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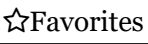
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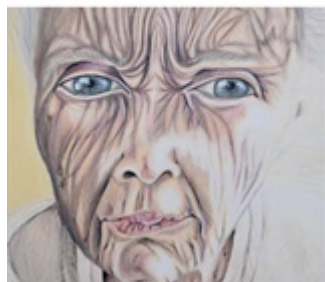
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M. Shipa, A. Embleton-Thirsk, M. Parvaz, L.R. Santos, P. Muller, K. Chowdhury, D.A. Isenberg, C.J. Doré, C. Gordon, and M.R. Ehrenstein

Rituximab is often used for patients with systemic lupus erythematosus that is refractory to conventional therapy, but it yields variable responses. This trial sought preliminary evidence for the efficacy of belimumab after rituximab in patients with systemic lupus erythematosus.

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S.A. Berkowitz, D. Palakshappa, J. Rigdon, H.K. Seligman, and S. Basu
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Focusing on COVID-19 deaths may underestimate the pandemic's effect on racial and ethnic disparities. This study estimated excess deaths related and unrelated to COVID-19 in the United States from March to December 2020 by race/ethnicity, sex, age group, and cause.

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J. Reif, H. Heun-Johnson, B. Tysinger, and D. Lakdawalla

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M. Klompas, D.K. Milton, C. Rhee, M.A. Baker, and S. Leekha

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Differences in income between male and female academic physicians are well known, but differences for community physicians and career differences in income have not been quantified. We used earnings data from 80,342 full-time US physicians to estimate ...

RESEARCH ARTICLE | THE PRACTICE OF MEDICINE

Physician Compensation In Physician-Owned And Hospital-Owned Practices

[Christopher M. Whaley](#), [Daniel R. Arnold](#), [Nate Gross](#), and [Anupam B. Jena](#)

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Physician practices are increasingly being acquired by hospitals and health systems. Despite evidence that this type of vertical integration is profitable for hospitals, the association between these acquisitions and the incomes of physicians in the ...

RESEARCH ARTICLE | AGE-FRIENDLY HEALTH

Trends In Home Care Versus Nursing Home Workforce Sizes: Are States Converging Or Diverging Over Time?

[Esther M. Friedman](#), [Madhumita Ghosh-Dastidar](#), [Teague Ruder](#), [Daniel Siconolfi](#), and [Regina A. Shih](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1875-1882

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There is strong preference among people with disabling conditions to receive care at home rather than in an institutional setting. Differences in state policies may make this more feasible in some states than others. Yet no study to date has examined ...

RESEARCH ARTICLE | COVID-19

Sociodemographic Disparities In Access To COVID-19 Vaccines Upon Initial Rollout In Florida

[Jennifer Attonito](#), [Whitney Van Arsdale](#), [Keren Fishman](#), [Maral Darya](#), [Mario Jacomino](#), and [George Luck](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1883-1891

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In this study we explored sociodemographic disparities in COVID-19 vaccine access upon initial rollout at Publix grocery store locations throughout Florida in January 2021. Florida officials reported that they chose Publix stores for the vaccine rollout ...

RESEARCH ARTICLE | PRECISION MEDICINE

Respecting Autonomy And Enabling Diversity: The Effect Of Eligibility And Enrollment On Research Data Demographics

[Kayte Spector-Bagdady](#), [Shengpu Tang](#), [Sarah Jabbour](#), [W. Nicholson Price](#), [Ana Bracic](#), [Melissa S. Creary](#), [Sachin Kheterpal](#), [Chad M. Brummett](#), and [Jenna Wiens](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1892-1899

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Many promising advances in precision health and other Big Data research rely on large data sets to analyze correlations among genetic variants, behavior, environment, and outcomes to improve population health. But these data sets are generally populated ...

RESEARCH ARTICLE | HEALTH EQUITY

Despite National Declines In Kidney Failure Incidence, Disparities Widened Between Low- And High-Poverty US Counties

[Kevin H. Nguyen](#), [Rebecca Thorsness](#), [Shailender Swaminathan](#), [Rajnish Mehrotra](#), [Rachel E. Patzer](#), [Yoojin Lee](#), [Daeho Kim](#), [Maricruz Rivera-Hernandez](#), and [Amal N. Trivedi](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1900-1908

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National estimates suggest that kidney failure incidence is declining in the US. However, whether this trend is evident in areas with socioeconomic disadvantage is unknown. We examined trends in kidney failure incidence by county-level poverty between ...

Coding-Driven Changes In Measured Risk In Accountable Care Organizations

[Michael E. Chernew](#), [Jessica Carichner](#), [Jeron Impreso](#), [J. Michael McWilliams](#), [Thomas G. McGuire](#), [Sartaj Alam](#), [Bruce E. Landon](#), and [Mary Beth Landrum](#)

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Claims data, which form the foundation of risk adjustment in payment for health care services, may reflect efforts to capture more—or more severe—clinical conditions rather than true changes in health status. This can distort payments. We quantify this in ...

The Medicare Advantage Quality Bonus Program Has Not Improved Plan Quality

[Adam A. Markovitz](#), [John Z. Ayanian](#), [Devraj Sukul](#), and [Andrew M. Ryan](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1918-1925

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In 2012 Medicare introduced the quality bonus program, linking financial bonuses to commercial insurers' quality performance in Medicare Advantage (MA). Despite large investments in the program, evidence of its effectiveness is limited. We analyzed ...

New Medicare Technology Add-On Payment Could Be Used As A Market Support Mechanism To Accelerate Antibiotic Innovation

[Neil Gandhi](#) and [Kevin A. Schulman](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1926-1934

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Despite growing antibiotic resistance, the clinical drug development pipeline for antibiotics has been sparse largely because of an unsustainable business model. We illustrate three models to accelerate antibiotic

RESEARCH ARTICLE

PHARMACEUTICALS & MEDICAL TECHNOLOGY

Raising Medicaid Rebates For Drugs With Accelerated Approval

[Benjamin N. Rome](#) and [Aaron S. Kesselheim](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1935-1942

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Through the Accelerated Approval Program, the Food and Drug Administration (FDA) may approve drugs that treat severe or life-threatening conditions on the basis of preliminary evidence of efficacy. Many of these drugs are made available at extremely high ...

RESEARCH ARTICLE

MEDICAID

Increasing Medicaid's Stagnant Asset Test For People Eligible For Medicare And Medicaid Will Help Vulnerable Seniors

[Noelle Cornelio](#), [Melissa Powell McInerney](#), [Jennifer M. Mellor](#), [Eric T. Roberts](#), and [Lindsay M. Sabik](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1943-1952

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Low-income Medicare beneficiaries rely on Medicaid for supplemental coverage but must meet income and asset tests to qualify. We examined states' income and asset tests for full-benefit Medicaid during the period 2006–18 and examined how alternative asset ...

Problems With 'Serious Mental Illness' As A Policy Construct

[Jeffrey A. Buck](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1953-1960

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Increasingly, mental health policies focus on "serious mental illness" (SMI). This trend is mostly unquestioned, but SMI policies have serious flaws that raise concerns about their effectiveness and desirability. One such flaw is the lack of consensus on ...

RESEARCH ARTICLE

PRIVATE HEALTH INSURANCE

Health Benefits In 2021: Employer Programs Evolving In Response To The COVID-19 Pandemic

[Gary Claxton](#), [Matthew Rae](#), [Anthony Damico](#), [Gregory Young](#), [Nisha Kurani](#), and [Heidi Whitmore](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 1961-1971

✓ [Preview Abstract](#)

This is the second annual Kaiser Family Foundation Employer Health Benefits Survey released since the beginning of the COVID-19 pandemic. Despite widespread workplace disruption, the key metrics we survey remained fairly stable. Average premiums for ...

NARRATIVE MATTERS | AGE-FRIENDLY HEALTH

To Uncover My Mother's Genetic Disorder, I Had To Lead The Way

[Shivani Nazareth](#)

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A genetic counselor uses her own resources to identify the root cause of her mother's changing personality.

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[Emily Suzuki](#) and [Nobutoshi Nawa](#)

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LETTERS

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[Rabih Torbay](#)

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Audio Editors' Summary: Diagnosing Pulmonary Embolism in the Emergency Department, Diet or Stress Reduction and Small-for-Gestational Age Births, Oxygen Therapy for Severe COVID-19, and more

Original Investigation

Effect of a Diagnostic Strategy Using an Elevated and Age-Adjusted D-Dimer Threshold on Thromboembolic Events in Emergency Department Patients With Suspected Pulmonary Embolism: A Randomized Clinical Trial

Yonathan Freund, MD, PhD; Anthony Chauvin, MD, PhD; Sonia Jimenez, MD; et al.

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

 CME JAMA. 2021;326(21):2141-2149. doi:10.1001/jama.2021.20750

This clinical trial compares the safety of a strategy that combines the YEARS rule with the pulmonary embolism rule-out criteria (PERC) rule and an age-adjusted D-dimer threshold vs a conventional diagnostic strategy for venous thromboembolism (VTE) among emergency department patients with suspected pulmonary embolism (PE).

Editorial

Diagnostic Strategies for Suspected Pulmonary Embolism

Marcel Levi, MD, PhD; Nick van Es, MD, PhD

Effects of Mediterranean Diet or Mindfulness-Based Stress Reduction on Prevention of Small-for-Gestational Age Birth Weights in Newborns Born to At-Risk Pregnant Individuals: The IMPACT BCN Randomized Clinical Trial

Francesca Crovetto, MD, PhD; Fàtima Crispi, MD, PhD; Rosa Casas, PhD; et al.

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

 CME JAMA. 2021;326(21):2150-2160. doi:10.1001/jama.2021.20178

This study investigates whether structured interventions based on a Mediterranean diet or mindfulness-based stress reduction in high-risk pregnancies can reduce the percentage of newborns born small for gestational age (SGA) and other adverse pregnancy outcomes.

Editorial

Mindfulness-Based Stress Reduction, Mediterranean Diet, and Fetal Growth

Margaret Bublitz, PhD; Methodius G. Tuuli, MD, MPH, MBA

Effect of High-Flow Oxygen Therapy vs Conventional Oxygen Therapy on Invasive Mechanical Ventilation and Clinical Recovery in Patients With Severe COVID-19: A Randomized Clinical Trial

Gustavo A. Ospina-Tascón, MD, PhD; Luis Eduardo Calderón-Tapia, MD; Alberto F. García, MD, MSc; et al.

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FREE  CME *JAMA.* 2021;326(21):2161-2171. doi:10.1001/jama.2021.20714

This randomized trial assesses the effect of high-flow oxygen therapy through a nasal cannula vs conventional oxygen therapy on 28-day intubation rates and time to clinical recovery among patients with respiratory distress due to COVID-19.

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Research Letter

Racial and Ethnic Representation in US Clinical Trials of New Drugs and Biologics, 2015-2019

Milena Lolic, MD, MS; Richardae Araujo, PharmD, MS; Melvyn Okeke, MPH; et al.

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

JAMA. 2021;326(21):2201-2203. doi:10.1001/jama.2021.16680

This study reviews the participation of racial and ethnic populations at US sites in 2015-2019 to understand the extent to which US trial participation represents the diversity of the US population.

Antibody Titers Before and After a Third Dose of the SARS-CoV-2 BNT162b2 Vaccine in Adults Aged ≥60 Years

Noa Eliakim-Raz, MD; Yaara Leibovici-Weisman, MD; Amos Stemmer, MD; et al.

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

FREE  CME *JAMA.* 2021;326(21):2203-2204. doi:10.1001/jama.2021.19885

This study assesses antispikes (anti-S) IgG antibody titers before and after a third BNT162b2 dose (booster) in individuals aged 60 years and older in Israel.

US Preventive Services Task Force

Recommendation Statement

Screening and Interventions to Prevent Dental Caries in Children Younger Than 5 Years: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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



JAMA. 2021;326(21):2172-2178. doi:10.1001/jama.2021.20007

This 2021 Recommendation Statement from the US Preventive Services Task Force recommends that primary care clinicians prescribe oral fluoride supplementation starting at age 6 months for children whose water supply is deficient in fluoride (B recommendation) and apply fluoride varnish to the primary teeth of all children starting at the age of primary tooth eruption (B recommendation) and concludes that current evidence is insufficient to assess the benefits and harms of routine primary care dental caries screening in children younger than 5 years (I statement).



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

Editorial

Promotion of Oral Health and Prevention of Dental Caries Among Children in Primary Care

Melinda B. Clark, MD; Patricia A. Braun, MD, MPH



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

Evidence Report

Screening and Interventions to Prevent Dental Caries in Children Younger Than 5 Years: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Roger Chou, MD; Miranda Pappas, MA; Tracy Dana, MLS; et al.

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



JAMA. 2021;326(21):2179-2192. doi:10.1001/jama.2021.15658

This systematic review to support the 2021 US Preventive Services Task Force Recommendation Statement on screening and interventions to prevent dental caries in children summarizes pub-

lished evidence on the benefits and harms of screening and interventions provided by primary care clinicians to prevent dental caries in children younger than 5 years.



