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(https://journals.lww.com/academicmedicine/Fulltext/2020/12000/Learning_From_the_P

Ross, Paula T.; Lypton, Monica L.; Byington, Carrie L.; More

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Toofan, Yalda; Carman, Kelsey; Santos, Maria Paola

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Being Black in Medicine in the Midst of COVID-19 and Police Violence

(https://journals.lww.com/academicmedicine/Fulltext/2020/12000/Being_Black_in_Medic

Kwaning, Karen M.

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Mustapha, Taj; Eyssalenne, Toni

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Diversity in Alpha Omega Alpha Honor Medical Society (https://journals.lww.com/academicmedicine/Fulltext/2020/12000/Diversity_in_Alpha_O

Minor, Suzanne; Brewster, Cheryl


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Kurtz, Joshua B.; Ibrahim, Nadine; Fausone, Maureen


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Thomas, Billy


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Mission Unify: Holistic Admissions Policies Should Include Both African American and Non-African American Blacks

(https://journals.lww.com/academicmedicine/Fulltext/2020/12000/Mission_Unify___Holis


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Does Criticism of Minority Faculty Result From a Lack of Senior Leadership Training and Accountability?

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Shim, Ruth S.
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Will Losing Black Physicians Be a Consequence of the COVID-19 Pandemic?

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Filut, Amarette; Carnes, Molly

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Public Health Is Essential: COVID-19's Learnable Moment for Medical Education

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Capers, Christian Anne

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☐ Perspectives

Changing How Race Is Portrayed in Medical Education: Recommendations From Medical Students (https://journals.lww.com/academicmedicine/Fulltext/2020/12000/Changing_How_Race_

Nieblas-Bedolla, Edwin; Christophers, Briana; Nkinsi, Naomi T.; More
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The Conscientious Use of Images Illustrating Diversity in Medical Education Marketing (https://journals.lww.com/academicmedicine/Fulltext/2020/12000/The_Conscientious_Us

Hernandez, Rachael; Hoffmann-Longtin, Krista; Patrick, Shawn; More
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

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Behbahani, Sara; Smith, Cynthia A.; Carvalho, Michelly; More
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Fassiotto, Magali; Flores, Brenda; Victor, Robert; More



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Changing the Public's Health Story: Reducing Wasteful Medical Care Spending

This issue features a special dossier on why the United States pays so much for inadequate health care, and what makes this moment an opportunity to change the system for the better. Another section features an international forum on COVID-19, with experiences and recommendations from around the world. The issue also includes research and perspectives on the mental health effects of caregiving for emerging adults, disparities in maternal and infant outcomes, effectiveness of penalties for lockdown violations, and more.

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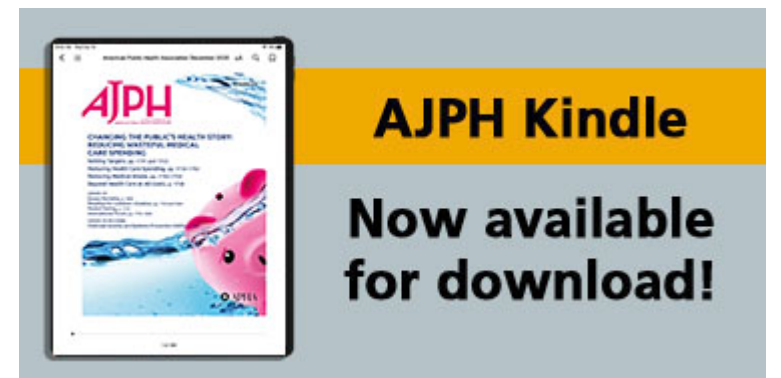
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M.L. Ranney, C. Herges, L. Metcalfe, J.D. Schuur, P. Hain, and A. Rowhani-Rahbar

Firearm injuries are a serious public health problem in the United States, with profound physical, mental, and economic consequences. The authors quantified the economic effect of firearm injuries among survivors of gunshot wounds by comparing their health care costs 6 months before and after the injury.

Key Evidence Supporting Prescription Opioids Approved by the U.S. Food and Drug Administration, 1997 to 2018 956

J. Heyward, T.J. Moore, J. Chen, K. Meek, P. Lurie, and G.C. Alexander

Opioid overdose accounts for many deaths in the United States. This article describes the quality of safety and efficacy data in new drug applications for opioid analgesics approved by the U.S. Food and Drug Administration between 1997 and 2018.

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K.A. Fisher, S.J. Bloomstone, J. Walder, S. Crawford, H. Fouayzi, and K.M. Mazor

Once a COVID-19 vaccine becomes available, maximizing uptake and coverage will be important. This national survey explored factors associated with vaccine hesitancy. The results suggest that multipronged efforts will be needed to increase acceptance of the vaccine.

Probable Evidence of Fecal Aerosol Transmission of SARS-CoV-2 in a High-Rise Building 974

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This study investigated whether SARS-CoV-2 transmission via fecal aerosols in the drainage pipe system may have caused COVID-19 infections in a cluster of 3 families living in a high-rise building in China.

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R. Schwartz, J.L. Sinsky, U. Anand, and R.D. Margolis
Clinicians involved in previous pandemics encountered mental health problems, and their experience predicts

that clinicians working in the COVID-19 pandemic will face similar issues. This article reviews how to prevent these problems and how to manage them as they develop.

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A.R. Sehgal

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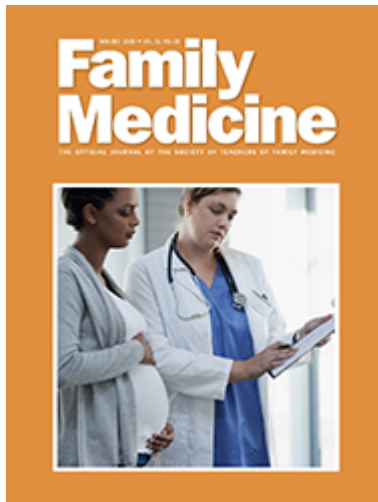
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Racial and ethnic disparities in care for health system-affiliated physician organizations and non-affiliated physician organizations (/node/674520)

Justin W. Timbie Ph.D., Ashley M. Kranz PhD, Maria DeYoreo PhD, Blen Eshete-Roesler MPH, Marc N. Elliott, José J. Escarce, Mark E. Totten MS, Cheryl L. Damberg Ph.D.

Health system affiliation of physician organizations and quality of care for Medicare beneficiaries who have high needs (/node/674533)

Ashley M. Kranz PhD, Maria DeYoreo PhD, Blen Eshete-Roesler MPH, Cheryl L. Damberg Ph.D., Mark Totten, José J. Escarce, Justin W. Timbie Ph.D.

Are health systems redesigning how health care is delivered? (/node/674532)

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Understanding how health systems facilitate primary care redesign (/node/674537)

Jillian B. Harvey M.P.H., Ph.D., Jocelyn Vanderbrink MHA, Yasmin Mahmud MPH, Erin Kitt-Lewis PhD, RN, Laura Wolf MSW, Bethany Shaw MHA, M. Susan Ridgely, Cheryl L. Damberg Ph.D., Dennis P. Scanlon Ph.D.



