

Academic Medicine

[Moving Together Toward Health Professions Equity in Academic Medicine](#)

Roberts, Laura Weiss

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Weng, Jessica; Zhu, Agnes; Chen, Christina Ying Ying

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Outreach Programs as a Source of Income for Medical School Diversity and Inclusion Offices

Prakash, Nirmala; Carlock, Hunter R.; Alleyasin, Tara; More

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The Importance of Context and Organization of Ethical Review in Health Professions Education Research

Schutte, Tim; Wouters, Anouk

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ten Cate, Olle

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Health Services Research as a Vehicle for Informed Policy Advocacy

Jella, Tarun K.; Schmidt, Jenna E.; Cwalina, Thomas B.

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Ventres, William; Sorsby, Stephen

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[“Finding My Piece in That Puzzle”: A Qualitative Study Exploring How Medical Students at Four U.S. Schools Envision Their Future Professional Identity in Relation to Health Systems](#)

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Huang, Grace C.; Truglio, Joseph; Potter, Jennifer; More

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Articles

Antibiotic Use in Acute Upper Respiratory Tract Infections

Denise K. C. Sur, Monica L. Plesa

Studies show that many upper respiratory tract infections are treated unnecessarily with antibiotics. Antibiotics should not be used for the common cold, influenza, COVID-19, or laryngitis. Evidence supports antibiotic use in most cases of acute otitis media, group A beta...

 Drug Therapy | Upper Respiratory Infections

Medication Safety in Breastfeeding

Jeanne P. Spencer, Stephanie Thomas, Ruth H. Trondsen Pawlowski

This article provides information on the management of medications for common conditions during breastfeeding.

 Breastfeeding

Anxiety Disorders in Children and Adolescents

Alicia Kowalchuk, Sandra J. Gonzalez, Roger J. Zoorob

Anxiety disorders are the most common psychiatric conditions in children and adolescents. There are several validated screening measures for symptom assessment and monitoring. Cognitive behavior therapy and selective serotonin reuptake inhibitors are first-line treatments and...

 Anxiety Disorders



Radiography is usually sufficient for diagnosis, but magnetic resonance imaging should be obtained if suspicion of fracture persists despite normal radiography.

 Hip Disorders | Fractures | Osteoporosis

Care of People Experiencing Homelessness

Jason S. Lanham, Paige White, Brody Gaffney

Homelessness increases morbidity associated with cardiovascular, respiratory, and infectious diseases and all-cause mortality. A multidisciplinary approach to the care of people experiencing homelessness that includes pharmacists, case managers, and social workers improves...

 Care of Special Populations

Galactorrhea: Rapid Evidence Review

Richard D. Bruehlman, Stella Winters, Connor McKittrick

Galactorrhea, the production of breast milk unrelated to physiologic lactation, has a variety of causes. This rapid evidence review provides diagnostic guidance and treatment recommendations based on the underlying cause.

 Breast Disorders

Editorials

Perinatal Care of Transgender Patients, Adolescent Patients, and Patients With Opioid Use Disorder

MaryAnn Dakkak, Evelyne Chiakpo, Kimberly Tauches

This editorial highlights the additional risks to and health care recommendations for transgender adolescent pregnant patients and pregnant patients with opioid use disorder.



Abnormalities

Asha N. Talati, Emily E. Hardisty, Neeta L. Vora

The American College of Obstetricians and Gynecologists, Society for Maternal-Fetal Medicine, and American College of Medical Genetics and Genomics recommend that all pregnant patients be offered screening or diagnostic testing for aneuploidy with appropriate pre- and...

 Prenatal Care

AFP Clinical Answers

Panic Disorder, Acne Vulgaris, UTI in Children, Travelers Diarrhea, Exercise During Pregnancy, Insect Stings

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

Medicine by the Numbers

Music Therapy for Autistic People

Breanna L. Gawrys, Diana T. Trang

We have assigned a color recommendation of yellow (unclear benefits) for the effects of music therapy on global improvement, total autism severity, and quality of life in autistic people.

 Care of Special Populations

Cochrane for Clinicians



line pharmacologic agents. Mirtazapine and amitriptyline also improve PTSD symptoms. SSRI use is associated with an increased risk of treatment withdrawal because of adverse...

 Psychologic

Antiplatelet Therapy in Chronic Kidney Disease

Madhavi Singh, Kristen Grine

Antiplatelet therapy reduces the risk of myocardial infarction by 0.8% compared with placebo in patients with chronic kidney disease but is associated with an increased risk of major bleeding.

 Kidney Disorders, Chronic

FPIN's Clinical Inquiries

Deprescribing Chronic Use of Proton Pump Inhibitors

Yuriy Golub, Matthew Duenas, Jon O. Neher

Several deprescribing methods may provide limited success. Some patients may have a return of symptoms with abrupt discontinuation. Changing the proton pump inhibitor prescription to as-needed dosing results in fewer pills being used (by about four pills per week), but with...

 Drug Adverse Effects | ENT, Throat

U.S. Preventive Services Task Force

Screening for Primary Open-Angle Glaucoma

For adults 40 years or older who do not have any symptoms of glaucoma, the USPSTF found that the evidence is insufficient to assess the balance of benefits and harms of screening for primary open-angle glaucoma in adults.



Overdiagnosis of Nonalcoholic Fatty Liver Disease

Andy Lazris, Alan R. Roth, Helen Haskell, John James

A collaboration between AFP and the Lown Institute promotes a vision of delivering health care that is based on the evidence, balanced in its approach, and focused on the patient.

 Liver Disorders

Photo Quiz

Recurrent Groin Abscess

James Daucher, Emily Jensen

A woman with a history of midurethral sling procedure presented with a recurrent groin abscess.

 Foreign Bodies

Foot Wound Progressing From Small Scrape to Ulcer

Raghuveer Vedala, Krishna Vedala, Jillian Harsha

A 13-year-old girl with history of acne, seasonal allergies, and asthma presented with a cut on her foot that worsened into an ulcer.

 Dermatitis

Diary of a Family Physician

Diary of a Family Physician

James D. Knox, Hugh Silk



Clinical Diagnosis of Testicular Torsion

Mark H. Ebell

How accurate are history and physical examination in diagnosing testicular torsion?

Urologic Disorders, Testicular

Curbside Consultation

The Physician's Role in Transitioning Older Adults Into Long-term Care Facilities

Brian K. Unwin, Nicole Bailey Bedsaul, Sarah Stubbs

Selection of a long-term care facility is influenced by many factors, including social and cultural norms, timing of placement (e.g., from hospital vs. from home), language, and family dynamics. Selection is most heavily influenced by location, with the usual goal of being...

End of Life Care

POEMs

Medication Abortion a Reasonable Option for Pregnancy of Unknown Location

Linda Speer

Gynecologic

Supplemental Vitamin D Does Not Reduce the Risk of Fracture in Older Adults

Mark H. Ebell



Henry C. Barry

 Knee Disorders

Long-term Risks Are Similar for CTA and Invasive Coronary Angiography as Initial Diagnostic Strategy for Stable Chest Pain

Nita Shrikant Kulkarni

 Coronary Heart Disease

Practice Guidelines

Blood Pressure Targets in Adults With Hypertension: Guidelines From the AAFP

Michael J. Arnold

The American Academy of Family Physicians updated a recent systematic review with a literature review of subsequent studies to recommend blood pressure targets for primary care management of hypertension.

 Hypertension | Blood Pressure

Blood Pressure Targets in Adults With Hypertension: A Clinical Practice Guideline From the AAFP

Sarah Coles, Lynn Fisher, Kenneth W. Lin, Corey Lyon, Alexis A. Vosooney, Melanie D. Bird

The American Academy of Family Physicians updated a recent systematic review with a literature review of subsequent studies to recommend blood pressure targets for primary care management of hypertension.

 Hypertension | Blood Pressure



Jennifer L. Creamer, Subodh K. Arora, Matthew R. Rusling

To support physicians in making treatment plans to address adherence for patients with sleep apnea, the American Academy of Sleep Medicine has updated its clinical practice guidelines on surgical referral for patients with obstructive sleep apnea.

 Sleep Disorders

Letters to the Editor

Disappointing Beef Advertisement in American Family Physician

Anne B. Halsey

Reply: Sumi Sexton

Simplification in Hepatitis C Treatment

Mia J. Biondi, Cheryl Dale

Reply: David D. Maness, Elly Riley, Grant Studebaker

Case Report: Salter-Harris Fracture in an Infant

Suyog Kamatkar, Stephanie Williams

Information from Your Family Doctor



Hip Fractures: What You Need to Know

Fracture is another word for broken bone. A hip fracture is a break at the top of your upper leg bone. Hip fractures can occur at any age, but most occur from a fall in older adults. Hip fractures are more common in women. People with weak bones from osteoporosis (AH-stee-oh...

Galactorrhea (Milk Discharge)

Galactorrhea (guh-LACK-toe-REE-uh) is a milky discharge from the breast that isn't from breastfeeding or that happens at least one year after stopping breastfeeding. It usually happens in both breasts, but it can also happen in only one. Both women and men can have galactorrhea.

CME Course Information

Evidence Based Medicine Glossary

Strength of Recommendation Taxonomy

Classified Information

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Giants in Obstetrics and Gynecology

☐ [Giants in Obstetrics and Gynecology Series: a profile of Zoltán Papp, MD, PhD, DSc, FACOG \(Hon\)](#)

Roberto Romero

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☐ [Syphilis in pregnancy: an ongoing public health threat](#)

Catherine S. Eppes, Irene Stafford, Martha Rac

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Systematic Reviews

☐ [Endocervical sampling in women with suspected cervical neoplasia: a systematic review and meta-analysis of diagnostic test accuracy studies](#)

Mathias Damkjær, Jacob Brink Laursen, Lone Kjeld Petersen, ... Britta Blume Dolleris, Henrik Sehested Laursen, Jeppe Bennekou Schroll

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Clinical Opinion

☐ [Monkeypox in pregnancy: virology, clinical presentation, and obstetric management](#)

Pradip Dashraath, Karin Nielsen-Saines, Anne Rimoin, Citra N.Z. Mattar, Alice Panchaud, David Baud

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☐ [Cell-free DNA screening positive for monosomy X: clinical evaluation and management of suspected maternal or fetal Turner syndrome](#)

Tazim Dowlut-McElroy, Shanlee Davis, Susan Howell, ... Deborah Hennerich, Lorraine Dugoff, Roopa Kanakatti Shankar

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Original Research

Gynecology

☐ [Levonorgestrel 52 mg intrauterine system efficacy and safety through 8 years of use](#)

Mitchell D. Creinin, Courtney A. Schreiber, David K. Turok, Carrie Cwiak, Beatrice A. Chen, Andrea I. Olariu

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☐ [Contraceptive efficacy and safety of the 52-mg levonorgestrel intrauterine system for up to 8 years: findings from the Mirena Extension Trial](#)

Jeffrey T. Jensen, Eeva Lukkari-Lax, Andrea Schulze, Yesmean Wahdan, Marco Serrani, Robin Kroll

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☐ [Natural history of lower urinary tract symptoms in treatment-seeking women with pelvic organ prolapse; the Symptoms of Lower Urinary Tract Dysfunction Research Network \(LURN\)](#)

Joseph T. Kowalski, Jonathan B. Wiseman, Abigail R. Smith, ... Margaret Mueller, Nazema Siddiqui, Catherine S. Bradley