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

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Promotion of Oral Health and Prevention of Dental Caries Among Children in Primary Care

Melinda B. Clark, MD; Patricia A. Braun, MD, MPH



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

JAMA and the US Preventive Services Task Force

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

Viewpoint

Diagnostic Excellence

Diagnostic Excellence Through the Lens of Patient-Centeredness

Donald M. Berwick, MD, MPP

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JAMA. 2021;326(21):2127-2128. doi:10.1001/jama.2021.19513

This Viewpoint in *JAMA*'s Diagnostic Excellence series explores the diagnosis of conditions from the patient's perspective.

How to Measure Progress in Addressing Physician Well-being: Beyond Burnout

Lisa S. Rotenstein, MD, MBA; Christine Sinsky, MD; Christine K. Cassel, MD

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JAMA. 2021;326(21):2129-2130. doi:10.1001/jama.2021.20175

This Viewpoint offers options on how to measure systems improvement in alleviating burnout among physicians and clinical staff.

Strengthening the FDA's Enforcement of ClinicalTrials.gov Reporting Requirements

Reshma Ramachandran, MD, MPP; Christopher J. Morten, JD, PhD; Joseph S. Ross, MD, MHS

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JAMA. 2021;326(21):2131-2132. doi:10.1001/jama.2021.19773

This Viewpoint discusses ways in which the FDA could harness its enforcement tools to bring important missing clinical trial results information to light and demonstrate its commitment to protecting patients through clinical trial transparency.

A Piece of My Mind

Three Stories About the Value of Advance Care Planning

J. Randall Curtis, MD, MPH

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

JAMA. 2021;326(21):2133-2134. doi:10.1001/jama.2021.21075

In this narrative medicine essay, a critical care palliative care physician shares how 2 family members could not communicate their end of life wishes but had engaged in discussions to help guide the family's decisions on their care, which brought comfort, and how as he now faces life-limiting illness these same discussions help him focus on joy rather than fear and grief.

Editorial

Diagnostic Strategies for Suspected Pulmonary Embolism

Marcel Levi, MD, PhD; Nick van Es, MD, PhD

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JAMA. 2021;326(21):2135-2136. doi:10.1001/jama.2021.19282

Mindfulness-Based Stress Reduction, Mediterranean Diet, and Fetal Growth

Margaret Bublitz, PhD; Methodius G. Tuuli, MD, MPH, MBA

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JAMA. 2021;326(21):2137-2138. doi:10.1001/jama.2021.19923

Promotion of Oral Health and Prevention of Dental Caries Among Children in Primary Care

Melinda B. Clark, MD; Patricia A. Braun, MD, MPH

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 JAMA. 2021;326(21):2139-2140. doi:10.1001/jama.2021.20396



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

JAMA Clinical Guidelines Synopsis

Cervical Cancer Screening Guideline for Individuals at Average Risk

Julie Chor, MD, MPH; Andrew M. Davis, MD, MPH; Jennifer M. Rusiecki, MD

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JAMA. 2021;326(21):2193-2194. doi:10.1001/jama.2021.13448

This JAMA Clinical Guidelines Synopsis summarizes guidance from the American Cancer Society regarding cervical cancer screening, including when to initiate screening, the frequency of testing, and which modality to use.

JAMA Clinical Challenge

Pharyngitis and Tonsillar Exudates in an 18-Year-Old Woman

Kristin Walter, MD, MS

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



JAMA. 2021;326(21):2195-2196. doi:10.1001/jama.2021.19023

An 18-year-old woman with no significant medical history and no history of sexual intercourse had pharyngitis and white tonsillar exudates of 1 week duration. She had neck swelling and occasional

dry cough but no fevers, chills, or fatigue; results of a rapid strep test, throat culture, and heterophile antibody test were negative. What is the diagnosis and what would you do next?

Medical News & Perspectives

Thousands of US Youths Cope With the Trauma of Losing Parents to COVID-19

Anita Slomski

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

  JAMA. 2021;326(21):2117-2119. doi:10.1001/jama.2021.20846

This Medical News article discusses the stress and grief reactions that children and teens face after losing a parent or close caregiver to COVID-19.



JAMA Medical News Audio: December 2021 Medical News Summary

News From the JAMA Network

Preterm Delivery Is a Long-term Hypertension Risk Factor

Anita Slomski

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JAMA. 2021;326(21):2120. doi:10.1001/jama.2021.21429

Methylphenidate Treats Apathy in Alzheimer Disease

Anita Slomski

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Preemptive Treatment Reduced Autism Symptom Severity

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JAMA. 2021;326(21):2120. doi:10.1001/jama.2021.21430

Statin Use Is Associated With Diabetes Progression

Anita Slomski

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JAMA. 2021;326(21):2120. doi:10.1001/jama.2021.21431

News From the Food and Drug Administration

Public-Private Partnership Sets Its Sights on New Gene Therapies

Rebecca Voelker, MSJ

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JAMA. 2021;326(21):2121. doi:10.1001/jama.2021.21553

Asbestos Wasn't Found in Cosmetics Containing Talc

Rebecca Voelker, MSJ

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JAMA. 2021;326(21):2121. doi:10.1001/jama.2021.21151

US, Canada, and UK Collaborate on New Guidance for Machine Learning

Rebecca Voelker, MSJ

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JAMA. 2021;326(21):2121. doi:10.1001/jama.2021.21554

Poetry and Medicine

A Short Flight in a Small Room

Michele Bombardier, SLP, MA-CCC, MFA

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JAMA. 2021;326(21):2216. doi:10.1001/jama.2021.14293

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Current Comment

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JAMA. 2021;326(21):2217. doi:10.1001/jama.2020.18254

JAMA Patient Page

Screening and Interventions to Prevent Dental Caries in Young Children

Jill Jin, MD, MPH

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

  JAMA. 2021;326(21):2223. doi:10.1001/jama.2021.21302

This JAMA Patient Page describes the US Preventive Services Task Force's recommendations on screening and interventions to prevent dental caries in young children.



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

Editorial

Promotion of Oral Health and Prevention of Dental Caries Among Children in Primary Care

Melinda B. Clark, MD; Patricia A. Braun, MD, MPH



Audio Author Interview: USPSTF Recommendation: Screening and Interventions to Prevent Dental Caries in Children

Comment & Response

Preconception Care to Optimize Pregnancy Outcomes

Sun Y. Lee, MD, MSc; Elizabeth N. Pearce, MD, MSc

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

JAMA. 2021;326(21):2204-2205. doi:10.1001/jama.2021.16759

Preconception Care to Optimize Pregnancy Outcomes—Reply

Methodius G. Tuuli, MD, MPH, MBA

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

JAMA. 2021;326(21):2205. doi:10.1001/jama.2021.16762

Clinical Update on Novel Lipid-Lowering Therapies to Reduce Cardiovascular Risk

Kausik K. Ray, MD; R. Scott Wright, MD

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

JAMA. 2021;326(21):2205. doi:10.1001/jama.2021.17992

Clinical Update on Novel Lipid-Lowering Therapies to Reduce Cardiovascular Risk—Reply

John T. Wilkins, MD, MS; Donald M. Lloyd-Jones, MD, ScM

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

JAMA. 2021;326(21):2205-2206. doi:10.1001/jama.2021.17980

A Review of Chronic Pelvic Pain in Women

Amelia K. Mardon, BMedSci; Hayley B. Leake, BPhysio; K. Jane Chalmers, PhD

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

JAMA. 2021;326(21):2206. doi:10.1001/jama.2021.17977

A Review of Chronic Pelvic Pain in Women

Tushar Garg, MD; Apurva Shrigirwar, MD

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

JAMA. 2021;326(21):2206-2207. doi:10.1001/jama.2021.17986

A Review of Chronic Pelvic Pain in Women

Peter Petros, DSc, DS, PhD, MD; Michael Swash, MD; Jacob Bornstein, MD, PhD

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

JAMA. 2021;326(21):2207. doi:10.1001/jama.2021.17983

A Review of Chronic Pelvic Pain in Women—Reply

Georgine Lamvu, MD, MPH; Chensi Ouyang, MD; Andrea Rapkin, MD

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

JAMA. 2021;326(21):2207-2208. doi:10.1001/jama.2021.17989

Correction

Misspelled Surname

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

FREE JAMA. 2021;326(21):2208. doi:10.1001/jama.2021.20219

JAMA Masthead

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FREE JAMA. 2021;326(21):2105-2106. doi:10.1001/jama.2020.18251



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December 14; 326 (22): 2239-2339



December 14, 2021, Vol 326, No. 22, Pages 2239-2339

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Audio Highlights

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JAMA. 2021;326(22):e2018265. doi:10.1001/jama.2020.18265



Audio Editors' Summary: Intravenous or Intraosseous Calcium for Out-of-Hospital Cardiac Arrest, Closure of Patent Foramen Ovale After Stroke, Clinical Outcomes in Preserved Ratio Impaired Spirometry, and more

Original Investigation

Effect of Intravenous or Intraosseous Calcium vs Saline on Return of Spontaneous Circulation in Adults With Out-of-Hospital Cardiac Arrest: A Randomized Clinical Trial

Mikael Fink Vallentin, MD; Asger Granfeldt, MD, PhD, DMSc; Carsten Meilandt, BSc; et al.

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



JAMA. 2021;326(22):2268-2276. doi:10.1001/jama.2021.20929

This placebo-controlled randomized clinical trial compares administration of calcium vs saline during out-of-hospital cardiac arrest for sustained return of spontaneous circulation in adults.

Heterogeneity of Treatment Effects in an Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale After Stroke

David M. Kent, MD, MS; Jeffrey L. Saver, MD; Scott E. Kasner, MD; et al.

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



CME

JAMA. 2021;326(22):2277-2286. doi:10.1001/jama.2021.20956

This study evaluates heterogeneity of treatment effect (HTE) of patent foramen ovale (PFO) closure on stroke recurrence based on the Risk of Paradoxical Embolism and PFO-Associated Stroke Causal Likelihood scoring systems using individual patient data pooled from 6 randomized clinical trials (RCTs) that compared PFO closure plus medical therapy vs medical therapy alone in patients with PFO-associated stroke.

Editorial

Patent Foramen Ovale Closure—Harnessing Clinical Trial Evidence to Inform Individualized Treatment Decisions

Robert W. Yeh, MD, MSc; Doreen DeFaria Yeh, MD

Association Between Preserved Ratio Impaired Spirometry and Clinical Outcomes in US Adults

Emily S. Wan, MD, MPH; Pallavi Balte, MBBS, PhD; Joseph E. Schwartz, PhD; et al.

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



CME

JAMA. 2021;326(22):2287-2298. doi:10.1001/jama.2021.20939

This study of pooled data from 9 US population-based cohorts assessed mortality risk and adverse cardiovascular and respiratory outcomes for chronic lung diseases among adults with normal spirometry vs preserved ratio impaired spirometry.

Research Letter

Association of Social Risk Factors With Home Dialysis and Kidney Transplant Rates in Dialysis Facilities

Rebecca Thorsness, PhD; Virginia Wang, PhD; Rachel E. Patzer, PhD, MPH; et al.

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

JAMA. 2021;326(22):2323-2325. doi:10.1001/jama.2021.18372

This study examines rates of home dialysis and transplant at dialysis facilities that serve patients with high social risk to understand how they fare under the End-Stage Renal Disease Treatment Choices Model.

Frequency and Duration of Boarding for Pediatric Mental Health Conditions at Acute Care Hospitals in the US

JoAnna K. Leyenaar, MD, PhD, MPH; Seneca D. Freyleue, MS; Amy Bordogna, MPH; et al.

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

FREE JAMA. 2021;326(22):2326-2328. doi:10.1001/jama.2021.18377

This study estimates the frequency and duration of boarding for pediatric mental health conditions at US acute care hospitals and describes hospital resources available to support youths during boarding.

Viewpoint

Pediatric COVID-19 Vaccines: What Parents, Practitioners, and Policy Makers Need to Know

William J. Moss, MD, MPH; Lawrence O. Gostin, JD; Jennifer B. Nuzzo, DrPH, SM

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

FREE JAMA. 2021;326(22):2257-2258. doi:10.1001/jama.2021.20734

This Viewpoint discusses the Food and Drug Administration granting Emergency Use Authorization of the mRNA COVID-19 vaccine BNT162b2 for children aged 5 to 11 years and the role that will play in keeping children, schools, and communities safe.

Incentivizing a New Culture of Data Stewardship: The NIH Policy for Data Management and Sharing

Lyric A. Jorgenson, PhD; Carrie D. Wolinetz, PhD; Francis S. Collins, MD, PhD

Abstract | **Full Text**

JAMA. 2021;326(22):2259-2260. doi:10.1001/jama.2021.20489

This Viewpoint cites the data collaboration during the COVID-19 pandemic as an example of unprecedented vaccine results and points to the NIH's Policy for Data Management and Sharing to foster shared data as a routine part of grant applications.