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December 1; 324 (21): 2131-2222



December 1, 2020, Vol 324, No. 21, Pages 2131-2222

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JAMA. 2020;324(21):e200047. doi:10.1001/jama.2020.0047



Audio Editors' Summary: Cannabis and Impaired Driving, Gastric Balloons for Weight Loss, Child Hearing Loss Review, and more

Original Investigation

Effect of Hydroxychloroquine on Clinical Status at 14 Days in Hospitalized Patients With COVID-19: A Randomized Clinical Trial

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This randomized trial compares the effects of hydroxychloroquine vs placebo on clinical status at 14 days (home, requiring noninvasive or invasive ventilation or extracorporeal membrane oxygenation, hospitalized, died) among adults hospitalized with coronavirus disease 2019 (COVID-19).



Audio Clinical Review: Why Are We Still Talking About Hydroxychloroquine as a Treatment for COVID-19?

Editorial

Misguided Use of Hydroxychloroquine for COVID-19: The Infusion of Politics Into Science

Michael S. Saag, MD

Effect of Cannabidiol and Δ^9 -Tetrahydrocannabinol on Driving Performance: A Randomized Clinical Trial

Thomas R. Arkell, PhD; Frederick Vinckenbosch, MSc; Richard C. Kevin, PhD; et al.

Abstract | **Full Text**

This crossover randomized clinical trial evaluated driving test performance of healthy young adult volunteers after vaporized consumption of cannabis (Δ^9 -tetrahydrocannabinol [THC] and cannabidiol [CBD]) vs placebo.



Audio Clinical Review: The Effect of Cannabis Intoxication on Driving Ability

Editorial

Cannabis and Impaired Driving

Thomas B. Cole, MD, MPH; Richard Saitz, MD, MPH

Association of Use of a Meningococcus Group B Vaccine With Group B Invasive Meningococcal Disease Among Children in Portugal



This case-control study uses national hospital and immunization records in Portugal to estimate the difference in incidence of invasive group B meningococcal disease among children and adolescents who were immunized vs not immunized with 4CMenB, a 4-component meningococcus group B vaccine licensed in 2013.

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Research Letter

Trends in Dispensing of Zolpidem and Low-Dose Trazodone Among Commercially Insured Adults in the United States, 2011-2018

Jenna Wong, PhD; Mara Murray Horwitz, MD, MPH; Suzanne M. Bertisch, MD, MPH; et al.

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

JAMA. 2020;324(21):2211-2213. doi:10.1001/jama.2020.19224

This study uses IBM MarketScan database data to describe trends in zolpidem and low-dose trazodone dispensing among adults with employer-sponsored insurance or Medicare supplemental plans between 2011 and 2018, before and after a 2017 clinical practice guideline discouraged trazodone use for insomnia.

Viewpoint

Therapy for Early COVID-19: A Critical Need

Peter S. Kim, MD; Sarah W. Read, MD, MHS; Anthony S. Fauci, MD

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



CME JAMA. 2020;324(21):2149-2150. doi:10.1001/jama.2020.22813

In this Viewpoint, Fauci and NIAID colleagues review leading candidates for treatment of mild to moderate coronavirus disease 2019 (COVID-19) to prevent disease progression and longer-term

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therapies, and the challenges of developing randomized trials to rapidly evaluate the safety and efficacy of each.

The Challenges Ahead With Monoclonal Antibodies: From Authorization to Access

Robert H. Goldstein, MD, PhD; Rochelle P. Walensky, MD, MPH

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


FREE  CME JAMA. 2020;324(21):2151-2152. doi:10.1001/jama.2020.21872

This Viewpoint discusses questions about clinical indication, supply, distribution, and cost and coverage that will need to be resolved if monoclonal antibodies are granted Emergency Use Authorization or licensure and become available as treatment for COVID-19.

The Need for More and Better Testing for COVID-19

Yukari C. Manabe, MD; Joshua S. Sharfstein, MD; Katrina Armstrong, MD

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

FREE  CME JAMA. 2020;324(21):2153-2154. doi:10.1001/jama.2020.21694

This Viewpoint proposes criteria for more effective COVID-19 testing strategies to manage population transmission, including use of rapid antigen tests and self-administered nasal and salivary tests, emphasizing that more effective testing alone cannot control the pandemic without continued public health interventions, such as mask wearing, physical distancing, and avoidance of large gatherings.

Editor's Note

Contact Tracing, Testing, and Control of COVID-19—Learning From Taiwan

Robert Steinbrook, MD

Hospital-Acquired SARS-CoV-2 Infection: Lessons for Public Health

Aaron Richtman, MD; Eric A. Monahan, MD; Mary Gail, MD


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This Viewpoint reviews the rare incidence of nosocomial SARS-CoV-2 infection and discusses ways it can be minimized, including use of surgical masks, proper ventilation, physical distancing, eye protection, regular testing, and the availability of sick leave for health care workers.

Health Policy in the Supreme Court and a New Conservative Majority

Lawrence O. Gostin, JD; Wendy E. Parmet, JD; Sara Rosenbaum, JD

Abstract | **Full Text**

 JAMA. 2020;324(21):2157-2158. doi:10.1001/jama.2020.21987

This Viewpoint looks at the range of medical and public health issues that could be adversely affected by appointment of Justice Amy Coney Barrett to the US Supreme Court, including weakening or elimination of the Affordable Care Act, Medicaid work requirements that could reduce eligibility, and reduced reproductive rights and governmental public health emergency powers.



Conversations with Dr Bauchner: Health Policy in the Supreme Court and a New Conservative Majority

A Piece of My Mind

Always More to Be Done

Ramya Sampath, BA

Abstract | **Full Text**

JAMA. 2020;324(21):2159-2160. doi:10.1001/jama.2020.22783

In this narrative medicine essay a medical student recalls discovering the power of meaningful palliative care, contrasting patients' relief from suffering through caring and comfort with her father's awful experience of pain and neglect in his closing days.

Editorial

Misguided Use of Hydroxychloroquine for COVID-19: The Infusion of Politics Into Science

Michael S. Saag, MD

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FREE  CME JAMA. 2020;324(21):2161-2162. doi:10.1001/jama.2020.22389

Cannabis and Impaired Driving

Thomas B. Cole, MD, MPH; Richard Saitz, MD, MPH

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JAMA. 2020;324(21):2163-2164. doi:10.1001/jama.2020.18544

Review

Hearing Loss in Children: A Review

Judith E. C. Lieu, MD, MSPH; Margaret Kenna, MD, MPH; Samantha Anne, MD; et al.

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

 CME  JAMA. 2020;324(21):2195-2205. doi:10.1001/jama.2020.17647

This narrative review summarizes the etiologies of pediatric hearing loss, screening strategies for identifying it early, consequences of delayed diagnosis, and diagnosis and management of the condition, with a detailed discussion of criteria for choice of hearing devices to remediate hearing impairment.



Audio Clinical Review: Hearing Loss in Children

JAMA Insights

Clinical Update

Gastric Balloons for Weight Loss in 2020

Dana A. Telem, MD, MPH; Amir A. Ghaferi, MD, MS

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

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This JAMA Insights Clinical Update discusses evidence for the efficacy and safety of gastric balloon systems for weight loss, and their clinical indications as part of a multidisciplinary approach to weight management in patients who are not candidates for bariatric surgery.

JAMA Clinical Guidelines Synopsis

Recommendations for Follow-up Colonoscopy After Polypectomy

Cecelia Zhang, MD; Adam S. Cifu, MD; Amit Patel, MD

Abstract | **Full Text**

 JAMA. 2020;324(21):2208-2209. doi:10.1001/jama.2020.15001

This JAMA Clinical Guidelines Synopsis summarizes the US Multi-Society Task Force on Colorectal Cancer's 2020 recommendations for follow-up after colonoscopy and polypectomy.






