

## Writing a Letter to the Editor: Guidance From the Editors

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Writing\\_a\\_Letter\\_to\\_1](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Writing_a_Letter_to_1))

Alexandraki, Irene; Roberts, Laura Weiss

Academic Medicine. 97(4):473-474, April 2022.

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## Letters to the Editor

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### Using Video Technology to Improve Fairness in Objective Structured Clinical Examination Scoring

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Using\\_Video\\_Technol](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Using_Video_Technol))

Anto, Ailin; Kelada, Monica; Basu, Arunima

Academic Medicine. 97(4):475, April 2022.

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### In Reply to Anto et al

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/In\\_Reply\\_to\\_Anto\\_et](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/In_Reply_to_Anto_et))

Yeates, Peter; Fuller, Richard; McKinley, Robert K. (Bob)

Academic Medicine. 97(4):475-476, April 2022.

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### The Sky Should Be the Limit: USMLE Attempt Limits Will Not Reduce Disciplinary Actions Among Graduates of U.S. and Canadian Medical Schools

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The\\_Sky\\_Should\\_Be\\_](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The_Sky_Should_Be_))

D'Eon, Marcel F.; Kleinheksel, A.J.

Academic Medicine. 97(4):476, April 2022.

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### In Reply to D'Eon and Kleinheksel

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/In\\_Reply\\_to\\_D\\_Eon\\_](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/In_Reply_to_D_Eon_))

Arnhart, Katie L.; Cuddy, Monica M.; Johnson, David; More

Academic Medicine. 97(4):476-477, April 2022.

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## Eliminating the Step 2 CS Will Eliminate Clinical Skills

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Eliminating\\_the\\_Step\\_2\\_CS\\_Will\\_Eliminate\\_Clinical\\_Skills](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Eliminating_the_Step_2_CS_Will_Eliminate_Clinical_Skills))

Schattner, Ami

Academic Medicine. 97(4):477, April 2022.

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## In Reply to Schattner

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/In\\_Reply\\_to\\_Schattner](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/In_Reply_to_Schattner))

Yudkowsky, Rachel; Szauter, Karen

Academic Medicine. 97(4):477-478, April 2022.

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## How to Reassure Program Directors of International Medical Graduates' Preparedness for Residency With the Fall of the USMLE Step 2 CS Exam

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/How\\_to\\_Reassure\\_Program\\_Directors\\_of\\_International\\_Medical\\_Graduates'\\_Preparedness\\_for\\_Residency\\_With\\_the\\_Fall\\_of\\_the\\_USMLE\\_Step\\_2\\_CS\\_Exam](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/How_to_Reassure_Program_Directors_of_International_Medical_Graduates'_Preparedness_for_Residency_With_the_Fall_of_the_USMLE_Step_2_CS_Exam))

Rajesh, Aashish; Desai, Tej J.; Patnaik, Ronit; More

Academic Medicine. 97(4):478, April 2022.

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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/How\\_Academic\\_Health\\_Systems\\_Can\\_Be\\_Ready\\_for\\_the\\_Next\\_Pandemic](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/How_Academic_Health_Systems_Can_Be_Ready_for_the_Next_Pandemic))

Dzau, Victor J.; Ellaissi, William F.; Krishnan, K. Ranga Rama; More

Academic Medicine. 97(4):479-483, April 2022.

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## The Great Health Paradox: A Call for Increasing Investment in Public Health ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The\\_Great\\_Health\\_Pa](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The_Great_Health_Pa)

Blazer, Dan G.; Colenda, Christopher C.; Applegate, William B.; More  
Academic Medicine. 97(4):484-486, April 2022.

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### The Medical Student Turing Test ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The\\_Medical\\_Student](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The_Medical_Student)

Petriceks, Aldis H.  
Academic Medicine. 97(4):483, April 2022.

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### A Star Is Gone ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A\\_Star\\_Is\\_Gone.23.as](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A_Star_Is_Gone.23.as)

Maltagliati, Anthony  
Academic Medicine. 97(4):529-535, April 2022.

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### The Heart of Generalism ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The\\_Heart\\_of\\_Genera](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/The_Heart_of_Genera)

Reece, Sharon  
Academic Medicine. 97(4):552-561, April 2022.

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### Disparities in Gender and Race Among Physician–Scientists: A Call to Action and Strategic Recommendations

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Disparities\\_in\\_Gender](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Disparities_in_Gender)

Ward, Heather Burrell; Levin, Frances R.; Greenfield, Shelly F.

Academic Medicine. 97(4):487-491, April 2022.

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### Strategies for Achieving Gender Equity and Work–Life Integration in Physician–Scientist Training

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Strategies\\_for\\_Achievi](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Strategies_for_Achievi)

Ghosh-Choudhary, Shohini; Carleton, Neil; Flynn, JoAnne L.; More

Academic Medicine. 97(4):492-496, April 2022.

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### Mentoring Underrepresented Minority Physician-Scientists to Success

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Mentoring\\_Underrepr](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Mentoring_Underrepr)

Kalet, Adina; Libby, Anne M.; Jagsi, Reshma; More

Academic Medicine. 97(4):497-502, April 2022.

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Godwin, Kyler M.; Horstman, Molly J.; Chao, Samantha; More

Academic Medicine. 97(4):503-509, April 2022.

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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Developing\\_an\\_Interprofessional\\_Health\\_article-sam-container](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Developing_an_Interprofessional_Health_article-sam-container))

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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Self\\_Portrait\\_With\\_Cr](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Self_Portrait_With_Cr)

Kahlo, Frida

Academic Medicine. 97(4):510, April 2022.

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### Commentary on *Self-Portrait With Cropped Hair*

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Commentary\\_on\\_Self\\_](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Commentary_on_Self_)

Khan, Shawn

Academic Medicine. 97(4):511, April 2022.

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### Wy'east: An Innovative, Culturally Responsive Postbaccalaureate Pathway for American Indians and Alaska Natives

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Wy\\_east\\_\\_An\\_Innova](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Wy_east__An_Innova)




Empey, Allison; Zeisman-Pereyo, Shoshana; Mayinger, Peter; More

Academic Medicine. 97(4):512-517, April 2022.

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## Stand Up for Indigenous Health: A Simulation to Educate Residents About the Social Determinants of Health Faced by Indigenous Peoples in Canada ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Stand\\_Up\\_for\\_Indigen](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Stand_Up_for_Indigen)

Sauvé, Amanda; Cappelletti, Adriana; Murji, Latif  
Academic Medicine. 97(4):518-523, April 2022.

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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Stand\\_Up\\_for\\_Indigenous\\_Health\\_\\_A\\_Si](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Stand_Up_for_Indigenous_Health__A_Si)  
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
## A Novel Curriculum Assessment Tool, Based on AAMC Competencies, to Improve Medical Education About Sexual and Gender Minority Populations ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A\\_Novel\\_Curriculum\\_](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A_Novel_Curriculum_)

Zumwalt, Ann C.; Carter, Erin E.; Gell-Levey, Isabelle M.; More  
Academic Medicine. 97(4):524-528, April 2022.

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## Simulating for Quality: A Centralized Quality Improvement and Patient Safety Simulation Curriculum for Residents and Fellows ([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Simulating\\_for\\_Qualit](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Simulating_for_Qualit)

Luty, Jacob T.; Oldham, Hayden; Smeraglio, Andrea; More  
Academic Medicine. 97(4):529-535, April 2022.

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### Artist's Statement: Side Effects

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Artist\\_s\\_Statement\\_\\_\\_!](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Artist_s_Statement___!))

Singh, Harmandip

Academic Medicine. 97(4):517, April 2022.

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Brown, David R.; Moeller, Jeremy J.; Grbic, Douglas; More

Academic Medicine. 97(4):536-543, April 2022.




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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Entrustment\\_Decision\\_Making\\_in\\_the\\_Core\\_Entrustable\\_Professional\\_Activities:\\_Results\\_of\\_a\\_Multi-Institutional\\_Study](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Entrustment_Decision_Making_in_the_Core_Entrustable_Professional_Activities:_Results_of_a_Multi-Institutional_Study)  
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### Workplace-Based Entrustment Scales for the Core EPAs: A Multisite Comparison of Validity Evidence for Two Proposed Instruments Using Structured Vignettes and Trained Raters

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Workplace\\_Based\\_Entrustment\\_Scales\\_for\\_the\\_Core\\_EPAs:\\_A\\_Multisite\\_Comparison\\_of\\_Validity\\_Evidence\\_for\\_Two\\_Proposed\\_Instruments\\_Using\\_Structured\\_Vignettes\\_and\\_Trained\\_Raters](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Workplace_Based_Entrustment_Scales_for_the_Core_EPAs:_A_Multisite_Comparison_of_Validity_Evidence_for_Two_Proposed_Instruments_Using_Structured_Vignettes_and_Trained_Raters))

Ryan, Michael S.; Khan, Asra R.; Park, Yoon Soo; More




Academic Medicine. 97(4):544-551, April 2022.

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## A Question of Scale? Generalizability of the Ottawa and Chen Scales to Render Entrustment Decisions for the Core EPAs in the Workplace

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A\\_Question\\_of\\_Scale\\_](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A_Question_of_Scale_)

Ryan, Michael S.; Khamishon, Rebecca; Richards, Alicia; More  
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## A Pilot Study of the Generalizability of Preclinical Entrustment Assessments in Undergraduate Medical Education

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A\\_Pilot\\_Study\\_of\\_the](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/A_Pilot_Study_of_the)




Meyer, Eric G.; Boulet, John R.; Monahan, Patrick B.; More  
Academic Medicine. 97(4):562-568, April 2022.

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## An Empirical Investigation Into Milestones Factor Structure Using National Data Derived From Clinical Competency Committees

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/An\\_Empirical\\_Investig](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/An_Empirical_Investig)

Yamazaki, Kenji; Holmboe, Eric S.; Hamstra, Stanley J.  
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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Developing\\_Telemedic](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Developing_Telemedic)

Hart, Alexander; Romney, Douglas; Sarin, Ritu; More  
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## How Clinical Supervisors Conceptualize Procedural Entrustment: An Interview-Based Study of Entrustment Decision Making in Endoscopic Training

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/How\\_Clinical\\_Supervi](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/How_Clinical_Supervi))

Jeyalingam, Thurarshen; Brydges, Ryan; Ginsburg, Shiphra; More

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([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Physician\\_Training\\_fo](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Physician_Training_fo))

Oh, So-Young; Cook, David A.; Van Gerven, Pascal W.M.; More

Academic Medicine. 97(4):593-602, April 2022.

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## Assessments of Physicians' Electrocardiogram Interpretation Skill: A Systematic Review

([https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Assessments\\_of\\_Physi](https://journals.lww.com/academicmedicine/Fulltext/2022/04000/Assessments_of_Physi))

Cook, David A.; Oh, So-Young; Pusic, Martin V.

Academic Medicine. 97(4):603-615, April 2022.

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## Articles

[Common Oral Lesions](https://www.aafp.org/afp/2022/0400/p369.html)

David A. Randall; N. Lyn Wilson Westmark; Brad W. Neville

[Recurrent Venous Thromboembolism](https://www.aafp.org/afp/2022/0400/p377.html)

Hillary R. Mount; Megan Rich; Michael S. Putnam

[Chlamydial and Gonococcal Infections: Screening, Diagnosis, and Treatment](https://www.aafp.org/afp/2022/0400/p388.html)

Nicole Yonke; Miranda Aragón; Jennifer K. Phillips

[Common Sleep Disorders in Adults: Diagnosis and Management](https://www.aafp.org/afp/2022/0400/p397.html)

Sarah Holder; Navjot S. Narula

[Ulcerative Colitis: Rapid Evidence Review](https://www.aafp.org/afp/2022/0400/p406.html)

Stephen M. Adams; Elizabeth D. Close; Aparna P. Shreenath

[Alcoholic Hepatitis: Diagnosis and Management](https://www.aafp.org/afp/2022/0400/p412.html)

Michelle Keating; Olivia Lardo; Maggie Hansell

## Departments

Editorials: [Where Clinical Practice Guidelines Go Wrong](https://www.aafp.org/afp/2022/0400/p350.html) - Free Full Text

Henry C. Barry; Lisa Cosgrove; David C. Slawson

Editorials: [Why Physicians Should Not Prescribe Aducanumab for Alzheimer Disease](https://www.aafp.org/afp/2022/0400/p353.html) - Free Full Text

Mark H. Ebell; Henry C. Barry

Graham Center Policy One-Pagers: [Primary Care, Public Health, and Social Assets Are Essential to the COVID-19 Response](https://www.aafp.org/afp/2022/0400/p356.html) - Free Full Text

Yalda Jabbarpour; Anuradha Jetty; Ann Greiner; Jack Westfall

**AFP Clinical Answers: Opioids, Vision Screening, Altered Mental Status, Hemochromatosis, Osteomyelitis, Renal Disease** (<https://www.aafp.org/afp/2022/0400/p362.html>).

**Cochrane for Clinicians: Cilostazol for Intermittent Claudication Caused by Peripheral Artery Disease** (<https://www.aafp.org/afp/2022/0400/p366.html>).

Rebecca Lauters; Danielle Wilkin

**Cochrane for Clinicians: Oral vs. Intravaginal Antifungal Treatments for Uncomplicated Vulvovaginal Candidiasis** (<https://www.aafp.org/afp/2022/0400/p367.html>).

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
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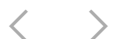
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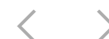
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Pieces in this supplement focus on the global opioid crisis, covering topics such as reducing drug-related harm, promoting health justice, and recounting lessons learned. Also included in this special issue are research and perspectives on methadone, drug consumption rooms, HIV-positive people who inject drugs, and more.

Guest Editors for the issue were: Helena Hansen, MD, PhD; Marie Jauffret-Roustide, PhD; Ryan McNeil, PhD; and Selena Suhail-Sindhu, MPH.

External funding for this issue was provided by the D3S “Social Sciences, Drugs and Societies” program—*Ecole des Hautes Etudes en Sciences Sociales (EHESS)*—*Mission Interministérielle de Lutte contre les Drogues et les Conduites Addictives (MILDECA)*, Paris, France.