Contextualizing Risk Among Patients With Heart Failure

Stephen J. Greene, MD; Javed Butler, MD, MPH, MBA; Gregg C. Fonarow, MD

Abstract | **Full Text**

JAMA. 2021;326(22):2261-2262. doi:10.1001/jama.2021.20739

This Viewpoint frames the clinical event risk for heart failure in the context of the approach used in the 2018 ACC/AHA cholesterol guidelines.

A Piece of My Mind

The Hardest Thing

Vidya Bhavani Viswanathan, MD

Abstract | **Full Text**

FREE *JAMA*. 2021;326(22):2263-2264. doi:10.1001/jama.2021.21545

In this narrative medicine essay, a pediatrician who learned the hard secrets of breastfeeding after the birth of her twins shares how her experience transformed her approach to new parents by acknowledging the difficulty and helping them find support.

Patent Foramen Ovale Closure—Harnessing Clinical Trial Evidence to Inform Individualized Treatment Decisions

Robert W. Yeh, MD, MSc; Doreen DeFaria Yeh, MD

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

JAMA. 2021;326(22):2265-2267. doi:10.1001/jama.2021.21317

Review

Diagnosis and Management of Acute Appendicitis in Adults: A Review

Dimitrios Moris, MD, MSc, PhD; Erik Karl Paulson, MD; Theodore N. Pappas, MD

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

 CME  *JAMA*. 2021;326(22):2299-2311. doi:10.1001/jama.2021.20502

This narrative review summarizes current understanding of the pathophysiology, diagnosis, and management of acute appendicitis, especially comparing antibiotics-only vs surgical approaches to management.



Audio Clinical Review: Current Management of Acute Appendicitis: Antibiotics or Surgical Intervention

JAMA Guide to Statistics and Methods

Heterogeneity of Treatment Effect: Estimating How the Effects of Interventions Vary Across Individuals

Derek C. Angus, MD, MPH; Chung-Chou H. Chang, PhD

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

JAMA. 2021;326(22):2312-2313. doi:10.1001/jama.2021.20552

This Guide to Statistics and Methods discusses the various approaches to estimating variability in treatment effects, including heterogeneity of treatment effect, which was used to assess the association between surgery to close patent foramen ovale and risk of recurrent stroke in patients who presented with a stroke in a related *JAMA* article.

JAMA Clinical Challenge

Erythematous Papules and Hemorrhagic Vesicles in a Woman With Arthralgias and Eye Pain

Lindsey West, MD; Sung Kyung Cho, BA; Cristina Thomas, MD

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



CME

JAMA. 2021;326(22):2314-2315. doi:10.1001/jama.2021.18708

A 48-year-old woman with diet-controlled diabetes had extremity arthralgias, a purpuric rash and foot paresthesias, and eye pain and redness. Vital signs and results of laboratory testing including direct immunofluorescence were unremarkable; skin biopsy showed leukocytoclasia, erythrocytic extravasation, and fibrin in small blood vessel walls. What is the diagnosis and what would you do next?

Medical News & Perspectives

COVID-19 Vaccine Makers Plan for Annual Boosters, but It's Not Clear They'll Be Needed

Rita Rubin, MA

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



JAMA. 2021;326(22):2247-2249. doi:10.1001/jama.2021.21291

This Medical News feature examines whether it's likely that repeated COVID-19 vaccine boosters will be needed to maintain protection against SARS-CoV-2.



JAMA Medical News Audio: December 2021 Medical News Summary

News From the Centers for Disease Control and Prevention

Cancer Care Creates Substantial Costs for US Patients

Bridget M. Kuehn, MSJ

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



JAMA. 2021;326(22):2251. doi:10.1001/jama.2021.21119

Delta Variant Wasn't Linked With More Severe Disease

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;326(22):2251. doi:10.1001/jama.2021.21803

Biotech Innovations

Data Emerge From the UK's COVID-19 Vaccine Extended Dosing Interval

Jennifer Abbasi

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FREE JAMA. 2021;326(22):2250. doi:10.1001/jama.2021.21963

COVID-19 Vaccine Combination Was Superior in Real-world Study

Jennifer Abbasi

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

FREE JAMA. 2021;326(22):2250. doi:10.1001/jama.2021.21715

Immunocompromised Patients With COVID-19 Receive Interferon Gamma

Jennifer Abbasi

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

FREE JAMA. 2021;326(22):2250. doi:10.1001/jama.2021.21964

The Arts and Medicine

The Legacy of James McCune Smith, MD—The First US Black Physician

Neil Krishan Aggarwal, MD, MBA

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

JAMA. 2021;326(22):2245-2246. doi:10.1001/jama.2021.18511

This Arts and Medicine feature surveys the life and scholarship of James McCune Smith, MD, a 19th-century New York physician who cared for poor individuals, debunked pseudoscience justifying racism, and published broadly in medicine and public health.

Poetry and Medicine

In a Dark Wood

Michael Wynn, DO

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

 JAMA. 2021;326(22):2335. doi:10.1001/jama.2021.16490

JAMA Revisited

Myth and Mumpsimus in Medicine

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 JAMA. 2021;326(22):2336. doi:10.1001/jama.2020.18266

JAMA Patient Page

Acute Appendicitis

Kristin Walter, MD, MS

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

  JAMA. 2021;326(22):2339. doi:10.1001/jama.2021.20410

This JAMA Patient Page describes the causes, symptoms, diagnosis, and treatment options for uncomplicated and complicated acute appendicitis.



Audio Clinical Review: Current Management of Acute Appendicitis: Antibiotics or Surgical Intervention

Comment & Response

Sedation and Ventilator Liberation Protocol vs Usual Care and Duration of Invasive Ventilation in Pediatric Intensive Care Units

Nobuyuki Nosaka, MD, PhD; Takahiro Masuda, MD

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

JAMA. 2021;326(22):2328-2329. doi:10.1001/jama.2021.17728

Sedation and Ventilator Liberation Protocol vs Usual Care and Duration of Invasive Ventilation in Pediatric Intensive Care Units—Reply

Bronagh Blackwood, PhD; Daniel F. McAuley, MD; Mark J. Peters, PhD

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

JAMA. 2021;326(22):2329. doi:10.1001/jama.2021.17731

Active vs Expectant Management of Persisting Pregnancy of Unknown Location

Jian-Rong He, MD; Hui-Yun Xiao, MD; Xiu Qiu, PhD

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

JAMA. 2021;326(22):2329-2330. doi:10.1001/jama.2021.18405

Active vs Expectant Management of Persisting Pregnancy of Unknown Location—Reply

Kurt T. Barnhart, MD, MSCE; Anne Z. Steiner, MD; Karl R. Hansen, MD, PhD

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

JAMA. 2021;326(22):2330. doi:10.1001/jama.2021.18402

Nicotine Pouch Unit Sales in the US From 2016 to 2020

Mary Hrywna, PhD, MPH; M. Jane Lewis, DrPH; Pamela M. Ling, MD, MPH

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

JAMA. 2021;326(22):2330-2331. doi:10.1001/jama.2021.19059

Nicotine Pouch Unit Sales in the US From 2016 to 2020—Reply

Kristy Marynak, MPP; Sherry Emery, PhD; Brian A. King, PhD, MPH

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

JAMA. 2021;326(22):2331. doi:10.1001/jama.2021.19056

Slower vs Faster Intravenous Fluid Bolus Rates and Mortality in Critically Ill Patients

Xavier Chapalain, MD; Olivier Huet, MD, PhD

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

JAMA. 2021;326(22):2331-2332. doi:10.1001/jama.2021.18542

Slower vs Faster Intravenous Fluid Bolus Rates and Mortality in Critically Ill Patients—Reply

Fernando G. Zampieri, MD, PhD; Alexandre B. Cavalcanti, MD, PhD

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

JAMA. 2021;326(22):2332. doi:10.1001/jama.2021.18545

Correction

Erroneous Terminology in Review

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

FREE JAMA. 2021;326(22):2333. doi:10.1001/jama.2021.21381

Incorrect Wording in 2 Places

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

FREE JAMA. 2021;326(22):2333. doi:10.1001/jama.2021.21529

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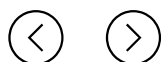
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December 21; 326 (23): 2347-2444



December 21, 2021, Vol 326, No. 23, Pages 2347-2444

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JAMA. 2021;326(23):e2018277. doi:10.1001/jama.2020.18277



Audio Editors' Summary: Maintenance Infliximab for Immune-Mediated Inflammatory Diseases, Omega-3 Fatty Acids for Depression, DOACs and Atrial Fibrillation, and more

Original Investigation

Effect of Therapeutic Drug Monitoring vs Standard Therapy During Maintenance Infliximab Therapy on Disease Control in Patients With Immune-Mediated Inflammatory Diseases: A Randomized Clinical Trial

Silje Watterdal Syversen, MD, PhD; Kristin Kaasen Jørgensen, MD, PhD; Guro Løvik Goll, MD, PhD; et al.

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

 CME JAMA. 2021;326(23):2375-2384. doi:10.1001/jama.2021.21316

This randomized clinical trial assesses the effect of therapeutic drug monitoring vs standard therapy on sustained disease control without disease worsening among patients with immune-mediated inflammatory diseases (rheumatoid arthritis, spondyloarthritis, psoriatic arthritis, ulcerative colitis, Crohn disease, or psoriasis) undergoing maintenance therapy with infliximab.

Editorial

Therapeutic Drug Monitoring for Immune-Mediated Inflammatory Diseases

Zachary S. Wallace, MD, MSc; Jeffrey A. Sparks, MD, MMSc

Effect of Long-term Supplementation With Marine Omega-3 Fatty Acids vs Placebo on Risk of Depression or Clinically Relevant Depressive Symptoms and on Change in Mood Scores: A Randomized Clinical Trial

Olivia I. Okereke, MD, SM; Chirag M. Vyas, MBBS, MPH; David Mischoulon, MD, PhD; et al.

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

 CME JAMA. 2021;326(23):2385-2394. doi:10.1001/jama.2021.21187

This randomized clinical trial tested the effects of daily omega-3 supplementation vs placebo on depression prevention in older adults without depression.

Association of Rivaroxaban vs Apixaban With Major Ischemic or Hemorrhagic Events in Patients With Atrial Fibrillation

Wayne A. Ray, PhD; Cecilia P. Chung, MD, MPH; C. Michael Stein, MB, ChB; et al.

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

 CME JAMA. 2021;326(23):2395-2404. doi:10.1001/jama.2021.21222

This cohort study assesses major ischemic and hemorrhagic outcomes in Medicare beneficiaries with atrial fibrillation who were treated with rivaroxaban compared with apixaban.

Editorial

Informing the Choice of Direct Oral Anticoagulant Therapy in Patients With Atrial Fibrillation

Enrico G. Ferro, MD; Dhruv S. Kazi, MD, MSc, MS; Peter J. Zimetbaum, MD

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Research Letter

NIH Diversity Supplement Awards by Year and Administering Institute

Katherine A. Hill, BA, BS; Mayur M. Desai, PhD, MPH; Sarwat I. Chaudhry, MD; et al.

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

JAMA. 2021;326(23):2427-2429. doi:10.1001/jama.2021.19360

This study charts the use of the National Institutes of Health's diversity supplements, grant enhancement awards designed to provide research opportunities to individuals from underrepresented racial or ethnic groups, since the program's inception in 1989.

Cigar Sales in Convenience Stores in the US, 2009-2020

Cristine D. Delnevo, PhD, MPH; Erin Miller Lo, MPH; Daniel P. Giovenco, PhD, MPH; et al.

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

JAMA. 2021;326(23):2429-2432. doi:10.1001/jama.2021.19692

This study uses Nielsen Company data for cigar sales to describe trends and patterns in sales of flavored cigars and cigars sold in small pack sizes in US convenience stores from 2009 to 2020.

US Preventive Services Task Force

Actions to Transform US Preventive Services Task Force Methods to Mitigate Systemic Racism in Clinical Preventive Services

US Preventive Services Task Force

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

FREE JAMA. 2021;326(23):2405-2411. doi:10.1001/jama.2021.17594

This US Preventive Services (USPSTF) Policy Report describes strategies developed by the USPSTF to mitigate the influence of systemic racism in its recommendations and to promote health equity in preventive services.

Editorial

JAMA and the US Preventive Services Task Force

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

Addressing Racism in Preventive Services: Methods Report to Support the US Preventive Services Task Force

Jennifer S. Lin, MD; Lynn Hoffman, MPH; Sarah I. Bean, MPH; et al.

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

FREE JAMA. 2021;326(23):2412-2420. doi:10.1001/jama.2021.17579

This Methods Report from the US Preventive Services Task Force (USPSTF) summarizes definitional and conceptual issues around racism and health inequity and describes how racism and health inequities are currently addressed in preventive health.