Audio Clinical Review: New Recommendations for How Often to Repeat Colonoscopy Following Polypectomy

Medical News & Perspectives

Younger Adults Caught in COVID-19 Crosshairs as Demographics Shift

Jennifer Abbasi

Abstract | **Full Text**

  CME  JAMA. 2020;324(21):2141-2143. doi:10.1001/jama.2020.21913

This Medical News article discusses the health implications of severe acute respiratory syndrome coronavirus 2 infection among young and middle-aged adults.




Audio Clinical Review: What Is It Like to Have COVID-19?

Driving Under the Influence of CBD or THC—Is There a Difference?

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

 JAMA. 2020;324(21):2144-2145. doi:10.1001/jama.2020.22181

This Medical News feature discusses research into how cannabidiol and tetrahydrocannabinol affect driving performance.



Audio Clinical Review: The Effect of Cannabis Intoxication on Driving Ability

News From the Food and Drug Administration

Essential Medicines Identified for Future Public Health Emergencies

Rebecca Voelker, MSJ

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JAMA. 2020;324(21):2147. doi:10.1001/jama.2020.23157

New Partnership Aims to Intercept Illegal Drugs and Devices

Rebecca Voelker, MSJ

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JAMA. 2020;324(21):2147. doi:10.1001/jama.2020.22864

Ivermectin Lotion for Head Lice No Longer Needs a Prescription

Rebecca Voelker, MSJ

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

JAMA. 2020;324(21):2147. doi:10.1001/jama.2020.23159

Bench to Bedside

How Targeting Fat Cells' Estrogen Receptors Could Fight Obesity

Tracy Hampton, PhD

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Poetry and Medicine

Life Review

Veneta Masson

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JAMA. 2020;324(21):2217. doi:10.1001/jama.2020.17389

JAMA Revisited

The Right to Strike

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JAMA. 2020;324(21):2218. doi:10.1001/jama.2019.13730

JAMA Patient Page

Urinary Diversion

Andrew T. Lenis, MD, MS; Patrick M. Lec, MD; Karim Chamie, MD, MSHS

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

FREE JAMA. 2020;324(21):2222. doi:10.1001/jama.2020.17604

This JAMA Patient Page describes the 3 surgical techniques used to divert urine away from the bladder as a part of surgical treatment of bladder cancer.

Comment & Response

Prejudices of a Referenced Philosopher

Yusur M. Alsalihi, BA; Evelena Cousin-Peterson, MD; Paul C. Kuo, MD, MBA, MS

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JAMA. 2020;324(21):2213-2214. doi:10.1001/jama.2020.20083

Preiudices of a Referenced Philosonher—Reply

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JAMA. 2020;324(21):2214. doi:10.1001/jama.2020.20086

Developments in Heart Failure With Reduced Ejection Fraction

Robert Dowling, MD, PhD; Nathaniel L. Melton, MD; Behzad Soleimani, MD

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

JAMA. 2020;324(21):2214-2215. doi:10.1001/jama.2020.20542

Developments in Heart Failure With Reduced Ejection Fraction

Ricky D. Turgeon, BSc(Pharm), ACPR, PharmD; Arden R. Barry, BSc, BSc(Pharm), PharmD, ACPR

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

JAMA. 2020;324(21):2215. doi:10.1001/jama.2020.20545

Developments in Heart Failure With Reduced Ejection Fraction—Reply

Sean P. Murphy, MB, BCh, BAO; Nasrien E. Ibbrahim, MD; James L. Januzzi Jr, MD

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JAMA. 2020;324(21):2215-2216. doi:10.1001/jama.2020.20548

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FREE JAMA. 2020;324(21):2131-2132. doi:10.1001/jama.2019.13723



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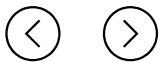
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December 8; 324 (22): 2238-2334



December 8, 2020, Vol 324, No. 22, Pages 2238-2334

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JAMA. 2020;324(22):e200048. doi:10.1001/jama.2020.0048



Audio Editors' Summary: Omega-3 Fatty Acids for CVD Prevention, Co-trimaxazole (TMP/SMX) for IPF, Asthma Management Guidelines, and more

Original Investigation

Effect of High-Dose Omega-3 Fatty Acids vs Corn Oil on Major Adverse Cardiovascular Events in Patients at High Cardiovascular Risk: The STRENGTH Randomized Clinical Trial

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This randomized trial examines the effects on cardiovascular outcomes of a carboxylic acid formulation of EPA and DHA (omega-3 CA) with documented favorable effects on lipid and inflammatory markers in patients with atherogenic dyslipidemia and high cardiovascular risk.



JAMA Medical News Audio: Live from AHA 2020: Highlights from the American Heart Association's Virtual Scientific Sessions

Editorial

Effects of Omega-3 Fatty Acids on Major Adverse Cardiovascular Events: What Matters Most: the Drug, the Dose, or the Placebo?

Garima Sharma, MD; Seth S. Martin, MD, MHS; Roger S. Blumenthal, MD

Editor's Note

Do Omega-3 Fatty Acids Benefit Health?

Gregory Curfman, MD

Effect of Co-trimoxazole (Trimethoprim-Sulfamethoxazole) vs Placebo on Death, Lung Transplant, or Hospital Admission in Patients With Moderate and Severe Idiopathic Pulmonary Fibrosis: The EME-TIPAC Randomized Clinical Trial

Andrew M. Wilson, MD; Allan B. Clark, PhD; Tony Cahn, PhD; et al.

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



CME

JAMA. 2020;324(22):2282-2291. doi:10.1001/jama.2020.22960

This randomized clinical trial compares the effects of co-trimoxazole (trimethoprim-sulfamethoxazole [TMP-SMX]) vs placebo on time to death, lung transplant, or hospital admission in patients with moderate or severe idiopathic pulmonary fibrosis (IPF).

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Preliminary Communication

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Fluvoxamine vs Placebo and Clinical Deterioration in Outpatients With Symptomatic COVID-19: A Randomized Clinical Trial

Eric J. Lenze, MD; Caline Mattar, MD; Charles F. Zorumski, MD; et al.

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

FREE  CME JAMA. 2020;324(22):2292-2300. doi:10.1001/jama.2020.22760

This randomized trial compares the effects of fluvoxamine, a selective serotonin reuptake inhibitor with immunomodulatory effects vs placebo on a composite of dyspnea or pneumonia and oxygen desaturation among adult outpatients with polymerase chain reaction-confirmed mild coronavirus disease 2019 (COVID-19) illness.

Editor's Note

COVID-19 Infection—Preventing Clinical Deterioration

Christopher W. Seymour, MD, MSc; Howard Bauchner, MD; Robert M. Golub, MD

Research Letter

Peripheral Oxygen Saturation in Older Persons Wearing Nonmedical Face Masks in Community Settings

Noel C. Chan, MBBS; Karen Li; Jack Hirsh, MD, DSc

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

FREE  CME JAMA. 2020;324(22):2323-2324. doi:10.1001/jama.2020.21905

This study describes changes in portable oximeter-measured peripheral oxygen saturation (SpO₂ or O₂sat) in older adults before, during, and after wearing a 3-layer plane-shaped disposable nonmedical face mask widely used to protect against COVID-19.

Neurodevelopmental Outcomes at Age 5 Years After Prophylactic Early High-Dose Recombinant Human Erythropoietin for Neuroprotection in Very Preterm Infants

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This study reports 5-year neurodevelopmental outcomes for Swiss children born before 32 weeks' gestation and randomized at birth to receive early high-dose recombinant human erythropoietin (rhEpo) vs placebo.