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## **Australian women's experiences of receiving maternity care during the COVID-19 pandemic: A cross-sectional national survey**

Alyce N. Wilson MD, MPH, Linda Sweet RM, PhD, Vidanka Vasilevski PhD, Yvonne Hauck RM, PhD, Karen Wynter PhD, Lesley Kuliukas RM, PhD, Rebecca A. Szabo MBBS, MClined, Caroline S. E. Homer RM, PhD, Zoe Bradfield RM, PhD

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## **Fear of childbirth, nonurgent obstetric interventions, and newborn outcomes: A randomized controlled trial comparing mindfulness-based childbirth and parenting with enhanced care as usual**

Irena K. Veringa-Skiba MSc, Esther I. de Bruin PhD, Francisca J. A. van Steensel PhD, Susan M. Bögels PhD

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## **Geographic and socioeconomic inequalities in cesarean birth rates in Peru: A comparison between 2009 and 2018**

Akram Hernández-Vásquez MD, Horacio Chacón-Torrico MD, Guido Bendezu-Quispe MD

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## **The effect of offering a third-trimester routine ultrasound on pregnancy-specific anxiety and mother-to-infant bonding in low-risk women: A pragmatic cluster-randomized controlled trial**

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## Factors leading to satisfaction with counseling for Labor after Cesarean among Latina women in the United States

Alyxandra C. Williams MD, MPH, Liliana I. Martinez MPH, Andrew Garrison MD, Caren J. Frost PhD, MPH, Lisa H. Gren PhD, MSPH

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## Outcomes of attempted vaginal births after previous recurrent operative vaginal deliveries: An individual cumulative risk analysis

Misgav Rottenstreich MD, MBA, Reut Rotem MD, MPH, Aviel Hankin MD, Amihai Rottenstreich MD, Hen Y. Sela MD, Ori Shen MD, Sorina Grisaru-Granovsky MD, PhD

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Karin Windsperger MD, MSc, Herbert Kiss MD, MBA, Wilhelm Oberaigner PhD, Hermann Leitner MSc, Franz Binder BSc, Dana A. Muin MD, MSc, Philipp Foessleitner MD, BSc, Peter W. Husslein MD, Alex Farr MD, PhD

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## Modifiable predictors of breastfeeding status and duration at 6 and 12 months postpartum

Huilan Xu BMed, MPH, MBiostat, PhD, Sarah Marshall BNutrDiet(Hons), MSc, Jennifer M. Jones Masters of Nursing, RM, Grad Dip Applied Science (Community, Health) MN, Philayrath Phongsavan BA(Hons), MPH, PhD, Li Ming Wen MD, MMed, PhD



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## **A maternity care home model of enhanced prenatal care to reduce preterm birth rate and NICU use**

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Crystal Adams PhD, MPH

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## **Racial inequities in the course of treating perinatal mental health challenges: Results from listening to mothers in California**

Eugene Declercq PhD, Emily Feinberg ScD, CPNP, Candice Belanoff ScD, MPH

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## Decreased incidence of cesarean surgical site infection rate with hospital-wide perioperative bundle

Neha Sood MD, Rachel E. Lee MD, Justin K. To MD, Kelly L. Cervellione MPhil, Maria DeMarinis Smilios MS, RNC-OB, Hajoong Chun MD, Ivan M. Ngai MD

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## Protocol versus practice: Deviations from guidelines in low-risk twin deliveries in the United States

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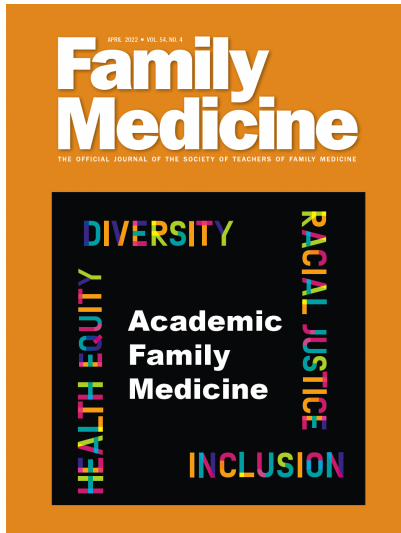
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Access To Care, Hospitals, And More

[Alan R. Weil](#)

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RESEARCH ARTICLE | COSTS & SPENDING

## National Health Expenditure Projections, 2021–30: Growth To Moderate As COVID-19 Impacts Wane

[John A. Poisal](#), [Andrea M. Sisko](#), [Gigi A. Cuckler](#), [Sheila D. Smith](#), [Sean P. Keehan](#), [Jacqueline A. Fiore](#),  
[Andrew J. Madison](#), and [Kathryn E. Rennie](#)

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Although considerable uncertainty remains, the COVID-19 pandemic and public health emergency are expected to continue to influence the near-term outlook for national health spending and enrollment. National health spending growth is expected to have ...

RESEARCH ARTICLE | PHARMACEUTICALS & MEDICAL TECHNOLOGY

# Many Medicare Beneficiaries Do Not Fill High-Price Specialty Drug Prescriptions

[Stacie B. Dusetzina](#), [Haiden A. Huskamp](#), [Russell L. Rothman](#), [Laura C. Pinheiro](#), [Andrew W. Roberts](#), [Nilay D. Shah](#), [Theresa L. Walunas](#), [William A. Wood](#), [Autumn D. Zuckerman](#), ... [See all authors](#) ✓

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 487-496

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For high-price drugs, Medicare Part D beneficiaries who do not receive a low-income subsidy must pay a percentage of the drug's price for each medication fill. Without that subsidy, which lowers out-of-pocket spending, beneficiaries typically pay hundreds ...

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RESEARCH ARTICLE | ACCESS TO CARE

## Title X Improved Access To Most Effective And Moderately Effective Contraception In US Safety-Net Clinics, 2016–18

[Blair G. Darney](#), [Frances M. Biel](#), [Megan Hoopes](#), [Maria I. Rodriguez](#), [Brigit Hatch](#), [Miguel Marino](#), [Anna Templeton](#), [Jee Oakley](#), [Teresa Schmidt](#), and [Erika K. Cottrell](#)

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Community health centers are a crucial source of health care for reproductive-age women. Some community health centers receive funding from the federal Title X program, which provides funding for family planning services for low-income women. We describe ...

---

RESEARCH ARTICLE | ACCESS TO CARE

## Trends In Self-Pay Charges And Insurance Acceptance For Abortion In The United States, 2017–20

[Ushma D. Upadhyay](#), [Chris Ahlbach](#), [Shelly Kaller](#), [Clara Cook](#), and [Isabel Muñoz](#)

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The Hyde Amendment prevents federal funds, including Medicaid, from covering abortion care, and many states have legal restrictions that prevent private insurance plans from covering abortion. As a result, most people pay for abortion out of pocket. We ...

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RESEARCH ARTICLE | CONSIDERING HEALTH SPENDING

## Trends In Hospital Prices Paid By Private Health Plans Varied Substantially Across The US

[Zachary Levinson](#), [Nabeel Qureshi](#), [Jodi L. Liu](#), and [Christopher M. Whaley](#)

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Commercial health plans pay higher prices than public payers for hospital care, which accounts for more than 5 percent of US gross domestic product. Crafting effective policy responses requires monitoring trends and identifying sources of variation. ...

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RESEARCH ARTICLE | HOSPITALS

## Financial Impacts And Operational Implications Of Private Equity Acquisition Of US Hospitals

[Marcelo Cerullo](#), [Yu-Li Lin](#), [Jose Alejandro Rauh-Hain](#), [Vivian Ho](#), and [Anaeze C. Offodile II](#)

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Although private equity acquisition of short-term acute care hospitals purportedly improves efficiency and cost-effectiveness, financial performance after acquisition remains unexamined. We compared changes in the financial performance of 176 hospitals ...

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RESEARCH ARTICLE | HOSPITALS

## Association Between Medicaid Expansion And Closure Of Hospital-Based Obstetric Services

[Caitlin Carroll](#), [Julia D. Interrante](#), [Jamie R. Daw](#), and [Katy Backes Kozhimannil](#)

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Access to obstetric services has declined steadily during the past decade, driven by the closure of hospital-based obstetric units and of entire hospitals. A fundamental challenge to maintaining obstetric services is that they are frequently unprofitable ...

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REVIEW ARTICLE | PAYMENT

## Value-Based Payment Models In The Commercial Insurance Sector: A Systematic Review

[Marina A. Milad](#), [Roslyn C. Murray](#), [Amol S. Navathe](#), and [Andrew M. Ryan](#)

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#)  | [Open URL](#) | 540-548

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Value-based payment models are a prominent strategy in health reform. Although Medicare payment models have been extensively evaluated, much less is known about value-based payment models in the commercial insurance sector. We performed the first ...

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RESEARCH ARTICLE | THE PRACTICE OF MEDICINE

## Relationship Between Physician Burnout And The Quality And Cost Of Care For Medicare Beneficiaries Is Complex

[Lawrence P. Casalino](#), [Jing Li](#), [Lars E. Peterson](#), [Diane R. Rittenhouse](#), [Manyao Zhang](#), [Eloise May O'Donnell](#), and [Robert L. Phillips](#)

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Despite reports of a physician burnout epidemic, there is little research on the relationship between burnout and objective measures of care outcomes and no research on the relationship between burnout and costs of care. Linking survey data from 1,064 ...

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DATAWATCH | DETERMINANTS OF HEALTH

## Health-Related Social Needs Among Older Adults Enrolled In Medicare Advantage

[Charron L. Long](#), [Stephanie M. Franklin](#), [Angela S. Hagan](#), [Yong Li](#), [Jeremiah S. Rastegar](#), [Bill Glasheen](#), [William H. Shrank](#), and [Brian W. Powers](#)

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Among older adults enrolled in Medicare Advantage, health-related social needs are highly prevalent, with financial strain, food insecurity, and poor housing quality the most commonly reported. The distribution of health-related social needs is uneven, ...

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RESEARCH ARTICLE | HOUSING

## Unequal Housing Conditions And Code Enforcement Contribute To Asthma Disparities In Boston, Massachusetts

[Evan Lemire](#), [Elizabeth A. Samuels](#), [Wenyi Wang](#), and [Adam Haber](#)

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Housing quality is a primary determinant of asthma disparities by race and social class in the US. We sought to assess how housing code enforcement systems in Boston, Massachusetts, address tenants' reports of asthma triggers. After adjustment for income ...

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RESEARCH ARTICLE | BEHAVIORAL HEALTH CARE

## Trends In Outpatient Mental Health Services Use Before And During The COVID-19 Pandemic

[Jane M. Zhu](#), [Renaë Myers](#), [K. John McConnell](#), [Ximena Levander](#), and [Sunny C. Lin](#)

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The COVID-19 pandemic disrupted mental health services delivery across the US, but the extent and implications of these disruptions are unclear. This retrospective observational analysis used the claims clearinghouse Office Ally to compare outpatient ...

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RESEARCH ARTICLE | HIV/AIDS

## The Association Of HIV With Health Care Spending And Use Among Medicare Beneficiaries

[José F. Figueroa](#), [Ingrid T. Katz](#), [Emily P. Hyle](#), [Kathryn E. Horneffer](#), [Kavya Nambiar](#), [Jessica Phelan](#), [E. John Orav](#), and [Ashish K. Jha](#)

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An increasingly older population of people with HIV raises concerns about how HIV may influence care for Medicare patients. We therefore sought to determine the extent to which HIV influences additional spending on and use of mental health and medical ...

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RESEARCH ARTICLE | CHILDREN'S HEALTH

## A Comprehensive Assessment Of Child Care Vaccination Laws Across The US

[Alexandra Bhatti](#), [Cristina Carias](#), [Fabiana Corsi Mendez](#), [Yoonyoung Choi](#), and [Ava Skolnik](#)

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All fifty US states and Washington, D.C., require children from birth through age five to be vaccinated against certain communicable diseases as a condition of attending child care settings such as day care, Head Start, preschools, pre-kindergarten, and ...

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RESEARCH ARTICLE | HEALTH EQUITY

## Measuring Racial Inequities In The Quality Of Care Across Oncology Practices In The US

[Nancy L. Keating](#), [Mary Beth Landrum](#), [Cleo Samuel-Ryals](#), [Anna D. Sinaiko](#), [Alexi Wright](#), [Gabriel A. Brooks](#), [Barbara Bai](#), and [Alan M. Zaslavsky](#)

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Racial inequities in clinical performance diminish overall health care system performance; however, quality assessments have rarely incorporated reliable measures of racial inequities. We studied care for more than one million Medicare fee-for-service ...

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NARRATIVE MATTERS | HEALTH EQUITY

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[Zhaohui Su](#)

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LETTERS

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[Ellen L. Air](#)

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## National Diabetes Prevention Program

[Joshua A. Wymer](#)

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LETTERS

## Physicians' Knowledge Of The ADA

[W. Austin Davis](#), [Amy J. Houtrow](#), and [Andrew R. McCoy](#)

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Hosseini Zare PhD, MS, Matthew D. Eisenberg PhD, Gerard Anderson PhD

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## Development of a homelessness risk screening tool for emergency department patients

Kelly M. Doran MD, MHS, Eileen Johns MPA, Sara Zuiderveen MPP, Marybeth Shinn PhD, Kinsey Dinan MA, Maryanne Schretzman DSW, Lillian Gelberg MD, MSPH, Dennis Culhane PhD, Donna Shelley MD, MPH, Tod Mijanovich PhD

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Lindsay Allen PhD, MA, Cong T. Gian MPA, Kosali Simon PhD

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## Potential bypassing of nearest emergency department by EMS transports

Amresh D. Hanchate PhD, Danyang Qi MS, Jason P. Stopyra MD, MS, Michael K. Paasche-Orlow MD, MA, MPH, William E. Baker MD, James Feldman MD, MPH, FACEP

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## Nonlinear association of nurse staffing and readmissions uncovered in machine learning analysis



Olga Yakusheva PhD, James T. Bang PhD, Ronda G. Hughes PhD, RN, NEA-BC, FAAN, Kathleen L. Bobay PhD, RN, NEA-BC, FAAN, Linda Costa PhD, RN, NEA-BC, Marianne E. Weiss DNSc, RN

Pages: 311-321 | First Published: 01 July 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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 [Free Access](#)

### **Association between nursing home staff turnover and infection control citations**

Lacey Loomer PhD, MSPH, David C. Grabowski PhD, Huizi Yu BS, Ashvin Gandhi PhD

Pages: 322-332 | First Published: 06 September 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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### **Hospital-cardiologist integration often occurs without a practice acquisition**

Brady Post PhD, Brahmajee K. Nallamothu MD, MPH, Brent Hollenbeck MD

Pages: 333-339 | First Published: 18 December 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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 [Full Access](#)

### **Medicaid long-term care workforce training intervention and value-based payment metrics**

Mei-Chia Fong PhD, David Russell PhD, Carlin Brickner DrPH, Oude Gao MHA, Sandi Vito MA, Margaret McDonald MSW

Pages: 340-350 | First Published: 18 December 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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 [Open Access](#)

### **Burnout of the US midwifery workforce and the role of practice environment**

E. Brie Thumm PhD, CNM, MBA, FACNM, Denise C. Smith PhD, CNM, Allison P. Squires PhD, RN, FAAN, Ginger Breedlove PhD, CNM, APRN, FACNM, FAAN, Paula M. Meek RN, PhD, FAAN, ATSF

Pages: 351-363 | First Published: 10 December 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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 [Free Access](#)

## How the health services research workforce supply in the United States is evolving

Bianca K. Frogner PhD

Pages: 364-373 | First Published: 04 January 2022

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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## VETERANS HEALTH

[Full Access](#)

### Stakeholder perspectives on sustainment of Housing First in a VA permanent supportive housing program

Erica Hua Fletcher PhD, Sonya Gabrielian MD, MPH, Anthony W. P. Flynn BA, Jared M. Greenberg MD, Sona Hovsepian LCSW, Rebecca S. Oberman MSW, MPH, Alexander S. Young MD, MSHS

Pages: 374-384 | First Published: 03 March 2022

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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[Full Access](#)

### Learning environments, reliability enhancing work practices, employee engagement, and safety climate in VA cardiac catheterization laboratories

Heather M. Gilmartin PhD, NP, Edward Hess MS, Candice Mueller BA, Brigid Connelly BA, Mary E. Plomondon PhD, MSPH, Stephen W. Waldo MD, Catherine Battaglia PhD, RN

Pages: 385-391 | First Published: 17 March 2022

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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### Therapeutic relationships between Veterans and buprenorphine providers and effects on treatment retention

Jayamalathi Priyanka Vakkalanka PhD, Brian C. Lund PharmD, MS, Stephan Arndt PhD, William Field PhD, Mary Charlton PhD, Marcia M. Ward PhD, Ryan M. Carnahan PharmD, MS

Pages: 392-402 | First Published: 01 December 2021

| | | |

# OPIOIDS

 [Full Access](#)

## **Nudging primary care providers to expand the opioid use disorder workforce**

Marisa Elena Domino PhD, Sean Sylvia PhD, Sherri Green PhD, MSW, LCSW

Pages: 403-410 | First Published: 14 October 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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 [Open Access](#)

## **Using machine learning to advance disparities research: Subgroup analyses of access to opioid treatment**

Yinfei Kong PhD, Jia Zhou PhD, Zemin Zheng PhD, Hortensia Amaro PhD, Erick G. Guerrero PhD

Pages: 411-421 | First Published: 17 October 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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 [Full Access](#)

## **Medicaid prevalence and opioid use disorder treatment access disparities**

Michael R. Richards MD, PhD, MPH, Ashley A. Leech PhD, Bradley D. Stein MD, PhD, Melinda B. Buntin PhD, Stephen W. Patrick MD, MPH, MS

Pages: 422-429 | First Published: 03 December 2021

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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JAMA Network Statement on Potentially Offensive Content

May 2022 - July 1883

Decade

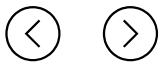
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2022

Issue

April 5; 327 (13): 1209-1300



April 5, 2022, Vol 327, No. 13, Pages 1209-1300

In This Issue of JAMA

## Audio Highlights

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

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ONLINE ONLY



JAMA. 2022;327(13):e2116913. doi:10.1001/jama.2021.16913



**Audio Editors' Summary:** Sotrovimab for Mild to Moderate COVID-19, Myocardial Infarction After Hepatitis B Vaccine, Review of Antiseizure Medications for Epilepsy, and more

## Original Investigation

**Effect of Sotrovimab on Hospitalization or Death Among High-risk Patients With Mild to Moderate COVID-19: A Randomized Clinical Trial**

Anil Gupta, MD; Yaneicy Gonzalez-Rojas, MD; Erick Juarez, MD; et al.