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☐ [The impact of insurance mandates on donor oocyte utilization: an analysis of 39,338 donor oocyte cycles from the Society for Assisted Reproductive Technology registry](#)

Jenny S. George, Malinda S. Lee, Rachel K. Ashby, ... Elizabeth S. Ginsburg, Andrea Lanes, Serene S. Srouji

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☐ **Phase 3 study evaluating the safety and efficacy of oteseconazole in the treatment of recurrent vulvovaginal candidiasis and acute vulvovaginal candidiasis infections**

Mark G. Martens, Bassem Maximos, Thorsten Degenhardt, ... Mahmoud Ghannoum, Amy Flynt, Stephen R. Brand

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☐ **Age-specific random day serum antimüllerian hormone reference values for women of reproductive age in the general population: a large Chinese nationwide population-based survey**

Yongxiu Hao, Rui Yang, Jia Li, ... Rong Li, Ping Liu, Jie Qiao

Published online: August 03, 2022

p883.e1-883.e18



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☐ **Early natural menopause is associated with poor lung health and increased mortality among female smokers**

Ting Zhai, Brenda Diergaarde, David O. Wilson, ... Jill M. Siegfried, Linda S. Cook, Shuguang Leng

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Obstetrics

☐ **A comprehensive analysis of the association between placental pathology and recurrent preterm birth**

Sunitha C. Suresh, Alexa A. Freedman, Emmet Hirsch, Linda M. Ernst

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☐ **Tranexamic acid for the prevention of blood loss after cesarean among women with twins: a secondary analysis of the TRANexamic Acid for Preventing Postpartum Hemorrhage Following a Cesarean Delivery randomized clinical trial**

Loïc Sentilhes, Hugo Madar, Maëla Le Lous, ... Antoine Benard, Catherine Deneux-Tharaux On behalf of the Groupe de Recherche en Obstétrique et Gynécologie

Published online: June 17, 2022

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☐ **Group vs traditional prenatal care for improving racial equity in preterm birth and low birthweight: the Centering and Racial Disparities randomized clinical trial study**

Amy H. Crockett, Liwei Chen, Emily C. Heberlein, ... Lauren Keenan-Devlin, Britney Smart, Moonseong Heo

Published online: September 13, 2022

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☐ **The role of intraamniotic inflammation in threatened midtrimester miscarriage**

Kyung Joon Oh, Roberto Romero, Hyeon Ji Kim, ... Francesca Gotsch, Manaphat Suksai, Bo Hyun Yoon

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☐ **The prenatal detection of distal tracheoesophageal fistulas in fetuses diagnosed with esophageal atresia**



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☐ [Relationship between unremoved cervical polyp in pregnancy and spontaneous preterm birth](#)

Tetsu Wakimoto, Shusaku Hayashi, Iiji Koh, Ryo Yamamoto, Keisuke Ishii

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☐ [Change of the residual myometrial thickness during pregnancy in women who underwent laparoscopic niche resection compared with controls without niche surgery: a prospective comparative cohort study](#)

Inge P.M. Jordans, Jolijn Vissers, Robert A. de Leeuw, ... Jos W.R. Twisk, Christianne J.M. de Groot, Judith A.F. Huirne

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☐ [Low-dose antenatal betamethasone treatment achieves preterm lung maturation equivalent to that of the World Health Organization dexamethasone regimen but with reduced endocrine disruption in a sheep model of pregnancy](#)

Haruo Usuda, Erin L. Fee, Sean Carter, ... Masatoshi Saito, Alan H. Jobe, Matthew W. Kemp

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Select articles cover the impacts of anti-immigrant legislation and policies like the Public Charge rule on maternal and child health as well as the impacts of legislation during the COVID-19 pandemic on offsetting the exclusion of undocumented immigrants from federal relief efforts.

Other papers in this issue address topics such as suicide, gun violence prevention, inequities in air pollution monitoring, COVID-19, and more.

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[Stephen Trinidad](#), [Cole Brokamp](#), [Andres Mor Huertas](#), [Andrew F. Beck](#), [Carley L. Riley](#), [Erika Rasnick](#), [Richard Falcone](#), and [Meera Kotagal](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 1804-1811

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There is considerable interest among researchers, clinicians, and policy makers in understanding the impact of place on health. In this scoping review and qualitative analysis, we sought to assess area-level socioeconomic deprivation indices used in ...

RESEARCH ARTICLE | TELEHEALTH

The Health Plan Environment In California Contributed To Differential Use Of Telehealth During The COVID-19 Pandemic

[Christopher M. Whaley](#), [Yuki Ito](#), [Jonathan T. Kolstad](#), [David W. Cowling](#), and [Benjamin Handel](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | 1812-1820

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The COVID-19 pandemic has led to substantial increases in the use of telehealth and virtual care in the US. Differential patient and provider access to technology and resources has raised concerns that existing health disparities may be extenuated by ...

ANALYSIS | CONSIDERING HEALTH SPENDING

Germany's Use Of Reference Pricing For Biologics: Lessons For The US

[James C. Robinson](#)

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A redesign of consumer cost sharing in the United States is important to accelerate the adoption of biosimilars and price reductions for biologics. This article analyzes therapeutic reference pricing for anti-inflammatory biosimilars in Germany and its ...

NARRATIVE MATTERS | AGE-FRIENDLY HEALTH

Understanding Pandemic Experiences Among America's Elders

[Louise Aronson](#) and [Ashwin Kotwal](#)

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Older Americans' experiences of the COVID-19 pandemic, including social isolation and loneliness, generosity, and resilience, must be studied and addressed.

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[Rabih Torbay](#) and [Nagesh N. Borse](#)

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The impact of health care strikes on patient mortality: A systematic review and meta-analysis of observational studies

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Longitudinal associations between time-varying insomnia symptoms and all-cause health care services utilization among middle-aged and older adults in the United States

Asos Mahmood MD, PhD, MPH, Satish Kedia PhD, MPH, Aram Dobalian PhD, JD, MPH, Cyril F. Chang PhD, SangNam Ahn PhD, MPSA

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Savannah Bergquist PhD, Mathijs de Vaan PhD

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Effects of Medicaid coverage on receipt of tobacco dependence treatment among Medicaid beneficiaries with substance use disorder

Sadiq Y. Patel PhD, MS, MSW, Geoffrey F. Wayne MA, Ana M. Progovac PhD, Michael Flores MPH, PhD, Margo Moyer BA, Brian Mullin BS, Douglas Levy PhD, Brendan Saloner PhD, Benjamin Lê Cook PhD, MPH

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Karen M. Clements ScD, Parag S. Kunte MPH, Melissa A. Clark PhD, Deborah Gurewich PhD, Bonnie C. Greenwood PharmD, BCPS, Laura Sefton MPP, Carter Pratt MPH, Sharina D. Person PhD, Miryea A. Wessolossky MD

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Sarah Verbiest DrPH, MSW, MPH, Erin McClain MA, MPH, Natalie Hernandez PhD, MPH

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Trusted contraception information sources for individuals with opioid use disorder

Lauren Sobel DO, MPH, Yeon Woo Lee MD, Katharine White MD, MPH, Elisabeth Woodhams MD, MSc, Elizabeth Patton MD, MPhil, MSc

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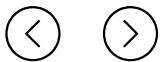
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Original Investigation

Effect of Timing by Endometrial Receptivity Testing vs Standard Timing of Frozen Embryo Transfer on Live Birth in Patients Undergoing In Vitro Fertilization: A Randomized Clinical Trial

Nicole Doyle, MD, PhD; Samad Jahandideh, PhD; Micah J. Hill, DO; et al.

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JAMA. 2022;328(21):2117-2125. doi:10.1001/jama.2022.20438

This randomized clinical trial compares the efficacy of frozen embryo transfer (FET) timed according to endometrial receptivity testing vs standardized frozen embryo transfer in improving live birth rate.

Association of Medicare Advantage vs Traditional Medicare With 30-Day Mortality Among Patients With Acute Myocardial Infarction

Bruce E. Landon, MD, MBA; Timothy S. Anderson, MD, MA; Vilsa E. Curto, PhD; et al.

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JAMA. 2022;328(21):2126-2135. doi:10.1001/jama.2022.20982

This retrospective cohort study compares 30-day mortality rates between patients with acute myocardial infarction who are insured by Medicare Advantage vs traditional Medicare.

Editorial

How Much of an "Advantage" Is Medicare Advantage?

David J. Meyers, PhD, MPH; Andrew M. Ryan, PhD; Amal N. Trivedi, MD, MPH

Association Between Individual Primary Care Physician Merit-based Incentive Payment System Score and Measures of Process and Patient Outcomes

Amelia M. Bond, PhD; William L. Schpero, PhD; Lawrence P. Casalino, MD, PhD; et al.

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JAMA. 2022;328(21):2136-2146. doi:10.1001/jama.2022.20619

This cross-sectional study of US primary care physicians participating in the Medicare Merit-based Incentive Payment System (MIPS) program in 2019 examines whether primary care physicians' MIPS scores are associated with performance on process and outcome measures.

Editorial

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Research Letter

US Trends in Drug Overdose Mortality Among Pregnant and Postpartum Persons, 2017-2020

Emilie Bruzelius, MPH; Silvia S. Martins, MD, PHD

Abstract | **Full Text**

JAMA. 2022;328(21):2159-2161. doi:10.1001/jama.2022.17045

This study evaluates changes in overall and drug-specific overdose mortality among pregnant and postpartum persons before and during the COVID-19 pandemic.

Premiums and Out-of-Pocket Spending for Long-acting Insulins Under the Medicare Part D Senior Savings Model

Khrysta Baig, MSPH; Stacie B. Dusetzina, PhD

Abstract | **Full Text**

JAMA. 2022;328(21):2161-2162. doi:10.1001/jama.2022.17232

This study uses data from January/Q1 2022 Medicare Prescription Drug Plan Formulary files to compare premiums and total spending for users of long-acting insulin who selected prescription drug plans in 2022 and to estimate potential savings for beneficiaries who selected Senior Savings model-participating plans.

Viewpoint

Medicaid's Moment for Protecting and Promoting Women's Health

Mohammad Hussain Dar, MD; Charissa Fotinos, MD, MS; Christopher R. Cogle, MD

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

JAMA. 2022;328(21):2105-2106. doi:10.1001/jama.2022.21048

This Viewpoint examines pathways that advocates, policy makers, states, and Medicaid agencies can take to identify opportunities for state Medicaid agencies to protect and promote perinatal health.

Editorial

Health Care Access and Reproductive Rights

Linda Brubaker, MD, MS; Kirsten Bibbins-Domingo, MD, PhD, MAS

Medicare 2.0—A Vision for the Future of America's Health Insurance Plan

Micah Johnson, MD; Donald M. Berwick, MD, MPP

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JAMA. 2022;328(21):2107-2108. doi:10.1001/jama.2022.22092

This Viewpoint offers recommendations to unify various Medicare reform proposals to optimize the health insurance plan.

Editorial

How Much of an "Advantage" Is Medicare Advantage?

David J. Meyers, PhD, MPH; Andrew M. Ryan, PhD; Amal N. Trivedi, MD, MPH

An Innovation Surcharge to Fund the Repurposing of Generic Drugs

James C. Robinson, PhD

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

JAMA. 2022;328(21):2109-2110. doi:10.1001/jama.2022.21250

This Viewpoint discusses the market for generic drugs and an innovation surcharge that would be awarded to public entities, such as the National Institutes of Health, and its newly formed Advanced Research Projects Agency for Health, to fund research for the repurposing of generic drugs.