Special Communication

Managing Asthma in Adolescents and Adults: 2020 Asthma Guideline Update From the National Asthma Education and Prevention Program

Michelle M. Cloutier, MD; Anne E. Dixon, MA, BM, BCh; Jerry A. Krishnan, MD, PhD; et al.

Abstract | **Full Text**



CME



JAMA. 2020;324(22):2301-2317. doi:10.1001/jama.2020.21974

This guideline summarizes updated recommendations for management of asthma in adolescents and adults, focusing on evidence for use of inhaled corticosteroids (ICSs), add-on long-acting muscarinic antagonists (LAMAs), fractional exhaled nitric oxide (FeNO) testing, indoor allergen mitigation, immunotherapy, and evidence against use of bronchial thermoplasty.



Conversations with Dr Bauchner: Asthma Guidelines Update 2020 - Diagnosis and Management

Editorial

Evolving Strategies for Long-term Asthma Management

Stephanie Lovinsky-Desir, MD, MS; George T. O'Connor, MD, MS



Conversations with Dr Bauchner: Asthma Guidelines Update 2020 - Diagnosis and Management

Viewpoint

A Proposed Framework and Timeline of the Spectrum of Disease Due to SARS-CoV-2 Infection: Illness Beyond Acute Infection and Public Health Implications

S. Deblina Datta, MD; Amish Talwar, MD, MPH; James T. Lee, MD, MSc

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This Viewpoint uses clinical observations of the natural course of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection to propose 3 phases of illness: acute infection (what people commonly refer to with the COVID-19 designation); postacute hyperinflammatory illness (referred to clinically as multisystem inflammatory syndrome); and late inflammatory sequelae, manifest as enduring cardiac, neurological, and psychological symptoms.

Older Adults and the Mental Health Effects of COVID-19

Ipsit V. Vahia, MD; Dilip V. Jeste, MD; Charles F. Reynolds III, MD

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



This Viewpoint summarizes evidence suggesting that, counter to expectation, older adults as a group may be more resilient to the anxiety, depression, and stress-related mental health disorders characteristic of younger populations during the COVID-19 pandemic.



Conversations with Dr Bauchner: Older Adults and the Mental Health Effects of COVID-19

Science Denial and COVID Conspiracy Theories: Potential Neurological Mechanisms and Possible Responses

Bruce L. Miller, MD

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

This Viewpoint discusses possible parallels between the distortion in sensory information and faulty monitoring of ideas characteristic of some patients with neurodegenerative diseases (dementia with Lewy bodies and Capgras syndrome, frontotemporal dementia) and the creation and maintenance of false conspiratorial beliefs about the COVID-19 pandemic in healthy populations that has hobbled an effective national response in the US.

Sciences, Engineering, and Medicine

Emily A. Wang, MD, MAS; Bruce Western, PhD; Donald M. Berwick, MD, MPP

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

FREE  CME JAMA. 2020;324(22):2257-2258. doi:10.1001/jama.2020.22109

This Viewpoint summarizes a National Academy of Sciences, Engineering, and Medicine (NASEM) consensus panel report recommending ways to reduce populations in prisons and jails as a means to mitigate SARS-CoV-2 transmission and the roles clinicians, health systems, and insurers can play in in process.

Improving Care for Heart Failure With Reduced Ejection Fraction—A Potential Polypill-Based Strategy

Anubha Agarwal, MD, MSc; Clyde W. Yancy, MD, MSc; Mark D. Huffman, MD, MPH

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

JAMA. 2020;324(22):2259-2260. doi:10.1001/jama.2020.21395

This Viewpoint proposes that a polypill combination of a β -blocker, renin angiotensin inhibitor, mineralocorticoid receptor antagonist, and sodium-glucose cotransporter 2 inhibitor might be the most efficient way to deliver guideline-directed HFrEF therapy, and proposes a research roadmap to design and evaluate the pill and implementation strategies for getting it to patients.

A Piece of My Mind

Prejudice

Vivian G. Cheung, MD

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

JAMA. 2020;324(22):2261. doi:10.1001/jama.2020.23077

In this narrative medicine essay, a senior faculty investigator describes common reactions to her visible disability and calls for recruitment of a diverse workforce into academic medicine's workforce and leadership positions to normalize physical differences immaterial to the pursuit of outstanding science and patient care.

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Effects of Omega-3 Fatty Acids on Major Adverse Cardiovascular Events: What Matters Most: the Drug, the Dose, or the Placebo?

Garima Sharma, MD; Seth S. Martin, MD, MHS; Roger S. Blumenthal, MD

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

JAMA. 2020;324(22):2262-2264. doi:10.1001/jama.2020.22387

Editor's Note

Do Omega-3 Fatty Acids Benefit Health?

Gregory Curfman, MD

Evolving Strategies for Long-term Asthma Management

Stephanie Lovinsky-Desir, MD, MS; George T. O'Connor, MD, MS

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JAMA. 2020;324(22):2265-2267. doi:10.1001/jama.2020.16895



Conversations with Dr Bauchner: Asthma Guidelines Update 2020 - Diagnosis and Management

JAMA Insights

Clinical Update

Preparing for the 2020-2021 Influenza Season

Timothy M. Uyeki, MD, MPH, MPP; Jeanne Santoli, MD; Daniel B. Jernigan, MD, MPH

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



JAMA. 2020;324(22):2318-2319. doi:10.1001/jama.2020.21849

This JAMA Insights Clinical Update discusses the importance of established influenza prevention and control measures, including influenza vaccination and antiviral treatment, as the Global North enters its first influenza season in the COVID-19 pandemic.




Audio Clinical Review: The Effect of COVID-19 on the 2020-2021 Influenza Season

Urinary Magnesium in the Evaluation of Hypomagnesemia

Bryan M. Tucker, DO, MS; James L. Pirkle Jr, MD; Rajeev Raghavan, MD

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

 CME JAMA. 2020;324(22):2320-2321. doi:10.1001/jama.2020.18400


A 63-year-old woman with type 2 diabetes was referred for refractory hypomagnesemia (1.4 mg/dL; low normal, 1.8 mg/dL). Her medications included liraglutide, metformin, lisinopril, and magnesium oxide (400 mg twice daily). A recent hemoglobin A_{1c} level was 10.8%, and her urinary magnesium was 117 mg. How do you interpret the urine level, and what would you do next?

Editor's Note

Do Omega-3 Fatty Acids Benefit Health?

Gregory Curfman, MD

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

 JAMA. 2020;324(22):2280-2281. doi:10.1001/jama.2020.22898

Editorial



Effects of Omega-3 Fatty Acids on Major Adverse Cardiovascular Events: What Matters Most: the Drug, the Dose, or the Placebo?