Editorial

JAMA and the US Preventive Services Task Force

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

Viewpoint

Heterogeneous State Cannabis Policies: Potential Implications for Patients and Health Care Professionals

Michael A. Incze, MD, MEd; A. Taylor Kelley, MD, MPH, MSc; Phillip M. Singer, PhD, MHSA

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

JAMA. 2021;326(23):2363-2364. doi:10.1001/jama.2021.21182

This Viewpoint discusses how the varied and fragmented policies and sources of information about cannabis use in the US can lead to confusion among patients and clinicians.

The Growing Phenomenon of “Virtual-First” Primary Care

David C. Whitehead, MD; Ateev Mehrotra, MD

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

JAMA. 2021;326(23):2365-2366. doi:10.1001/jama.2021.21169

This Viewpoint discusses the potential benefits and risks of emerging health plan models in which patients receive most of their primary care needs via telehealth services instead of in-person physician visits.

The 2021 Medicare Advantage Hospice Carve-In

Claire K. Ankuda, MD, MPH; R. Sean Morrison, MD; Melissa D. Aldridge, PhD

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

JAMA. 2021;326(23):2367-2368. doi:10.1001/jama.2021.21161

This Viewpoint summarizes some of the concerns and outlines the possible implications of the Medicare Advantage hospice carve-in for end-of-life care if existing trends continue.

A Piece of My Mind

Practicing With Memories

Robert E. Johnstone, MD

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

FREE *JAMA*. 2021;326(23):2369. doi:10.1001/jama.2021.22113

In this narrative medicine essay, an anesthesiologist shares stories, memories conjured when passing sites in the hospital—the room where his first wife died or the room where his grandson was born—reliving moments of sorrow, moments of joy, moments of learning.

Editorial

Therapeutic Drug Monitoring for Immune-Mediated Inflammatory Diseases

Zachary S. Wallace, MD, MSc; Jeffrey A. Sparks, MD, MMSc

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

JAMA. 2021;326(23):2370-2372. doi:10.1001/jama.2021.21315

Informing the Choice of Direct Oral Anticoagulant Therapy in Patients With Atrial Fibrillation

Enrico G. Ferro, MD; Dhruv S. Kazi, MD, MSc, MS; Peter J. Zimetbaum, MD

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

JAMA. 2021;326(23):2372-2374. doi:10.1001/jama.2021.21305

JAMA Insights

Women's Health

Assessment of the Safety of Common Medications Used During Pregnancy

Carolynn Dude, MD, PhD; Denise J. Jamieson, MD, MPH

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

 *JAMA*. 2021;326(23):2421-2422. doi:10.1001/jama.2021.20191

This JAMA Insights in the Women's Health series reviews commonly used prescription and over-the-counter products during pregnancy, including safety data, available resources for guidance, and the need for clinicians to counsel patients before pregnancy, when possible, about medication use.



Audio Clinical Review: Medication Safety During Pregnancy

JAMA Diagnostic Test Interpretation

Serologic Testing for Hepatitis B

Maroun M. Sfeir, MD, MPH, MS; Mary Snayd, MD

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

A 27-year-old woman presented with elevated transaminase levels and a positive hepatitis B surface antigen test result. How do you interpret these test results?

Medical News & Perspectives

After 12 Years, NIH Director Francis S. Collins Seeks His Next Chapter

Jennifer Abbasi

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

 JAMA. 2021;326(23):2349-2352. doi:10.1001/jama.2021.20987

This Medical News article is an interview with physician-geneticist Francis S. Collins, MD, PhD, as he ends his historic tenure as director of the National Institutes of Health.



JAMA Medical News Audio: After 12 Years, NIH Director Francis S. Collins, MD, PhD, Seeks His Next Chapter

News From the Food and Drug Administration

Virtual Reality Device Is Authorized to Relieve Back Pain

Rita Rubin, MA

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

 JAMA. 2021;326(23):2354. doi:10.1001/jama.2021.22223

Supporting the Use of At-Home COVID-19 Testing

Rita Rubin, MA

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

 JAMA. 2021;326(23):2354. doi:10.1001/jama.2021.21933

New Treatment for Rare Blood Disorder

Rita Rubin, MA

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

FREE JAMA. 2021;326(23):2354. doi:10.1001/jama.2021.22226

Global Health

New Pledges to Create More Climate-Resilient Health Systems

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;326(23):2353. doi:10.1001/jama.2021.21664

Vaccination Doesn't Eliminate Delta Variant Household Transmission

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;326(23):2353. doi:10.1001/jama.2021.22316

Guinea Worm Disease Eradication Is Within Reach

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;326(23):2353. doi:10.1001/jama.2021.22317

Poetry and Medicine

Gerdy's Tubercle

Susan F. Glassmeyer, BS

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

FREE JAMA. 2021;326(23):2439. doi:10.1001/jama.2021.19689

JAMA Revisited

Shall the Calories Be Forgotten?

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

FREE JAMA. 2021;326(23):2440. doi:10.1001/jama.2020.18278

JAMA Patient Page

What Is Insomnia?

Andrew D. Krystal, MD, MS; Liza H. Ashbrook, MD; Aric A. Prather, PhD

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

FREE JAMA. 2021;326(23):2444. doi:10.1001/jama.2021.19283

This JAMA Patient Page describes short-term and chronic insomnia, risk factors for insomnia, and treatment options.

Comment & Response

Healing and Health Equity for Asian American, Native Hawaiian, and Pacific Islander Populations

Kekoa Taparra, MD, PhD; Michael Harding, MD; Curtiland Deville, MD

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

JAMA. 2021;326(23):2432-2433. doi:10.1001/jama.2021.19243

Healing and Health Equity for Asian American, Native Hawaiian, and Pacific Islander Populations—Reply

Howard K. Koh, MD, MPH; Juliet K. Choi, JD; Jeffrey B. Caballero, MPH

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

JAMA. 2021;326(23):2433. doi:10.1001/jama.2021.19240

Legalization of Psychedelic Substances

Mason Marks, MD, JD

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

Legalization of Psychedelic Substances

Michael D. Alpert, MD

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

JAMA. 2021;326(23):2434. doi:10.1001/jama.2021.19369

Legalization of Psychedelic Substances

Luke A. Downey, PhD; Jerome Sarris, PhD; Daniel Perkins, PhD

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

JAMA. 2021;326(23):2434-2435. doi:10.1001/jama.2021.19372

Legalization of Psychedelic Substances—Reply

William R. Smith, MD, PhD; Paul S. Appelbaum, MD

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

JAMA. 2021;326(23):2435-2436. doi:10.1001/jama.2021.19363

A Review of Pancreatic Cancer

John P. Neoptolemos, MD; Christoph Springfeld, MD; Thilo Hackert, MD

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

JAMA. 2021;326(23):2436. doi:10.1001/jama.2021.20065

A Review of Pancreatic Cancer—Reply

Wungki Park, MD; Akhil Chawla, MD; Eileen M. O'Reilly, MD

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

JAMA. 2021;326(23):2436-2437. doi:10.1001/jama.2021.20068

Correction

Incorrect Recommendation Wording in Figure

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2021

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December 28; 326 (24): 2451-2541



December 28, 2021, Vol 326, No. 24, Pages 2451-2541

In This Issue of JAMA

Audio Highlights

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JAMA. 2021;326(24):e2018289. doi:10.1001/jama.2020.18289



Audio Editors' Summary: Minimally Invasive Surfactant Therapy for Preterm Infants, First Attempt Intubation in Critically Ill Patients, Prevalence and Treatment of Diabetes in China, and more

Original Investigation

Effect of Minimally Invasive Surfactant Therapy vs Sham Treatment on Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome: The OPTIMIST-A Randomized Clinical Trial

Peter A. Dargaville, MD; C. Omar F. Kamlin, DMedSci; Francesca Orsini, MSc; et al.

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



JAMA. 2021;326(24):2478-2487. doi:10.1001/jama.2021.21892

This randomized clinical trial includes preterm infants with a gestational age of 25 to 28 weeks who were supported with continuous positive airway pressure and compares the effect of selective application of minimally invasive surfactant therapy at a low fraction of inspired oxygen threshold vs control treatment on survival without bronchopulmonary dysplasia.

Editorial

Minimally Invasive Surfactant Therapy to Prevent Bronchopulmonary Dysplasia in Extremely Preterm Infants

Tetsuya Isayama, MD, MSc, PhD

Caring for the Critically Ill Patient

Effect of Use of a Bougie vs Endotracheal Tube With Stylet on Successful Intubation on the First Attempt Among Critically Ill Patients Undergoing Tracheal Intubation: A Randomized Clinical Trial

Brian E. Driver, MD; Matthew W. Semler, MD; Wesley H. Self, MD; et al.

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



JAMA. 2021;326(24):2488-2497. doi:10.1001/jama.2021.22002

This multicenter randomized clinical trial assesses the effect of use of a tracheal tube introducer vs an endotracheal tube with stylet on successful intubation on the first attempt among critically ill adults undergoing tracheal intubation in emergency departments and intensive care units between 2019 and 2021.

Prevalence and Treatment of Diabetes in China, 2013-2018

Limin Wang, MPH; Wen Peng, MD, MPH; Zhenping Zhao, MPH; et al.

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



JAMA. 2021;326(24):2498-2506. doi:10.1001/jama.2021.22208

This cross-sectional nationally representative survey in China estimated trends in prevalence, awareness, treatment, and risk factors of diabetes among patients.

Research Letter

Durability of Antibody Levels After Vaccination With mRNA SARS-CoV-2 Vaccine in Individuals With or Without Prior Infection

Diana Zhong, MD; Shaoming Xiao, MSPH; Amanda K. Debes, PhD, MS; et al.

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



JAMA. 2021;326(24):2524-2526. doi:10.1001/jama.2021.19996

This study examines antibody durability in individuals who received an mRNA SARS-CoV-2 vaccine with prior SARS-CoV-2 infection vs those without infection.

Self-reported Behaviors Regarding Medications to Save Money Among Sexual Minority Adults in the US, 2015-2018

Rishub K. Das, BA; Gilbert Gonzales, PhD, MHA

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

JAMA. 2021;326(24):2526-2529. doi:10.1001/jama.2021.20335

This survey-based study of US adults from gender and sexual minority populations examines self-reported behaviors to save money on prescription medications, including skipping doses, purchasing from other countries, delaying refills, taking less medication, and using alternative therapies.

Place of Birth of Extremely Preterm Infants in Sweden

Mikael Norman, MD, PhD; Christian Gadsbøll, MD; Lars J. Björklund, MD, PhD; et al.

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

JAMA. 2021;326(24):2529-2530. doi:10.1001/jama.2021.21199

This study assesses rates of extremely preterm births (22-26 weeks' gestation) and their outcomes by hospital level of care among all births registered in Sweden from 2014 to 2019.

Diagnostic Excellence

Next-Generation Artificial Intelligence for Diagnosis: From Predicting Diagnostic Labels to “Wayfinding”

Julia Adler-Milstein, PhD; Jonathan H. Chen, MD, PhD; Gurpreet Dhaliwal, MD

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

JAMA. 2021;326(24):2467-2468. doi:10.1001/jama.2021.22396

This Viewpoint explains how artificial intelligence (AI) tools have the potential to do more than predict final diagnostic labels and how AI can help reduce clinician error and more accurately diagnose and manage illness.

Product Approval and Public Health at the US Food and Drug Administration

Peter Lurie, MD, MPH; Joshua M. Sharfstein, MD

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

JAMA. 2021;326(24):2469-2470. doi:10.1001/jama.2021.22354

This Viewpoint discusses the recent FDA-proposed draft guidance on benefit-risk assessment to guide its review of new drug and biological products and how this approach will enhance its mission to protect public health.

Criterion-Based Measurements of Patient Experience in Health Care: Eliminating Winners and Losers to Create a New Moral Ethos

Thom Mayer, MD; Arjun Venkatesh, MD, MBA, MHA; Donald M. Berwick, MD

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

JAMA. 2021;326(24):2471-2472. doi:10.1001/jama.2021.21771

This Viewpoint argues for a change in the assessment of patient experience in health care, moving from norm-based scores and rankings to a criterion-based system with transparent reporting of

results.

A Piece of My Mind

How Pregnancy Unmasked My Internalized Ableism

Megan Winkelman Creasman, MD

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

FREE JAMA. 2021;326(24):2473-2474. doi:10.1001/jama.2021.22116

In this narrative medicine essay, a medical resident while pregnant fearlessly takes care of her physical needs while at work, which taught her to take a more open approach to caring for her physical needs that stem from chronic illness.

Editorial

Minimally Invasive Surfactant Therapy to Prevent Bronchopulmonary Dysplasia in Extremely Preterm Infants

Tetsuya Isayama, MD, MSc, PhD

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

JAMA. 2021;326(24):2475-2476. doi:10.1001/jama.2021.21667

JAMA and the US Preventive Services Task Force

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

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JAMA. 2021;326(24):2477. doi:10.1001/jama.2021.23159

Editorial

JAMA Welcomes the US Preventive Services Task Force

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

Review

Contraception Selection, Effectiveness, and Adverse Effects: A Review

Stephanie Teal, MD, MPH; Alison Edelman, MD, MPH

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



JAMA. 2021;326(24):2507-2518. doi:10.1001/jama.2021.21392

This Review summarizes current evidence regarding the efficacy, adverse effects, and optimal selection of reversible contraceptives, including oral contraceptive pills, intrauterine devices and subdermal implants, and condoms.