A Piece of My Mind

The Club

Karen K. Heitzman, MD

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JAMA. 2022;328(21):2111. doi:10.1001/jama.2022.21302

In this narrative medicine essay, an internal medicine physician traveling a lonely road of grief over the loss of her son finds a bond among the many patients who also lost a child.

Editorial

How Much of an “Advantage” Is Medicare Advantage?

David J. Meyers, PhD, MPH; Andrew M. Ryan, PhD; Amal N. Trivedi, MD, MPH

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JAMA. 2022;328(21):2112-2113. doi:10.1001/jama.2022.21892

Pay for Performance: When Slogans Overtake Science in Health Policy

J. Michael McWilliams, MD, PhD

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JAMA. 2022;328(21):2114-2116. doi:10.1001/jama.2022.20945

Review

Progress and Challenges in Bacterial Meningitis: A Review

Rodrigo Hasbun, MD, MPH

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

 CME  *JAMA*. 2022;328(21):2147-2154. doi:10.1001/jama.2022.20521

This review summarizes current evidence on the epidemiology, diagnosis, and treatment of bacterial meningitis.



JAMA Guide to Statistics and Methods

Adjustment for Baseline Characteristics in Randomized Clinical Trials

Mathias J. Holmberg, MD, MPH, PhD; Lars W. Andersen, MD, MPH, PhD, DMSc

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



JAMA. 2022;328(21):2155-2156. doi:10.1001/jama.2022.21506

This Guide to Statistics and Methods provides an overview of the use of adjustment for baseline characteristics in the analysis of randomized clinical trials and emphasizes several important considerations.

JAMA Diagnostic Test Interpretation

Peritoneal Fluid Analysis in Peritoneal Dialysis–Associated Peritonitis

Jeffrey Perl, MD, SM; Ziv Harel, MD, MSc; Sharon J. Nessim, MD, MSc

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



JAMA. 2022;328(21):2157-2158. doi:10.1001/jama.2022.21289

A 62-year-old woman undergoing peritoneal dialysis (PD) presented to the clinic with severe abdominal pain and cloudy PD fluid. Seven days prior, she inadvertently broke aseptic technique when tightening a leaking connection of her PD catheter tubing. Cloudy fluid that was drained from her PD catheter was sent for laboratory analysis. What would you do next?

Medical News & Perspectives

Highlights From Infectious Disease Week 2022—COVID-19, HIV, Monkeypox, and Polio

Melissa Suran, PhD, MSJ

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 JAMA. 2022;328(21):2089-2091. doi:10.1001/jama.2022.17754

This Medical News article explores timely topics discussed at the annual IDWeek conference.



Audio: Highlights From Infectious Disease Week 2022



Audio: November 2022 Medical News Summary

How Immune-Evasive Omicron Offspring and a Lack of Mitigation Measures Could Shape a COVID-19 Winter Wave

Rita Rubin, MA

Abstract | **Full Text**

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JAMA. 2022;328(21):2092-2095. doi:10.1001/jama.2022.17758

This Medical News feature examines what the COVID-19 pandemic might look like this winter.



Audio: November 2022 Medical News Summary

"This Is Our COVID"—What Physicians Need to Know About the Pediatric RSV Surge

Jennifer Abbasi

Abstract | **Full Text**



JAMA. 2022;328(21):2096-2098. doi:10.1001/jama.2022.21638

This Medical News article discusses an out-of-season increase in respiratory syncytial virus, influenza, and other respiratory infections that is severely straining the pediatric health care system.



Audio: November 2022 Medical News Summary

News From the JAMA Network

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Short Life Expectancy No Deterrent to Cancer Screening for Some Physicians

Anita Slomski

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Long-term Intensive Blood Pressure Control Hard to Maintain

Anita Slomski

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JAMA. 2022;328(21):2099-2100. doi:10.1001/jama.2022.20026

Invited Commentary

Blood Pressure Control After SPRINT—Back to Reality

Daniel W. Jones, MD; Donald Clark III, MD; Michael E. Hall, MD



Audio Author Interview: Longer-Term All-Cause and Cardiovascular Mortality With Intensive Blood Pressure Control

Group Recommends Clinical Instruments to Measure Atopic Eczema Burden

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JAMA. 2022;328(21):2100. doi:10.1001/jama.2022.20027

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FREE *JAMA.* 2022;328(21):2101. doi:10.1001/jama.2022.20028

Cooling Device to Prevent Chemotherapy Oral Mucositis Gains Authorization

Howard D. Larkin

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JAMA. 2022;328(21):2101. doi:10.1001/jama.2022.20030

Final Results for Study of Transvaginal Mesh for Pelvic Organ Prolapse

Howard D. Larkin

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JAMA. 2022;328(21):2101-2102. doi:10.1001/jama.2022.22134

Poetry and Medicine

Wisecrack

Jenna Le, MD

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JAMA. 2022;328(21):2166. doi:10.1001/jama.2022.21119

JAMA Revisited

Foreign Letters: London

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JAMA. 2022;328(21):2167. doi:10.1001/jama.2021.17235

Bacterial Meningitis

Revital Marcus, MD; Kristin Walter, MD, MS

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

  JAMA. 2022;328(21):2170. doi:10.1001/jama.2022.21603

This JAMA Patient Page explains the symptoms, spread, diagnosis, treatment, and prevention of bacterial meningitis, an infection that causes inflammation of the tissues surrounding the brain and spinal cord.



Audio: Diagnosis and Treatment of Bacterial Meningitis

Comment & Response

SARS-CoV-2 Reduction in Shared Indoor Air

Devabhaktuni Srikrishna, MS; Abraar Karan, MD, MPH; Ranu S. Dhillon, MD

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

JAMA. 2022;328(21):2162-2163. doi:10.1001/jama.2022.18028

SARS-CoV-2 Reduction in Shared Indoor Air

P. Jacob Bueno de Mesquita, PhD; Rosemary Sokas, MD, MOH

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

JAMA. 2022;328(21):2163. doi:10.1001/jama.2022.18025

SARS-CoV-2 Reduction in Shared Indoor Air—Reply

Deborah Dowell, MD, MPH; William G. Lindsley, PhD; John T. Brooks, MD

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

JAMA. 2022;328(21):2163-2164. doi:10.1001/jama.2022.18031

Association Between COVID-19 Booster Vaccination and Omicron Infection in a Cohort of Players and Staff in the

National Basketball Association

Arun Manmadhan, MD; Tania Ahuja, PharmD

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

JAMA. 2022;328(21):2164-2165. doi:10.1001/jama.2022.18034

Association Between COVID-19 Booster Vaccination and Omicron Infection in a Cohort of Players and Staff in the National Basketball Association—Reply

Christina D. Mack, PhD, MSPH; Deverick J. Anderson, MD; John DiFiori, MD

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

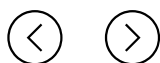
JAMA. 2022;328(21):2165. doi:10.1001/jama.2022.18036

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December 13; 328 (22): 2183-2280



December 13, 2022, Vol 328, No. 22, Pages 2183-2280

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JAMA. 2022;328(22):e2117244. doi:10.1001/jama.2021.17244



Audio: Mindfulness Training and Exercise for Cognitive Function in Older Adults, Lifestyle Interventions in Adults With Obesity, Guidelines for Reporting Outcomes in Trial Reports, and more

Original Investigation

Effects of Mindfulness Training and Exercise on Cognitive Function in Older Adults: A Randomized Clinical Trial

Eric J. Lenze, MD; Michelle Voegtler; J. Philip Miller, AB; et al.

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

JAMA. 2022;328(22):2218-2229. doi:10.1001/jama.2022.21680

This randomized clinical trial examines whether mindfulness-based stress reduction, exercise, or a combination of both interventions improves cognitive function in older adults with subjective cognitive concerns.

Effect of a Remotely Delivered Self-directed Behavioral Intervention on Body Weight and Physical Health Status Among Adults With Obesity: The D-ELITE Randomized Clinical Trial

Katherine D. Hoerster, PhD, MPH; Rachel Hunter-Merrill, MA; Tanya Nguyen, BA; et al.

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

JAMA. 2022;328(22):2230-2241. doi:10.1001/jama.2022.21177

This clinical trial evaluates the effect of a remotely delivered and self-directed intervention for weight management vs usual care among adults in Veterans Health Administration clinics.

Editorial

The Challenge of Defining the Optimal Lifestyle Weight Loss Intervention for Real-world Settings

Rena R. Wing, PhD

Effect of Diet and Exercise on Knee Pain in Patients With Osteoarthritis and Overweight or Obesity: A Randomized Clinical Trial

Stephen P. Messier, PhD; Daniel P. Beavers, PhD; Kate Queen, MD; et al.

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

JAMA. 2022;328(22):2242-2251. doi:10.1001/jama.2022.21893

This randomized clinical trial assesses the effect of a diet and exercise intervention vs an attention control condition on knee pain at 18-month follow-up among individuals aged 50 years or older with knee osteoarthritis and overweight or obesity.

Editorial

The Challenge of Defining the Optimal Lifestyle Weight Loss Intervention for Real-world Settings

Rena R. Wing, PhD

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Research Letter

Cervical Cancer Incidence Among US Women, 2001-2019

Zahed Shahmoradi, PhD; Haluk Damgacioglu, PhD; Megan A. Clarke, PhD, MHS; et al.

Abstract | **Full Text**

JAMA. 2022;328(22):2267-2269. doi:10.1001/jama.2022.17806

This study uses national cancer incidence data to evaluate calendar trends in cervical cancer incidence by age at diagnosis.

Association Between Sublingual Buprenorphine-Naloxone Exposure and Dental Disease

Mahyar Etminan, PharmD, MSc; Ramin Rezaeianzadeh, BSc; Abbas Kezouh, PhD; et al.

Abstract | **Full Text**

JAMA. 2022;328(22):2269-2271. doi:10.1001/jama.2022.17485

This study examines the association of sublingual buprenorphine/naloxone and dental adverse events using the IQVIA health claims database.

Special Communication

Guidelines for Reporting Outcomes in Trial Reports: The CONSORT-Outcomes 2022 Extension

Nancy J. Butcher, PhD; Andrea Monsour, MPH; Emma J. Mew, MPH, MPhil; et al.

Abstract | **Full Text**

FREE  CME *JAMA*. 2022;328(22):2252-2264. doi:10.1001/jama.2022.21022

This report, the Consolidated Standards of Reporting Trials (CONSORT)–Outcomes 2022 extension, is a consensus statement on the standards for reporting outcomes in clinical trial reports and contains recommendations to be integrated with the CONSORT 2010 statement.

Viewpoint

Ending the HIV Epidemic: We Have the Tools, Do We Have the Will?

Marwan Haddad, MD, MPH; Anna K. Person, MD; Hansel E. Tookes, MD, MPH

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

 JAMA. 2022;328(22):2207-2208. doi:10.1001/jama.2022.22569

This Viewpoint identifies several barriers to ending the HIV epidemic and urges increasing expertise in HIV medicine in underserved areas like the South challenging legislation designed to keep students ignorant.



Audio: Advances in Treatment and Prevention of HIV

Are Patient Satisfaction Instruments Harming Both Patients and Physicians?