Garima Sharma, MD; Seth S. Martin, MD, MHS; Roger S. Blumenthal, MD

COVID-19 Infection—Preventing Clinical Deterioration

Christopher W. Seymour, MD, MSc; Howard Bauchner, MD; Robert M. Golub, MD

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Medical News & Perspectives

Looking to Long-term Survivors for Improved Pancreatic Cancer

Treatment

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 JAMA. 2020;324(22):2242-2244. doi:10.1001/jama.2020.21717

This Medical News article examines how studying the characteristics of long-term pancreatic cancer survivors might improve treatment and boost survival for others who have the disease



JAMA Medical News Audio: December 2020 Medical News Summary

The JAMA Forum

Four COVID-19 Lessons for Achieving Health Equity

Stuart M. Butler, PhD

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



JAMA. 2020;324(22):2245-2246. doi:10.1001/jama.2020.23553

News From the Centers for Disease Control and Prevention

Supplement Use Is Common Among Children and Adolescents

Bridget M. Kuehn, MSJ

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

JAMA. 2020;324(22):2248. doi:10.1001/jama.2020.23283

Pulmonary Fungal Infections Affect Patients With COVID-19

Bridget M. Kuehn, MSJ

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



JAMA. 2020;324(22):2248. doi:10.1001/jama.2020.22914

Biotech Innovations

Using Smartwatch Data to Detect COVID-19 Cases Early

Jennifer Abbasi

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Long-acting Cabotegravir Shot Prevents HIV Among Women

Jennifer Abbasi

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JAMA. 2020;324(22):2247. doi:10.1001/jama.2020.23330

Neurodegenerative Dementias Are Differentiated on PET Scans

Jennifer Abbasi

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JAMA. 2020;324(22):2247. doi:10.1001/jama.2020.23698

The Arts and Medicine

Let Me Not Be Mad—My Story of Unraveling Minds: **Neuropsychiatric Self-portrait in a Convex Mirror**

Eben S. Schwartz, PhD

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

JAMA. 2020;324(22):2240-2241. doi:10.1001/jama.2020.20884

This Arts and Medicine feature reviews a memoir by a pseudonymous UK neuropsychologist who, through creative telling of case histories, questions the boundaries between doctor and patient, brain and mind, language and thought, and well and unwell.

Poetry and Medicine

Notes on Perimenopause

Nan Cohen, MA

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

JAMA. 2020;324(22):2329. doi:10.1001/jama.2020.17442

JAMA Revisited

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

JAMA. 2020;324(22):2330. doi:10.1001/jama.2019.13741

A Supreme Court's Pronouncement Against the Fly

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



JAMA. 2020;324(22):2330. doi:10.1001/jama.2020.21562

JAMA Patient Page

High-risk Groups for Influenza Complications

Timothy M. Uyeki, MD, MPH, MPP

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

  JAMA. 2020;324(22):2334. doi:10.1001/jama.2020.21869

This JAMA Patient Page describes the groups of people who are at high risk of complications from influenza infection, how to reduce risk through vaccination, and steps high-risk people should take if they develop influenza symptoms.



Audio Clinical Review: The Effect of COVID-19 on the 2020-2021 Influenza Season

Comment & Response

Intravenous Acetaminophen in Postoperative Patients

S. Ravi Shankar, MBBS, MD

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

JAMA. 2020;324(22):2327. doi:10.1001/jama.2020.21462

Intravenous Acetaminophen in Postoperative Patients—Reply

Alparslan Turan, MD; Daniel I. Sessler, MD

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

JAMA. 2020;324(22):2327. doi:10.1001/jama.2020.21470

Coding Errors in Study of Factors Associated With SARS-CoV-2 Antibodies in Health Care Personnel

Karina W. Davidson, PhD, MASc

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

JAMA. 2020;324(22):2328. doi:10.1001/jama.2020.20994

Correction

Data Inaccuracies in Text and Tables

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

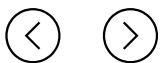
FREE JAMA. 2020;324(22):2328. doi:10.1001/jama.2020.22507

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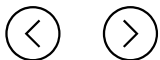
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December 15; 324 (23): 2347-2452



December 15, 2020, Vol 324, No. 23, Pages 2347-2452

In This Issue of JAMA

Audio Highlights

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JAMA. 2020;324(23):e200049. doi:10.1001/jama.2020.0049



Audio Editors' Summary: VEGF Inhibitor vs Vitrectomy for Diabetic Retinopathy, FFR-Based PCI, USPSTF Guideline on HBV Screening, and more

Original Investigation

Effect of Intravitreal Aflibercept vs Vitrectomy With Panretinal Photocoagulation on Visual Acuity in Patients With Vitreous Hemorrhage From Proliferative Diabetic Retinopathy: A Randomized Clinical Trial

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This randomized trial compares the effects of initial treatment with intravitreal aflibercept vs vitrectomy with panretinal photocoagulation on visual acuity over 24 weeks among adults with vitreous hemorrhage from proliferative diabetic retinopathy.

Editorial

Anti-VEGF Therapy or Vitrectomy Surgery for Vitreous Hemorrhage From Proliferative Diabetic Retinopathy

Gavin Siew-Wei Tan, MD, PhD; Usha Chakravarthy, MD, PhD; Tien Yin Wong, MD, PhD

Association Between Depressive Symptoms and Incident Cardiovascular Diseases

Eric L. Harshfield, PhD; Lisa Pennells, PhD; Joseph E. Schwartz, PhD; et al.

This international study pooled individual-participant data from several long-term prospective studies to evaluate the relationship between depressive symptoms and incident cardiovascular disease.

Association Between Adherence to Fractional Flow Reserve Treatment Thresholds and Major Adverse Cardiac Events in Patients With Coronary Artery Disease

Maneesh Sud, MD; Lu Han, PhD; Maria Koh, MSc; et al.

This cohort study assesses adherence to evidence-based fractional flow reserve (FFR) thresholds for percutaneous coronary intervention in Canada between 2013 and 2018, and associations of percutaneous coronary intervention with major adverse clinical outcomes for patients with FFR

Editorial

Physiology-Based Revascularization Decisions and Improved Clinical Outcomes Following Percutaneous Coronary Interventions

Richard G. Bach, MD

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Research Letter

Treatment of Opioid Use Disorder Among Commercially Insured Patients in the Context of the COVID-19 Pandemic

Haiden A. Huskamp, PhD; Alisa B. Busch, MD, MS; Lori Uscher-Pines, PhD; et al.

Abstract | **Full Text**

FREE JAMA. 2020;324(23):2440-2442. doi:10.1001/jama.2020.21512

This study uses commercial and Medicare Advantage claims data to compare medication fills, outpatient visits, and urine tests for opioid use disorder in January-May 2020 vs 2019.

Changes in Outpatient Buprenorphine Dispensing During the COVID-19 Pandemic

Jessica Duncan Cance, MPH, PhD; Erin Doyle, MS

Abstract | **Full Text**

FREE JAMA. 2020;324(23):2442-2444. doi:10.1001/jama.2020.22154

This study examined outpatient buprenorphine dispensing patterns in Texas before vs after the Drug Enforcement Administration temporarily relaxed outpatient buprenorphine prescribing regulations in March 2020 in response to the COVID-19 pandemic.

US Preventive Services Task Force

Recommendation Statement

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Screening for Hepatitis B Virus Infection in Adolescents and Adults: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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

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JAMA. 2020;324(23):2415-2422. doi:10.1001/jama.2020.22980

This 2020 US Preventive Services Task Force Recommendation Statement recommends screening for HBV infection in adolescents and adults at increased risk for infection (B recommendation).



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Editorial

USPSTF 2020 Hepatitis B Screening Recommendation: Evidence to Broaden Screening and Strengthen Linkage to Care

Jessica P. Hwang, MD, MPH; Anna S. Lok, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

The Updated US Preventive Services Task Force Hepatitis B Screening Recommendations—Staying Committed

Chelsea Q. Xu, MD; Kali Zhou, MD; Danielle Brandman, MD, MAS



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Evidence Report

Screening for Hepatitis B Virus Infection in Nonpregnant Adolescents and Adults: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Roger Chou, MD; Ian Blazina, MPH; Christina Bougatsos, MPH; et al.

