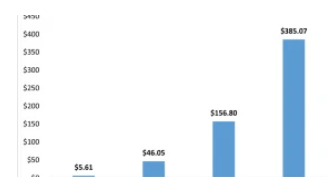
Max Jordan Nguemeni Tiako, James E. Wages III & Sylvia P. Perry

Original Research | Published: 15 July 2022

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## [Reaching Ambulatory Older Adults with Educational Tools: Comparative Efficacy and Cost of Varied Outreach Modalities in Primary Care](#)



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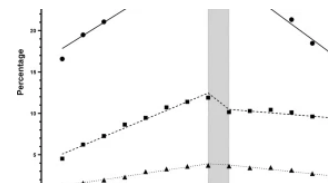
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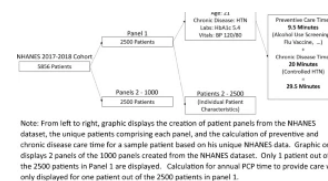


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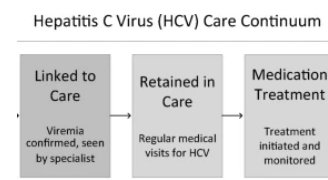


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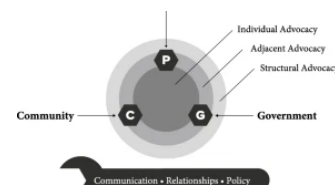


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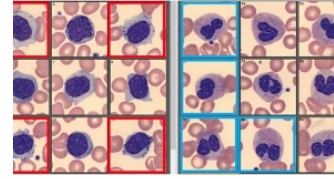
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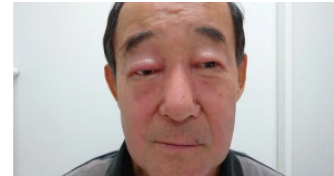
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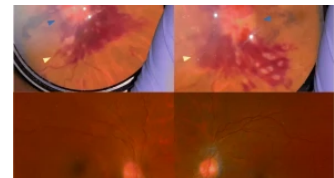
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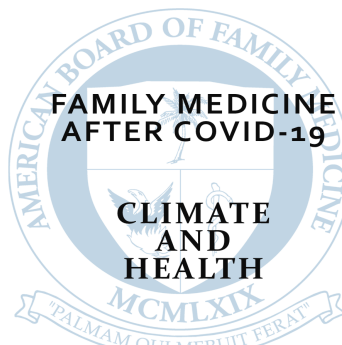
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The Journal of the American Board of Family Medicine February 2023, 36 (1) 188-189; DOI: <https://doi.org/10.3122/jabfm.2022.220178R1>

### ✔ Primary Care Provider Demographics and Engagement in Interprofessional Collaboration

Kylee A. Funk, Nitin Wahie, Nicholas Senne and Russell J. Funk

The Journal of the American Board of Family Medicine February 2023, 36 (1) 88-94; DOI: <https://doi.org/10.3122/jabfm.2022.210463R1>

### ✔ Data Challenges in Identifying Patients Due for Colorectal Cancer Screening in Rural Clinics

Amanda F. Petrik, Jennifer Coury, Jean Hiebert Larson, Brittany Badicke, Gloria D. Coronado and Melinda M. Davis

The Journal of the American Board of Family Medicine February 2023, 36 (1) 118-129; DOI: <https://doi.org/10.3122/jabfm.2022.220216R1>

### ✔ Family Physicians Can/Should Do: What? Where? And How?

Marjorie A. Bowman, Dean A. Seehusen and Christy J. W. Ledford

The Journal of the American Board of Family Medicine February 2023, 36 (1) 1-3; DOI: <https://doi.org/10.3122/jabfm.2022.220413R0>

### ✔ Patient and Patient Caregiver Perspectives on Social Screening: A Review of the Literature

Erika M. Brown, Vishalli Loomba, Emilia De Marchis, Benjamin Aceves, Melanie Molina and Laura M. Gottlieb

The Journal of the American Board of Family Medicine February 2023, 36 (1) 66-78; DOI: <https://doi.org/10.3122/jabfm.2022.220211R1>

### ✔ An Assessment of Weight Loss Management in Health System Primary Care Practices

Krithika Suresh, Emileigh Willems, Johnny Williams, R. Mark Gritz, L. Miriam Dickinson, Leigh Perreault and Jodi Summers Holtrop

The Journal of the American Board of Family Medicine February 2023, 36 (1) 51-65; DOI: <https://doi.org/10.3122/jabfm.2022.220224R1>