Barak D. Richman, JD, PhD; Kevin A. Schulman, MD

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

JAMA. 2022;328(22):2209-2210. doi:10.1001/jama.2022.21677

In this Viewpoint, Richman and Schulman argue that patient satisfaction surveys may not actually reflect clinical performance or assist efforts to improve patient experience and are not useful tools to measure physician performance.

Editorial

Pay for Performance: When Slogans Overtake Science in Health Policy

J. Michael McWilliams, MD, PhD

A Piece of My Mind

Craniotomy, a Love Story

Christine Benvenuto, BA

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

JAMA. 2022;328(22):2211-2212. doi:10.1001/jama.2022.21519

In this narrative medicine essay, a mother describes the process of diagnosis, craniotomy, and recovery her child experienced as a tribute to her child's courage.

Editorial

The Challenge of Defining the Optimal Lifestyle Weight Loss Intervention for Real-world Settings

Rena R. Wing, PhD

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

JAMA. 2022;328(22):2213-2214. doi:10.1001/jama.2022.21908

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. 2022;328(22):2215-2216. doi:10.1001/jama.2022.20637



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



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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;

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Editor's Note

Climate Justice and Health

Kirsten Bibbins-Domingo, PhD, MD, MAS



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

The Climate Crisis Affects Us All

Misha Rosenbach, MD; John S. Barbieri, MD, MBA



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JAMA Clinical Challenge

A 6-Year-Old Boy With Cough, Mucositis, and Vesiculobullous Skin Lesions

Jing Tian, MM; Teng Zhu, PhD; Yuanyuan Xiao, MD

Abstract | Full Text



CME JAMA. 2022;328(22):2265-2266. doi:10.1001/jama.2022.19628

A 6-year-old boy taking no regular medications had persistent fever and cough for 15 days. Physical examination revealed eyelid swelling; vesiculobullous lesions on the palms and soles; vesicles and

erosions on the face, trunk, and limbs; erosions on the lips and oral mucosa; and blisters on the anal mucosa. Laboratory testing revealed leukocytosis, and lung auscultation revealed bilateral crackles. What is the diagnosis and what would you do next?

Editor's Note

Climate Justice and Health

Kirsten Bibbins-Domingo, PhD, MD, MAS

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

  JAMA. 2022;328(22):2217. doi:10.1001/jama.2022.21104



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

Medical News & Perspectives

Highlights From the American Heart Association's Scientific Sessions 2022—COVID-19's Ripple Effects, a Triglyceride Disappointment, Gene Editing Advances, and More

Jennifer Abbasi

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

 JAMA. 2022;328(22):2195-2197. doi:10.1001/jama.2022.17757

This Medical News article is an interview with conference chair Manesh Patel, MD, chief of cardiology at the Duke University School of Medicine.



JAMA Medical News Audio: Highlights From the American Heart Association's Scientific Sessions 2022



Audio: November 2022 Medical News Summary

Climate Change and Health

Conflict and Climate Collide to Create an Acute Hunger Crisis for an Unprecedented 345 Million People

Howard Larkin

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

 JAMA. 2022;328(22):2198-2200. doi:10.1001/jama.2022.19235

This Medical News article discusses increasing global food insecurity linked to political conflict and climate change.



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



Audio: November 2022 Medical News Summary

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

News From the Centers for Disease Control and Prevention

Early Treatment Recommended for Patients With HIV and Monkeypox

Bridget M. Kuehn, MSJ

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

 JAMA. 2022;328(22):2203. doi:10.1001/jama.2022.20035

Inequity in Paxlovid Prescribing

Bridget M. Kuehn, MSJ

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



JAMA. 2022;328(22):2203-2204. doi:10.1001/jama.2022.20036

Biotech Innovations

"Off-the-Shelf" CAR T-Cell Therapy Tested in Pediatric B-Cell Leukemia

Howard Larkin

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

JAMA. 2022;328(22):2201. doi:10.1001/jama.2022.20033

Investigational RSV Vaccine Given During Pregnancy Protects Newborns

Howard Larkin

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

JAMA. 2022;328(22):2201. doi:10.1001/jama.2022.20032

Researchers Use Plasmid Gene Editing to Personalize Solid Tumor T-Cell Therapy

Howard Larkin

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JAMA. 2022;328(22):2201-2202. doi:10.1001/jama.2022.20034

Poetry and Medicine

Miscarriage

Sarah N. Cross, MD

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JAMA. 2022;328(22):2275. doi:10.1001/jama.2022.21174

JAMA Revisited

Smallpox: A Test of Civilization

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JAMA. 2022;328(22):2276. doi:10.1001/jama.2021.17245

JAMA Patient Page

What Is an Abdominal Aortic Aneurysm?

Jayson R. Baman, MD; Mark K. Eskandari, MD

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

FREE JAMA. 2022;328(22):2280. doi:10.1001/jama.2022.18638

This JAMA Patient Page describes abdominal aortic aneurysms and their symptoms, risk factors, diagnosis, and treatment.

Comment & Response

Trends in Adverse Event Rates Among Hospitalized Patients From 2010 to 2019

Ruth Ann Dorrill, MPA; Amy Ashcraft, MPA; Julie Taitsman, MD, JD

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JAMA. 2022;328(22):2271-2272. doi:10.1001/jama.2022.18169

Trends in Adverse Event Rates Among Hospitalized Patients From 2010 to 2019—Reply

Noel Eldridge, MS; Mark Metersky, MD; Erin Grace, MHA

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

JAMA. 2022;328(22):2272-2273. doi:10.1001/jama.2022.18172

Dual Antiplatelet Therapy With Ticagrelor and Vein Graft Failure After Coronary Artery Bypass Graft Surgery

Bing-Yan Zeng, MD; Ping-Tao Tseng, MD, PhD; Chih-Sung Liang, MD

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

JAMA. 2022;328(22):2273. doi:10.1001/jama.2022.18751

Dual Antiplatelet Therapy With Ticagrelor and Vein Graft Failure After Coronary Artery Bypass Graft Surgery—Reply

Sigrid Sandner, MD; Björn Redfors, MD, PhD; Mario Gaudino, MD, PhD

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JAMA. 2022;328(22):2273-2274. doi:10.1001/jama.2022.18756

Correction

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FREE JAMA. 2022;328(22):2274. doi:10.1001/jama.2022.21078

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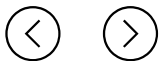
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JAMA. 2022;328(23):e2117254. doi:10.1001/jama.2021.17254



Audio: Personal Sound Amplification Devices for Older Adults With Hearing Loss, Pessary vs Surgery for Pelvic Organ Prolapse, Biopsychosocial Interventions or Postural Therapy for Acute and Subacute Spine Pain, and more

Original Investigation

Effect of Pessary vs Surgery on Patient-Reported Improvement in Patients With Symptomatic Pelvic Organ Prolapse: A Randomized Clinical Trial

Lisa R. van der Vaart, MD; Astrid Vollebregt, MD, PhD; Alfredo L. Milani, MD, PhD; et al.

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

JAMA. 2022;328(23):2312-2323. doi:10.1001/jama.2022.22385

This randomized clinical trial of adult women with stage 2 or greater pelvic organ prolapse compared the effects of treatment with surgery vs pessary.

Effect of a Community Health Worker-Delivered Personal Sound Amplification Device on Self-Perceived Communication Function in Older Adults With Hearing Loss: A Randomized Clinical Trial

Carrie L. Nieman, MD, MPH; Joshua Betz, MS; Emmanuel E. Garcia Morales, PhD; et al.

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



JAMA. 2022;328(23):2324-2333. doi:10.1001/jama.2022.21820

This randomized clinical trial assesses the effect of a community health worker-delivered personal sound amplification device intervention vs a wait-list control condition on self-perceived communication function at 3 months among older adults with hearing loss.

Editorial

Technological Tools to Improve Communication in Patients With Hearing Loss

Tyler G. James, PhD; Michael M. McKee, MD, MPH

Effect of a Biopsychosocial Intervention or Postural Therapy on Disability and Health Care Spending Among Patients With Acute and Subacute Spine Pain: The SPINE CARE Randomized Clinical Trial

Niteesh K. Choudhry, MD, PhD; Sheila Fifer, PhD; Constance P. Fontanet, MPH; et al.

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

JAMA. 2022;328(23):2334-2344. doi:10.1001/jama.2022.22625

This cluster randomized clinical trial compares the efficacy of 2 interventions that emphasize noninvasive care for spine pain vs usual care in reducing pain-related disability and health care spending among patients with acute or subacute spine pain.

Editorial

Research Letter

Comparison of US Firearm-Related Deaths Among Children and Adolescents by Race and Ethnicity, 1999-2020

Leonardo Mariño-Ramírez, PhD; I. King Jordan, PhD; Anna María Nápoles, PhD; et al.

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

JAMA. 2022;328(23):2359-2360. doi:10.1001/jama.2022.19508

This study assesses racial and ethnic differences in overall burden of firearm-related mortality and in change in firearm-related mortality among youths from 1999 to 2020.

Climate Change and Health

Association Between the 2021 Heat Wave in Portland, Oregon, and Seattle, Washington, and Emergency Department Visits

Amruta Nori-Sarma, PhD; Chad Milando, PhD; Kate R. Weinberger, PhD; et al.

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

JAMA. 2022;328(23):2360-2362. doi:10.1001/jama.2022.20665

This study used a health care claims data set of enrollees in commercial and Medicare Advantage insurance plans to assess the association between the June 2021 heat wave and the rates of emergency department visits in Portland, Oregon, and Seattle, Washington.

Special Communication

Guidelines for Reporting Outcomes in Trial Protocols: The SPIRIT-Outcomes 2022 Extension

Nancy J. Butcher, PhD; Andrea Monsour, MPH; Emma J. Mew, MPH, MPhil; et al.

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

  CME JAMA. 2022;328(23):2345-2356. doi:10.1001/jama.2022.21243

This report, the Standard Protocol Items: Recommendations for Interventional Trials (SPIRIT)-Outcomes 2022 extension, is a consensus statement on the standards for describing outcome-specific information in clinical trial protocols and contains recommendations to be integrated with the SPIRIT 2013 statement.

Viewpoint

Over-the-counter Hearing Aids: From Research to Policy to Practice

Debara L. Tucci, MD, MS, MBA; Robert M. Califf, MD

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

  JAMA. 2022;328(23):2299-2300. doi:10.1001/jama.2022.22123

In this Viewpoint from officials at NIH and FDA, the authors discuss research collaborations between federal agencies and the private sector, using new regulations for over-the-counter hearing aids as an illustration.



Audio: Over-the-Counter Hearing Aids

Editorial

Technological Tools to Improve Communication in Patients With Hearing Loss

Tyler G. James, PhD; Michael M. McKee, MD, MPH

Health and Safety Threats to Ukraine From Nonconventional Weapons: A Clear and Present Danger

Eric Goralnick, MD, MS; Peter R. Chai, MD, MMS; Timothy B. Erickson, MD

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

JAMA. 2022;328(23):2301-2302. doi:10.1001/jama.2022.22661

This Viewpoint discusses the potential for use of nonconventional warfare threats (chemical, biological, radiological, nuclear, and explosives) in the conflict in Ukraine and how health care profes-

sionals need to recognize and respond to these threats.