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

**FREE**  CME *JAMA.* 2022;327(13):1236-1246. doi:10.1001/jama.2022.2832

This randomized clinical trial compares the efficacy and adverse events of sotrovimab vs placebo in preventing progression of mild to moderate COVID-19 to severe disease.


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Caring for the Critically Ill Patient

## Effect of Antiplatelet Therapy on Survival and Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial

REMAP-CAP Writing Committee for the REMAP-CAP Investigators

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

**FREE**  CME *JAMA.* 2022;327(13):1247-1259. doi:10.1001/jama.2022.2910

This randomized clinical trial assesses the effect of treatment with an antiplatelet agent vs no antiplatelet therapy on days alive and free of intensive care unit respiratory or cardiovascular organ support within 21 days among patients critically ill with COVID-19.

### Editorial

#### Thromboinflammation and Antithrombotics in COVID-19: Accumulating Evidence and Current Status

Jean M. Connors, MD; Paul M Ridker, MD, MPH

---

## Association Between 2-Dose vs 3-Dose Hepatitis B Vaccine and Acute Myocardial Infarction

Katia Bruxvoort, PhD; Jeff Slezak, MS; Lei Qian, PhD; et al.

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

**FREE** *JAMA.* 2022;327(13):1260-1268. doi:10.1001/jama.2022.2540

This large prospective cohort study compares the rates of acute myocardial infarction between recipients of a 2-dose hepatitis B vaccine and recipients of a 3-dose hepatitis B vaccine.

## Research Letter

---

### Estimates of SARS-CoV-2 Omicron Variant Severity in Ontario, Canada

Ana Cecilia Ulloa, MPH; Sarah A. Buchan, PhD; Nick Daneman, MD, MSc; et al.

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



*JAMA.* 2022;327(13):1286-1288. doi:10.1001/jama.2022.2274

This study examines hospitalizations and deaths associated with the SARS-CoV-2 Omicron variant compared with matched patients infected with the Delta variant.



**Audio Author Interview:** COVID-19 Update: Omicron Variant

---

### Trends and Outcomes for Preimplantation Genetic Testing in the United States, 2014-2018

Heather S. Hipp, MD; Sara Crawford, PhD; Sheree Boulet, DrPH, MPH; et al.

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

*JAMA.* 2022;327(13):1288-1290. doi:10.1001/jama.2022.1892

This study uses US national surveillance data to describe preimplantation genetic testing trends and outcomes between 2014 and 2018.

## Viewpoint

---

### Expanding Efforts and Support to Respond to the HIV and COVID-19 Intersecting Pandemics

Lawrence Corey, MD; Russell Corbett-Detig, PhD; Chris Beyrer, MD, MPH

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



*JAMA.* 2022;327(13):1227-1228. doi:10.1001/jama.2022.3517

This Viewpoint discusses the generation of SARS-CoV-2 variants of concern globally and the need for increased access to COVID-19 vaccination in Africa, particularly for people living with HIV and for households and people living in densely populated communities.

---

## SARS-CoV-2 Laboratory-Developed Tests: Integrity Restored

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

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

**FREE** JAMA. 2022;327(13):1229-1230. doi:10.1001/jama.2022.3382

This Viewpoint reviews the regulatory oversight of laboratory-developed tests, discusses its recent policy permutations, and explores potential future considerations.

---

## Patient Assistance Programs and the Anti-Kickback Statute: Charting a Pathway Forward

Michael S. Sinha, MD, JD, MPH; Aaron S. Kesselheim, MD, JD, MPH; Christopher T. Robertson, PhD, JD

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

JAMA. 2022;327(13):1231-1232. doi:10.1001/jama.2022.2043

This Viewpoint discusses how patient assistance programs help patients pay for expensive name-brand drugs, which help ensure profit, and recommends anti-kickback statutes be used to ensure the programs help those most in need.

### Editorial

#### Patient Assistance Programs and Anti-Kickback Laws

Katherine Kraschel, JD; Gregory Curfman, MD

## A Piece of My Mind

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## A Love Letter to Grief

Neha Pal, BS

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

JAMA. 2022;327(13):1233. doi:10.1001/jama.2022.3478

In this narrative medicine essay, a medical student explores the facets of her grief over her mother's death as a daughter, a caretaker, and a medical student.


## Editorial

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### Thromboinflammation and Antithrombotics in COVID-19: Accumulating Evidence and Current Status

Jean M. Connors, MD; Paul M Ridker, MD, MPH

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

 JAMA. 2022;327(13):1234-1235. doi:10.1001/jama.2022.2361


## Review

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### Antiseizure Medications for Adults With Epilepsy: A Review

Andres M. Kanner, MD; Manuel Melo Bicchi, MD

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

 CME  JAMA. 2022;327(13):1269-1281. doi:10.1001/jama.2022.3880

This review article discusses the management of focal and generalized epilepsy in adults who respond to pharmacotherapy with antiseizure drugs, focusing on the most common types of epilepsy treated by general neurologists and primary care clinicians.



**Audio Clinical Review:** Epilepsy Diagnosis and Treatment in Adults

## JAMA Guide to Statistics and Methods

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### Collider Bias

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

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

  CME JAMA. 2022;327(13):1282-1283. doi:10.1001/jama.2022.1820

This JAMA Guide to Statistics and Methods describes collider bias, illustrates examples in directed acyclic graphs, and explains how it can threaten the internal validity of a study and the accurate estimation of causal relationships in randomized clinical trials and observational studies.




# JAMA Diagnostic Test Interpretation

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## Cardiopulmonary Exercise Testing

Esther de Boer, MD, PhD; Irina Petrache, MD; Michael P. Mohning, MD

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

 CME JAMA. 2022;327(13):1284-1285. doi:10.1001/jama.2022.2037

A 33-year-old man with intermittent asthma presented with 3 months of dyspnea on exertion, which developed approximately 2 weeks after infection with SARS-CoV-2. The patient demonstrated reduced exercise tolerance during cardiopulmonary testing, achieving only 64% of the predicted maximum rate of oxygen consumption. How do you interpret these test results?

## Medical News & Perspectives

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### Center for Medicare Director Envisions Holistic Approach to Health Care

Melissa Suran, PhD, MSJ

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

  JAMA. 2022;327(13):1214-1215. doi:10.1001/jama.2022.4289

Deputy Administrator and Director of the Center for Medicare, Meena Seshamani, MD, PhD, discusses how to increase access to health care and improve delivery.



**Audio Author Interview:** Leading Medicare: Q&A With Medicare Director Meena Seshamani

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### Quick Uptakes

### Functional Brain Organization Differences Found Between Boys and Girls With Autism Spectrum Disorder

Rita Rubin, MA

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

JAMA. 2022;327(13):1216-1217. doi:10.1001/jama.2022.3834

This JAMA Medical News feature describes new research that found gender differences in the brains of children with autism spectrum disorder.

## News From the JAMA Network

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### Maternal COVID-19 Vaccine Safe for Infants

Anita Slomski

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

JAMA. 2022;327(13):1218. doi:10.1001/jama.2022.4370

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### At-home COVID-19 Test Instructions Frequently Misinterpreted

Anita Slomski

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

JAMA. 2022;327(13):1218. doi:10.1001/jama.2022.3350

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### While Suicide Attempts Have Increased, Treatment Has Not

Anita Slomski

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

JAMA. 2022;327(13):1218. doi:10.1001/jama.2022.4371

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### Few Black Individuals Are Becoming Surgeons

Anita Slomski

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

JAMA. 2022;327(13):1218. doi:10.1001/jama.2022.4372

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## News From the Food and Drug Administration

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### First Condom Authorized Specifically for Anal Intercourse

Howard D. Larkin

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

JAMA. 2022;327(13):1219. doi:10.1001/jama.2022.4556

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## FDA Expands Empagliflozin Heart Failure Indication

Howard D. Larkin

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

*JAMA*. 2022;327(13):1219. doi:10.1001/jama.2022.3970

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## New Cancer Clinical Trial Guidance

Howard D. Larkin

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

*JAMA*. 2022;327(13):1219. doi:10.1001/jama.2022.4561

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## Poetry and Medicine

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### DNA

Emily Franklin

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

*JAMA*. 2022;327(13):1295. doi:10.1001/jama.2022.0822

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## JAMA Revisited

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### Psychiatric Sense and Nonsense

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

*JAMA*. 2022;327(13):1296. doi:10.1001/jama.2021.16914

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## JAMA Patient Page

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### What Is Osteoarthritis?

Linda Yue, MD; Jessica Berman, MD

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

**FREE** *JAMA*. 2022;327(13):1300. doi:10.1001/jama.2022.1980

This JAMA Patient Page describes osteoarthritis and its risk factors, diagnosis, and treatment.

## Comment & Response

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### Rivaroxaban vs Apixaban and Ischemic or Hemorrhagic Events in Patients With Atrial Fibrillation

Hong-Qiu Gu, PhD

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

JAMA. 2022;327(13):1290. doi:10.1001/jama.2022.1425

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### Rivaroxaban vs Apixaban and Ischemic or Hemorrhagic Events in Patients With Atrial Fibrillation—Reply

Wayne A. Ray, PhD; Katherine T. Murray, MD

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

JAMA. 2022;327(13):1290. doi:10.1001/jama.2022.1428

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### Effect of Long-term Supplementation With Marine Omega-3 Fatty Acids vs Placebo on Risk of Depression

Chih-Sung Liang, MD; Ping-Tao Tseng, MD; Kuan-Pin Su, PhD

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

JAMA. 2022;327(13):1290-1291. doi:10.1001/jama.2022.2030

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### Effect of Long-term Supplementation With Marine Omega-3 Fatty Acids vs Placebo on Risk of Depression

Mu-Hong Chen, MD; Chih-Sung Liang, MD; Kuan-Pin Su, PhD

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

JAMA. 2022;327(13):1291-1292. doi:10.1001/jama.2022.2027

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### Effect of Long-term Supplementation With Marine Omega-3 Fatty Acids vs Placebo on Risk of Depression—Reply

Olivia I. Okereke, MD, SM; David Mischoulon, MD, PhD; JoAnn E. Manson, MD, DrPH

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

## **Mediterranean Diet or Mindfulness-Based Stress Reduction and Prevention of Small-for-Gestational-Age Birth Weights in Newborns**

Shu-Tsen Liu, MD; Chieh-Chung Lin, MD; James Cheng-Chung Wei, MD, PhD

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

JAMA. 2022;327(13):1292-1293. doi:10.1001/jama.2022.2164

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## **Mediterranean Diet or Mindfulness-Based Stress Reduction and Prevention of Small-for-Gestational-Age Birth Weights in Newborns—Reply**

Francesca Crovetto, MD, PhD; Fàtima Crispi, MD, PhD; Eduard Gratacós, MD, PhD

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

JAMA. 2022;327(13):1293-1294. doi:10.1001/jama.2022.2167

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## **Notice of Retraction. Shah S. Five Miles From Tomorrow. *JAMA*. 2000;284:1897-1898**

S. Shah, MD

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

**FREE** JAMA. 2022;327(13):1294. doi:10.1001/jama.2022.3950

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## **Correction**

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### **Error in Figure**

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

**FREE** JAMA. 2022;327(13):1294. doi:10.1001/jama.2022.4059

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## **JAMA Masthead**

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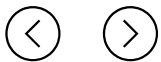
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2022

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April 12; 327 (14): 1315-1410



April 12, 2022, Vol 327, No. 14, Pages 1315-1410

In This Issue of JAMA

## Audio Highlights

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

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JAMA. 2022;327(14):e2116923. doi:10.1001/jama.2021.16923



**Audio Editors' Summary:** Walking for Peripheral Artery Disease Symptoms, Adverse Pregnancy Outcomes With Gestational Diabetes, Transthyretin Gene Variant and Heart Failure in Black Individuals, and more

## Original Investigation

Effect of a Home-Based, Walking Exercise Behavior Change Intervention vs Usual Care on Walking in Adults With Peripheral Artery Disease: The MOSAIC Randomized Clinical Trial

Lindsay M. Bearne, PhD; Britannia Volkmer, PhD; Janet Peacock, PhD; et al.

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

JAMA. 2022;327(14):1344-1355. doi:10.1001/jama.2022.3391

Among adults with peripheral artery disease and intermittent claudication, this randomized clinical trial compares walking capacity at 3 months between patients who received a home-based, walking exercise behavior change intervention led by a physical therapist vs usual care.

## Editorial

### Home-Based Walking Exercise for Peripheral Artery Disease

Mary M. McDermott, MD

---

## Risk of Adverse Pregnancy Outcomes Among Pregnant Individuals With Gestational Diabetes by Race and Ethnicity in the United States, 2014-2020

Kartik K. Venkatesh, MD, PhD; Courtney D. Lynch, PhD, MPH; Camille E. Powe, MD; et al.

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

JAMA. 2022;327(14):1356-1367. doi:10.1001/jama.2022.3189

This study using US National Center for Health Statistics data for more than 1.5 million individuals with gestational diabetes aged 15 to 44 years with singleton nonanomalous live births assesses whether the frequency of adverse pregnancy outcomes among those in the US with gestational diabetes changed over time, and whether the risk of these outcomes differed by maternal race and ethnicity.

---

## Association of Transthyretin Val122Ile Variant With Incident Heart Failure Among Black Individuals

Vibhu Parcha, MD; Gargya Malla, MD, MPH, PhD; Marguerite R. Irvin, PhD; et al.

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

JAMA. 2022;327(14):1368-1378. doi:10.1001/jama.2022.2896

This retrospective population-based cohort study compares carriers of the amyloidogenic Val122Ile TTR variant vs noncarriers to assess the association of having the variant with risk of heart failure and mortality in self-identified Black individuals living in the US.

## Editorial

### Heart Failure, Precision Medicine, and Incremental Equity: The Case of Hereditary Amyloid Cardiomyopathy

Melvin R. Echols, MD; Herman Taylor, MD, MPH

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## Research Letter

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### Trends in Drug Overdose Deaths Among US Adolescents, January 2010 to June 2021

Joseph Friedman, MPH; Morgan Godvin, BA; Chelsea L. Shover, PhD; et al.

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

*JAMA*. 2022;327(14):1398-1400. doi:10.1001/jama.2022.2847

This study assesses trends in drug overdose deaths among US adolescents aged 14 to 18 years from January 2010 to June 2021, by substance type and race and ethnicity, using data from the Centers for Disease Control and Prevention WONDER database.

## Viewpoint

---

### The Growing Influence of State Governments on Population Health in the United States

Steven H. Woolf, MD, MPH

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

*JAMA*. 2022;327(14):1331-1332. doi:10.1001/jama.2022.3785

This Viewpoint discusses how differing political priorities and economic circumstances across the 50 US states has led to the country's fragmented health policy, widening the gap across the states in health outcomes and life expectancy.