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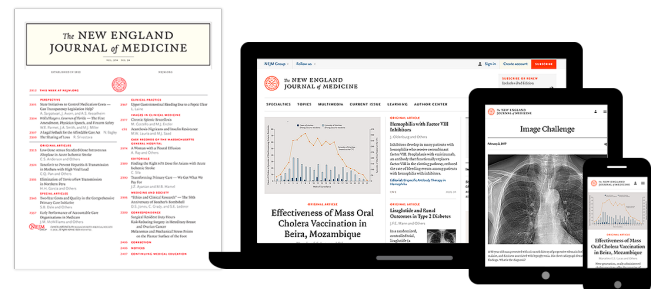
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### [\*\*Meperidine Compared With Nitrous Oxide for Intrapartum Pain Relief in Multiparous Patients: A Randomized Controlled Trial\*\*](#)

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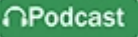
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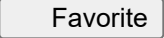
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## Using AAP Guidelines for Managing Febrile Infants Without C-Reactive Protein and Procalcitonin

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Topics: c-reactive protein, fever, procalcitonin, temperature

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## Sports Team Participation and Vaping Among High School Students: 2015–2019

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## Health Care Use and System Costs Among Pediatric Refugees in Canada

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Devika Bhushan, MD, FAAP; Nadine Burke Harris, MD, MPH, FAAP

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Topics: contraceptive agents, menstruation, poverty, young adult

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### Learning to Swim and Swimming Skills Among Parents and Their Children in Chicago 🛒

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### Defining an Infant's Race and Ethnicity: A Systematic Review 🛒

Blair W. Weikel, MPH; Susanne Klawetter, PhD, LCSW; Stephanie L. Bourque, MD, MSCS; Kathleen E. Hannan, MD, MSCS; Kristi Roybal, PhD, MSW, MA ...

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Topics: birth certificates, ethnic group, misclassification, hispanics or latinors, perinatal period

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### Chronic Exercise for Core Symptoms and Executive Functions in ADHD: A Meta-analysis 🛒

Huan Huang, BD; Zhijuan Jin, PhD; Changshuang He, BD; Shaoyu Guo, BD; Yiwen Zhang, MD ...

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Topics: adult attention deficit hyperactivity disorder, attention-deficit/hyperactivity disorder, exercise, executive functioning, inattention

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### Parental Views of Facilitators and Barriers to Research Participation: Systematic Review 🛒

Julia M. Nathe, MD; Tira T. Oskoui; Elliott Mark Weiss, MD, MSME

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Topics: altruism, medical research, parental perception, vaccines, genetic screening

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Marleen Bouhuys, MD; Willem S. Lexmond, MD, PhD; Patrick F. van Rheenen, MD, PhD

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Topics: inflammatory bowel disease, irritable bowel syndrome, juvenile inflammatory bowel disease

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### Preventing Teen Pregnancies on Teratogenic Drugs by Quality Improvement and Behavioral Economics

Veronica M. Mruk, MD; Kelly A. Wise, PharmD, BCACP; Kyla Driest, MD, MEd; Edward J. Oberle, MD, RhMSUS; Stacy P. Ardoin, MD, MS ...

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Topics: history of sexual behavior, teratogens, quality improvement, counseling, rheumatology

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### Quality Improvement Initiative to Improve Timing of Enteral Feeds in Pediatric Acute Pancreatitis

Kate Templeton, MD; Jenny Chan Yuen, MSPH; Caitlin Lenz, CPHQ; Alison R. Mann, BA; Haley S. Friedler, MPH ...

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Topics: clinical pathways, enteral nutrition, order set, pancreatitis, acute, patient readmission

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## Pericardial Effusion Causing Cardiac Tamponade in a 10-Year-Old Male 🛒

Jordan Hall, MD; Melanie Rosado, MD; Julie D. Wohrley, MD; Sindhura Bandi, MD; Paul M. Kent, MD ...

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Topics: cardiac tamponade, pericardial effusion, systemic lupus erythematosus, pericardial fluid, fever

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Stephanie Anne Deutsch, MD, MS, FAAP; Allan R. De Jong, MD, FAAP

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Topics: opioids, xylazine, opioid analgesics, naloxone, opioid, synthetic

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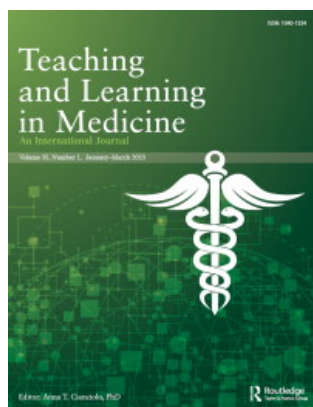
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Michael J. Eastwood, Benjamin G. J. Davies & Eliot L. Rees

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Shane Sinclair, Daranne Harris, Jane Kondejewski, Amanda L. Roze des Ordons, Priya Jaggi & Thomas F. Hack

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