Editorial

Catastrophic Health Consequences of the War in Ukraine

Phil B. Fontanarosa, MD, MBA; Annette Flanagan, RN, MA; Robert M. Golub, MD



JAMA Medical News Audio: Ukrainian Doctors Share Current Experiences

A Piece of My Mind

Physician-as-Patient—Vulnerabilities and Strengths

Karla Castro-Frenzel, MD

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

JAMA. 2022;328(23):2303-2304. doi:10.1001/jama.2022.21859

In this narrative medicine essay, a pediatric anesthesiologist explores the unique strengths of physicians facing serious illness along with sense of isolation they may also feel when they become patients.

Editorial

Technological Tools to Improve Communication in Patients With Hearing Loss

Tyler G. James, PhD; Michael M. McKee, MD, MPH

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



JAMA. 2022;328(23):2305-2306. doi:10.1001/jama.2022.22121

Conservative Therapy for Acute and Subacute Back or Neck Pain

Erin E. Krebs, MD, MPH; Elizabeth S. Goldsmith, MD, PhD

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

JAMA. 2022;328(23):2307-2309. doi:10.1001/jama.2022.21833

Selective Decontamination of the Digestive Tract: An Answer at Last?

Marc Bonten, MD, PhD

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

JAMA. 2022;328(23):2310-2311. doi:10.1001/jama.2022.18623

JAMA Clinical Challenge

Abdominal Pain in a 15-Year-Old Adolescent Girl

Kazuki Iio, MD; Yu Ishida, MD

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

 CME JAMA. 2022;328(23):2357-2358. doi:10.1001/jama.2022.20402

A 15-year-old adolescent girl taking an oral contraceptive had 3 days of pain in a 1-cm area of the lower left abdominal quadrant. She had no nausea/vomiting, diarrhea, hematochezia, bloating, or anorexia; no precipitating factors for the pain; and no history of pregnancy, abdominal surgery, or abdominal trauma. Results from laboratory tests, endoscopy, and abdominal computed tomography were normal. What is the diagnosis and what would you do next?

Medical News & Perspectives

Telemedicine Rollbacks—Why Providing Care Across State Lines Is No Longer as Simple as It Was Early in the Pandemic

Rita Rubin, MA

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

JAMA. 2022;328(23):2291-2293. doi:10.1001/jama.2022.20875

This Medical News feature examines how the expiration of states' pandemic-related licensure waivers is limiting telemedicine services.

News From the Food and Drug Administration

Warning About Xylazine, a Veterinary Sedative Found in Illicit Drugs

Rita Rubin, MA

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

JAMA. 2022;328(23):2296. doi:10.1001/jama.2022.20045

Some Naloxone Products Could Be Sold Without a Prescription

Rita Rubin, MA

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

JAMA. 2022;328(23):2296. doi:10.1001/jama.2022.20044

Illegal e-Cigarettes Targeting Youth

Rita Rubin, MA

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JAMA. 2022;328(23):2296. doi:10.1001/jama.2022.20046

Global Health

Dogs May Reliably Detect SARS-CoV-2 Infections at Mass Events

Howard Larkin

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FREE JAMA. 2022;328(23):2294. doi:10.1001/jama.2022.20040

WHO: Vaccine Market Report Highlights Inequitable Global Distribution

Howard Larkin

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JAMA. 2022;328(23):2294. doi:10.1001/jama.2022.20041

How Early COVID-19 Restrictions Effected Progress on Neglected Tropical Diseases

Howard Larkin

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FREE *JAMA.* 2022;328(23):2294-2295. doi:10.1001/jama.2022.20042

Wide Variation in Reported Type 1 Diabetes Incidence in Children Around the World

Howard Larkin

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JAMA. 2022;328(23):2295. doi:10.1001/jama.2022.23075

Poetry and Medicine

Bone Density Scan

Beverly Greenspan, PhD, MD

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

JAMA. 2022;328(23):2365. doi:10.1001/jama.2022.21207

JAMA Revisited

The Political Responsibility of the Physician

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

JAMA. 2022;328(23):2366. doi:10.1001/jama.2021.17255

JAMA Patient Page

What Is Measles?

Kristin Walter, MD, MS; Preeti N. Malani, MD, MSJ

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

FREE  *JAMA.* 2022;328(23):2370. doi:10.1001/jama.2022.21363

This JAMA Patient Page describes measles infection, including prevention, symptoms of infection, contagiousness, and treatment.



Audio Version: What Is Measles?

Comment & Response

Remote Ischemic Conditioning vs Usual Care and Neurologic Function in Acute Moderate Ischemic Stroke

Fernando Pico, MD; Julien Labreuche, BSc; Pierre Amarenco, MD

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

JAMA. 2022;328(23):2362-2363. doi:10.1001/jama.2022.18826

Remote Ischemic Conditioning vs Usual Care and Neurologic Function in Acute Moderate Ischemic Stroke—Reply

Yu Cui, PhD; Hui-Sheng Chen, MD

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

JAMA. 2022;328(23):2363. doi:10.1001/jama.2022.18829

Consent Laws for Minors Regarding Sexually Transmitted Infection and HIV Services

Charles G. Kels, JD

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

JAMA. 2022;328(23):2363-2364. doi:10.1001/jama.2022.19037

Consent Laws for Minors Regarding Sexually Transmitted Infection and HIV Services—Reply

Kristen Underhill, DPhil, JD; Kimberly M. Nelson, PhD, MPH

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

JAMA. 2022;328(23):2364. doi:10.1001/jama.2022.19040

JAMA Masthead

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December 27, 2022, Vol 328, No. 24, Pages 2377-2466

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JAMA. 2022;328(24):e2117264. doi:10.1001/jama.2021.17264



Audio: Labor Unionization Among US Health Care Workers, Association of Family Income With Children's Health, Review of Anxiety Disorders, and more

Original Investigation

Trends in Labor Unionization Among US Health Care Workers, 2009-2021

Ahmed M. Ahmed, MPP, MSc; Kushal Kadakia, MSc; Alwiya Ahmed, MD, MPH; et al.

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

JAMA. 2022;328(24):2404-2411. doi:10.1001/jama.2022.22790

This cross-sectional study examines the effect of unionization on pay, noncash benefit, and working hours among health care workers.

Editorial

Restoring Physician Authority in an Era of Hospital Dominance

Barak D. Richman, JD, PhD; Kevin A. Schulman, MD

Exome Sequencing of a Clinical Population for Autosomal Dominant Polycystic Kidney Disease

Alexander R. Chang, MD; Bryn S. Moore, MS; Jonathan Z. Luo, MS; et al.

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

JAMA. 2022;328(24):2412-2421. doi:10.1001/jama.2022.22847

This retrospective study assesses the prevalence of autosomal dominant polycystic kidney disease and contributions of *PKD1*, *PKD2*, and other genes related to cystic kidney disease in a large, unselected cohort of patients.

Association of Family Income With Morbidity and Mortality Among US Lower-Income Children and Adolescents

Victoria Udalova, PhD; Vinayak Bhatia, BA; Maria Polyakova, PhD

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

JAMA. 2022;328(24):2422-2430. doi:10.1001/jama.2022.22778

This study examines the association between family income and the prevalence of claims-based diagnoses for 6 types of chronic and acute conditions, along with 10-year mortality, among children and adolescents in lower-income families.

Editorial

The Relationship Between Income and Child Health: New Data for an Old Question

Janet Currie, PhD; Hannes Schwandt, PhD

Research Letter

Trends in Reported Health Care Affordability for Men and Women With Employer-Sponsored Health Insurance Coverage in the US, 2000 to 2020

Avni Gupta, BDS, MPH; José A. Pagán, PhD

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

JAMA. 2022;328(24):2448-2450. doi:10.1001/jama.2022.19566

This study uses National Health Interview Survey data from 2000 to 2020 to examine reported differences between US men and women aged 19 to 64 years with employer-sponsored insurance in obtaining affordable health care.

Physician-Legislators in Federal and State Government in 2022

Tanvee Varma, BA; Matthew Goldenberg, MD, MSc

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

JAMA. 2022;328(24):2450-2452. doi:10.1001/jama.2022.20830

This study uses legislator data from a commercial data service firm database to characterize physicians serving in US federal and state legislatures in 2022 and to compare them with other legislators and with the US physician population.

Comparison of Industry Payments to Physicians and Advanced Practice Clinicians

Audrey D. Zhang, MD; Timothy S. Anderson, MD, MAS

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

JAMA. 2022;328(24):2452-2455. doi:10.1001/jama.2022.20794

This study uses Open Payments data to characterize and compare payments to physicians and advanced practice clinicians.

Preapproval Promises to Voluntarily Withdraw FDA-Approved Drugs

Holly Fernandez Lynch, JD, MBE; Rachel E. Sachs, JD, MPH

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

JAMA. 2022;328(24):2392-2393. doi:10.1001/jama.2022.22566

This Viewpoint provides recommendations for improvements to strengthen legal obligations and decrease ambiguity for the US Food and Drug Administration regarding their reliance on voluntary preapproval withdrawal pledges.

The FDA Struggle to Withdraw Makena: Problems With the Accelerated Approval Process

Daniel G. Aaron, MD, JD; I. Glenn Cohen, JD; Eli Y. Adashi, MD, MS

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

JAMA. 2022;328(24):2394-2395. doi:10.1001/jama.2022.22986

This Viewpoint discusses the controversy surrounding the FDA's efforts to withdraw Makena from the market and the broader implications for the accelerated approval pathway.

A Piece of My Mind

The Last Visit

Anne Kelly, LCSW

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

FREE JAMA. 2022;328(24):2396-2397. doi:10.1001/jama.2022.22280

In this narrative medicine essay, a hospice and palliative care social worker describes the expressions of love she and her mother shared in the last days of her mother's life.

Editorial

Data Sharing and the Growth of Medical Knowledge

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

Abstract | **Full Text**

FREE JAMA. 2022;328(24):2398-2399. doi:10.1001/jama.2022.22837

Editorial

Data Sharing: An Ethical and Scientific Imperative

Howard Bauchner, MD; Robert M. Golub, MD; Phil B. Fontanarosa, MD, MBA

Data Sharing Statements for Clinical Trials: A Requirement of the International Committee of Medical Journal Editors

Darren B. Taichman, MD, PhD; Peush Sahni, MB, BS, MS, PhD; Anja Pinborg, MD; Larry Peiperl, MD; Christine Laine, MD, MPH; Astrid James, MB, BS; Sung-Tae Hong, MD, PhD; Abraham Haileamlak, MD; Laragh Gollogly, MD, MPH; Fiona Godlee, FRCP; Frank A. Frizelle, MB, ChB, FRACS; Fernando Florenzano, MD; Jeffrey M. Drazen, MD; Howard Bauchner, MD; Christopher Baethge, MD; Joyce Backus, MSLS

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; Robert O. Bonow, MD, MS; Neil M. Bressler, MD; Dimitri Christakis, MD, MPH; Mary L. Disis, MD; S. Andrew Josephson, MD; Melina R. Kibbe, MD; Dost Öngür, MD, PhD; Jay F. Piccirillo, MD; Rita F. Redberg, MD, MPH; Frederick P. Rivara, MD, MPH; Kanade Shinkai, MD, PhD; Thomas J. Easley

Restoring Physician Authority in an Era of Hospital Dominance

Barak D. Richman, JD, PhD; Kevin A. Schulman, MD

Abstract | **Full Text**

JAMA. 2022;328(24):2400-2401. doi:10.1001/jama.2022.23610

The Relationship Between Income and Child Health: New Data for an Old Question

Janet Currie, PhD; Hannes Schwandt, PhD

Abstract | **Full Text**

JAMA. 2022;328(24):2402-2403. doi:10.1001/jama.2022.22245

Review

Anxiety Disorders: A Review

Kristin L. Szuhany, PhD; Naomi M. Simon, MD, MSc

Abstract | **Full Text**



JAMA. 2022;328(24):2431-2445. doi:10.1001/jama.2022.22744

This review summarizes current evidence on the diagnosis and treatment of generalized anxiety disorder, social anxiety disorder, and panic disorder with or without agoraphobia.