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# Preparing Clinicians for a Clinical World Influenced by Artificial Intelligence

Cornelius A. James, MD; Robert M. Wachter, MD; James O. Woolliscroft, MD

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

*JAMA*. 2022;327(14):1333-1334. doi:10.1001/jama.2022.3580

This Viewpoint summarizes the reasons why clinicians should have the knowledge and skills to assess and determine the appropriate application of artificial intelligence and machine learning outputs and how these new technologies will create new roles and responsibilities for clinicians.

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## Diagnostic Excellence

### Evaluating the Effectiveness of Diagnostic Tests

Ashley Graham Kennedy, PhD

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

*JAMA*. 2022;327(14):1335-1336. doi:10.1001/jama.2022.4463

This Viewpoint discusses the 3 components—accuracy, clinical utility, and patient benefit—of assessing whether diagnostic tests are effective.

## A Piece of My Mind

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### Picture This

Christina N. Dimopoulos, MD

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

*JAMA*. 2022;327(14):1337-1338. doi:10.1001/jama.2022.3962

In this narrative medicine essay, an internal medicine resident who grew close to a patient with COVID-19 and to his teenaged daughters pinned her hopes on his recovery and followed his progress and setbacks even after she rotated to a new assignment.

## Editorial

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# Home-Based Walking Exercise for Peripheral Artery Disease

Mary M. McDermott, MD

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

JAMA. 2022;327(14):1339-1340. doi:10.1001/jama.2022.2457

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# Heart Failure, Precision Medicine, and Incremental Equity: The Case of Hereditary Amyloid Cardiomyopathy

Melvin R. Echols, MD; Herman Taylor, MD, MPH

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

JAMA. 2022;327(14):1341-1343. doi:10.1001/jama.2022.2360

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## Review

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# Diagnosis and Treatment of Pulmonary Arterial Hypertension: A Review

Nicole F. Ruopp, MD; Barbara A. Cockrill, MD

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

 CME  JAMA. 2022;327(14):1379-1391. doi:10.1001/jama.2022.4402

This review summarizes current evidence regarding diagnosis and treatment of pulmonary arterial hypertension.



**Audio Clinical Review:** A Review of Pulmonary Arterial Hypertension


## JAMA Clinical Challenge

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# Joint Pain in a Woman Wearing a Face Mask

Jason E. Liebowitz, MD; Maximilian F. Konig, MD

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

 CME JAMA. 2022;327(14):1392-1393. doi:10.1001/jama.2022.2644

A 63-year-old patient with arthritis and obstructive sleep apnea presented with worsening joint pain, with degenerative changes shown on x-ray. A nasal bridge deformity was revealed when she removed her face mask, along with slightly elevated creatinine and ESR; urinalysis revealed white and red blood cells and 2+ protein. What is the diagnosis and what do you do next?

## Medical News & Perspectives

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### Physicians in Ukraine: Caring for Patients in the Middle of a War

Rita Rubin, MA

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

**FREE**  JAMA. 2022;327(14):1318-1320. doi:10.1001/jama.2022.4680

This Medical News feature describes how war has challenged physicians in Ukraine.



**JAMA Medical News Audio:** Ukrainian Doctors Share Current Experiences



**JAMA Medical News Audio:** March 2022 Medical News Summary

#### Editorial

#### Catastrophic Health Consequences of the War in Ukraine

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



**JAMA Medical News Audio:** Ukrainian Doctors Share Current Experiences

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#### Quick Uptakes

### Even Mild COVID-19 May Change the Brain

Jennifer Abbasi

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

**FREE** JAMA. 2022;327(14):1321-1322. doi:10.1001/jama.2022.4507

This Medical News article discusses a large study that found brain structure and cognitive changes months after SARS-CoV-2 infection.

## News From the Centers for Disease Control and Prevention

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## Myocarditis Adverse Event Less Common After COVID-19 Vaccine Booster

Bridget M. Kuehn, MSJ

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

**FREE** JAMA. 2022;327(14):1324. doi:10.1001/jama.2022.4582

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## Food Insecurity Common Among US Children

Bridget M. Kuehn, MSJ

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

JAMA. 2022;327(14):1324. doi:10.1001/jama.2022.4829

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## Biotech Innovations

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## Vaccine Booster Dose Appears to Reduce Omicron Hospitalizations

Jennifer Abbasi

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

**FREE** JAMA. 2022;327(14):1323. doi:10.1001/jama.2022.5156

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## Large US Study Examines First 6 Months of COVID-19 Vaccine Safety Data

Jennifer Abbasi

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

**FREE** JAMA. 2022;327(14):1323. doi:10.1001/jama.2022.4974

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## Scientists Convert Blood Type A Donor Lungs Into Neutral Lungs

Jennifer Abbasi

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

JAMA. 2022;327(14):1323. doi:10.1001/jama.2022.5157

## Poetry and Medicine

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### Transfigured in the Underground

Sara Michas-Martin, MFA

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

JAMA. 2022;327(14):1405. doi:10.1001/jama.2022.0863

## JAMA Revisited

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### International Comments

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

JAMA. 2022;327(14):1406. doi:10.1001/jama.2021.16924

## JAMA Patient Page

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### Routine Checkups for Adults

Jill Jin, MD, MPH

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

**FREE** JAMA. 2022;327(14):1410. doi:10.1001/jama.2022.1775

This JAMA Patient Page describes routine checkups and their benefits, as well as what to expect during a checkup.

## Comment & Response

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### Supporting Diagnosis With Next-Generation Artificial Intelligence

Cedric Bousquet, PharmD, PhD; Adrien Coulet, PhD

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

JAMA. 2022;327(14):1400. doi:10.1001/jama.2022.2303

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## Supporting Diagnosis With Next-Generation Artificial Intelligence—Reply

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

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

JAMA. 2022;327(14):1400-1401. doi:10.1001/jama.2022.2306

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## Incidence of Pancreatic Cancer by Age and Sex in the US From 2000 to 2018

Baobao Cai, MD; Kai Zhang, MD, MPH; Yi Miao, MD, PhD

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

JAMA. 2022;327(14):1401. doi:10.1001/jama.2022.2312

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## Incidence of Pancreatic Cancer by Age and Sex in the US From 2000 to 2018

Fergus Keane, MB, BCh; Mengmeng Du, ScD; Eileen M. O'Reilly, MD

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

JAMA. 2022;327(14):1401-1402. doi:10.1001/jama.2022.2309

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## Incidence of Pancreatic Cancer by Age and Sex in the US From 2000 to 2018—Reply

Srinivas Gaddam, MD, MPH; Simon K. Lo, MD

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

JAMA. 2022;327(14):1402-1403. doi:10.1001/jama.2022.2315

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## Treatment Effects in Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale

Gianluca Rigatelli, MD, PhD; Marco Zuin, MD

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

JAMA. 2022;327(14):1403. doi:10.1001/jama.2022.2658

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# Treatment Effects in Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale—Reply

David M. Kent, MD, MS; Jeffrey L. Saver, MD; David E. Thaler, MD, PhD

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

JAMA. 2022;327(14):1403. doi:10.1001/jama.2022.2661

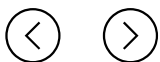
## JAMA Masthead

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### JAMA

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

**FREE** JAMA. 2022;327(14):1315-1316. doi:10.1001/jama.2021.16921



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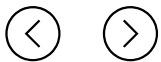
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April 19; 327 (15): 1421-1514



April 19, 2022, Vol 327, No. 15, Pages 1421-1514

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JAMA. 2022;327(15):e2116933. doi:10.1001/jama.2021.16933



**Audio Editors' Summary:** Corticosteroids for Duchenne Muscular Dystrophy, Pregnancy Outcomes After SARS-CoV-2 Vaccination, Association of Race and Ethnicity With Dementia, and more

Original Investigation

Effect of Different Corticosteroid Dosing Regimens on Clinical Outcomes in Boys With Duchenne Muscular Dystrophy: A Randomized Clinical Trial



Michela Guglieri, MD; Kate Bushby, MD; Michael P. McDermott, PhD; et al.

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

JAMA. 2022;327(15):1456-1468. doi:10.1001/jama.2022.4315

This randomized clinical trial compares the efficacy and adverse effects of the 3 most frequently prescribed corticosteroid regimens for boys with Duchenne muscular dystrophy.

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## Association of SARS-CoV-2 Vaccination During Pregnancy With Pregnancy Outcomes

Maria C. Magnus, PhD; Anne K. Örtqvist, MD, PhD; Elisabeth Dahlqwist, PhD; et al.

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

**FREE** JAMA. 2022;327(15):1469-1477. doi:10.1001/jama.2022.3271

This cohort study examines the risk of adverse pregnancy outcomes after vaccination against SARS-CoV-2 during pregnancy based on registry data from Sweden and Norway.

### Editorial

#### COVID-19 mRNA Vaccines During Pregnancy: New Evidence to Help Address Vaccine Hesitancy

Elyse O. Kharbanda, MD, MPH; Gabriela Vazquez-Benitez, PhD

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## Association of COVID-19 Vaccination in Pregnancy With Adverse Peripartum Outcomes

Deshayne B. Fell, PhD; Tavleen Dhinsa, MSc; Gillian D. Alton, PhD; et al.

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

**FREE** JAMA. 2022;327(15):1478-1487. doi:10.1001/jama.2022.4255

This population-based cohort study examines the association between COVID-19 vaccination during pregnancy and maternal and neonatal peripartum outcomes just before, during, or after delivery.

### Editorial

#### COVID-19 mRNA Vaccines During Pregnancy: New Evidence to Help Address Vaccine Hesitancy

## Association of Race and Ethnicity With Incidence of Dementia Among Older Adults

Erica Kornblith, PhD; Amber Bahorik, PhD; W. John Boscardin, PhD; et al.

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

*JAMA*. 2022;327(15):1488-1495. doi:10.1001/jama.2022.3550

This study evaluated racial and ethnic and regional differences in dementia risk within a large, diverse national cohort of older adults receiving care in the Veterans Health Administration.

### Editorial

#### Association of Race and Ethnicity With Dementia

Gwen Yeo, PhD

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## Research Letter

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### Health Risk Factors and Outcomes Among Gender Minority High School Students in 15 US States

Gilbert Gonzales, PhD, MHA; Cameron Deal

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

*JAMA*. 2022;327(15):1498-1500. doi:10.1001/jama.2022.3087

This study uses state data sets from the 2017 and 2019 Youth Risk Behavior Survey to assess health risk factors and health outcomes by gender identity among a large, population-based sample of gender minority adolescents.

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### COVID-19 Cases and Disease Severity in Pregnancy and Neonatal Positivity Associated With Delta (B.1.617.2) and Omicron (B.1.1.529) Variant Predominance

Emily H. Adhikari, MD; Lorre MacDonald, CNM; Jeffrey A. SoRelle, MD; et al.

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

**FREE** JAMA. 2022;327(15):1500-1502. doi:10.1001/jama.2022.4356

This study examines infections, illness severity, vaccinations, and early neonatal infections among obstetric patients during the pre-Delta, Delta, and Omicron periods of the COVID-19 pandemic.

## Viewpoint

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### Reducing “COVID-19 Misinformation” While Preserving Free Speech

William M. Sage, MD, JD; Y. Tony Yang, ScD, LLM, MPH

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

 JAMA. 2022;327(15):1443-1444. doi:10.1001/jama.2022.4231

This Viewpoint discusses actions that health care leaders and policy makers can take to better assess the likely constitutionality of reducing “COVID misinformation” through government prohibitions or sanctions.



**Audio Author Interview:** Reducing “COVID-19 Misinformation” While Preserving Free Speech

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### Medical Need, Financial Resources, and Transplant Accessibility

Sharad I. Wadhwani, MD, MPH; Jennifer C. Lai, MD, MBA; Laura M. Gottlieb, MD, MPH

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

JAMA. 2022;327(15):1445-1446. doi:10.1001/jama.2022.5283

This Viewpoint demonstrates that the financial measures used to place patients on the transplant waiting list is an example of structural racism and offers 3 policy shifts to address those inequities.

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### Enhancing HIV Prevention With New Modalities and Routine Sexual History Discussions

Kenneth H. Mayer, MD; Lao-Tzu Allan-Blitz, MD

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

This Viewpoint highlights the recent CDC updates to preexposure prophylaxis (PrEP) for individuals at risk for HIV and the implications for US clinicians.

## A Piece of My Mind

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### Goals of Care

Julie W. Childers, MD

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

JAMA. 2022;327(15):1449-1450. doi:10.1001/jama.2022.4619

In this narrative medicine essay, a palliative care physician struggles with her role as physician and as daughter during her elderly parents' final days.

## Editorial

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### COVID-19 mRNA Vaccines During Pregnancy: New Evidence to Help Address Vaccine Hesitancy

Elyse O. Kharbanda, MD, MPH; Gabriela Vazquez-Benitez, PhD

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

**FREE** JAMA. 2022;327(15):1451-1453. doi:10.1001/jama.2022.2459

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### Association of Race and Ethnicity With Dementia

Gwen Yeo, PhD

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

JAMA. 2022;327(15):1454-1455. doi:10.1001/jama.2022.4473

## JAMA Clinical Challenge

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### Fever, Hypotension, and a Worsening Necrotic Wound

Danielle M. Peterson, MD; William E. Damsky, MD, PhD; Matthew D. Vesely, MD, PhD

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

A woman had a large, deep ulcer at an injection site on her thigh, with a dusky violaceous border extending 2 to 5 cm from the wound edge, fever to 39.8 °C, and elevated white blood cell count and procalcitonin level; histologic examination of excised tissue showed a dense pan-dermal neutrophilic infiltrate, and multiple blood and tissue cultures were negative. What is the diagnosis and what would you do next?

## Medical News & Perspectives

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### Air Quality and Brain Health

Anita Slomski

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

JAMA. 2022;327(15):1430-1431. doi:10.1001/jama.2022.3691

This Medical News article discusses studies examining associations of air pollution and cognitive health.

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### Medical Groups Defend Patient-Physician Relationship and Access to Adolescent Gender-Affirming Care

Bridget M. Kuehn, MSJ

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

JAMA. 2022;327(15):1432-1434. doi:10.1001/jama.2022.4617

This Medical News article discusses physicians' advocacy to protect patients and the patient-physician relationship amid efforts by politicians to limit access or criminalize gender-affirming care.

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### Pushed to Their Limits, 1 in 5 Physicians Intends to Leave Practice

Jennifer Abbasi

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

JAMA. 2022;327(15):1435-1437. doi:10.1001/jama.2022.5074

This Medical News article discusses burnout, financial stressors, and other factors driving physicians out of medicine during COVID-19.

## News From the Food and Drug Administration

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### Manufacturer Ordered to Raise Awareness of Recalled Medical Devices

Rita Rubin, MA

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

JAMA. 2022;327(15):1439. doi:10.1001/jama.2022.5596

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### First Symbicort Generic Gains Approval

Rita Rubin, MA

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

JAMA. 2022;327(15):1439. doi:10.1001/jama.2022.5095

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### Warning About Surgical Device Misused for Aesthetic Procedures

Rita Rubin, MA

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

JAMA. 2022;327(15):1439. doi:10.1001/jama.2022.5597

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## Global Health

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### Global COVID-19 Death Toll May Be Triple the Reported Deaths

Howard D. Larkin

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

**FREE** JAMA. 2022;327(15):1438. doi:10.1001/jama.2022.4767

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### WHO Urges Monitoring SARS-CoV-2 in Wildlife to Prevent Animal Reservoirs

Howard D. Larkin

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

**FREE** JAMA. 2022;327(15):1438. doi:10.1001/jama.2022.5654

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## Fractionating COVID-19 Vaccine Doses May Save Lives

Howard D. Larkin

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

**FREE** JAMA. 2022;327(15):1438. doi:10.1001/jama.2022.5655

## Poetry and Medicine

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### Open Heart

Zoe Onion

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

JAMA. 2022;327(15):1508. doi:10.1001/jama.2022.1810

## JAMA Revisited

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### The Digestion of Sugar

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

JAMA. 2022;327(15):1509. doi:10.1001/jama.2021.16934


## JAMA Patient Page

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### Acute Cholecystitis

Kristin Walter, MD, MS

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

**FREE**  JAMA. 2022;327(15):1514. doi:10.1001/jama.2022.2969

This JAMA Patient Page describes acute cholecystitis and its risk factors, diagnosis, and treatment.