Audio Clinical Review: Contraceptive Selection: Incorporating Patient Health, Values, and Preferences

JAMA Clinical Guidelines Synopsis

Management of Gout

Irsk J. Anderson, MD; Andrew M. Davis, MD, MPH; Reem H. Jan, MBBS

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

JAMA. 2021;326(24):2519-2520. doi:10.1001/jama.2021.19763

This JAMA Clinical Guidelines Synopsis summarizes the American College of Rheumatology's 2020 guideline for the management of gout.

From The Medical Letter on Drugs and Therapeutics

Two New Pneumococcal Vaccines—Pevnar 20 and Vaxneuvance

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

JAMA. 2021;326(24):2521-2522. doi:10.1001/jama.2021.22119

This Medical Letter review summarizes Pevnar 20 and Vaxneuvance, 2 new pneumococcal conjugate vaccines for the prevention of invasive pneumococcal disease in adults.

Medical News & Perspectives

JAMA Network Journals' Articles of the Year 2021

Jennifer Abbasi

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

  JAMA. 2021;326(24):2456-2459. doi:10.1001/jama.2021.21479

This Medical News article is our fifth-annual roundup of the top-viewed articles from each of the JAMA Network Journals.

Omicron Has Reached the US—Here's What Infectious Disease Experts Know About the Variant

Jennifer Abbasi

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

   JAMA. 2021;326(24):2460-2462. doi:10.1001/jama.2021.22619

This Medical News article on Omicron, the newest SARS-CoV-2 variant of concern, is adapted from a JAMA video interview recorded on December 1, 2021.



Audio Author Interview: COVID-19 Update: Omicron Variant

News From the Centers for Disease Control and Prevention

New Plans Focus on Health Care Workers' Mental Health

Bridget M. Kuehn, MSJ

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

 JAMA. 2021;326(24):2465. doi:10.1001/jama.2021.22042

Influenza Vaccination Increased During the COVID-19 Pandemic

Bridget M. Kuehn, MSJ

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

 JAMA. 2021;326(24):2465. doi:10.1001/jama.2021.22390

Clinical Trials Update

Semaglutide's Weight-Loss Benefits Were Sustained in a 2-Year Study

Anita Slomski

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JAMA. 2021;326(24):2464. doi:10.1001/jama.2021.21717

More Pediatric Data for First Cell-Derived Influenza Vaccine

Anita Slomski

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JAMA. 2021;326(24):2464. doi:10.1001/jama.2021.22774

Tirzepatide Tested for Type 2 Diabetes With High Cardiovascular Risk

Anita Slomski

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JAMA. 2021;326(24):2464. doi:10.1001/jama.2021.22775

Primary Care-Delivered Cognitive Behavioral Therapy for Chronic Pain

Anita Slomski

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JAMA. 2021;326(24):2464. doi:10.1001/jama.2021.22776

Health Agencies Update

Autopsies Reveal Lung Damage Patterns From COVID-19

Melissa Suran, PhD, MSJ

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FREE JAMA. 2021;326(24):2463. doi:10.1001/jama.2021.22070

Suicide Risk Varies With Demographics and Sexual Orientation

Melissa Suran, PhD, MSJ

Abstract | **Full Text**

FREE JAMA. 2021;326(24):2463. doi:10.1001/jama.2021.22838

Expanding Localized Outreach to Combat COVID-19

Melissa Suran, PhD, MSJ

Abstract | **Full Text**

FREE JAMA. 2021;326(24):2463. doi:10.1001/jama.2021.22839

The Arts and Medicine

Graphic Medicine—The Best of 2021

Michael J. Green, MD, MS; Brian Callender, MD

Abstract | **Full Text**

JAMA. 2021;326(24):2453-2455. doi:10.1001/jama.2021.21248

This Arts and Medicine feature reviews 2 outstanding graphic novels of 2021: *Coma* by Zara Slattery, about the author's delirium while being treated for streptococcal sepsis and multiorgan failure, and *Parenthesis* by Élodie Durand, about her experience with tumor-induced seizures.

Poetry and Medicine

Follow-up

Marjorie Maddox, MFA

Abstract | **Full Text**

FREE JAMA. 2021;326(24):2537. doi:10.1001/jama.2021.19738

JAMA Revisited

Economy in Wonderland

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FREE JAMA. 2021;326(24):2538. doi:10.1001/jama.2020.18290

JAMA Patient Page

What Is Gout?

Kevin Yip, MD; Jessica Berman, MD

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

FREE JAMA. 2021;326(24):2541. doi:10.1001/jama.2021.19770

This JAMA Patient Page describes the causes, symptoms, diagnosis, and treatment of gout.

Comment & Response

Association of Cognitive Decline With Anesthesia and Surgery in Older Patients

Kotaro Kida, MD, PhD; Tomohiko Sato, MD, PhD; Tsunehisa Tsubokawa, MD, PhD

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

JAMA. 2021;326(24):2530-2531. doi:10.1001/jama.2021.20282

Association of Cognitive Decline With Anesthesia and Surgery in Older Patients—Reply

Susana Vacas, MD, PhD; Daniel J. Cole, MD; Maxime Cannesson, MD, PhD

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

JAMA. 2021;326(24):2531. doi:10.1001/jama.2021.20285

Crystalloid Composition and Rate of Fluid Administration When Resuscitating Patients in the Intensive Care Unit

Simon Finfer, DrMed; Fernando G. Zampieri, MD, PhD; Paul J. Young, PhD

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

Editorial

Does Crystalloid Composition or Rate of Fluid Administration Make a Difference When Resuscitating Patients in the ICU?

Michael J. Connor Jr, MD; Craig M. Coopersmith, MD



Audio Clinical Review: Managing Fluids in Critically Ill Patients

Crystalloid Composition and Rate of Fluid Administration When Resuscitating Patients in the Intensive Care Unit—Reply

Craig M. Coopersmith, MD; Michael J. Connor Jr, MD

Abstract | Full Text

JAMA. 2021;326(24):2532-2533. doi:10.1001/jama.2021.20276

Editorial

Does Crystalloid Composition or Rate of Fluid Administration Make a Difference When Resuscitating Patients in the ICU?

Michael J. Connor Jr, MD; Craig M. Coopersmith, MD



Audio Clinical Review: Managing Fluids in Critically Ill Patients

Private Equity and Health Care Delivery

Diane E. Meier, MD

Abstract | Full Text

JAMA. 2021;326(24):2533-2534. doi:10.1001/jama.2021.20437

Private Equity and Health Care Delivery

Join Y. Luh, MD; Eric R. Hansen, DO; Sean Liston, MD

Abstract | Full Text

JAMA. 2021;326(24):2534. doi:10.1001/jama.2021.20431

Private Equity and Health Care Delivery—Reply

Brian W. Powers, MD, MBA; William H. Shrank, MD, MHSA; Amol S. Navathe, MD, PhD

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

JAMA. 2021;326(24):2534-2535. doi:10.1001/jama.2021.20434

Correction

Two Incorrect Sentences

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FREE JAMA. 2021;326(24):2535. doi:10.1001/jama.2021.21321

Editorial

Does Crystalloid Composition or Rate of Fluid Administration Make a Difference When Resuscitating Patients in the ICU?

Michael J. Connor Jr, MD; Craig M. Coopersmith, MD



Audio Clinical Review: Managing Fluids in Critically Ill Patients

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FREE JAMA. 2021;326(24):2451-2452. doi:10.1001/jama.2020.18287



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December; 181 (12): 1554-1684



December 2021, Vol 181, No. 12, Pages 1554-1684

Viewpoint

FDA Drug Approval and the Ethics of Desperation

Emily A. Largent, JD, PhD, RN; Andrew Peterson, PhD; Holly Fernandez Lynch, JD, MBE

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

JAMA Intern Med. 2021;181(12):1555-1556. doi:10.1001/jamainternmed.2021.6045

This Viewpoint uses the accelerated approval of aducanumab to treat Alzheimer disease to discuss what role patient desperation should play in the FDA's decision-making.

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Original Investigation

Association of Statin Therapy Initiation With Diabetes Progression: A Retrospective Matched-Cohort Study

Ishak A. Mansi, MD; Matthieu Chansard; Ildiko Lingvay, MD, MPH, MSCS; et al.

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

JAMA Intern Med. 2021;181(12):1562-1574. doi:10.1001/jamainternmed.2021.5714

This national matched-cohort study explores the association between statin therapy initiation and progression of diabetes among patients with diabetes.

Assessment of Nonfatal Myocardial Infarction as a Surrogate for All-Cause and Cardiovascular Mortality in Treatment or Prevention of Coronary Artery Disease: A Meta-analysis of Randomized Clinical Trials

Kevin O'Fee, MD; Elena Deych, MS; Oriana Ciani, PhD; et al.

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

JAMA Intern Med. 2021;181(12):1575-1587. doi:10.1001/jamainternmed.2021.5726

This meta-analysis of randomized clinical trials examines the use of myocardial infarction as a surrogate for all-cause or cardiovascular mortality in patients with or at risk for cardiovascular disease.

Editor's Note

Nonfatal Myocardial Infarction—Poor Surrogate for Mortality

Mithi del Rosario, MD; Vinay Guduguntla, MD; Tracy Y. Wang, MD, MHS, MSc

Association Between Risk of COVID-19 Infection in Nonimmune Individuals and COVID-19 Immunity in Their Family Members

Peter Nordström, MD, PhD; Marcel Ballin, MSc; Anna Nordström, MD, PhD

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



JAMA Intern Med. 2021;181(12):1589-1595. doi:10.1001/jamainternmed.2021.5814

This cohort study examines the spread of COVID-19 infection within family members living in the same residence with different levels of immunity.

Real-world Use of and Spending on New Oral Targeted Cancer Drugs in the US, 2011-2018

Mengyuan Fu, PhD; Huseyin Naci, MHS, PhD; Christopher M. Booth, MD; et al.

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

JAMA Intern Med. 2021;181(12):1596-1604. doi:10.1001/jamainternmed.2021.5983

This cross-sectional examines the use of and spending on oral cancer drugs by the level of benefit shown in randomized clinical trials.

Health Care Policy and Law

Patient and Payer Incentives to Use Patented Brand-Name Drugs vs Authorized Generic Drugs in Medicare Part D

Stacie B. Dusetzina, PhD; Ameet Sarpatwari, PhD, JD; Michael A. Carrier, JD; et al.

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

JAMA Intern Med. 2021;181(12):1605-1611. doi:10.1001/jamainternmed.2021.5997

This cross-sectional study of Medicare Prescription Drug Plan Formulary and Pricing Information Files and Medicare Part D plan enrollment assessed examined coverage for 4 brand-name insulin drugs and direct-acting antiviral agents and their authorized generic formulations.

Efficacy and Safety of Therapeutic-Dose Heparin vs Standard Prophylactic or Intermediate-Dose Heparins for Thromboprophylaxis in High-risk Hospitalized Patients With COVID-19: The HEP-COVID Randomized Clinical Trial

Alex C. Spyropoulos, MD; Mark Goldin, MD; Dimitrios Giannis, MD, MSc; et al.

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

  *JAMA Intern Med.* 2021;181(12):1612-1620. doi:10.1001/jamainternmed.2021.6203

This randomized clinical trial evaluates the effects of therapeutic-dose low-molecular-weight heparin vs standard prophylactic or intermediate-dose heparins for thromboprophylaxis in high-risk hospitalized patients with COVID-19.



Risk of Guillain-Barré Syndrome Following Recombinant Zoster Vaccine in Medicare Beneficiaries

Ravi Goud, MD, MPH; Bradley Lufkin, MPA, MSES; Jonathan Duffy, MD, MPH; et al.

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



CME *JAMA Intern Med.* 2021;181(12):1623-1630. doi:10.1001/jamainternmed.2021.6227

This case series cohort study examines the association of onset of Guillain-Barré Syndrome following vaccination with the recombinant zoster vaccine in Medicare beneficiaries.

Editorial

Conflicts of Interest and Authors of Commentaries in Medical Journals

Robert Steinbrook, MD; Deborah Grady, MD, MPH; Rita F. Redberg, MD, MSc

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JAMA Intern Med. 2021;181(12):1557-1558. doi:10.1001/jamainternmed.2021.4587

Point-of-Care Ultrasonography: Visually Satisfying Medicine or Evidence-Based Medicine?