Audio Clinical Review: Diagnosis and Treatment of Anxiety Disorders

JAMA Guide to Statistics and Methods

Target Trial Emulation: A Framework for Causal Inference From Observational Data

Miguel A. Hernán, MD, DrPH; Wei Wang, PhD; David E. Leaf, MD, MMSc

Abstract | **Full Text**



JAMA. 2022;328(24):2446-2447. doi:10.1001/jama.2022.21383

This Guide to Statistics and Methods describes the use of target trial emulation to design an observational study so it preserves the advantages of a randomized clinical trial, points out the limitations of the method, and provides an example of its use.

Medical News & Perspectives

JAMA Network Articles of the Year 2022

Melissa Suran, PhD, MSJ

Abstract | **Full Text**



JAMA. 2022;328(24):2381-2385. doi:10.1001/jama.2022.17761

This Medical News article is our annual roundup of the top-viewed articles from all JAMA Network journals.

News From the Centers for Disease Control and Prevention

Highest Rate of US Home Births in 3 Decades

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2022;328(24):2389. doi:10.1001/jama.2022.20057

Tobacco Use Remains High in Middle and High Schools

Bridget M. Kuehn, MSJ

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FREE JAMA. 2022;328(24):2389-2390. doi:10.1001/jama.2022.20058

Clinical Trials Update

Angiotensin Receptor Blockers Not Effective Against COVID-19

Anita Slomski

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FREE JAMA. 2022;328(24):2387. doi:10.1001/jama.2022.20053

Surgical Procedures for Ankle Osteoarthritis Produce Similar Results

Anita Slomski

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FREE JAMA. 2022;328(24):2387. doi:10.1001/jama.2022.20054

Intensive Therapy Reduces Risks for Patients With Acute Heart Failure

Anita Slomski

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FREE JAMA. 2022;328(24):2387-2388. doi:10.1001/jama.2022.20055

Moderna COVID-19 Vaccine Safe and Effective for Children 6 Months to 5 Years

Anita Slomski

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FREE JAMA. 2022;328(24):2388. doi:10.1001/jama.2022.20056

Health Agencies Update

Surgeon General Tackles Workplace Well-being

Melissa Suran, PhD, MSJ

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FREE JAMA. 2022;328(24):2386. doi:10.1001/jama.2022.20050

VA Finds Nirmatrelvir Associated With Lower Risk of Long COVID

Melissa Suran, PhD, MSJ

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FREE JAMA. 2022;328(24):2386. doi:10.1001/jama.2022.20051

HHS Releases New Report on Long COVID Experiences

Melissa Suran, PhD, MSJ

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

FREE JAMA. 2022;328(24):2386. doi:10.1001/jama.2022.20052

The Arts and Medicine

Graphic Medicine—The Best of 2022

Michael J. Green, MD, MS

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

FREE JAMA. 2022;328(24):2379-2380. doi:10.1001/jama.2022.20141

This Arts and Medicine feature reviews 2 books published in 2022: a clinical ethics graphic medicine casebook illustrating how ethical dilemmas in clinical practice play out in real situations; and a graphic public health comics anthology showing how comics meet the needs of risk communication and health promotion.

Poetry and Medicine

In Extremis

Kevin Hadduck, MA

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

FREE JAMA. 2022;328(24):2460. doi:10.1001/jama.2022.21294

JAMA Revisited

A Plea For the Development of Pathology: Oscar T. Schultz, M.D., Chicago

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

FREE JAMA. 2022;328(24):2461. doi:10.1001/jama.2021.17265

JAMA Patient Page

What Is Amyotrophic Lateral Sclerosis?

Revital Marcus, MD

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

FREE JAMA. 2022;328(24):2466. doi:10.1001/jama.2022.19305

This JAMA Patient Page describes the neurological disorder amyotrophic lateral sclerosis and its symptoms, risk factors, diagnosis, and treatment options.

Comment & Response

Stenting Plus Medical Therapy and Risk of Stroke and Death in Patients With Symptomatic Intracranial Stenosis

Marialuisa Zedde, MD; Rosario Pascarella, MD

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

JAMA. 2022;328(24):2455-2456. doi:10.1001/jama.2022.18915

Stenting Plus Medical Therapy and Risk of Stroke and Death in Patients With Symptomatic Intracranial Stenosis

Michael J. Alexander, MD; Wengui Yu, MD, PhD; WEAVE Trial Investigators

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

JAMA. 2022;328(24):2456-2457. doi:10.1001/jama.2022.18918

Stenting Plus Medical Therapy and Risk of Stroke and Death in Patients With Symptomatic Intracranial Stenosis—Reply

Peng Gao, MD; Tao Wang, MD; Liqun Jiao, MD

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

JAMA. 2022;328(24):2457. doi:10.1001/jama.2022.18921

COVID-19 vs Influenza for Risk of Thrombotic Events in Hospitalized Patients

Chin-Yuan Yii, MD; Su-Boon Yong, MD, PhD; James Cheng-Chung Wei, MD, PhD

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

JAMA. 2022;328(24):2457-2458. doi:10.1001/jama.2022.19076

COVID-19 vs Influenza for Risk of Thrombotic Events in Hospitalized Patients—Reply

Vincent Lo Re III, MD, MSCE; Sarah K. Dutcher, PhD; Noelle M. Cocoros, DSc, MPH

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

JAMA. 2022;328(24):2458-2459. doi:10.1001/jama.2022.19079

JAMA Masthead

JAMA

Benefits of Streamlined Point-of-Care Trial Designs: Lessons Learned From the UK RECOVERY Study

Robert M. Califf, MD; Patrizia Cavazzoni, MD; Janet Woodcock, MD

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

 *JAMA Intern Med.* 2022;182(12):1243-1244. doi:10.1001/jamainternmed.2022.4810

This Viewpoint discusses the benefits of streamlined point-of-care trial designs in clinical research, using lessons learned from the UK RECOVERY study of dexamethasone dosing for patients with COVID-19 and hypoxia.

Advertisement

Original Investigation

Association of Particulate Matter Exposure With Lung Function and Mortality Among Patients With Fibrotic Interstitial Lung Disease

Gillian C. Goobie, MD; Christopher Carlsten, MD, MPH; Kerri A. Johansson, MD, MPH; et al.

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

 *JAMA Intern Med.* 2022;182(12):1248-1259. doi:10.1001/jamainternmed.2022.4696

This cohort study assesses whether exposure to particulate matter 2.5 μm or less in diameter and its constituents was associated with increased mortality, worse baseline lung function, and more rapid decrease in lung function among patients with fibrotic interstitial lung disease.

Qualitative Analysis of Patient–Physician Discussions Regarding Anticoagulation for Atrial Fibrillation

Kathryn A. Martinez, PhD, MPH; Heather McKee Hurwitz, PhD; Michael B. Rothberg, MD, MPH

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

 *JAMA Intern Med.* 2022;182(12):1260-1266. doi:10.1001/jamainternmed.2022.4918

This qualitative study describes the content of discussions between patients with atrial fibrillation and physicians regarding choice of anticoagulation.



Audio Author Interview: Qualitative Analysis of Patient-Physician Discussions on Anticoagulation for Atrial Fibrillation

Association Between Nephrologist Ownership of Dialysis Facilities and Clinical Outcomes

Eugene Lin, MD, MS; Matthew S. McCoy, PhD; Manqing Liu, MHS; et al.

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

JAMA Intern Med. 2022;182(12):1267-1276. doi:10.1001/jamainternmed.2022.5002

This cross-sectional study investigates the association of nephrologist ownership of dialysis facilities with patient outcomes among individuals with end-stage kidney disease receiving dialysis.



Audio Author Interview: Association Between Nephrologist Ownership of Dialysis Facilities and Clinical Outcomes

Cost-effectiveness of Empagliflozin in Patients With Heart Failure With Preserved Ejection Fraction

Jimmy Zheng, BS; Justin T. Parizo, MD; John A. Spertus, MD, MPH; et al.

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

JAMA Intern Med. 2022;182(12):1278-1288. doi:10.1001/jamainternmed.2022.5010

This economic evaluation estimates the cost-effectiveness of empagliflozin in patients with heart failure with preserved ejection fraction.

Daily Low-Dose Aspirin and Risk of Serious Falls and Fractures in Healthy Older People: A Substudy of the ASPREE Randomized Clinical Trial

Anna L. Barker, PhD; Renata Morello, PhD; Le Thi Phuong Thao, PhD; et al.

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

JAMA Intern Med. 2022;182(12):1289-1297. doi:10.1001/jamainternmed.2022.5028

This randomized clinical trial examines whether daily low-dose aspirin reduces the risk of fractures or serious falls in healthy older men and women.

Effect of Computer-Tailored Print Feedback, Motivational Interviewing, and Motivational Enhancement Therapy on Engagement in Advance Care Planning: A Randomized Clinical Trial

Terri R. Fried, MD; Manshu Yang, PhD; Steve Martino, PhD; et al.

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

JAMA Intern Med. 2022;182(12):1298-1305. doi:10.1001/jamainternmed.2022.5074

This randomized clinical trial examine the efficacy of computer-tailored print feedback (CTPF), motivational interviewing (MI), and motivational enhancement therapy (MET) on completion of a set of advance care planning activities, each as compared with usual care.

Editorial

Paying for Cancer Drugs—Getting What We Are (Prohibited From) Bargaining for

Isabel R. Ostrer, MD; Cary P. Gross, MD

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

JAMA Intern Med. 2022;182(12):1245. doi:10.1001/jamainternmed.2022.4921

Unchanged Diagnostic Imaging for Urinary Stone Disease—Where Do We Go From Here?

Rebecca Smith-Bindman, MD; Matthew E. Nielsen; Ralph C. Wang, MD, MAS

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

JAMA Intern Med. 2022;182(12):1246-1247. doi:10.1001/jamainternmed.2022.4917

Invited Commentary

Physicians as Owners and Agents—A Call for Further Study

Paul J. Eliason, PhD; Ryan C. McDevitt, PhD; James W. Roberts, PhD

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

 *JAMA Intern Med.* 2022;182(12):1276-1277. doi:10.1001/jamainternmed.2022.5025



Audio Author Interview: Association Between Nephrologist Ownership of Dialysis Facilities and Clinical Outcomes

Special Communication

Health Care Policy and Law

Artificial Intelligence in Breast Cancer Screening: Evaluation of FDA Device Regulation and Future Recommendations

Kunal C. Potnis, BS; Joseph S. Ross, MD, MHS; Sanjay Aneja, MD; et al.

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



CME *JAMA Intern Med.* 2022;182(12):1306-1312. doi:10.1001/jamainternmed.2022.4969

This review examines the current FDA regulatory process for artificial intelligence products used in breast cancer screening and suggests system improvements.

Research Letter

Association Between US Drug Price and Measures of Efficacy for Oncology Drugs Approved by the US Food and Drug Administration From 2015 to 2020

Miloš D. Miljković, MD, MSc; Jordan E. Tuia, BA; Timothée Olivier, MD; et al.