**Audio Clinical Review:** Acute Cholecystitis

## Comment & Response

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### Use of a Bougie vs Endotracheal Tube With Stylet and Successful Intubation on the First Attempt Among Critically Ill Patients Undergoing Tracheal Intubation

Michael J. Brenner, MD; Brendan A. McGrath, MB, CHB, PhD; Tim M. Cook, MBBS

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

*JAMA*. 2022;327(15):1502-1503. doi:10.1001/jama.2022.2710

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### Use of a Bougie vs Endotracheal Tube With Stylet and Successful Intubation on the First Attempt Among Critically Ill Patients Undergoing Tracheal Intubation

Kotaro Kida, MD, PhD; Yuki Sugimoto, MD; Tomohiko Sato, MD, PhD

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

*JAMA*. 2022;327(15):1503. doi:10.1001/jama.2022.2713

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### Use of a Bougie vs Endotracheal Tube With Stylet and Successful Intubation on the First Attempt Among Critically Ill Patients Undergoing Tracheal Intubation—Reply

Brian E. Driver, MD; Matthew E. Prekker, MD; Jonathan D. Casey, MD

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

*JAMA*. 2022;327(15):1503-1504. doi:10.1001/jama.2022.2716

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### Selection, Effectiveness, and Adverse Effects of Contraception

Ekaterina Skaritanov, BS; Gianna Wilkie, MD; Lara C. Kovell, MD

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

*JAMA*. 2022;327(15):1504. doi:10.1001/jama.2022.2854

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### Selection, Effectiveness, and Adverse Effects of Contraception—Reply

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



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

JAMA. 2022;327(15):1505. doi:10.1001/jama.2022.2857

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## Therapeutic Drug Monitoring vs Standard Therapy During Maintenance Infliximab Therapy and Control of Immune-Mediated Inflammatory Diseases

Eugen Javor, MPharm; Goran Hauser, MD, PhD; Marko Skelin, MPharm, PhD

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

JAMA. 2022;327(15):1505-1506. doi:10.1001/jama.2022.2935

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## Therapeutic Drug Monitoring vs Standard Therapy During Maintenance Infliximab Therapy and Control of Immune-Mediated Inflammatory Diseases

Niels Vande Casteele, PhD

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

JAMA. 2022;327(15):1506. doi:10.1001/jama.2022.2932

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## Therapeutic Drug Monitoring vs Standard Therapy During Maintenance Infliximab Therapy and Control of Immune-Mediated Inflammatory Diseases—Reply

Silje Watterdal Syversen, MD, PhD; Jørgen Jahnsen, MD, PhD; Espen A. Haavardsholm, MD, PhD

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

JAMA. 2022;327(15):1506-1507. doi:10.1001/jama.2022.2938

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## JAMA Masthead

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**FREE** JAMA. 2022;327(15):1421-1422. doi:10.1001/jama.2021.16931



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April 26; 327 (16): 1527-1624



April 26, 2022, Vol 327, No. 16, Pages 1527-1624

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## Audio Highlights

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JAMA. 2022;327(16):e2116943. doi:10.1001/jama.2021.16943



**Audio Editors' Summary:** Respiratory Support in Critically Ill Children, Smoking in Adults With Major Depression or Substance Use Disorders, USPSTF Recommendation on Aspirin to Prevent Cardiovascular Disease, and more

## Original Investigation

Caring for the Critically Ill Patient

**Effect of High-Flow Nasal Cannula Therapy vs Continuous Positive Airway Pressure Following Extubation on Liberation**

# From Respiratory Support in Critically Ill Children: A Randomized Clinical Trial

Padmanabhan Ramnarayan, MD; Alvin Richards-Belle, BSc; Laura Drikite, MSc; et al.

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

JAMA. 2022;327(16):1555-1565. doi:10.1001/jama.2022.3367

This clinical trial evaluates the noninferiority of high-flow nasal cannula (HFNC) therapy vs continuous positive airway pressure (CPAP) as the first-line mode of noninvasive respiratory support following extubation on time to liberation from respiratory support.

## Editorial

### Selecting Intermediate Respiratory Support Following Extubation in the Pediatric Intensive Care Unit

Christopher M. Horvat, MD, MHA; Martha A. Q. Curley, RN, PhD; Timothy D. Girard, MD, MSCI

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# Trends in Prevalence of Cigarette Smoking Among US Adults With Major Depression or Substance Use Disorders, 2006-2019

Beth Han, MD, PhD, MPH; Nora D. Volkow, MD; Carlos Blanco, MD, PhD; et al.

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

JAMA. 2022;327(16):1566-1576. doi:10.1001/jama.2022.4790

This exploratory study was conducted to examine trends in cigarette smoking among adults with and without a major depressive episode, substance use disorder, or both and by age, sex, and race and ethnicity.

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## Research Letter

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# Secondary Attack Rates for Omicron and Delta Variants of SARS-CoV-2 in Norwegian Households

Silje B. Jørgensen, MD, PhD; Karin Nygård, PhD; Oliver Kacelnik, MD, PhD; et al.

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



JAMA. 2022;327(16):1610-1611. doi:10.1001/jama.2022.3780

This nationwide registry data study from Norway assesses the secondary attack rate of SARS-CoV-2 variants Delta and Omicron in an effort to estimate the transmissibility of the Omicron variant.

## Myocarditis Following a Third BNT162b2 Vaccination Dose in Military Recruits in Israel

Limor Friedensohn, MD; Dan Levin, MD; Maggie Fadlon-Derai, MHA; et al.

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



JAMA. 2022;327(16):1611-1612. doi:10.1001/jama.2022.4425

This study assessed whether a third vaccine dose was associated with the risk of myocarditis among military personnel in Israel.

## US Preventive Services Task Force

### Recommendation Statement

## Aspirin Use to Prevent Cardiovascular Disease: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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



JAMA. 2022;327(16):1577-1584. doi:10.1001/jama.2022.4983

This 2022 Recommendation Statement from the US Preventive Services Task Force concludes that the net benefit of low-dose aspirin use in adults aged 40 to 59 years who have a 10% or greater 10-year CVD risk is small; that persons not at increased risk for bleeding and willing to take low-dose aspirin daily are more likely to benefit (C recommendation); and recommends against initiating low-dose aspirin use for the primary prevention of CVD in adults 60 years or older (D recommendation).



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

### Editorial

## Aspirin for Primary Prevention—Time to Rethink Our Approach

Jeffrey S. Berger, MD, MS

## USPSTF Report on Aspirin for Primary Prevention

Donald M. Lloyd-Jones, MD, ScM

## Whom to Treat for Primary Prevention of Atherosclerotic Cardiovascular Disease: The Aspirin Dilemma

Samia Mora, MD, MHS; Chrisandra L. Shufelt, MD, MS; JoAnn E. Manson, MD, DrPH



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

## Should Patients Take Aspirin for Primary Cardiovascular Prevention? Updated Recommendations From the US Preventive Services Task Force

Allan S. Brett, MD



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

### Evidence Report

## Aspirin Use to Prevent Cardiovascular Disease and Colorectal Cancer: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Janelle M. Guirguis-Blake, MD; Corinne V. Evans, MPP; Leslie A. Perdue, MPH; et al.

**Abstract** | **Full Text**

**FREE**



CME



JAMA. 2022;327(16):1585-1597. doi:10.1001/jama.2022.3337

This systematic review to support the 2022 US Preventive Services Task Force Recommendation Statement on aspirin use to prevent cardiovascular disease (CVD) and colorectal cancer (CRC) summarizes published evidence on the benefits and harms of low-dose aspirin use for prevention of CVD and CRC among adults 40 years or older without known CVD and with average risk for CRC.



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

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Jeffrey S. Berger, MD, MS

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Allan S. Brett, MD



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

### Modeling Study

## Aspirin Use to Prevent Cardiovascular Disease and Colorectal Cancer: Updated Modeling Study for the US Preventive Services Task Force

Steven P. Dehmer, PhD; Lauren R. O'Keefe, MS; Corinne V. Evans, MPP; et al.

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



CME



JAMA. 2022;327(16):1598-1607. doi:10.1001/jama.2022.3385

This US Preventive Services Task Force modeling study provides updated estimates of the net balance in benefits and harms of routine use of low-dose aspirin for primary prevention of cardiovascular disease (CVD) and colorectal cancer for hypothetical US cohorts of men and women aged 40 to 79 years with up to 20% 10-year risk for an atherosclerotic CVD event and without prior history of CVD or elevated bleeding risks.



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

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Allan S. Brett, MD



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease


## Viewpoint

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### Attacks on Health Care in the War in Ukraine: International Law and the Need for Accountability

Lawrence O. Gostin, JD; Leonard S. Rubenstein, JD

**Abstract** | **Full Text**

 JAMA. 2022;327(16):1541-1542. doi:10.1001/jama.2022.6045

This Viewpoint from Gostin and Rubenstein examine the violence against health care workers and institutions in the war in Ukraine and potential paths to hold those perpetuating such attacks accountable.



**JAMA Medical News Audio:** Ukrainian Doctors Share Current Experiences

## Editorial

### Catastrophic Health Consequences of the War in Ukraine

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



**JAMA Medical News Audio:** Ukrainian Doctors Share Current Experiences

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## Diagnostic Excellence

### Aligning Incentives for Improving Diagnostic Excellence

Bob Kocher, MD; Ezekiel J. Emanuel, MD, PhD

**Abstract** | **Full Text**

JAMA. 2022;327(16):1543-1544. doi:10.1001/jama.2022.4594

This Viewpoint discusses approaches to improving diagnostic excellence, including realignment of economic incentives, development of metrics, and reporting performance.

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# Drug Pricing With Evidence Development

James C. Robinson, PhD, MPH

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

JAMA. 2022;327(16):1545-1546. doi:10.1001/jama.2022.5403

This Viewpoint describes pricing with evidence development whereby the price of a drug evolves in accordance with the evidence of its clinical benefit.

## A Piece of My Mind

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### Trust Falls

Adeline L. Goss, MD

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

**FREE** JAMA. 2022;327(16):1547-1548. doi:10.1001/jama.2022.5386

In this narrative medicine essay, a neurohospitalist recalls a patient from a palliative care elective during her residency who vividly expressed the joyful moments of her life, a counterbalance that helps her accept her death.


## Editorial

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### Catastrophic Health Consequences of the War in Ukraine

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

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

**FREE**  JAMA. 2022;327(16):1549-1550. doi:10.1001/jama.2022.6046



**JAMA Medical News Audio:** Ukrainian Doctors Share Current Experiences

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### Selecting Intermediate Respiratory Support Following Extubation in the Pediatric Intensive Care Unit

Christopher M. Horvat, MD, MHA; Martha A. Q. Curley, RN, PhD; Timothy D. Girard, MD, MSCI


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



# Should Patients Take Aspirin for Primary Cardiovascular Prevention? Updated Recommendations From the US Preventive Services Task Force

Allan S. Brett, MD

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

 JAMA. 2022;327(16):1552-1554. doi:10.1001/jama.2022.2460



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

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**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

## JAMA Clinical Challenge

### A Woman With Painful Digital Ulcers

Theodora Karagounis, MD; H. Michael Belmont, MD; Avrom S. Caplan, MD

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



CME JAMA. 2022;327(16):1608-1609. doi:10.1001/jama.2022.3667

A woman had 6 months of digital erythema and painful finger ulcers that had increased in number and become more painful in the past several weeks, along with erythematous and scaly papules and scale and fissures on the lateral aspect of several digits. She had normal strength throughout all muscle groups and a normal creatine kinase level. What is the diagnosis and what would you do next?


## Medical News & Perspectives

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### Supervised Consumption Sites—A Tool for Reducing Risk of Overdose Deaths and Infectious Diseases in People Who Use Illicit Drugs

Rita Rubin, MA; Melissa Suran, PhD, MSJ

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

 JAMA. 2022;327(16):1532-1534. doi:10.1001/jama.2022.4017

This Medical News feature discusses supervised consumption sites for people who use illicit drugs.




**JAMA Medical News Audio:** April 2022 Medical News Summary

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### Clinical Trials Disrupted During War in Ukraine

Rita Rubin, MA

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

 JAMA. 2022;327(16):1535-1536. doi:10.1001/jama.2022.5571

This Medical News feature describes how the Russian invasion has disrupted clinical trials in Ukraine as well as Russia.



**JAMA Medical News Audio:** April 2022 Medical News Summary

#### Editorial

#### Catastrophic Health Consequences of the War in Ukraine

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



**JAMA Medical News Audio:** Ukrainian Doctors Share Current Experiences

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### Treating Epilepsy With Antiseizure Medications

Howard Larkin

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

 JAMA. 2022;327(16):1537. doi:10.1001/jama.2022.4599

This Medical News article summarizes a recent Clinical Reviews interview with Andres M. Kanner, MD, of the University of Miami Miller School of Medicine in Miami, Florida about the management of epilepsy in adults using antiseizure drugs.



**Audio Clinical Review:** Epilepsy Diagnosis and Treatment in Adults

## News From the Centers for Disease Control and Prevention

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### COVID-19 Vaccine Effectiveness in Youth Varies by Age, Variant

Bridget M. Kuehn, MSJ

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

**FREE** JAMA. 2022;327(16):1540. doi:10.1001/jama.2022.5842

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### End-stage Kidney Disease Doubles

Bridget M. Kuehn, MSJ

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

**FREE** JAMA. 2022;327(16):1540. doi:10.1001/jama.2022.5342

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## Clinical Trials Update

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### Empagliflozin Improves Quality of Life in HFpEF

Anita Slomski

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

**FREE** JAMA. 2022;327(16):1539. doi:10.1001/jama.2022.4950

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### Gefapixant Curbs Chronic Cough

Anita Slomski

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

**FREE** JAMA. 2022;327(16):1539. doi:10.1001/jama.2022.6207

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### Long-Acting RSV Antibody Injection Protects Healthy Infants

Anita Slomski

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

**FREE** JAMA. 2022;327(16):1539. doi:10.1001/jama.2022.6208

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## Exercise Improves Shoulder Function After Breast Cancer Surgery

Anita Slomski

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

**FREE** JAMA. 2022;327(16):1539. doi:10.1001/jama.2022.6209

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## Health Agencies Update

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### New Recommendations for Collecting Sex and Gender Data

Melissa Suran, PhD, MSJ

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

**FREE** JAMA. 2022;327(16):1538. doi:10.1001/jama.2022.5238

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### White Individuals Experience Less COVID-19-Related Discrimination

Melissa Suran, PhD, MS

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

**FREE** JAMA. 2022;327(16):1538. doi:10.1001/jama.2022.6232

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### More Black Individuals Insured After Affordable Care Act

Melissa Suran, PhD, MSJ

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

**FREE** JAMA. 2022;327(16):1538. doi:10.1001/jama.2022.6233

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## Poetry and Medicine

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## Harbor Seal

Zeynep Berrak Uzumcu, MD

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

**FREE** JAMA. 2022;327(16):1619. doi:10.1001/jama.2022.1863

## JAMA Revisited

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### American Medical Jurisprudence and the Expert Witness

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

**FREE** JAMA. 2022;327(16):1620. doi:10.1001/jama.2021.16944


## JAMA Patient Page

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### Use of Aspirin to Prevent Cardiovascular Disease

Jill Jin, MD, MPH

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

**FREE**  JAMA. 2022;327(16):1624. doi:10.1001/jama.2022.5564

This JAMA Patient Page summarizes the US Preventive Services Task Force's recent recommendations on use of aspirin to prevent cardiovascular disease.