Eden Bernstein, MD; Tracy Y. Wang, MD, MHS, MSc

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JAMA Intern Med. 2021;181(12):1558-1559. doi:10.1001/jamainternmed.2021.5831

COVID-19 Messenger RNA Vaccination and Myocarditis—A Rare and Mostly Mild Adverse Effect

Vinay Guduguntla, MD; Mitchell H. Katz, MD

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



JAMA Intern Med. 2021;181(12):1560. doi:10.1001/jamainternmed.2021.5634

Racial and Ethnic Differences in Age at Diabetes Diagnosis—A Call for Action

Anjali Gopalan, MD, MS; Anand R. Habib, MD, MPhil; Richard W. Grant, MD, MPH

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

JAMA Intern Med. 2021;181(12):1560-1561. doi:10.1001/jamainternmed.2021.4949

Invited Commentary

Anticoagulant Therapy in Patients Hospitalized With COVID-19

Lana Wahid, MD; Thomas L. Ortel, MD, PhD

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FREE *JAMA Intern Med.* 2021;181(12):1621-1622. doi:10.1001/jamainternmed.2021.6212

Editor's Note

Nonfatal Myocardial Infarction—Poor Surrogate for Mortality

Mithi del Rosario, MD; Vinay Guduguntla, MD; Tracy Y. Wang, MD, MHS, MSc

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

JAMA Intern Med. 2021;181(12):1588. doi:10.1001/jamainternmed.2021.5713

Appropriate Opioid Prescribing for Acute Pain

Deborah Grady, MD, MPH; Mitchell H. Katz, MD

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

JAMA Intern Med. 2021;181(12):1657-1658. doi:10.1001/jamainternmed.2021.4280

COVID-19 Vaccination Coverage Among Nursing Home Staff

Eric Ward, MD; Kenneth E. Covinsky, MD, MPH

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

FREE *JAMA Intern Med.* 2021;181(12):1672-1673. doi:10.1001/jamainternmed.2021.5897

Teachable Moment

Addressing Biased Patient Behavior: A Teachable Moment

Virginia Sheffield, MD; Luke Fraley, MD; Govind Warriar, MD, MPH

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

JAMA Intern Med. 2021;181(12):1631-1632. doi:10.1001/jamainternmed.2021.5719

This Teachable Moment describes ways to handle biased behavior from patients.

Less Is More

Preoperative Stress Testing Before Elective Arthroplasty: A Teachable Moment

Ravi Chopra, MD, PhD; Kieran Patel, MD; Michael W. Rich, MD

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

JAMA Intern Med. 2021;181(12):1633-1634. doi:10.1001/jamainternmed.2021.5834

This Teachable Moment discusses the role of cardiac stress testing in patients who are undergoing total hip or knee arthroplasty.

Closing the Osteoporosis Care Gap: A Teachable Moment

William K. Silverstein, MD; Jonathan S. Zipursky, MD; Steven Shadowitz, MD, MSc

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

 CME *JAMA Intern Med.* 2021;181(12):1635-1636. doi:10.1001/jamainternmed.2021.5972

This Teachable Moment describes the lack of appropriate treatment for osteoporosis after a patient's initial fragility fracture, which unnecessarily increases the common, costly, and morbid risks of refracture.

Reconsidering Reliance on Confirmatory Drug Testing in a Patient With Repeated Positive Urine Drug Screen Results: A Teachable Moment

Stephanie T. Weiss, MD, PhD; Mark Chinn, MD; Laura Veach, PhD

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

JAMA Intern Med. 2021;181(12):1637-1638. doi:10.1001/jamainternmed.2021.6215

This Teachable Moment illustrates the repercussions of misinterpreted drug testing results and advocates for reconsideration of routine urine drug screening in the absence of other indicators of relapse.

Research Letter

Health Care Policy and Law

Association of State Opioid Prescription Duration Limits With Changes in Opioid Prescribing for Medicare Beneficiaries

John D. Cramer, MD; Vidhya Gunaseelan, MBA, MS, MHA; Hsou Mei Hu, PhD, MBA, MHS; et al.

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

JAMA Intern Med. 2021;181(12):1656-1657. doi:10.1001/jamainternmed.2021.4281

This cohort study uses Medicare Part D data to examine whether there is an association between the implementation of state limits on opioid prescription duration and changes in prescribing.

Editor's Note

Appropriate Opioid Prescribing for Acute Pain

Deborah Grady, MD, MPH; Mitchell H. Katz, MD

Association of the COVID-19 Pandemic With the Prevalence of Homebound Older Adults in the United States, 2011-2020

Claire K. Ankuda, MD, MPH; Bruce Leff, MD; Christine S. Ritchie, MD, MSPH; et al.

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

FREE  CME *JAMA Intern Med.* 2021;181(12):1658-1660. doi:10.1001/jamainternmed.2021.4456

This cohort study evaluates the prevalence of homebound older adults in the US from 2011 to 2020 and assesses whether the COVID-19 pandemic was associated with a change in prevalence.

Association of Vaccine Type and Prior SARS-CoV-2 Infection With Symptoms and Antibody Measurements Following Vaccination Among Health Care Workers

Amanda K. Debes, PhD, MS; Shaoming Xiao, MSPH; Elizabeth Colantuoni, PhD, ScM; et al.

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  CME *JAMA Intern Med.* 2021;181(12):1660-1662. doi:10.1001/jamainternmed.2021.4580

This cohort study evaluates symptoms following vaccination and antibody measurements in hospital workers who received an mRNA SARS-CoV-2 vaccine and had prior SARS-CoV-2 infection.

Financial Associations Between Authors of Commentaries on Randomized Clinical Trials of Invasive Cardiovascular Interventions and Trial Sponsors

Irbaz Hameed, MD; Makoto Mori, MD; Adham Ahmed, BS; et al.

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

JAMA Intern Med. 2021;181(12):1662-1665. doi:10.1001/jamainternmed.2021.4584

This cross-sectional study examines the financial associations between authors of commentaries on randomized clinical trials of invasive cardiovascular interventions and trial sponsors, and whether the financial associations were disclosed.

Editorial

Conflicts of Interest and Authors of Commentaries in Medical Journals

Robert Steinbrook, MD; Deborah Grady, MD, MPH; Rita F. Redberg, MD, MSc

Trends in Breast Cancer Screening Costs Among Privately Insured Women Aged 40 to 64 Years

Ilana B. Richman, MD, MHS; Jessica B. Long, MPH; Natalia Kunst, PhD; et al.

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

JAMA Intern Med. 2021;181(12):1665-1668. doi:10.1001/jamainternmed.2021.4832

This cohort study characterizes changes in breast cancer screening costs as digital breast tomosynthesis has been adopted at both the patient and population levels.

Acute Myocarditis Following COVID-19 mRNA Vaccination in Adults Aged 18 Years or Older

Anthony Simone, MD; John Herald, MD; Aiyu Chen, MPH; et al.

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

FREE *JAMA Intern Med.* 2021;181(12):1668-1670. doi:10.1001/jamainternmed.2021.5511

This cohort study examines the incidence and clinical outcomes of acute myocarditis among adults following mRNA vaccination in an integrated health care system in the US.

Editorial

COVID-19 Messenger RNA Vaccination and Myocarditis—A Rare and Mostly Mild Adverse Effect

Vinay Guduguntla, MD; Mitchell H. Katz, MD

Association of Nursing Home Characteristics With Staff and Resident COVID-19 Vaccination Coverage

Brian E. McGarry, PT, PhD; Karen Shen, PhD; Michael L. Barnett, MD, MS; et al.

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

FREE  CME *JAMA Intern Med.* 2021;181(12):1670-1672. doi:10.1001/jamainternmed.2021.5890

This cross-sectional study examines associations of nursing home characteristics with COVID-19 vaccination rates among nursing home staff and residents.

Editor's Note

COVID-19 Vaccination Coverage Among Nursing Home Staff

Eric Ward, MD; Kenneth E. Covinsky, MD, MPH

Estimated Medicare Spending on Cancer Drug Indications With a Confirmed Lack of Clinical Benefit After US Food and Drug Administration Accelerated Approval

Mahnum Shahzad, BA; Huseyin Naci, MHS, PhD; Anita K. Wagner, PharmD, MPH, DrPH

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

JAMA Intern Med. 2021;181(12):1673-1675. doi:10.1001/jamainternmed.2021.5989

This exploratory study assesses estimated Medicare spending on 10 cancer drug indications that lacked overall survival benefit after receiving US Food and Drug Administration accelerated approval.

Challenges in Clinical Electrocardiography

Two Wrongs Do Not Always Make a Right

Julio Perez-Downes, DO; Fred Kusumoto, MD; Nora Goldschlager, MD

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

JAMA Intern Med. 2021;181(12):1639-1640. doi:10.1001/jamainternmed.2021.4436

This case report describes a patient in their 70s with chest discomfort that was sudden in onset and retrosternal.

Brugada Electrocardiographic Pattern in an Older Man With Syncope

Hong-Li Zhai, MD; Yanhong He, MD

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

JAMA Intern Med. 2021;181(12):1641-1642. doi:10.1001/jamainternmed.2021.4838

This case report presents the electrocardiographic findings in a 61-year-old man who experienced sudden dyspnea and syncope 1 day after benign prostatic hyperplasia surgery.

Wide Complex Tachycardia With Unexpected Break in the Negative QRS Concordance in the Chest Leads: A Manifestation

of the Littmann Concept

János Tomcsányi, MD, PhD; Emil Toldy-Schedel, MD; Péter Arányi, MD, PhD

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JAMA Intern Med. 2021;181(12):1643-1644. doi:10.1001/jamainternmed.2021.5119

This case report presents the electrocardiographic findings in a 74-year-old woman with hypertension who presented with palpitations and chest discomfort and no history of angina, myocardial infarction, or dysrhythmia.

Abnormal Electrocardiograms After Diarrhea and Syncope in the Emergency Department

Guoliang Li, MD, PhD; Xingpu Quan, MBBS; Yang Yan, MD

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JAMA Intern Med. 2021;181(12):1645-1646. doi:10.1001/jamainternmed.2021.5393

This case report presents the electrocardiographic findings for an 80-year-old man who presented to the emergency department with syncope 1 hour prior and severe vomiting and diarrhea over the past 3 days.

Evolution of de Winter Into Wellens on Electrocardiogram—What Happened?

Yuansong Zhu, MD; Suxin Luo, MD, PhD; Bi Huang, MD, PhD

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JAMA Intern Med. 2021;181(12):1647-1649. doi:10.1001/jamainternmed.2021.5734

This case report describes a man in his 50s with an hour of acute, severe precordial chest that was radiating to their left arm, sweating, nausea, and a 5-year history of hypertension.

An Unusual Cause of Complete Atrioventricular Block in a Patient With Pedal Swelling

Hao-Yu Wu, MD; Xi-Ling Shou, MD; Yi-Wei Cao, MD

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This case report presents the electrocardiographic and echocardiographic findings of a patient in their 50s who presented with a 6-month history of pedal swelling and a 2-day history of dyspnea.

Transient ST-Segment Elevation and QTc Interval Prolongation in a Patient With Persistent Chest Pain

Hong-Li Zhai, MD; Yanhong He, MD

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JAMA Intern Med. 2021;181(12):1652-1653. doi:10.1001/jamainternmed.2021.6015

This case report presents the electrocardiographic findings in a patient in their 50s with a history of hypertension who had persistent chest pain and normal vital signs except for elevated blood pressure.

An Underrecognized Cause of Diffuse T-Wave Inversion

Wenbiao Chen, MD; Chuan-Hai Zhang, MD; Wei Yan, MD

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

JAMA Intern Med. 2021;181(12):1654-1655. doi:10.1001/jamainternmed.2021.6388

This case report presents the electrocardiographic findings of a patient in their 40s with a history of hypertension and smoking who presented to the emergency department with sudden-onset palpitations and chest tightness after an argument.

JAMA Internal Medicine Patient Page

I Am Worried About Falling: What Do I Need to Know?

Lauren I. Lederle, MD; Eric Widera, MD

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FREE JAMA Intern Med. 2021;181(12):1684. doi:10.1001/jamainternmed.2021.6175

This Patient Page summarizes prevention techniques for people who are afraid of falling and likely to fall.