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



JAMA Intern Med. 2022;182(12):1319-1320. doi:10.1001/jamainternmed.2022.4924

This cross-sectional study estimates all US Food and Drug Administration anticancer approvals in recent years and evaluates if an association exists between their cost and efficacy.

Editorial

Paying for Cancer Drugs—Getting What We Are (Prohibited From) Bargaining for

Isabel R. Ostrer, MD; Cary P. Gross, MD

Guideline-Discordant Care Among Direct-to-Consumer Testosterone Therapy Platforms

Justin M. Dubin, MD; Erin Jesse, MD; Richard J. Fantus, MD; et al.

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

JAMA Intern Med. 2022;182(12):1321-1323. doi:10.1001/jamainternmed.2022.4928

This cross-sectional study examines whether direct-to-consumer platforms provide guideline-concordant care regarding testosterone therapy.

National Imaging Trends for Suspected Urinary Stone Disease in the Emergency Department

Calyani Ganesan, MD, MS; Margaret R. Stedman, PhD; Sai Liu, MPH; et al.

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

JAMA Intern Med. 2022;182(12):1323-1325. doi:10.1001/jamainternmed.2022.4939

This cohort study examines the use of an ultrasonography-first strategy for urinary stone disease.

Editorial

Unchanged Diagnostic Imaging for Urinary Stone Disease—Where Do We Go From Here?

Rebecca Smith-Bindman, MD; Matthew E. Nielsen; Ralph C. Wang, MD, MAS

Rate of Recurrence After Discontinuing Anticoagulation Therapy in Patients With COVID-19-Associated Venous Thromboembolism

Luis Jara-Palomares, MD, PhD; Behnood Bikdeli, MD, MS; David Jiménez, MD, PhD; et al.

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

FREE  CME *JAMA Intern Med.* 2022;182(12):1326-1328. doi:10.1001/jamainternmed.2022.4954

This cohort study assesses the rate of recurrence of venous thromboembolism (VTE) in patients with COVID-19-associated VTE who discontinued anticoagulation therapy.

Challenges in Clinical Electrocardiography

High-risk Electrocardiogram Patterns

Fabrizio Vallelonga, MD; Francesco A. Diella, MD; Stephen W. Smith, MD

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

 CME *JAMA Intern Med.* 2022;182(12):1313-1314. doi:10.1001/jamainternmed.2022.4704

This case report describes a patient in their 50s who presented to the emergency department with the presence of typical retrosternal chest pain radiating to the left scapular site.

Right Bundle-Branch Block Pattern in Precordial Leads and Left Bundle-Branch Block Pattern With Left Axis Deviation in Frontal Plane Leads—What Does This Mean?

Matheus Kiszka Scheffer, MD; Mariana Fuziy Nogueira De Marchi, MD; Ana Carolina Muniz Costa, MD

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

 CME *JAMA Intern Med.* 2022;182(12):1315-1316. doi:10.1001/jamainternmed.2022.4708

This case report describes a patient in their 70s who presented to the emergency department with a history of syncope that occurred 7 days before admission.

Challenged Atrioventricular Node Ablation in a Patient With Atrial Fibrillation With Rapid Ventricular Rate and Wide QRS Complex

Xiaobo Pu, MD; Bosen Yang, MSc; Hua Fu, MSc

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

 CME *JAMA Intern Med.* 2022;182(12):1317-1318. doi:10.1001/jamainternmed.2022.4712

This case report describes a patient in their 60s with a history of palpitations for more than 10 years and dyspnea for 3 years who had undergone a single-chamber pacemaker implant 10 years prior for sick sinus syndrome with paroxysmal atrial fibrillation.

Comment & Response

The Value of Precise and Contemporary Definitions When Categorizing Spinal Injections

Ahmed R. Haque, MD; Albert C. Perrino, MD

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

JAMA Intern Med. 2022;182(12):1328. doi:10.1001/jamainternmed.2022.4848

The Value of Precise and Contemporary Definitions When Categorizing Spinal Injections—Reply

Thomas R. Radomski, MD, MS; Elijah Z. Lovelace, MS; Carolyn T. Thorpe, PhD, MPH

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

JAMA Intern Med. 2022;182(12):1328-1329. doi:10.1001/jamainternmed.2022.4851

Ensuring Progress Toward Racial Equity in Pulse Oximetry

Ayrenne Adams, MD, MPH; Hyung J. Cho, MD

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

JAMA Intern Med. 2022;182(12):1329. doi:10.1001/jamainternmed.2022.4854

Editor's Note

Confronting the Clinical Implications of Racial and Ethnic Discrepancy in Pulse Oximetry

Eric Ward, MD; Mitchell H. Katz, MD

Ensuring Progress Toward Racial Equity in Pulse Oximetry—Reply

Eric Raphael Gottlieb, MD, MS; Jennifer Ziegler, MD, MSc; Barret Rush, MD, MPH

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

JAMA Intern Med. 2022;182(12):1329-1330. doi:10.1001/jamainternmed.2022.4857

Editor's Note

Confronting the Clinical Implications of Racial and Ethnic Discrepancy in Pulse Oximetry

Eric Ward, MD; Mitchell H. Katz, MD

Attrition of Indigenous Medical Students Requires Swift Institutional Response

Alec J. Calac, BS; Kekoa Taparra, MD, PhD

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

JAMA Intern Med. 2022;182(12):1330. doi:10.1001/jamainternmed.2022.4933

Attrition of Indigenous Medical Students Requires Swift Institutional Response—Reply

Mytien Nguyen, MS; Tonya Fancher, MD, MPH; Dowin Boatright, MD, MBA, MHS

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

JAMA Intern Med. 2022;182(12):1330-1331. doi:10.1001/jamainternmed.2022.4936

Correction

Error in Figure 2

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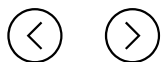
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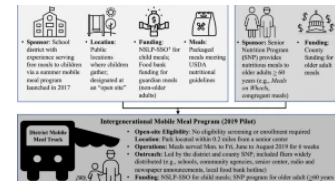
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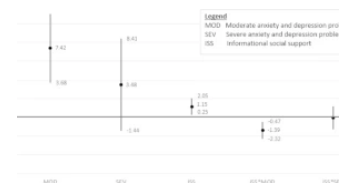


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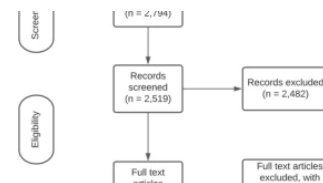
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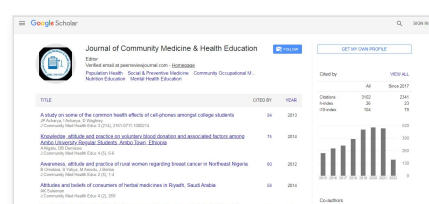
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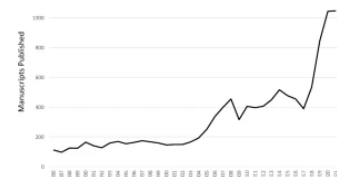
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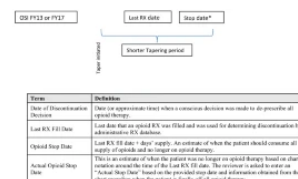


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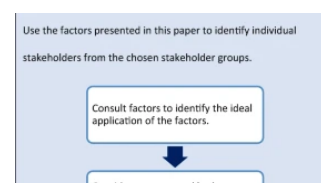


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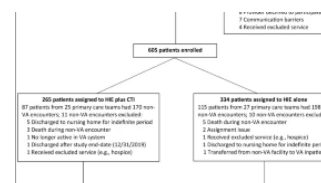


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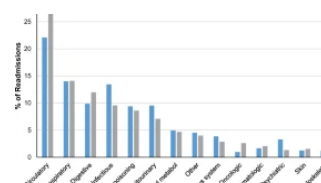


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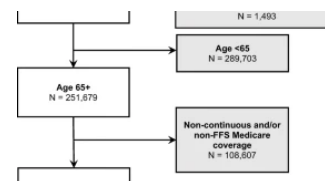


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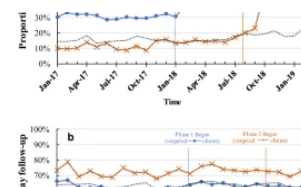
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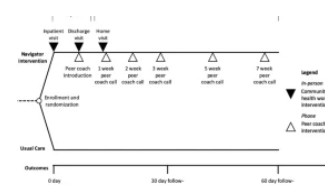
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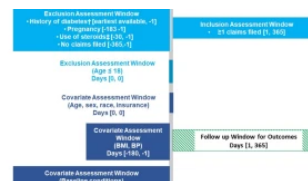


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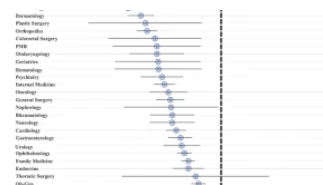
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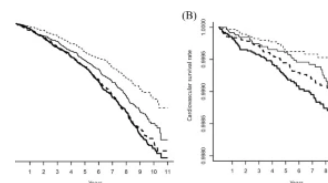
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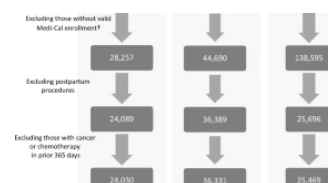
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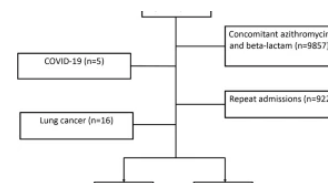
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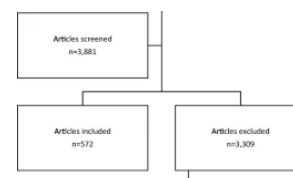
4. Are there any other major care issues that have occurred recently with this patient?
5. Of these issues which you just mentioned for this patient, which of these issues need follow-up?
6. What could happen to the patient if follow-up doesn't occur, for some reason?
7. If you had limited time to address all of this patient's issues, how would you prioritize among them?
8. If you were precepting a resident or briefing a colleague who was meeting this patient for the first time, what would you say about this patient to help them approach their care?
9. Have you ever had a goals of care or advanced directive conversation with this patient?
 - a. [Probe]: Can you tell me about what you learned about the patient during that conversation?
10. What are this patient's personal values or priorities for health?