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

#### Editorial

#### Whom to Treat for Primary Prevention of Atherosclerotic Cardiovascular Disease: The Aspirin Dilemma

Samia Mora, MD, MHS; Chrisandra L. Shufelt, MD, MS; JoAnn E. Manson, MD, DrPH



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

#### Should Patients Take Aspirin for Primary Cardiovascular Prevention? Updated Recommendations From the US Preventive Services Task Force

Allan S. Brett, MD



**Audio Author Interview:** USPSTF Recommendation: Aspirin Use for Cardiovascular Disease

## Comment & Response

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### **Minimally Invasive Surfactant Therapy vs Sham Treatment and Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome**

Abdul Razak, MD

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

*JAMA*. 2022;327(16):1613. doi:10.1001/jama.2022.2923

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### **Minimally Invasive Surfactant Therapy vs Sham Treatment and Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome**

Pengxiang Zhou, PharmM; Tongyan Han, MD

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

*JAMA*. 2022;327(16):1613. doi:10.1001/jama.2022.2926

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### **Minimally Invasive Surfactant Therapy vs Sham Treatment and Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome—Reply**

Peter A. Dargaville, MD; John B. Carlin, PhD; Peter G. Davis, MD; et al.

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

*JAMA*. 2022;327(16):1614. doi:10.1001/jama.2022.2929

---

### **A Potential Path to Universal Coverage With Medicare Advantage for All**

Adam Gaffney, MD, MPH; David U. Himmelstein, MD; Steffie Woolhandler, MD, MPH

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

*JAMA*. 2022;327(16):1615. doi:10.1001/jama.2022.3146

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### **A Potential Path to Universal Coverage With Medicare Advantage for All**

Kenneth R. Dardick, MD; Georgia L. Newman, MD

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

JAMA. 2022;327(16):1615-1616. doi:10.1001/jama.2022.3153

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## A Potential Path to Universal Coverage With Medicare Advantage for All

Vincent Mor, PhD; David J. Meyers, PhD, MPH

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

JAMA. 2022;327(16):1616. doi:10.1001/jama.2022.3150

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## A Potential Path to Universal Coverage With Medicare Advantage for All—Reply

Greg J. Zahner, MD, MSc; Peter W. Croughan, MD; Daniel M. Blumenthal, MD, MBA

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

JAMA. 2022;327(16):1616-1617. doi:10.1001/jama.2022.3156

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## Clarification of Conflict of Interest Disclosure

Sean C. Mackey, MD, PhD

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

JAMA. 2022;327(16):1617. doi:10.1001/jama.2022.4787

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## Correction

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## Clarification of Conflict of Interest Disclosure

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

**FREE** JAMA. 2022;327(16):1618. doi:10.1001/jama.2022.5007

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## Data Errors

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

**FREE** JAMA. 2022;327(16):1618. doi:10.1001/jama.2022.5770

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April; 182 (4): 363-463



April 2022, Vol 182, No. 4, Pages 363-463

## Original Investigation

### Effect of Sleep Extension on Objectively Assessed Energy Intake Among Adults With Overweight in Real-life Settings: A Randomized Clinical Trial

Esra Tasali, MD; Kristen Wroblewski, MS; Eva Kahn, MS; et al.

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



*JAMA Intern Med.* 2022;182(4):365-374. doi:10.1001/jamainternmed.2021.8098

This randomized clinical trial examines the energy intake, energy expenditure, and body weight in adults who slept less than 6.5 hours per night.




---

## Risk of Second Allergic Reaction to SARS-CoV-2 Vaccines: A Systematic Review and Meta-analysis

Derek K. Chu, MD, PhD; Elissa M. Abrams, MD, MPH; David B. K. Golden, MDCM; et al.

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

**FREE**  CME *JAMA Intern Med.* 2022;182(4):376-385. doi:10.1001/jamainternmed.2021.8515


This systematic review and meta-analysis of case studies and case reports assesses the risk of severe immediate allergic reactions to a second dose of SARS-CoV-2 mRNA vaccine among persons with immediate allergic reactions to their first vaccine dose.

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## APOL1 Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program

Adriana M. Hung, MD, MPH; Shailja C. Shah, MD, MPH; Alexander G. Bick, MD, PhD; et al.

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

**FREE**  CME *JAMA Intern Med.* 2022;182(4):386-395. doi:10.1001/jamainternmed.2021.8538


This cohort study of US veterans hospitalized with COVID-19 with genetic information and with African ancestry through the VA Million Veteran Program to evaluate the association of *APOL1* variations with acute kidney injury

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## Association of Physician Management Companies and Private Equity Investment With Commercial Health Care Prices Paid to Anesthesia Practitioners

Ambar La Forgia, PhD; Amelia M. Bond, PhD; Robert Tyler Braun, PhD; et al.

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

 *JAMA Intern Med.* 2022;182(4):396-404. doi:10.1001/jamainternmed.2022.0004

This cohort study assesses changes in prices paid to practitioners (anesthesiologists and certified registered nurse anesthetists) before and after an outpatient facility contracted with a physician management company.



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## Mindfulness-Oriented Recovery Enhancement vs Supportive Group Therapy for Co-occurring Opioid Misuse and Chronic Pain in Primary Care: A Randomized Clinical Trial

Eric L. Garland, PhD; Adam W. Hanley, PhD; Yoshio Nakamura, PhD; et al.

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



*JAMA Intern Med.* 2022;182(4):407-417. doi:10.1001/jamainternmed.2022.0033

This randomized clinical trial assesses whether Mindfulness-Oriented Recovery Enhancement is more efficacious than supportive group psychotherapy for reducing opioid misuse among adults with chronic pain receiving long-term opioid therapy.

---

## Association Between Generic-to-Generic Levothyroxine Switching and Thyrotropin Levels Among US Adults

Juan P. Brito, MD, MSc; Yihong Deng, PhD; Joseph S. Ross, MD, MHS; et al.

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

*JAMA Intern Med.* 2022;182(4):418-425. doi:10.1001/jamainternmed.2022.0045

This comparative effectiveness research study examines whether an association exists between switching generic levothyroxine products and changes to serum thyrotropin levels.

---

## Efficacy of Ivermectin Treatment on Disease Progression Among Adults With Mild to Moderate COVID-19 and Comorbidities: The I-TECH Randomized Clinical Trial

Steven Chee Loon Lim, MRCP; Chee Peng Hor, MSc; Kim Heng Tay, MRCP; et al.

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



*JAMA Intern Med.* 2022;182(4):426-435. doi:10.1001/jamainternmed.2022.0189

This randomized clinical trial assesses the efficacy of ivermectin treatment in preventing progression to severe disease among high-risk patients with COVID-19 in Malaysia.

## Invited Commentary

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### Good Sleep, Better Life—Enhancing Health and Safety With Optimal Sleep

Mark R. Rosekind, PhD; Rafael Pelayo, MD; Debra A. Babcock, MD

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

*JAMA Intern Med.* 2022;182(4):374-375. doi:10.1001/jamainternmed.2021.8063

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### Physician Management Companies—Should We Care?

Francis J. Crosson, MD

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

 *JAMA Intern Med.* 2022;182(4):404-406. doi:10.1001/jamainternmed.2022.0001



**Audio Author Interview:** Physician Management Companies and Commercial Health Care Prices Paid to Anesthesia Practitioners

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### Mistreatment Experienced by Internal Medicine Residents—The More Things Change, the More They Stay the Same

Natalie L. Richmond, MD; Lara Goitein, MD

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

*JAMA Intern Med.* 2022;182(4):450-452. doi:10.1001/jamainternmed.2022.0055

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## Research Letter

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### Risk of Immune Thrombocytopenia After Influenza Vaccine

Margaux Lafaurie, PharmD; Maryse Lapeyre-Mestre, MD, PhD; Laurent Sailer, MD, PhD; et al.

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

*JAMA Intern Med.* 2022;182(4):444-445. doi:10.1001/jamainternmed.2021.8523

This cohort study uses data from the French National Health Database to examine the risk of immune thrombocytopenia after receiving influenza vaccine among patients who were 65 years or older.

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## Association of Financial Strain With Mortality Among Older US Adults Recovering From an Acute Myocardial Infarction

Jason R. Falvey, PT, DPT, PhD; Alexandra M. Hajduk, PhD, MPH; Christopher R. Keys, JD; et al.

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

*JAMA Intern Med.* 2022;182(4):445-448. doi:10.1001/jamainternmed.2021.8569

This cohort study explores the association of severe financial strain with elevated mortality risk following an acute myocardial infarction among US adults older than 75 years.

---

### Physician Work Environment and Well-Being

## Prevalence and Sources of Mistreatment Experienced by Internal Medicine Residents

Kathleen M. Finn, MD, MPhil; Alec B. O'Connor, MD, MPH; Kelly McGarry, MD; et al.

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

*JAMA Intern Med.* 2022;182(4):448-450. doi:10.1001/jamainternmed.2022.0051


This survey study examines the prevalence and sources of mistreatment toward internal medicine residents.

---

## Association of County-Level Prescriptions for Hydroxychloroquine and Ivermectin With County-Level Political Voting Patterns in the 2020 US Presidential Election

Michael L. Barnett, MD, MS; Marema Gaye, MA; Anupam B. Jena, MD, PhD; et al.

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

**FREE**  CME *JAMA Intern Med.* 2022;182(4):452-454. doi:10.1001/jamainternmed.2022.0200

This cross-sectional study examines whether an association exists between US county-level prescription rates of hydroxychloroquine and ivermectin and how people voted in the 2020 US presi-

dential election.


## Challenges in Clinical Electrocardiography

---

### Narrow Complex Tachycardias—Therapeutic and Diagnostic Role of Adenosine

Rahul Kumar, MD, DM; Anunay Gupta, MD, DM; Hermohander Singh Isser, MD, DM

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

 CME *JAMA Intern Med.* 2022;182(4):436-437. doi:10.1001/jamainternmed.2021.7764


This case report presents the electrocardiographic findings of a patient in their 40s who presented to the emergency department with sudden-onset rapid palpitations at rest.

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### Apparent Atrial Dissociation and Electrical Alternans

Laszlo Littmann, MD, PhD

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

 CME *JAMA Intern Med.* 2022;182(4):438-439. doi:10.1001/jamainternmed.2021.8466


This case report presents the electrocardiogram findings of a patient in their 50s with recent hospitalization for tricuspid valve endocarditis who was rehospitalized for worsening shortness of breath.

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### Unusual Electrocardiographic Findings in an Elderly Patient With Syncope

Yubin Zhang, MD; Tong Liu, MD, PhD; Gan-Xin Yan, MD, PhD

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

 CME *JAMA Intern Med.* 2022;182(4):440-441. doi:10.1001/jamainternmed.2021.8528

This case report describes a patient in their 80s with a history of controlled hypertension who presented to the emergency department with 1 episode of syncope.

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# An Unusual Cause of ST-Segment Elevation in Lead aVR

Leyu Wang, MD; Shiyong Lin, MD; Guanhua Su, MD, PhD

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



*JAMA Intern Med.* 2022;182(4):442-443. doi:10.1001/jamainternmed.2021.8532

This case report presents the electrocardiogram findings of a patient in their 30s with a 5-hour history of palpitation and chest distress that was accompanied by amaurosis and weakness.

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## Comment & Response

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### Uncovering the Truth of Electromechanical Association Artifact With Limb Lead Electrodes

Yun-Tao Zhao; Ya-Lei Han

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

*JAMA Intern Med.* 2022;182(4):455. doi:10.1001/jamainternmed.2021.8298

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### Uncovering the Truth of Electromechanical Association Artifact With Limb Lead Electrodes—Reply

Yanhong He, MD

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

*JAMA Intern Med.* 2022;182(4):455. doi:10.1001/jamainternmed.2021.8295

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### For and Against Routine Removal of Peripheral Intravenous Catheters

Tomer Meirson, MD, PhD; Adam Goldman, MD, MPH; David Bomze, MD, MPH

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

*JAMA Intern Med.* 2022;182(4):455-456. doi:10.1001/jamainternmed.2021.8301

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### For and Against Routine Removal of Peripheral Intravenous Catheters

Claire M. Rickard, RN, PhD; David L. Paterson, MBBS, PhD; Vineet Chopra, MD, MSc

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

*JAMA Intern Med.* 2022;182(4):456-457. doi:10.1001/jamainternmed.2021.8304

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## For and Against Routine Removal of Peripheral Intravenous Catheters

Agastya Patel, MD; Piotr Sychalski, MD, PhD; Jarek Kobiela, MD, PhD, MBA

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

*JAMA Intern Med.* 2022;182(4):457. doi:10.1001/jamainternmed.2021.8307

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## For and Against Routine Replacement of Peripheral Venous Catheters—Reply

Niccolò Buetti, MD, MSc, PhD; Mohamed Abbas, MD, MSc; Walter Zingg, MD

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

*JAMA Intern Med.* 2022;182(4):457-458. doi:10.1001/jamainternmed.2021.8310

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## Strengthening a Study of Diabetes Progression After Statins Use

Vincent Rigalleau, MD, PhD; Kamel Mohammedi, MD, PhD; Ninon Foussard, MD

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

*JAMA Intern Med.* 2022;182(4):458-459. doi:10.1001/jamainternmed.2021.8350

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## Strengthening a Study of Diabetes Progression After Statin Use

Rahul B. Ganatra, MD, MPH; Anish Bhatnagar, MD; Shoshana J. Herzig, MD, MPH

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

*JAMA Intern Med.* 2022;182(4):459-460. doi:10.1001/jamainternmed.2021.8353

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## Strengthening a Study of Diabetes Progression After Statin Use—Reply

Ishak A. Mansi, MD; Ildiko Lingvay, MD, MPH, MSCS; Carlos A. Alvarez, PharmD, MSc, MSCS

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

## Differential Diagnosis Between Postpacing Cardiac Memory and Ischemic T-Wave Inversion

Yun-Tao Zhao, MD, PhD; Lei Wang, MD

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

JAMA Intern Med. 2022;182(4):460-461. doi:10.1001/jamainternmed.2021.8460

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## Differential Diagnosis Between Postpacing Cardiac Memory and Ischemic T-Wave Inversion—Reply

Ming-Xin Liu, MD; Wei Yan, MD; Chuan-Hai Zhang, MD

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

JAMA Intern Med. 2022;182(4):461. doi:10.1001/jamainternmed.2021.8463

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### Health Care Policy and Law

## Reporting Device-Associated Death Events to the FDA

Michael Ryan, BSE; Ann M. Myers, RN, BS; Aron S. Yustein, MD

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

JAMA Intern Med. 2022;182(4):462. doi:10.1001/jamainternmed.2021.8509

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## Reporting Device-Associated Death Events to the FDA—Reply

Christina Lalani, MD; Madris Kinard, MBA; Rita F. Redberg, MD, MSc

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

JAMA Intern Med. 2022;182(4):462-463. doi:10.1001/jamainternmed.2021.8512

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## JAMA Internal Medicine Masthead

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

**FREE** JAMA Intern Med. 2022;182(4):363. doi:10.1001/jamainternmed.2021.6072





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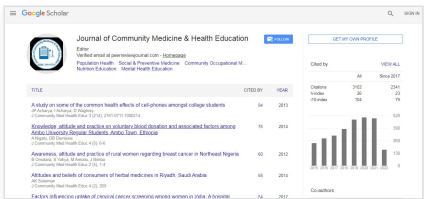
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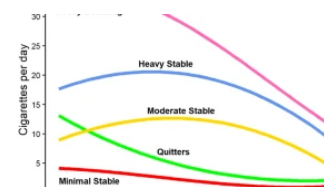
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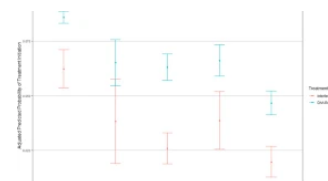
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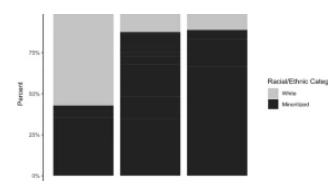
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## Bundled Payment Episodes Initiated by Physician Group Practices: Medicare Beneficiary Perceptions of Care Quality