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JAMA. 2020;324(23):2423-2436. doi:10.1001/jama.2020.19750

This systematic review to support the 2020 US Preventive Services Task Force Recommendation

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benefits and harms of screening and interventions for hepatitis B infection in nonpregnant adolescents and adults.



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Editorial

USPSTF 2020 Hepatitis B Screening Recommendation: Evidence to Broaden Screening and Strengthen Linkage to Care

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Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

The Updated US Preventive Services Task Force Hepatitis B Screening Recommendations—Staying Committed

Chelsea Q. Xu, MD; Kali Zhou, MD; Danielle Brandman, MD, MAS



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Viewpoint

Trust in Health Care

Patient Consumerism, Healing Relationships, and Rebuilding Trust in Health Care

Dhruv Khullar, MD, MPP; Gwen Darien, BA; Debra L. Ness, MS

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

JAMA. 2020;324(23):2359-2360. doi:10.1001/jama.2020.12938

This Viewpoint discusses barriers to building trust between physicians and patients and offers recommendations to increase that trust, including minimizing emphasis on patient consumerism, promoting authentic partnerships, and accelerating select payment and delivery system reforms.

Editorial

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH



Conversations with Dr Bauchner: Trust in Health Care in the Time of COVID-19

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Trust in Health Care

Rebuilding Trust and Relationships in Medical Centers: A Focus on Health Care Affordability

Reshma Gupta, MD, MSHPM; Leah Binder, MA, MGA; Christopher Moriates, MD

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

JAMA. 2020;324(23):2361-2362. doi:10.1001/jama.2020.14933

This Viewpoint discusses efforts that medical centers can take in rebuilding affordability-related trust and relationships with patients.

Editorial

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH



Conversations with Dr Bauchner: Trust in Health Care in the Time of COVID-19

Trust in Health Care

The Enduring Importance of Trust in the Leadership of Health Care Organizations

Sachin H. Jain, MD, MBA; Catherine Lucey, MD; Francis J. Crosson, MD

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

JAMA. 2020;324(23):2363-2364. doi:10.1001/jama.2020.18555

This Viewpoint discusses the declining trust in the US health care system, especially in the midst of the COVID-19 pandemic, and the importance that maintaining public trust should hold in the culture of health care organizations.

Editorial

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH



Conversations with Dr Bauchner: Trust in Health Care in the Time of COVID-19

Transparency as a Trust-Building Practice in Physician Relationships With Patients

Tara Montgomery, BA; Jeffrey S. Berns, MD; Clarence H. Braddock III, MD, MPH

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

JAMA. 2020;324(23):2365-2366. doi:10.1001/jama.2020.18368

This Viewpoint describes transparency practices that could help physicians build trust with patients and model professionalism for students and trainees: clear and consistent disclosure of financial relationships, conflicts of interest, credentials, disciplinary actions, performance metrics, and personal information or experiences oriented toward improving patient outcomes.

Editorial

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH



Conversations with Dr Bauchner: Trust in Health Care in the Time of COVID-19

Trust in Health Care

Addressing Medical Misinformation in the Patient-Clinician Relationship

Vineet M. Arora, MD, MAPP; Sonia Madison, MS; Lisa Simpson, MD, MPH

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

JAMA. 2020;324(23):2367-2368. doi:10.1001/jama.2020.4263

This Viewpoint describes why health misinformation spreads, characterizes a broader set of misinformation types, and discusses solutions to this problem.

Editorial

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH



Conversations with Dr Bauchner: Trust in Health Care in the Time of COVID-19

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

JAMA. 2020;324(23):2369-2370. doi:10.1001/jama.2020.21080

This Viewpoint discusses how human-centered design (HCD) that involves all stakeholders can improve patient trust in physicians and health care systems, describes its methods, and provides examples of its successful application.

Editorial

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH



Conversations with Dr Bauchner: Trust in Health Care in the Time of COVID-19

A Piece of My Mind

A Song for Gram

Colleen M. Farrell, MD

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

JAMA. 2020;324(23):2371-2372. doi:10.1001/jama.2020.23912

In this narrative medicine essay, a critical care fellow returning to the ICU after burying her grandmother learns that grief does not conform to clinical schedules and efficiencies, having instead its own pace and melody, like the songs on violin she loved to performed for her beloved Gram.

Editorial

Trust in Health Care

Trust in Health Care in the Time of COVID-19

David W. Baker, MD, MPH

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FREE  JAMA. 2020;324(23):2373-2375. doi:10.1001/jama.2020.23343

Anti-VEGF Therapy or Vitrectomy Surgery for Vitreous Hemorrhage From Proliferative Diabetic Retinopathy

Gavin Siew-Wei Tan, MD, PhD; Usha Chakravarthy, MD, PhD; Tien Yin Wong, MD, PhD

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JAMA. 2020;324(23):2375-2377. doi:10.1001/jama.2020.22829

Physiology-Based Revascularization Decisions and Improved Clinical Outcomes Following Percutaneous Coronary Interventions

Richard G. Bach, MD


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JAMA. 2020;324(23):2377-2380. doi:10.1001/jama.2020.22998

USPSTF 2020 Hepatitis B Screening Recommendation: Evidence to Broaden Screening and Strengthen Linkage to Care

Jessica P. Hwang, MD, MPH; Anna S. Lok, MD

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 JAMA. 2020;324(23):2380-2382. doi:10.1001/jama.2020.18831



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Editorial

The Updated US Preventive Services Task Force Hepatitis B Screening Recommendations—Staying Committed

Chelsea Q. Xu, MD; Kali Zhou, MD; Danielle Brandman, MD, MAS



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

From The Medical Letter on Drugs and Therapeutics

Tillandsia XR, A New 3-Drug Combination for Type 2 Diabetes

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This Medical Letter compares a newly approved fixed-dose combination pill comprising the sodium-glucose cotransporter 2 inhibitor empagliflozin, the dipeptidyl peptidase-4 inhibitor linagliptin, and extended-release metformin, with available formulations of each of the pill's individual components for oral treatment of type 2 diabetes in adults.

Medical News & Perspectives

JAMA Network Articles of the Year 2020

Jennifer Abbasi

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



JAMA. 2020;324(23):2350-2353. doi:10.1001/jama.2020.22443

This Medical News article discusses the top-viewed research articles published across the JAMA Network in the past year.



JAMA Medical News Audio: December 2020 Medical News Summary

Editorial

Excess Deaths and the Great Pandemic of 2020

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA

JAMA Live Highlights

Experts Discuss COVID-19: Vaccine Allocation, Placebo Groups, and More

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



JAMA. 2020;324(23):2354-2355. doi:10.1001/jama.2020.24075

This JAMA Live Highlights feature provides comments about the coronavirus 2019 pandemic from experts in clinical medicine, public health, and health policy expressed during livestream interviews with JAMA Network Editor in Chief Howard Bauchner, MD.