Comment & Response

Tachycardia-Dependent Paroxysmal Atrioventricular Block

Laszlo Littmann, MD, PhD

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JAMA Intern Med. 2021;181(12):1675-1676. doi:10.1001/jamainternmed.2021.5965

Tachycardia-Dependent Paroxysmal Atrioventricular Block—Reply

Matthew C. Hyman, MD, PhD; David S. Frankel, MD

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

JAMA Intern Med. 2021;181(12):1676-1677. doi:10.1001/jamainternmed.2021.5962

ST-Segment Depression in V₂ With Precordial Hyperacute T-Waves Is an Anterior ST-Segment Elevation Myocardial Infarction (STEMI) Equivalent

Phillip Rubin, MD; Paul C. Montana, MD

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JAMA Intern Med. 2021;181(12):1677. doi:10.1001/jamainternmed.2021.6178

ST-Segment Depression in V₂ With Precordial Hyperacute T-Waves Is an Anterior ST-Segment Elevation Myocardial Infarction (STEMI) Equivalent—Reply

Anish Kapil, MD; Abhishek Thakur, MD; Satyavir Yadav, MD, DM

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

JAMA Intern Med. 2021;181(12):1677-1678. doi:10.1001/jamainternmed.2021.6181

Association of Cycling With All-Cause and Cardiovascular Disease Mortality Among Persons With Diabetes

Johannes Burtcher, PhD; Grégoire P. Millet, PhD; Martin Burtcher, MD, PhD

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

JAMA Intern Med. 2021;181(12):1678. doi:10.1001/jamainternmed.2021.6275

Editor's Note

Cycling for Health

Rita F. Redberg, MD, MSc; Eric Vittinghoff, PhD; Mitchell H. Katz, MD

Association of Cycling With All-Cause and Cardiovascular Disease Mortality Among Persons With Diabetes—Reply

Mathias Ried-Larsen, PhD; Martin Gillies Rasmussen, PhD; Anders Grøntved, PhD

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JAMA Intern Med. 2021;181(12):1678-1679. doi:10.1001/jamainternmed.2021.6272

Editor's Note

Cycling for Health

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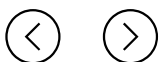
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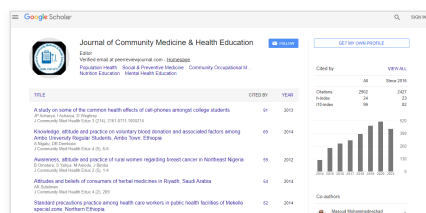
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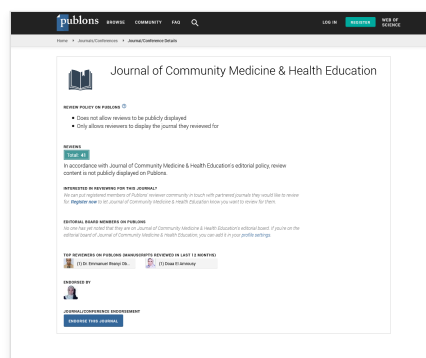
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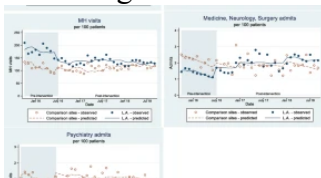
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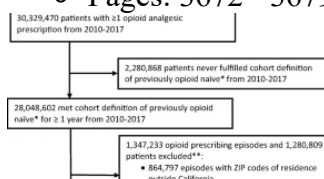
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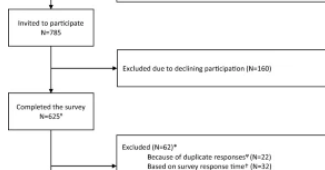
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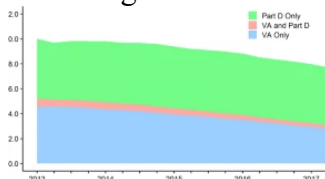
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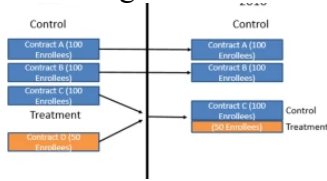
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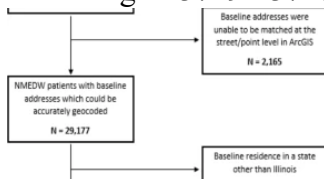
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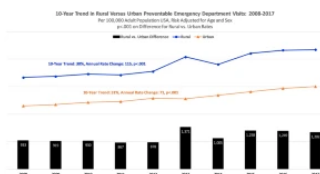
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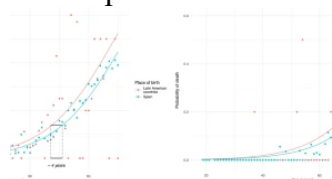


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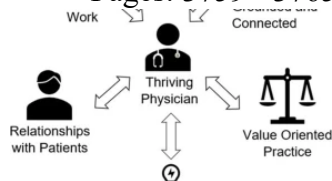
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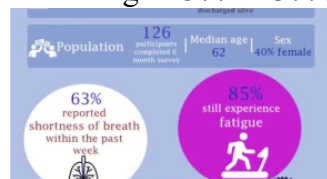
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Reachable practices N = 447		
Offered	71 (16%) appointment not offered	121
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not offered with listed physician	12 (3%) not accepting insurance	60
its available	2 (0%) urgent care/walk-in	128
phone visits only	22 (5%) other	
video visits only		
phone and video visits		
all first visit available		

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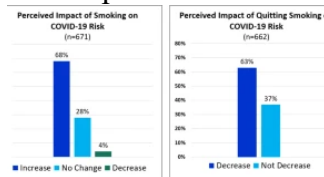
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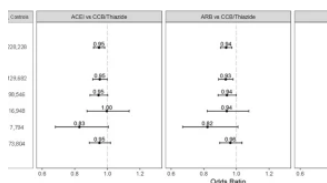
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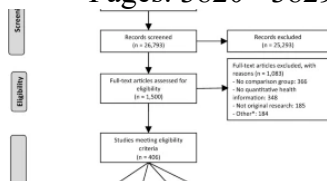
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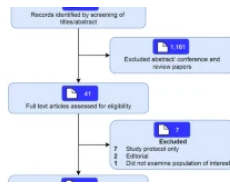
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Now:	1. Age, sex, gender, where the patient lives (e.g., home, long-term care, etc.)
Changed:	2. Chief concern:
Stable cardiac:	3.
Stable respiratory:	4.
	5.
	6.

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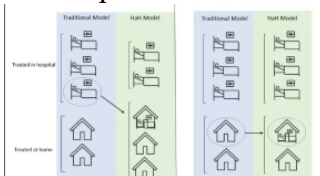
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- Content type: Healing Arts
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- Aldo Barajas-Ochoa
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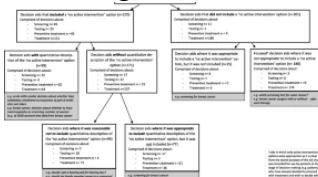
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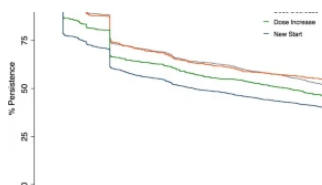
- Tammy Hoffmann
- Julia Beckhaus
- Chris Del Mar
- Content type: Concise Research Report
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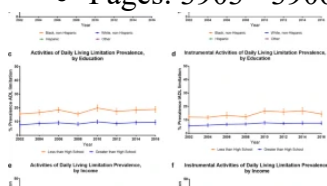
- Timothy S. Anderson
- Bocheng Jing
- Michael A. Steinman
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- Renuka Tipirneni
- Monita Karmakar
- Donovan T. Maust
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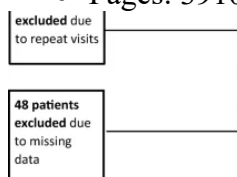
- Megan R. McLeod
- Anita Vasudevan
- Julia A. Wolfson
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- Ann-Marcia C. Tukpah
- Eric Cawi
- Lenise Cummings-Vaughn
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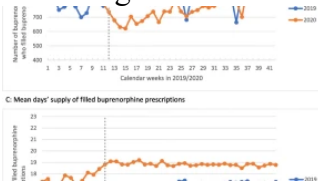
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- Keely Lombardi
- Andrea Carter
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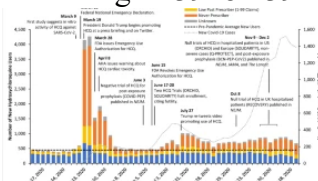
- Rohan Chalasani
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Authors

- Benjamin N. Rome
- Jerry Avorn
- Aaron S. Kesselheim
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Eoaldi, Benjamin J.; McAlpine, Brad

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Arnold, Jonathan; Zhao, Xinhua; Cashy, John P.; More
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Tseregounis, Iraklis E.; Tancredi, Daniel J.; Stewart, Susan L.; More
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Vincent, Brenda M.; Molling, Daniel; Escobar, Gabriel J.; More
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Letters to the Editor

Association of Simulation Training with Rates of Medical Malpractice Claims Among Obstetrician–Gynecologists

(https://journals.lww.com/greenjournal/Fulltext/2021/12000/Association_of_Simulation_7

Kleinmann, Whitney; Spong, Catherine Y.; Nelson, David B.

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(/greenjournal/Fulltext/2021/12000/Association_of_Simulation_Training_with_Rates_of.22.aspx#related)

Assessing Research Misconduct in Randomized Controlled Trials

(https://journals.lww.com/greenjournal/Fulltext/2021/12000/Assessing_Research_Miscon

Khan, Khalid S.

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Prediction and Prevention of Spontaneous Preterm Birth: ACOG Practice Bulletin, Number 234

(https://journals.lww.com/greenjournal/Fulltext/2021/12000/Prediction_and_Prevention_

Hoffman, Matthew K.

Obstetrics & Gynecology. 138(6):945-946, December 2021.

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Relationship Between Umbilical Cord Gas Values and Neonatal Outcomes: Implications for Electronic Fetal Heart Rate Monitoring (https://journals.lww.com/greenjournal/Fulltext/2021/12000/Relationship_Between_Umbi

Devoe, Lawrence D.; Britt, David W.; Evans, Mark I.

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Cochrane Review Summaries—July 2021

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Binder, Pratibha; Parker, William

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Response to Letter

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Schaffer, Adam C.; Gardner, Roxane; Babayan, Astrid; More

Obstetrics & Gynecology. 138(6):943-944, December 2021.

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Li, Wentao; Bordewijk, Esmée M.; Mol, Ben W.

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Zahn, Christopher M.; Jackson, Marc; Simhan, Hyagriv N.; More

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Minalt, Nicole; Haas, David M.

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Treatment of Urogenital Symptoms in Individuals With a History of Estrogen-dependent Breast Cancer: Clinical Consensus

(https://journals.lww.com/greenjournal/Fulltext/2021/12000/Treatment_of_Urogenital_Sy)

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Articles

Discrimination and Subsequent Mental Health, Substance Use, and Well-being in Young Adults

Yvonne Lei, BA; Vivek Shah, BA, BS; Christopher Biely, MS; [Nicholas Jackson, PhD, MPH](#); Rebecca Dudovitz, MD, MS ...

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Topics: mental health, personal satisfaction, psychological distress, self-report, substance use disorders

Mumps in Vaccinated Children and Adolescents: 2007–2019

Leah Shepersky, MPH; Mona Marin, MD; John Zhang, PhD; Huong Pham, MPH; Mariel A. Marlow, PhD, MPH

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Topics: mumps, vaccination, measles-mumps-rubella vaccine

Rotavirus Vaccine Safety and Effectiveness in Infants With High-Risk Medical Conditions

Josephine A.P. van Dongen, MD, PhD; Elsbeth D.M. Rouers, MD; Rob Schuurman, MD; Caterina Band, MSN; Shannon M. Watkins, MSc ...

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Topics: rotavirus, rotavirus vaccines, vaccination, vaccines, magnetic resonance cholangiography

The Childhood Vaccination Schedule and the Lack of Association With Type 1 Diabetes

Jason M. Glanz, PhD; Christina L. Clarke, MS; Matthew F. Daley, MD; Jo Ann Shoup, PhD; Simon J. Hambidge, MD, PhD ...

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Topics: aluminum, antigens, diabetes mellitus, type 1, vaccines, immunization schedule, childhood

COVID-19—Associated Orphanhood and Caregiver Death in the United States

Susan D. Hillis, PhD; Alexandra Blenkinsop, PhD; Andrés Villaveces, MD, PhD; Francis B. Annor, PhD; Leandris Liburd, PhD ...

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Topics: covid-19

IVIG Compared With IVIG Plus Infliximab in Multisystem Inflammatory Syndrome in Children

Lyndsey D. Cole, MD; Christina M. Osborne, MD; Lori J. Silveira, PhD; Suchitra Rao, MBBS, MSCS; Justin M. Lockwood, MD, MSCS ...

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Topics: immunoglobulins, intravenous, infliximab, pediatric inflammatory multisystem syndrome, ventricular dysfunction, left

Assessing Medical Decision-Making Competence in Transgender Youth

Lieke J.J.J. Vrouwenraets, MSc; Annelou L.C. de Vries, MD, PhD; Martine C. de Vries, MD, PhD; Anna I.R. van der Miesen, MD, PhD; Irma M. Hein, MD, PhD

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Topics: decision making, intelligence, reference standards, transgender persons, puberty

Antibiotic Use in Term and Near-Term Newborns

Håkon Stangeland Mundal, MD; Arild Rønnestad, MD, PhD; Claus Klingenberg, MD, PhD; Hans Jørgen Stensvold, MD, PhD; Ketil Størdal, MD, PhD ...

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Topics: norway, sepsis, blood culture

Outcomes of Cystic Fibrosis Screening—Positive Infants With Inconclusive Diagnosis at School Age

Tanja Gonska, MD; Katherine Keenan; Jacky Au; Annie Dupuis, PhD; Mark A. Chilvers, MD ...