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## Associations of Chronic Medication Adherence with Emergency Room Visits and Hospitalizations

Michal Shani, Alex Lustman ... Yochai Schonmann

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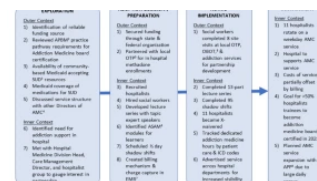
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# The Development and Implementation of a Hospitalist-Directed Addiction Medicine Consultation Service to Address a Treatment Gap

Susan L. Calcaterra, Lauren McBeth ... Marisha Burden

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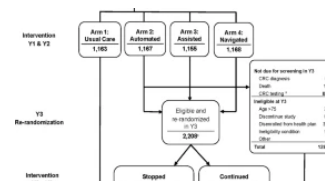


# A Centralized Program with Stepped Support Increases Adherence to Colorectal Cancer Screening Over 9 Years: a Randomized Trial

Beverly B. Green, Melissa L. Anderson ... Sally W. Vernon

Original Research | Published: 28 May 2021

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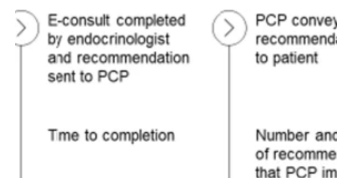
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# HbA1c-Triggered Endocrinology Electronic Consultation for Type 2 Diabetes Management

Andrew S. Oseran, Karthik Rao ... Daniel M. Horn

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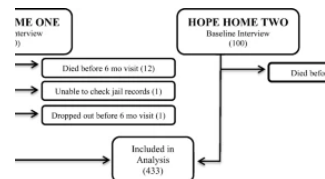
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Ilana Garcia-Grossman, Lauren Kaplan ... Margot Kushel

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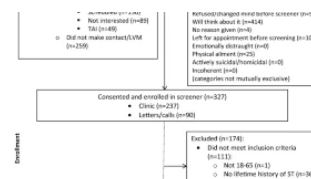
# Computerized Intervention in Primary Care for

# Women Veterans with Sexual Assault Histories and Psychosocial Health Risks: a Randomized Clinical Trial

Suzannah K. Creech, Carey S. Pulverman ... Caron Zlotnick

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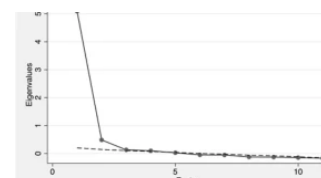


# Examining the Dimensionality of Trust in the Inpatient Setting: Exploratory and Confirmatory Factor Analysis

Megan E. Gregory, Kyi Phyu Nyein ... Ann Scheck McAlearney

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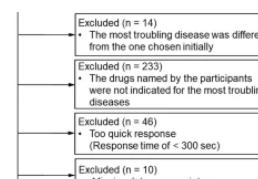
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# Association of Patients' Past Misdiagnosis Experiences with Trust in Their Current Physician Among Japanese Adults

Ryo Suzuki, Nobuyuki Yajima ... Noriaki Kurita

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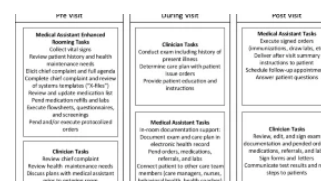


# Discontinuing Cancer Screening for Older Adults: a Comparison of Clinician Decision-Making for Breast, Colorectal, and Prostate Cancer Screenings

Justine P. Enns, Craig E. Pollack ... Nancy L. Schoenborn

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Bethany M. Kwan, Mika K. Hamer ... Peter C. Smith

Original Research: Qualitative Research

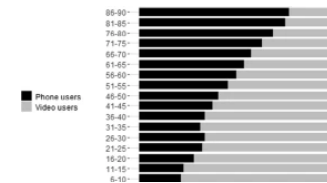
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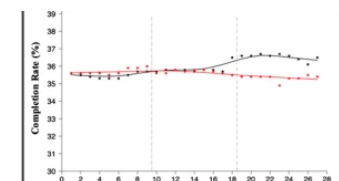
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Esther Kim, Noah Kojima ... Daniel M. Croymans

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Michael J. Van Wert, Sonal Gandhi ... Mansoor Malik

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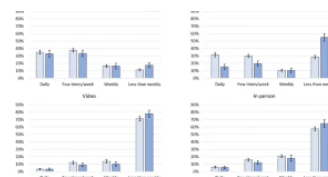
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Claire K. Ankuda, Ashwin Kotwal ... Katherine A. Ornstein

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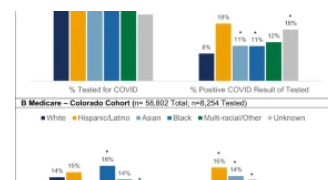


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Jodi K. McCloskey, Jennifer L. Ellis ... Richard W. Grant

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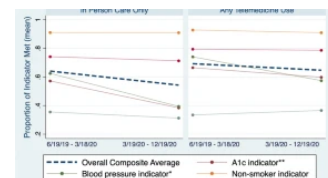
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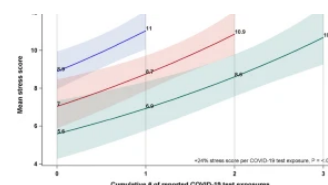
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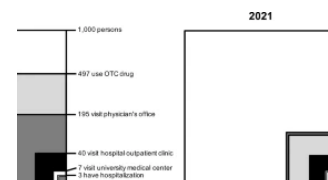


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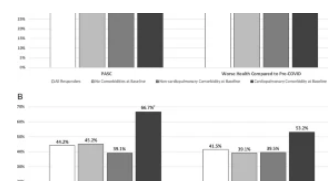


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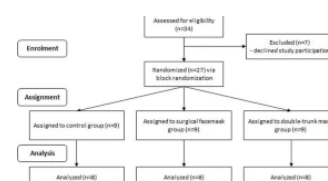


## Systems on Top of Nasal Cannula Improve Oxygen Delivery in Patients with COVID-19: a Randomized Controlled Trial

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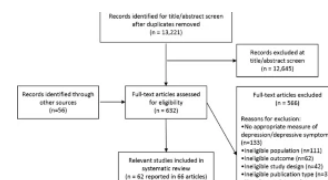
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## The Abrupt Expansion of Ambulatory Telemedicine: Implications for Patient Safety

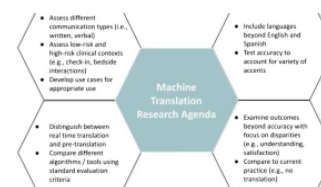
Elaine C Khoong, Anjana E Sharma ... Urmimala Sarkar

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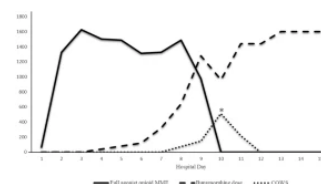
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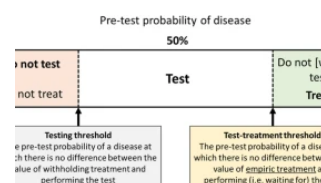
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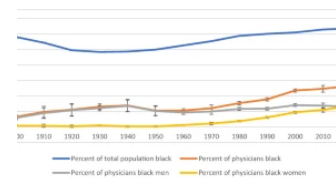


## Historical Trends in the Representativeness and Incomes of Black Physicians, 1900–2018

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## Characteristics of Older Adults Who Cannot Identify a Healthcare Agent

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## Volume 37, supplement issue 1, April 2022

Patient and Veteran Engagement in Healthcare Research. Supplement Editors: Dominick L. Frosch, PhD, Susan L. Zickmund, PhD, Kristin L. Carman, MA, PhD.

23 articles in this issue

### From the Editor's Desk: the Evolving Journey of Engaging Patients as Research Partners

Dominick L. Frosch

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Patient and Veteran Engagement in Health Research: the Emergence of a Field of



## Increasing Engagement of Women Veterans in Health Research

Joya G. Chrystal, Karen E. Dyer ... Alison B. Hamilton

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## A Study Examining the Usefulness of a New Measure of Research Engagement

Deborah J. Bowen, Nicole Ackermann ... Melody Goodman

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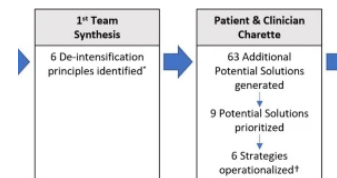
## Applying User-Centered Design to Develop Practical Strategies that Address Overuse in Primary Care

Tanner J. Caverly, Sarah E. Skurla ... Laura J. Damschroder

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## The Impact of COVID-19 on Patient, Family Member, and Stakeholder Research Engagement: Insights from the PREPARE NOW Study

Teri Browne, Shamika Jones ... L. Ebony Boulware

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## Co-creating the Patient Partner Guide by a Multiple Chronic Conditions Team of Patients, Clinicians, and Researchers: Observational Report

Constance van Eeghen, Juvena R. Hitt ... Jennifer O'Rourke Lavoie

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- Workbook and Reference Guide
- Team Directory
- Technology Training
- Confidentiality and Compensation
- Glossary of Terms

Step 5: Maintain Reciprocal Relationships

Each step contains templates, scripts, organizational and facilitation instructions in accessible language to support a human centered approach to sustainable

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## "Not all groups come together, but this one just clicks": Ten Tips for Sustaining an Engagement Panel

Agnes C. Jensen, Erin C. Amundson ... William C Westmoreland Sr

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## Learning to Work Together—a BRIDGE to Engagement

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Ray Facundo

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## The Importance of the Veteran's Voice: Three Veterans Recount Their Engagement with VA Research

Harry L. Maxwell, Paula A. Smith-Benson ... Kimberly M. Brown

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## An End-User's Personal Perspective on the Need of Consumer Involvement in Research

S. M. Ferry, M. Kristi Henzel & Kath M. Bogie

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## Veteran Engagement in Health Services Research: a Conceptual Model

Sara J. Knight, Jeffrey P. Haibach ... Susan L. Zickmund





Perspective | [Open Access](#) | Published: 29 March 2022

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## A Communication Perspective on What Patient Advisory Boards Do: Action-Implicative Discourse Analysis and Negotiating Advice

Evelyn Y. Ho, Robert R. Agne ... Maria T. Chao

Perspective | Published: 30 September 2021

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283 R-Maria: No  
284 R-Abby: No  
285 (3 seconds)  
286 P-Paula: <O>3:4M::m. That's (not good)  
287 (group laughter)  
288 P-Sylvia: (If it's just why (it wouldn't it) be why would it be able?  
289 P-Paula: (It (would) be the same person  
290 P-PAC: Y: Okay  
291 P-Sylvia: Yeah why not?  
292 P-Vision: Logistical?  
293 P-PAC: Y: Yeah  
294 R-Abby: (Logistical? It's really really hard to  
295 P-Daisy: [M...m] yeah  
(3 minutes continued)  
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## Operationalizing Stakeholder Engagement Through the Stakeholder-Centric Engagement Charter (SCEC)

Jenny Martínez, Catherine Verrier Piersol ... Natalie E. Leland

Perspective | [Open Access](#) | Published: 29 March 2022 | Pages: 105 - 108

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## Lessons Learned by Collaborating with Structurally Vulnerable Veterans via a Veterans Engagement Group

Erica Hua Fletcher, Sonya Gabrielian ... Kenneth Wells

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## Engagement in Prescription Opioid Tapering Research: the EMPOWER Study and a Coproduction Model of Success

Aram Mardian, Luzmercy Perez ... Beth D. Darnall

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## Health Experiences Research as a Resource and Mechanism for Veteran Engagement in VA Healthcare Research and Care Delivery

Shannon M. Nugent, Erika Cottrell ... Mark Helfand

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## Involving Stakeholders as Communication Partners in Research Dissemination Efforts

A. Rani Elwy, Elizabeth M. Maguire ... Gavin S. West

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To Shave or Not to Shave? Ethnic Equity Implications in the Management of Pseudofolliculitis Barbae

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## ✔ Predictors of Primary Care Practice Among Medical Students at the Michigan State University College of Human Medicine

Jennifer Edwards-Johnson, Youngjun Lee, Andrea Wendling, Baijiu Patel and Julie Phillips

The Journal of the American Board of Family Medicine March 2022, 35 (2) 370-379; DOI: <https://doi.org/10.3122/jabfm.2022.02.210257>

## ✔ Prescription Patterns of Novel Antihyperglycemic Medications

Arif S. Ali, Madiha Khan, Danielle Ortega, Syed Jaffery, Lois E. Lamerato and Katarzyna Budzynska

The Journal of the American Board of Family Medicine March 2022, 35 (2) 255-264; DOI: <https://doi.org/10.3122/jabfm.2022.02.210360>

## ✔ Against Our Instincts: Decriminalization of Buprenorphine

John C. Messinger, Anand Chukka and J. Wesley Boyd

The Journal of the American Board of Family Medicine March 2022, 35 (2) 394-397; DOI: <https://doi.org/10.3122/jabfm.2022.02.210308>

## ✔ This Issue's Emphasis: Inequity and COVID-19, Intertwined

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

The Journal of the American Board of Family Medicine March 2022, 35 (2) 215-218; DOI: <https://doi.org/10.3122/jabfm.2022.02.220037>

## ✔ Impact of the COVID-19 Pandemic on Exercise Habits Among US Primary Care Patients

Natalie Wood Byrne, Daniel J. Parente and Nicole T. Yedlinsky

The Journal of the American Board of Family Medicine March 2022, 35 (2) 295-309; DOI: <https://doi.org/10.3122/jabfm.2022.02.210313>

## ✔ Support Physicians Who Identify as Underrepresented Minorities—But All Physicians Should Care for Vulnerable Populations

A. Seiji Hayashi

The Journal of the American Board of Family Medicine March 2022, 35 (2) 398-399; DOI: <https://doi.org/10.3122/jabfm.2022.02.220036>

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Moy, Ernest

Medical Care. 60(4):273-274, April 2022.

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## Brief Report

## Suicide Among American Indian and Alaska Native Veterans Who Use Veterans Health Administration Care: 2004–2018 ([https://journals.lww.com/lww-medicalcare/Fulltext/2022/04000/Suicide\\_Among\\_American\\_Indian\\_and\\_Alaska\\_Native](https://journals.lww.com/lww-medicalcare/Fulltext/2022/04000/Suicide_Among_American_Indian_and_Alaska_Native)).

Mohatt, Nathaniel V.; Hoffmire, Claire A.; Schneider, Alexandra L.; More  
Medical Care. 60(4):275-278, April 2022.

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### Comparing Gold-standard Copayment and Coinsurance Values From Claims Processing Engines to Values Derived From Behavioral Health Claims Databases ([https://journals.lww.com/lww-medicalcare/Fulltext/2022/04000/Comparing\\_Gold\\_standard\\_Copayment\\_and\\_Coinsurar](https://journals.lww.com/lww-medicalcare/Fulltext/2022/04000/Comparing_Gold_standard_Copayment_and_Coinsurar)

Friedman, Sarah A.; Xu, Haiyong; Azocar, Francisca; More  
Medical Care. 60(4):279-286, April 2022.

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



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





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Topics: covid-19, pandemics, personal satisfaction, coronavirus pandemic, mental health

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### **Severity of Acute COVID-19 in Children <18 Years Old March 2020 to December 2021** ✓

Christopher B. Forrest, MD, PhD; Evanette K. Burrows, MPH; Asuncion Mejias, MD, PhD; Hanieh Razzaghi, MPH; Dimitri Christakis, MD, MPH ...