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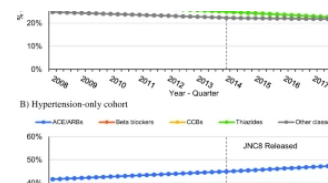
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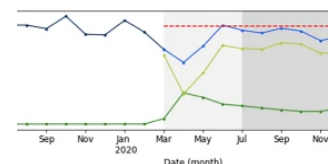
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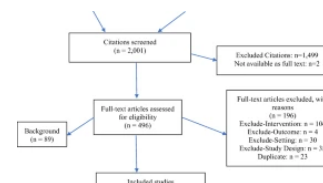
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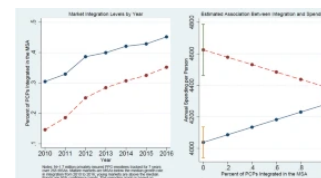
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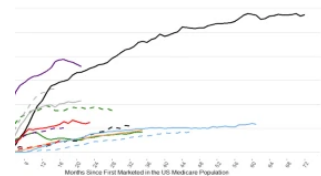


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Michael A. Barone, MD, MPH; Jessica L. Bienstock, MD, MPH; Elise Lovell, MD; John R. Gimpel, DO, MEd; Grant L. Lin, MD, PhD; Jennifer Swails, MD; George C. Mejicano, MD, MS

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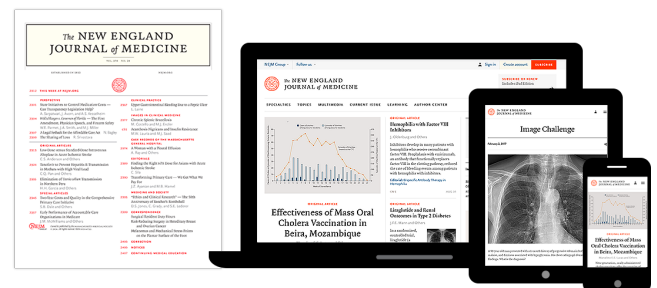
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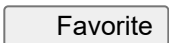


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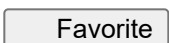
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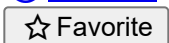
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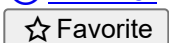
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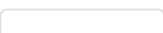
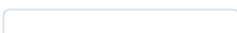
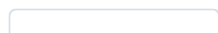
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CLINICAL REPORT

Executive Summary: Providing a Primary Care Medical Home for Children and Youth With Cerebral Palsy

Garey Noritz, MD, FAAP, FACP; Lynn Davidson, MD, FAAP; Katherine Steingass, MD, FAAP; Council on Children With Disabilities, and the AMERICAN ACADEMY FOR CEREBRAL PALSY AND DEVELOPMENTAL MEDICINE

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Topics: cerebral palsy, medical home, disabled children, primary care physicians

CLINICAL REPORT

Use of Point-of-Care Ultrasonography in the NICU for Diagnostic and Procedural Purposes

Dan L. Stewart, MD, FAAP; Yasser Elsayed, MD, FRCPC; María V. Fraga, MD; Brian D. Coley, MD, FAAP, FACP; Aparna Annam, DO, FAAP ...

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Topics: point-of-care ultrasonography, neonatal intensive care units, newborn

POLICY STATEMENT

Firearm-Related Injuries and Deaths in Children and Youth: Injury Prevention and Harm Reduction

Lois K. Lee, MD, MPH, FAAP; Eric W. Fleegler, MD, MPH, FAAP; Monika K. Goyal, MD, MSCE, FAAP; Kiesha Fraser Doh, MD, FAAP; Danielle Laraque-Arena, MD, FAAP ...

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Topics: firearms, gunshot wounds, harm reduction, injury prevention

TECHNICAL REPORT

Firearm-Related Injuries and Deaths in Children and Youth

Lois K. Lee, MD, MPH, FAAP; Eric W. Fleegler, MD, MPH, FAAP; Monika K. Goyal, MD, MSCE, FAAP; Kiesha Fraser Doh, MD, FAAP; Danielle Laraque-Arena, MD, FAAP ...

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Topics: firearms, gunshot wounds, suicide

CLINICAL REPORT

Providing a Primary Care Medical Home for Children and Youth With Cerebral Palsy ✓

Garey Noritz, MD, FAAP, FACP; Lynn Davidson, MD, FAAP; Katherine Steingass, MD, FAAP; the Council on Children with Disabilities, The American Academy For Cerebral Palsy And Developmental Medicine

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Topics: cerebral palsy, pain, disability, brain, muscle spasticity

TECHNICAL REPORT

Use of Point-of-Care Ultrasonography in the NICU for Diagnostic and Procedural Purposes ✓

Dan L. Stewart, MD, FAAP; Yasser Elsayed, MD, FRCPC; María V. Fraga, MD; Brian D. Coley, MD, FAAP, FACP; Aparna Annam, DO, FAAP ...

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POLICY STATEMENT

AAP Publications Retired ✓

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Topics: genital herpes, neglect

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Lewis L. Hsu, MD, PhD; W. Craig Hooper, PhD; Laura A. Schieve, PhD

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Topics: sickle cell anemia, hydroxyurea

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Prayera Uppal, BA; Pamela K. Donohue, ScD; Rebecca R. Seltzer, MD, MHS

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Topics: home modification

Health Care as a Partner in Federal Nutrition Programs: Call for Advocacy

Laura M. Plencner, MD; Molly Krager, MD; Danielle Cullen, MD, MPH, MSHP

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Topics: advocacy, science of nutrition, cyclophosphamide, doxorubicin, prednisone, and vincristine

Feature

Student Empowered Longitudinal Feedback (SELF) Framework: Reframing Learner Handover

Anna Chen, MD; Nirit Bernhard, MD; Angela Punnett, MD

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Topics: feedback, transition of care, reframing

Equity, Diversity, Inclusion, and Justice

Feeding the Family: Cultural Humility in Bereavement Care

Arshia Madni, MD; Amy S. Porter, MD, PhD; Katie Crook, BSN, RN; Carla Cartwright, RD, CNSC; Hana Hakim, MD

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Topics: bereavement care, bereavement, diet

Advocacy Case Study

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Jeffrey G. Edwards, MD, MPH; Christine C. Cheston, MD; Colleen A. Kelly, MD; Ryan C.L. Brewster, MD; Alexis R. Williams, MD ...

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Topics: [hypothermia](#), [natural](#), [bacterial infection](#), [serious](#)

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Tarek Zuabi, MD; Oded Scheuerman, MD; Yotam Dizitzer, MD; Gil Amarilyo; Mor Abu, MD ...

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Luke Muentner, PhD, MSW; Nia Heard-Garris, MD, MSc; Rebecca Schlafer, PhD, MPH

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Topics: [community](#), [geographic difference](#), [health disparity](#), [peer group](#), [adverse childhood experiences](#)

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Alexander G. Fiks, MD, MSCE; Mary Pat Frintner, MSPH; Elizabeth A. Gottschlich, MA; Kristin N. Ray, MD, MS

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Topics: [telehealth](#), [chronic disease](#)

Review Articles

Preterm Brain Injury and Neurodevelopmental Outcomes: A Meta-analysis

Philippa Rees, MPhil, MBBCh; Caitriona Callan, MB BChir; Karan R. Chadda, MB BChir; Meriel Vaal, MBChB (Hons); James Diviney, MB BChir ...

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Topics: [brain injuries](#), [cerebral palsy](#), [hearing loss](#), [neurodevelopmental disorders](#), [visual impairment](#)

Advertising and Young People's Critical Reasoning Abilities: Systematic Review and Meta-analysis

Jessica Packer, MEpi; Helen Croker, PhD; Anne-Lise Goddings, MD, PhD; Emma J. Boyland, PhD; Claire Stansfield, PhD ...

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Topics: [advertising](#), [attitude](#), [reasoning](#), [narrative discourse](#)

State-of-the-Art Review

Cardiovascular Risk Assessment and Management for Pediatricians



Henk S. Schipper, MD, PhD; Sarah de Ferranti, MD, PhD

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Topics: atherosclerosis, carotid intima-media thickness, glucose, heart disease risk factors, lipids

Special Article

Gender Discrimination and Sexual Harassment in a Department of Pediatrics

Anne C. Slater, MD; Anita A. Thomas, MD, MPH; Linda Quan, MD; Shaquita Bell, MD; Miranda C. Bradford, MS ...

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Topics: gender, harassment, sex discrimination, sexual harassment

A Quality Improvement Network for Interdisciplinary Training in Developmental Disabilities

Jennifer D. Smith, PsyD, BCBA-D; Nichole Nidey, PhD; Gail S. Chödrön, PhD; Jackie Czyzia, MPH; Michelle L. Donahue, PT, DPT, EdD, PCS ...

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Topics: developmental disabilities, partnerships, patient care team, quality improvement, self-report

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Matthew Lin, MD; Sadath Sayeed, MD, JD; Danielle D DeCoursey, MD, MPH; Joanne Wolfe, MD, MPH; Christy Cummings, MD

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Topics: neonatal intensive care units, decision making

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Fiona Lynch, MGenCouns, PhD; Trisha Prentice, MBBS, MBioeth, PhD; Lynn Gillam, PhD; Zornitza Stark, BM, BCh, MBioeth, DM; Christopher Gyngell, MA, PhD

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Topics: counseling, genome sequencing, informed consent, neonatal intensive care units, pretest probability of disease

Quality Reports

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JoAnna K. Leyenaar, MD, PhD, MPH; Anagha Tolpadi, MS; Layla Parast, PhD; Megan Esporas, MPH; Maria T. Britto, MD, MPH ...

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Topics: counseling, feeling suicidal, self-injurious behavior, statistical process control, trend

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Megan Hamner, MD; Amanda Nedved, MD; Holly Austin, MD; Donna Wyly, RN, MSN, CPNP-AC, PPCNP-BC; Alaina Burns, PharmD, BCPPS ...

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Topics: cerebral edema, encephalomyelitis, acute disseminated, fever, liposomal amikacin for inhalation, magnetic resonance imaging

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Topics: hhv-6, meningoencephalitis, persistence, polymerase chain reaction, dna

Letter to the Editor

Science and Public Health as a Tool for Social Justice Requires Methodological Rigor ✓

Elle Lett, PhD; Avery Everhart, PhD; Carl Streed, Jr, MD, MPH; Arjee Restar, PhD, MPH

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Topics: public health medicine, social justice, gender identity, transgender persons

Author Response to: Science and Public Health as a Tool for Social Justice Requires Methodological Rigor ✓

Jack L. Turban, MD, MHS; Brett Dolotina, BS; Dana King, ALM; Alex S. Keuroghlian, MD, MPH

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Topics: gender identity, public health medicine, social justice, bullying

Re: Technical Report for Updated 2022 Recommendations for Reducing Infant Deaths in the Sleep Environment ✓

Ingrid A. Holm, MD, MPH; Annapurna Poduri, MD, MPH; Richard D. Goldstein, MD

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Topics: infant death, sleep

Author Response: Reply to: Re: Technical Report for Updated 2022 Recommendations for Reducing Infant Deaths in the Sleep Environment ✓

Rachel Y Moon, MD; AAP Task Force on Sudden Infant Death Syndrome; Rachel Y. Moon, MD, FAAP; Elie G. Abu Jawdeh, MD, PhD, FAAP; Rebecca F. Carlin, MD, FAAP ...

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Topics: infant death, sleep

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Topics: allergy and immunology

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Topics: allergy and immunology, hypersensitivity, asthma, care of intensive care unit patient

A Synopsis of the Synopses, 2021–2022 ✓

Julie Wang, MD, FAAP

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Allergy

Risk Factors and Prevention of Atopy

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Elinor Simons, MD, PhD

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Devika Pillay, DO; Kyle Robillard, MD; Elizabeth C. Matsui, MD, MHS

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Topics: food, hypersensitivity, geographic population

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Russell Behmer, MD; Theresa Bingemann, MD

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Topics: food, hypersensitivity, geographic population

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Food Allergy

IgE-Mediated Food Allergy

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Cassie Shaw, MD; Elizabeth Wisner, MD

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Kristina Roth, MD; Lindsey Moore, DO

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Topics: asthma, pneumococcal vaccine, pneumonia

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Samantha K. Knox, MD; Todd A. Mahr, MD

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Diagnosis and Management

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