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Topics: cystic fibrosis, cystic fibrosis transmembrane conductance regulator

Surgical Interventions During End-of-Life Hospitalizations in Children's Hospitals

Michael D. Traynor, Jr, MD, MPH; Ryan M. Antiel, MD, MSME; Maraya N. Camazine, MS; Thane A. Blinman, MD; Michael L. Nance, MD ...

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Topics: catheters, death, end-of-life care, ethnic group, hispanics or latinos

National Trends of Adolescent Exposure to Tobacco Advertisements: 2012–2020

Xiao Li, MS; Nina Kaiser, BA; Jacob T. Borodovsky, PhD; Raven Riordan, BS; Erin Kasson, MS ...

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Topics: advertising, cigarettes, electronic cigarettes, tobacco, trend

Child Care Center Hand Hygiene Programs' Cost-Effectiveness in Preventing Respiratory Infections

Ernestina Azor-Martinez, MD, PhD; Leticia Garcia-Mochon, PhD; Monica Lopez-Lacort; Jenna Marie Strizzi, PhD; Francisco Javier Muñoz-Vico, MD, PhD ...

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Topics: cost effectiveness, hand sanitizers, hysterosalpingogram, respiratory tract infections, soap

Adverse Childhood Experiences and Foster Care Placement Stability

Kiley W. Liming, PhD; Becci Akin, PhD; Jody Brook, PhD

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Topics: foster care, foster child

IQ in Autism Spectrum Disorder: A Population-Based Birth Cohort Study

Maja Z. Katusic, MD; Scott M. Myers, MD; Amy L. Weaver, MS; Robert G. Voigt, MD

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Topics: autism spectrum disorder, autistic disorder, birth, clinical diagnosis, intellectual ability

Central Venous Catheter Salvage in Ambulatory Central Line–Associated Bloodstream Infections ✓

William J.H. Ford; David G. Bundy, MD, MPH; Suzette Oyeku, MD; Moonseong Heo, PhD; Lisa Saiman, MD ...

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Topics: central line-associated bloodstream infection, central venous catheterization, central venous catheters

Single-Examination Risk Prediction of Severe Retinopathy of Prematurity ✓

Aaron S. Coyner, PhD; Jimmy S. Chen, BS; Praveer Singh, PhD; Robert L. Schelonka, MD; Brian K. Jordan, MD, PhD ...

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Topics: datasets, retinopathy of prematurity, eye, secondary data analysis

Gestational Age and Neonatal Electrocardiograms ✓

Joachim Hartmann, BScMed; Maria Munk Pærregaard, MD; Jakob Norsk, MD; Adrian Pietersen, MD, DMSc; Kasper Karmark Iversen, MD, DMSc ...

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Topics: electrocardiogram, gestational age, newborn, p-r interval, qrs axis

An Internet Quiz Game Intervention for Adolescent Alcohol Drinking: A Clustered RCT 🔒

Frederick K. Ho, PhD; Keith T.S. Tung, PhD; Rosa S. Wong, PhD; Ko Ling Chan, PhD; Wilfred H.S. Wong, PhD ...

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Topics: alcohol drinking, ethanol, health education, internet, hong kong

Intranasal Surfactant for Acute Otitis Media: A Randomized Trial

Gysella B. Muniz, MD; Timothy R. Shope, MD, MPH; Sonika Bhatnagar, MD; Nader Shaikh, MD, MPH; Mary Ann Haralam, MSN, CRNP ...

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Topics: chemical surfactants, otitis media with effusion, otitis media, acute, pulmonary surfactants, surrogate endpoints

Parent Verbalizations and Toddler Responses With Touchscreen Tablet Nursery Rhyme Apps

Tiffany G. Munzer, MD; Alison L. Miller, PhD; Samantha Yeo, BA; Yujie Wang, MS; Harlan McCaffery, MS ...

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Topics: nurseries, rhyme, tablet dosage form, toddler, mobile applications

Parenthood, Parental Benefits, and Career Goals Among Pediatric Residents: 2008 and 2019

Weston T. Powell, MD, PhD; Kelly M.W. Dundon, MD; Mary Pat Frintner, MSPH; Katelin Kornfeind, RN-BSN, MPH; Hilary M. Haftel, MD, MHPE

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Topics: gender, internship and residency, medical residencies

Commentaries

Discrimination and the Role of the Clinician

Jennifer R. Walton, MD, MPH; Adiaha Spinks-Franklin, MD, MPH

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Topics: acgme, mental disorders, mental health, prejudice, racism

From King Nebuchadnezzar of Babylon to Mumps Genotyping and Vaccination 26 Centuries Later

Charles Grose, MD

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Topics: genotype determination, mumps, vaccination

Improving Our Understanding of Medical Decision-Making Competence in Puberty Suppression

Neal D. Hoffman, MD; Elizabeth M. Alderman, MD

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Topics: decision making, psychological suppression, puberty, transgender persons, gonadotropin-releasing hormone analogs

Maximizing Benefits and Minimizing Harms: Diagnostic Uncertainty Arising From Newborn Screening

Pranesh Chakraborty, MD, FRCPC, FCCMG; Beth K. Potter, PhD; Robin Z. Hayeems, PhD

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Topics: cystic fibrosis, narcotic bowel syndrome, neonatal screening, nijmegen breakage syndrome

Surgical Interventions With an Interdisciplinary Approach at End of Life

Lisa Humphrey, MD, FAAP, FAAHPM; Lindsay Ragsdale, MD, FAAP, FAAHPM

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Topics: interdisciplinary treatment approach, terminally ill

Predicting ROP Severity by Artificial Intelligence: Pragmatic Versus Knowledge-Based Approach

Alistair R. Fielder, FRCS, FRCP; Graham E. Quinn, MD, MSCE

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Topics: artificial intelligence, retinopathy of prematurity

From the American Academy of Pediatrics

POLICY STATEMENT

Preventing Home Medication Administration Errors

H. Shonna Yin, MD, MSc, FAAP; Daniel R. Neuspiel, MD, MPH, FAAP; Ian M. Paul, MD, MSc, FAAP; Wayne Franklin, MD, MPH, MMM, FAAP; Joel S. Tieder, MD, MPH, FAAP ...

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Topics: drug administration error, drugs, non-prescription, health literacy, medication errors, pharmacies

CLINICAL REPORT

Tuberculosis Infection in Children and Adolescents: Testing and Treatment

Dawn Nolt, MD, MPH, FAAP; Jeffrey R. Starke, MD, FAAP; COMMITTEE ON INFECTIOUS DISEASES

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Topics: interferon gamma release assay, isoniazid, tuberculin test, tuberculosis, rifampin

CLINICAL REPORT

Promoting the Participation of Children and Adolescents With Disabilities in Sports, Recreation, and Physical Activity

Paul S. Carbone, MD, FAAP; Peter J. Smith, MD, MA, FAAP; Charron Lewis, MD, FAAP; Claire LeBlanc, MD, FAAP; COUNCIL ON CHILDREN WITH DISABILITIES, COUNCIL ON SPORTS MEDICINE AND FITNESS

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Topics: disability, physical activity, recreation, sports, disabled children

POLICY STATEMENT

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Topics: conflict of interest, fetal alcohol syndrome

Pediatrics Perspectives

Safety Planning for Suicidality in Autism: Obstacles, Potential Solutions, and Future Directions

Jessica M. Schwartzman, PhD; Joshua R. Smith, MD; Alexandra H. Bettis, PhD

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Topics: autistic disorder, feeling suicidal

Family Partnerships

A Family and Hospital's Journey and Commitment to Improving Diagnostic Safety

David Wyner, MA, LPC; Farren Wyner, BA; David Brumbaugh, MD, MSCS; Joseph A. Grubenhoff, MD, MSCS

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Topics: diagnostic errors, headache, migraine disorders, partnerships, urgent care

Advocacy Case Studies

Perinatal Mental Health Task Force: Integrating Care Across a Pediatric Hospital Setting

Lenore Jarvis, MD, MEd; Melissa Long, MD; Penelope Theodorou, MPH; Sarah Barclay Hoffman, MPP; Lamia Soghier, MD, MEd ...

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Topics: [advisory committees](#), [mental health](#), [perinatal period](#), [community](#), [partnerships](#)

Research Briefs

Parent-Collected Oropharyngeal Swabs in Cystic Fibrosis

Michael Doumit, Bach AppSc; Aiden Cox, Bach AppSc; Jane Butler, PhD; Nia Luxton, PhD; Adam Jaffe, PhD ...

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Topics: [cystic fibrosis](#), [oropharyngeal disorders](#)

Youth Resilience Education and 13-Year Motor Vehicle Crash Risk

Teresa Senserrick, PhD; Holger Möller, PhD; Kris Rogers, PhD; Patricia Cullen, PhD; Rebecca Ivers, PhD

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Topics: [lighting](#), [risk reduction](#), [traffic accidents](#), [new south wales](#), [australia](#)

Review Article

Nonmedical Opioid Use After Short-term Therapeutic Exposure in Children: A Systematic Review

Malema Ahrari, MSc; Samina Ali, MD; Lisa Hartling, PhD; Kathryn Dong, MSc, MD; Amy L. Drendel, DO, MS ...

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Topics: [opioids](#)

State-of-the-Art Review Article

Surgical Innovations to Restore Function in Pediatric Peripheral Nerve Conditions

Kim A. Bjorklund, MD, MEd; Julie M. West, MS, PA-C; Wilawan Nopkhun, MD; Amy M. Moore, MD

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Topics: nerve injuries, nerve transfer, nerve transposition, neurons, peripheral nerves

Special Article

Care of Congenital Melanocytic Nevi in Newborns and Infants: Review and Management Recommendations

Marla N. Jahnke, MD; Judith O'Haver, PhD, RN, CPNP-PC; Deepti Gupta, MD; Elena B. Hawryluk, MD, PhD; Nika Finelt, MD ...

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Topics: congenital melanocytic nevus

The 2020 Joseph W. St Geme, Jr. Leadership Award Address: On Leadership and the Joy of Pediatrics

Joseph W. St Geme, III, MD

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Topics: awards and prizes, happiness, football, internship and residency, gene therapy

Ethics Rounds

Microaggressions: Privileged Observers' Duty to Act and What They Can Do

Jamilah M. Hackworth, EdD; Meera Kotagal, MD, MPH; O.N. Ray Bignall, II, MD; Ndidi Unaka, MD, MEd; Armand H. Matheny Antommara, MD, PhD

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Topics: emotions, feelings, hospitalists, nephrologists, physicians, women

Quality Reports

Improving Opioid Stewardship in Pediatric Emergency Medicine ✓

Richa Lavingia, MPH; Ealing Mondragon, MD; Nina McFarlane-Johansson, MD; Rohit P. Shenoi, MD

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Topics: opioid analgesics, opioids

Improving Hospital Infant Safe Sleep Compliance by Using Safety Prevention Bundle Methodology ✓

Erich K. Batra, MD; Mary Lewis, MSN; Deepa Saravana, MS; Tammy E. Corr, DO; Carrie Daymont, MD ...

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Topics: sleep

STEPP IN: A Multicenter Quality Improvement Collaborative Standardizing Postoperative Handoffs ✓

Anthony J. Piazza, MD; Beverly Brozanski, MD; Theresa Grover, MD; John Chuo, MD; Teresa Mingrone, MSN, RN ...

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Topics: stepp trial, transition of care

Opioid Reduction Through Postoperative Pain Management in Pediatric Orthopedic Surgery ✓

Kerwyn Jones, MD; Laurie Engler, MHA; Elizabeth Fonte, BS; Ibrahim Farid, MD; Michael T. Bigham, MD, FAAP, FCCM

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Topics: opioids, orthopedics, pain management, postoperative analgesia, orthopedic procedures

Case Reports

Spontaneous Massive Pneumomediastinum in a Previously Well Infant With COVID-19

Anushri Dixit, MBBS; Mohammed Uvaise, MBBS, MD; Anna Canet-Tarres, MBBS; Jon Lillie, MBBS, BSc

[Abstract ▾](#)[View article](#)[Supplementary data](#)[!\[\]\(ab4e2b3fc7e7887b7a72f548aa6f5e60_img.jpg\) PDF](#)

Topics: covid-19, mediastinal emphysema

Stridor Due to Cranial Nerve X Palsy Progressing to Polyneuropathy in a Teenager With COVID-19

Andrea Dean, MD; Amira Said, MD; Kavitha Marri, MD; Daniel Chelius, MD

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Jordan S. Orange, MD, PhD

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Marcella Aquino, MD

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Marielle C. Young, MD, MPH; Michael Pistiner, MD, MMSc

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Taylor A. Lin, MD; Harvey L. Leo, MD

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Dexter Matrana, MD; Elizabeth Wisner, MD

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Topics: fever, outpatients, pediatric inflammatory multisystem syndrome

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