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Topics: covid-19, severity of illness

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### **Integrating Pediatric Universal Behavioral Health Care at Federally Qualified Health Centers** ✓

R. Christopher Sheldrick, PhD; Megan H. Bair-Merritt, MD, MSCE; Michelle P. Durham, MD, MPH; Jessica Rosenberg, MPH; Mahader Tamene, MS ...

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Andrew G. Sokolow, MD; Amy P. Stallings, MD; Carolyn Kercsmar, MD; Theresa Harrington, MD, MPH; Natalia Jimenez-Truque, PhD, MSCI ...

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Jennifer L. Beauregard, PhD, MPH; Jennifer M. Nelson, MD, MPH; Ruowei Li, MD, PhD; Cria G. Perrine, PhD; Heather C. Hamner, PhD, MS, MPH

Abstract 

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Topics: breast feeding, prenatal care, low income, obstetrics, pacifiers

## Food Insecurity and Cardiometabolic Markers: Results From the Study of Latino Youth

Luis E. Maldonado, PhD; Daniela Sotres-Alvarez, DrPH; Josiemer Mattei, PhD; Krista M. Perreira, PhD; Amanda C. McClain, PhD ...

[Abstract](#) [View article](#)[Supplementary data](#) [PDF](#)

Topics: food, food insecurity, high density lipoprotein cholesterol, hispanics or latinos, food security

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## **Diverse Sexual and Gender Identity, Bullying, and Depression Among Adolescents**

Amy L. Gower, PhD; G. Nic Rider, PhD; Camille Brown, PhD, RN; Marla E. Eisenberg, ScD, MPH

[Abstracts](#) [View article](#) [PDF](#)

Topics: bullying, depressive disorders, female homosexuality, gender identity, homosexuality

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## **Predictive Ability of 10-Minute Apgar Scores for Mortality and Neurodevelopmental Disability**

Vivek V. Shukla, MD; Carla M. Bann, PhD; Maran Ramani, MD; Namasivayam Ambalavanan, MD; Myriam Peralta-Carcelen, MD ...

[Abstract](#) [View article](#)[Supplementary data](#) [PDF](#)

Topics: apgar score, resuscitation, disability, severe disabilities, hypothermia, induced

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## **Neighborhood Socioeconomic Deprivation and Health Care Utilization of Medically Complex Children**

Joanna Thomson, MD, MPH; Breann Butts, MD; Saige Camara, MD; Erika Rasnick, MS; Cole Brokamp, PhD ...

[Abstract](#) [View article](#)[Supplementary data](#) [PDF](#)

Topics: health care use, inpatients, medically complex conditions, neighborhood, socioeconomic factors

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## Family Screening After Sudden Death in a Population-Based Study of Children ✓

Prince J. Kannankeril, MD, MSCI; M. Ben Shoemaker, MD, MSCI; Darlene Fountain, RN; Dan M. Roden, MD; Mark Yandell, PhD ...

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Topics: dna, sudden death, heart diseases, ecological study, echocardiography

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## Mobilization Safety of Critically Ill Children ✓

Jessica M. LaRosa, MD; Archana Nelliott, MD; Munfarid Zaidi, MD; Dhananjay Vaidya, PhD; Ronke Awojoodu, MPH, RN ...

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Topics: critically ill children, mobility, pediatric intensive care unit, delirium

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## Financial Implications of Short Stay Pediatric Hospitalizations ✓

David C. Synhorst, MD; Matt Hall; Michelle L. Macy, MD, MS; Jessica L. Bettenhausen, MD; Jessica L. Markham, MD, MSc ...

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Topics: billing and payment, healthcare payer, inpatients, demography

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## Early Discontinuation, Results Reporting, and Publication of Pediatric Clinical Trials ✓

Ryan Brewster, MD; Melissa Wong, BA; Christopher J. Magnani, MD, MPhil; Hailey Gunningham, BS; Madison Hoffer, BS ...

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Topics: biological products, ethics, evidence-based practice, government, medical devices

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## Commentary

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### Data-Driven Approaches to Maximize the Impact of Pediatric Clinical Trials ✓

Florence T. Bourgeois, MD, MPH

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Topics: academic medical centers, clinical research, consensus, data sharing, data transparency

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## From the American Academy of Pediatrics

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### Health Care Clinicians and Product Promotion by Industry ✓

Douglas S. Diekema, MD, MPH, FAAP; THE COMMITTEE ON BIOETHICS

Abstract ▼

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Topics: bioethics, decision making, ethics, marketing, medical devices

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### Health Care Clinicians and Product Promotion by Industry ✓

Douglas S. Diekema, MD, MPH, FAAP

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Topics: conflict of interest, education, medical, continuing, gifts, marketing, medical devices

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### AAP Publications Reaffirmed ✓

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Topics: adverse event, aids, pediatric, anti-retroviral agents, central nervous system, child health

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### Bringing Geospatial Awareness to Community Pediatrics and Primary Care ✓

Michelle Trivedi, MD, MPH; Andrew F. Beck, MD, MPH; Arvin Garg, MD, MPH

Extract ▼

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Topics: community, community pediatric service, neighborhood, delivery of health care

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### Making Decisions About Krabbe Disease Newborn Screening ✓

Samantha A. Schrier Vergano, MD; Shibani Kanungo, MD, MPH; Georgianne Arnold, MD

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Topics: decision making, globoid cell leukodystrophy, narcotic bowel syndrome, neonatal screening, nijmegen breakage syndrome

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## Family Partnerships

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### Shared Decision-Making for Juvenile Scoliosis ✓

Robert K. Lark, MD, MS; Elizabeth (Ellie) H. Garman; Mary Jackson, PT, DPT, PCS, C/NDT; Katherine S. Garman, MD, MHS

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Topics: braces, scoliosis, care plan

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## Feature

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### Hamnet in the NICU ✓

Anoushka Sinha, MD, MS

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Topics: neonatal intensive care units

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## Advocacy Case Study

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### Vaccination for Justice-Involved Youth ✓

Paula N. Goldman, MD; Nicholas Szoko, MD; Laura Lynch, PA; Jacquelin Rankine, MD, MS

[Abstract ▾](#)[View article](#)[PDF](#)

Topics: covid-19 vaccines, vaccination, vaccines, community, covid-19

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## Research Briefs

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### Benzodiazepine and Stimulant Prescriptions Before Overdose in Youth ✓

Greta Bushnell, PhD, MSPH; Hillary Samples, PhD, MHS; Tobias Gerhard, BSPHarm, PhD; Diane P. Calello, MD; Mark Olfson, MD, MPH

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Topics: benzodiazepines, central nervous system stimulants, overdose

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## Review Articles

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### Simulation-Based Emergency Team Training in Pediatrics: A Systematic Review ✓

Signe Thim, MD; Tine Brink Henriksen, MD, PhD; Henrik Laursen, MSc; Anders Lund Schram, MSc; Charlotte Paltved, MD, MHPE ...

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Topics: airway maintenance, extracorporeal membrane oxygenation, patient-focused outcomes, simulation training, work teams

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## Tactile Stimulation in Newborn Infants With Inadequate Respiration at Birth: A Systematic Review ✓

Ruth Guinsburg, MD, PhD; Maria Fernanda B. de Almeida, MD, PhD; Emer Finan, MB, MEd; Jeffrey M. Perlman, MB; Jonathan Wyllie, MBChB ...

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Topics: birth, continuous positive airway pressure, data analysis, desiccation, endotracheal intubation

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## Glycerin Suppositories and Enemas in Premature Infants: A Meta-analysis ✓

Paul R. Burchard, MD; Raymond Lay; Luis I. Ruffolo, MD; Suzanne N. Ramazani, DO; J. Mark Walton, MD ...

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Topics: emergency evacuation, enema administration, glycerol, infant, premature, necrotizing enterocolitis

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## State-of-the-Art Review Article

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## Addressing Adverse Childhood Experiences in Primary Care: Challenges and Considerations ✓

Howard Dubowitz, MD, MS; David Finkelhor, PhD; Adam Zolotor, MD; Jennifer Kleven, MD, MPH; Neal Davis, MD

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Topics: adverse childhood experiences, motivational interviewing, pentachlorophenol, personal satisfaction, phencyclidine

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## Special Article

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## Defining Developmental-Behavioral Pediatrics ✓

Carol C. Weitzman, MD; Rebecca A. Baum, MD; Jill Fussell, MD; Damon Korb, MD; Laurel K. Leslie, MD, MPH ...

[Abstract](#) [View article](#)[PDF](#) 

Topics: developmental and behavioral pediatrics, community, behavior disorders, child development, disability

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## Quality Reports

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### Improving Pneumococcal Vaccination Rates in High-risk Children in Specialty Clinics

Julia G. Harris, MD; Luke A. Harris, MBA; Liset Olarte, MD; E. Claire Elson, PharmD; Rachel Moran, BA ...

[Abstract](#) [View article](#)[Supplementary data](#)[PDF](#) 

Topics: communicable diseases, pneumococcal 23-valent vaccine, pneumococcal vaccine, rheumatology, vaccination

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### Using Quality Improvement Science to Promote Reliable Communication During Family-Centered Rounds

Alexander F. Glick, MD, MS; Lauren Z. Foster, MD; Michael Goonan, MD; Louis H. Hart, MD; Sadia Alam, BS ...

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Topics: discharge planning, participation in ward rounds, family-centered rounds, templates

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### Improving Vancomycin Stewardship in Critically Ill Children

Kathleen Chiotos, MD, MSCE; Julie C. Fitzgerald, MD, PhD, MSCE; Molly Hayes, PharmD; Hannah Dashefsky, BSN, RN; Talene A. Metjian, PharmD ...

[Abstract](#) [View article](#)[Supplementary data](#)[PDF](#) 

Topics: vancomycin, bacteremia, methicillin-resistant staphylococcus aureus, sepsis

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### Differentiating Eosinophilic Esophagitis and Eating/Feeding Disorders

Nicole Cifra, MD, MPH; Jeanne M. Lomas, DO

[Abstract](#) 

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Topics: atopy, avoidant/restrictive food intake disorder, choking, deglutition disorders, eating

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### Polyendocrine Autoimmunity and Diabetic Ketoacidosis Following Anti-PD-1 and Interferon $\alpha$

Aditi Dasgupta, MD; Eric Tsay, MD; Noah Federman, MD; Melissa G. Lechner, MD, PhD; Maureen A. Su, MD

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Topics: autoimmunity, diabetic ketoacidosis, human leukocyte interferon, interferons, autoantibodies

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## Promoting Lifespan Health and Well-Being Through the Autism Intervention Research Network

### Supplement Article

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#### Promoting Lifespan Health and Well-Being Through the Autism Intervention Research Network ✓

Alice A. Kuo, MD, PhD

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Topics: autistic disorder, personal satisfaction, life span

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#### The Autism Intervention Research Network on Physical Health (AIR-P) Charter ✓

Alice A. Kuo, MD, PhD; Emily Hotez, PhD; Kashia A. Rosenau, PhD; Candace Gragnani, MD, MPH; Priyanka Fernandes, MBBS, MPH ...

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Topics: autistic disorder, physical health

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#### The Autism Intervention Research Network on Physical Health (AIR-P) Research Agenda ✓

Alice A. Kuo, MD, PhD; Emily Hotez, PhD; Kashia A. Rosenau, PhD; Candace Gragnani, MD, MPH; Priyanka Fernandes, MBBS, MPH ...

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Topics: autistic disorder, physical health, agenda

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## **The Autism Intervention Research Network on Physical Health Autistic Researcher Review Board**

Heather M. Brown, PhD, MEd; Patrick S. R. Dwyer, MA; Dena L. Gassner, MSW;  
Steven K. Kapp, PhD; Ari Ne'eman, BA ...

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Topics: autistic disorder, physical health

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## **Meeting the Primary Care Needs of Autistic Individuals**

Alice A. Kuo, MD, PhD; Audrey Torrest, MD

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Topics: autistic disorder

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## **Promoting Healthy Lifestyles and Well-Being in Autistic Youth**

Candace M. Gragnani, MD, MPH; Priyanka Fernandes, MBBS, MPH

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Topics: autistic disorder, healthy lifestyle, personal satisfaction

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## **Improving Care and Service Delivery for Autistic Youths Transitioning to Adulthood**

Paul Shattuck, PhD; Lindsay Shea, DrPH, MS

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Topics: adolescent, autistic disorder, delivery of health care

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## **Improving the Sexual and Reproductive Health and Health Care of Autistic People**

Laura Graham Holmes, PhD; Jennifer L. Ames, MS, PhD; Maria L. Massolo, PhD;  
Denise M. Nunez, MD, MPH; Lisa A. Croen, PhD

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Topics: autistic disorder, prenatal care, reproductive physiological process, postnatal care, sex education

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## Improving Awareness, Identification, and Treatment of Motor Impairments in Autism ✓

Rujuta B. Wilson, MD, MS

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Topics: autistic disorder, motor deficits

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## The Role of Genetic Testing Among Autistic Individuals ✓

Iram Shafqat, MD; Kashia A. Rosenau, PhD; Julian A. Martinez-Agosto, MD, PhD

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Topics: autistic disorder, genetic screening

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## Addressing the Intersectionality of Race and Disability to Improve Autism Care ✓

Elizabeth H. Morgan, PhD, EdM; Rylin Rodgers, BA; John Tschida, MPP

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Topics: autistic disorder, disability, intersectional framework

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## First Do No Harm: Suggestions Regarding Respectful Autism Language ✓

Patrick Dwyer, MA; Jacalyn G Ryan, MA, CPA, CMA; Zachary J Williams, BS; Dena L Gassner, MSW

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Topics: autistic disorder, languages

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## Autism and COVID-19 ✓

Priyanka Fernandes, MBBS, MPH; Hannah Kwak, MD, MPH

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Topics: autistic disorder, covid-19

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## Promoting Interdisciplinary and Participatory Autism Research ✓

Kashia A. Rosenau, PhD; Emily Hotez, PhD

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Topics: autistic disorder

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## Barriers to Inclusive Learning for Autistic Individuals ✓

TC Waisman, EdD; Laura A. Alba, MS, MA; Shulamite A. Green, PhD

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Topics: autistic disorder

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## Hospital Inpatient Stays for Autistic Youth and Youth With Other Disabilities ✓

Jessica E. Rast, MPH; Anne M. Roux, MPH, MA; Sherira J. Fernandes, PhD, NCSP; Vera D'Silva, BSN, RN-BC; Lindsay L. Shea, DrPH, MS

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Topics: autistic disorder, inpatients, disability, ambulatory care sensitive conditions

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## Family Perceptions of Health Care Access for Autistic Young Adults Receiving Disability Services ✓

Anne M. Roux, MPH; Jessica E. Rast, MPH; Lindsay L. Shea, DrPH

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Topics: autistic disorder, disability, young adult, health services accessibility

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## Reproductive Health and Substance Use Education for Autistic Youth

Laura Graham Holmes, PhD; Jessica E. Rast, MPH; Anne M. Roux, MPH, MA; Emily F. Rothman, ScD

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Topics: autistic disorder, reproductive physiological process, substance use disorders, disability

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## A Residency Program Curriculum to Improve Health Care Transitions for Autistic Individuals

Priyanka Fernandes, MBBS, MPH; Jason Timmerman, BA; Emily Hotez, PhD; Madeline Haley, BS; Angela Reyes, MPH ...

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Topics: autistic disorder, internship and residency, program directors, transition of care, curriculum development

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## Emergency Visits for Autistic Children and Children With ADHD

Whitney Schott, PhD; Sha Tao, MPH; Lindsay Shea, PhD

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Topics: adult attention deficit hyperactivity disorder, attention-deficit/hyperactivity disorder, autistic disorder, mental disorders, mood disorder

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