Conversations with Dr. Bauchner: Coronavirus Vaccine Update With Arnold S. Monto, MD

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News From the Food and Drug Administration

Quality Issues Prompt Guidelines for Compounded Drug Pharmacies

Mary Chris Jaklevic, MSJ

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

JAMA. 2020;324(23):2357. doi:10.1001/jama.2020.24226

Sesame Should Be on Food Labels to Warn Consumers With Allergy

Mary Chris Jaklevic, MSJ

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

JAMA. 2020;324(23):2357. doi:10.1001/jama.2020.23797

Device Approved for Adults With Nightmare Disorder

Mary Chris Jaklevic, MSJ

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JAMA. 2020;324(23):2357. doi:10.1001/jama.2020.24228

Global Health

Urgent Action Needed to Prevent Measles, Polio Resurgence

Bridget M. Kuehn, MSJ

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

JAMA. 2020;324(23):2356. doi:10.1001/jama.2020.23615

Creating More Climate-Proof Health Care Facilities

Bridget M. Kuehn, MSJ

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JAMA. 2020;324(23):2356. doi:10.1001/jama.2020.24250

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Global Regulators Set Standards for Safe Vaccines

Bridget M. Kuehn, MSJ

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JAMA. 2020;324(23):2356. doi:10.1001/jama.2020.24252

Poetry and Medicine

Home From the Hospital

Shane O'Hanlon, MB, MSc

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JAMA. 2020;324(23):2447. doi:10.1001/jama.2020.17691

JAMA Revisited

Rufus of Ephesus

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JAMA. 2020;324(23):2448. doi:10.1001/jama.2019.13752

JAMA Patient Page

Screening for Hepatitis B in Nonpregnant Adolescents and Adults

Jill Jin, MD, MPH

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

FREE  JAMA. 2020;324(23):2452. doi:10.1001/jama.2020.23519

This JAMA Patient Page reviews the US Preventive Services Task Force's 2020 recommendation to screen for hepatitis B infection in adolescents and adults at increased risk (B recommendation).



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Editorial

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Jessica P. Hwang, MD, MPH; Anna S. Lok, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

The Updated US Preventive Services Task Force Hepatitis B Screening Recommendations—Staying Committed

Chelsea Q. Xu, MD; Kali Zhou, MD; Danielle Brandman, MD, MAS



Conversations with Dr Bauchner: USPSTF Recommendation: Screening for Hepatitis B Virus Infection in Adolescents and Adults

Comment & Response

Conversational Agents in Health Care

Alison Darcy, PhD; Athena Robinson, PhD; Paul Wicks, PhD

Abstract | Full Text

JAMA. 2020;324(23):2444. doi:10.1001/jama.2020.21509

Conversational Agents in Health Care—Reply

John D. McGreevey III, MD; C. William Hanson III, MD; Ross Koppel, PhD

Abstract | Full Text

JAMA. 2020;324(23):2444-2445. doi:10.1001/jama.2020.21518

Exome Sequencing as Part of a Multidisciplinary Approach to Diagnosis

Alice Doreille, MD; Laure Raymond, MD; Laurent Mesnard, MD, PhD

Abstract | Full Text

JAMA. 2020;324(23):2445. doi:10.1001/jama.2020.21506

Exome Sequencing as Part of a Multidisciplinary Approach to Diagnosis—Reply

Jan M. Friedman, MD, PhD; Kenneth Lyons Jones, MD; John C. Carey, MD, MPH

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December 22/29, 2020, Vol 324, No. 24, Pages 2467-2566

In This Issue of JAMA

Audio Highlights

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JAMA. 2020;324(24):e200050. doi:10.1001/jama.2020.0050



Audio Editors' Summary: Digoxin vs Bisoprolol for AFib, Risk of Second Cancer After a First Cancer, Review of GERD and more

Original Investigation

Effect of Digoxin vs Bisoprolol for Heart Rate Control in Atrial Fibrillation on Patient-Reported Quality of Life: The RATE-AF Randomized Clinical Trial

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This randomized trial compares the effect of low-dose digoxin vs bisoprolol for heart rate control on quality of life in patients aged 60 years or older with permanent atrial fibrillation and dyspnea.

Editor's Note

Digitalis Glycosides for Heart Rate Control in Atrial Fibrillation

Gregory Curfman, MD

Caring for the Critically Ill Patient

Effect of a Lower vs Higher Positive End-Expiratory Pressure Strategy on Ventilator-Free Days in ICU Patients Without ARDS: A Randomized Clinical Trial

Writing Committee and Steering Committee for the RELAx Collaborative Group

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

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JAMA. 2020;324(24):2509-2520. doi:10.1001/jama.2020.23517

This noninferiority trial compares the effects of lower (0-5 cm H₂O) vs higher (8 cm H₂O) positive end-expiratory pressure (PEEP) on ventilator-free days at day 28 among critically ill patients without acute respiratory distress syndrome (ARDS).

Editorial

Searching for the Optimal PEEP in Patients Without ARDS: High, Low, or in Between?

Sarina K. Sahetya, MD, MHS; Ewan C. Goligher, MD, PhD; Arthur S. Slutsky, MD

Association of First Primary Cancer With Risk of Subsequent Primary Cancer Among Survivors of Adult-Onset Cancers in the United States

Hyuna Sung, PhD; Noorie Hyun, PhD; Corinne R. Leach, PhD, MPH, MS; et al.

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JAMA. 2020;324(24):2521-2535. doi:10.1001/jama.2020.23130

This cohort study uses SEER registry data to estimate overall and cancer-specific risk for secondary primary cancers among US adults with first primary cancers who lived at least 5 years past their initial diagnosis.

Editorial

Incorporating the Risk for Subsequent Primary Cancers Into the Care of Adult Cancer Survivors: Moving Beyond 5-Year Survival

Patricia A. Ganz, MD; Jacqueline N. Casillas, MD, MSHS

Lifestyle Factors Can Lead to Multiple Cancers Over a Lifetime—Here We Go Again

Domingo G. Perez, MD, PhD; Charles Loprinzi, MD; Kathryn J. Ruddy, MD, MPH

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Research Letter

Uptake and Accuracy of the Diagnosis Code for COVID-19 Among US Hospitalizations

Sameer S. Kadri, MD; Jake Gundrum, MS; Sarah Warner, MPH; et al.

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

FREE JAMA. 2020;324(24):2553-2554. doi:10.1001/jama.2020.20323

This study uses administrative claims data to describe trends in use of *ICD-10-CM* diagnosis codes for novel coronavirus patients in January-May 2020, before and after the April 1 release of the U07.1 code to facilitate billing for and case monitoring of COVID-19.

Psychological Distress and COVID-19-Related Stressors Reported in a Longitudinal Cohort of US Adults in April and July 2020

Emma E. McGinty, PhD; Rachel Presskreischer, MS; Kelly E. Anderson, MPP; et al.

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

FREE  CME JAMA. 2020;324(24):2555-2557. doi:10.1001/jama.2020.21231

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This study uses national survey data to compare self-reported psychological distress among US adults in April and July 2020 by demographic and stressor type subgroups.

Viewpoint

Accelerating Global Improvements in Health Care Quality

Sheila Leatherman, MSW; Donald M. Berwick, MD, MPP

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

FREE   JAMA. 2020;324(24):2479-2480. doi:10.1001/jama.2020.17628

This Viewpoint proposes a policy framework for thinking about health care quality in low- and middle-income countries, emphasizing the importance of infrastructure, enforceable quality standards, safety practices, guideline-directed clinical care, and patient and family involvement.



Conversations with Dr Bauchner: To Err Is Human: 20 Years of Health Care Quality

Editorial

Two Decades Since *To Err Is Human*: Progress, but Still a "Chasm"

Victor J. Dzau, MD; Kenneth I. Shine, MD



Conversations with Dr Bauchner: To Err Is Human: 20 Years of Health Care Quality

A Roadmap to Advance Patient Safety in Ambulatory Care

Hardeep Singh, MD, MPH; Pascale Carayon, PhD

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FREE JAMA. 2020;324(24):2481-2482. doi:10.1001/jama.2020.18551

This Viewpoint emphasizes the need for research and initiatives related to patient safety in outpatient settings and proposes practice, policy, and patient and caregiver milestones to give patient harm reduction in ambulatory care settings the same priority as in inpatient settings.

Editorial

Two Decades Since *To Err Is Human*: Progress, but Still a "Chasm"

Victor J. Dzau, MD; Kenneth I. Shine, MD

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Assessing Progress in Health Care Quality Through the Lens of COVID-19

Janet M. Corrigan, PhD; Carolyn M. Clancy, MD

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FREE JAMA. 2020;324(24):2483-2484. doi:10.1001/jama.2020.17392

This Viewpoint describes US health system performance during the COVID-19 pandemic using the National Academy of Medicine's 2001 *Quality Chasm* framework, focusing on system cohesion, organizational capabilities, and environment of care.

Editorial

Two Decades Since *To Err Is Human*: Progress, but Still a "Chasm"

Victor J. Dzau, MD; Kenneth I. Shine, MD



Conversations with Dr Bauchner: To Err Is Human: 20 Years of Health Care Quality

Progress in Patient Safety in Anesthesia

Emily Methangkool, MD, MPH; Daniel J. Cole, MD; Maxime Cannesson, MD, PhD

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

FREE JAMA. 2020;324(24):2485-2486. doi:10.1001/jama.2020.23205

This Viewpoint describes the history of patient safety improvements in the practice of anesthesiology, with a shift in focus from reducing procedural mortality to improving systems, including optimization of teamwork, communication, interdisciplinary care, and standards for new technologies.

A Piece of My Mind

The Light Princess

Annette M. Chavez, MD

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

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In this narrative medicine essay a family physician recalls her bereavement after a pregnancy loss and her slow process of healing through mentoring and lasting relationships with premed students, following their lives and careers with the same pride as a parent.

Editorial

Two Decades Since *To Err Is Human*: Progress, but Still a “Chasm”

Victor J. Dzau, MD; Kenneth I. Shine, MD

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JAMA. 2020;324(24):2489-2490. doi:10.1001/jama.2020.23151



Conversations with Dr Bauchner: To Err Is Human: 20 Years of Health Care Quality

Searching for the Optimal PEEP in Patients Without ARDS: High, Low, or in Between?

Sarina K. Sahetya, MD, MHS; Ewan C. Goligher, MD, PhD; Arthur S. Slutsky, MD

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



JAMA. 2020;324(24):2490-2492. doi:10.1001/jama.2020.23067

Incorporating the Risk for Subsequent Primary Cancers Into the Care of Adult Cancer Survivors: Moving Beyond 5-Year Survival

Patricia A. Ganz, MD; Jacqueline N. Casillas, MD, MSHS

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

JAMA. 2020;324(24):2493-2495. doi:10.1001/jama.2020.23410

JAMA Health Forum—A New JAMA Network Specialty Journal

Howard Bauchner, MD; John Z. Ayanian, MD, MPP; Melinda B. Buntin, PhD; et al.

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



JAMA. 2020;324(24):2495-2496. doi:10.1001/jama.2020.23376


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Review

Gastroesophageal Reflux Disease: A Review

John Maret-Ouda, MD, PhD; Sheraz R. Markar, MD, PhD; Jesper Lagergren, MD, PhD

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

 CME JAMA. 2020;324(24):2536-2547. doi:10.1001/jama.2020.21360


This narrative review summarizes recent advances in the diagnosis and management of gastroesophageal reflux disease (GERD), including updates on pharmacologic options and surgical approaches.

JAMA Performance Improvement

Caring for Emergency Department Patients With Complex Medical, Behavioral Health, and Social Needs

Jack Chase, MD; Jenna Bilinski, RN, MBA; Hemal K. Kanzaria, MD, MSc

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

 JAMA. 2020;324(24):2550-2551. doi:10.1001/jama.2020.17017

This JAMA Performance Improvement article describes experience at Zuckerberg San Francisco General Hospital with an emergency department social medicine (EDSM) team to facilitate care of ED patients with low-acuity medical illnesses and complex psychosocial comorbidities (homelessness, mental illness, substance use, poverty).



JAMA Performance Improvement Audio: A Better Way to Manage Chronic Medical Conditions in Homeless Emergency Department Patients



Audio Clinical Review: Managing Chronic Medical Conditions for Homeless Patients Presenting to the Emergency Department



JAMA Insights

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Diagnosis, Management, and Pathophysiology of Arterial and Venous Thrombosis in COVID-19

Gregory Piazza, MD, MS; David A. Morrow, MD, MPH

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

  CME JAMA. 2020;324(24):2548-2549. doi:10.1001/jama.2020.23422

This JAMA Insights review summarizes the pathophysiology underlying the thrombotic diathesis characteristic of acute SARS-CoV-2 infection and current recommendations for the prevention, diagnosis, and management of the most common thrombotic complications in COVID-19, including acute myocardial infarction (AMI), ischemic stroke, and venous thromboembolism (VTE).

Editor's Note

Digitalis Glycosides for Heart Rate Control in Atrial Fibrillation

Gregory Curfman, MD

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


 JAMA. 2020;324(24):2508. doi:10.1001/jama.2020.24578

Medical News & Perspectives

Musical Spine Surgeons Lift Spirits With Songs of Hope

Rita Rubin, MA

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

 JAMA. 2020;324(24):2472-2474. doi:10.1001/jama.2020.21152

This Medical News feature profiles Elvis Francois, MD, and William Robinson, MD, spine surgeons whose "side gig" is making music.



JAMA Medical News Audio: Q&A With Spine Surgeons Who Also Happen to be a Musical Duo



JAMA Medical News Audio: December 2020 Medical News Summary

News From the Centers for Disease Control and Prevention

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Hospital Readmission Is Common Among COVID-19 Survivors

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2020;324(24):2477. doi:10.1001/jama.2020.23910

Shifts in Emergency Mental Health Care for Youth During the Pandemic

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2020;324(24):2477. doi:10.1001/jama.2020.24480

Clinical Trials Update

Exercise Intensity Unrelated to Older Adults' Mortality Risk

Anita Slomski

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

FREE JAMA. 2020;324(24):2476. doi:10.1001/jama.2020.23342

Empagliflozin Cuts Cardiovascular Deaths in Advanced Heart Failure

Anita Slomski

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

FREE JAMA. 2020;324(24):2476. doi:10.1001/jama.2020.24667

High-Calorie Treatment Leads to Faster Gains in Anorexia Nervosa

Anita Slomski

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Reliving Childhood Trauma Details Isn't Needed to Treat PTSD

Anita Slomski

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

FREE JAMA. 2020;324(24):2476. doi:10.1001/jama.2020.24671

Early Physical Therapy Relieves Sciatica Disability and Pain

Anita Slomski

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

FREE JAMA. 2020;324(24):2476. doi:10.1001/jama.2020.24673

Health Agencies Update

More Transparency Needed for COVID-19 Emergency Authorizations

Rita Rubin, MA

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

FREE JAMA. 2020;324(24):2475. doi:10.1001/jama.2020.24201

Postpartum Depression Persists Longer Than Previously Thought

Rita Rubin, MA

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

FREE JAMA. 2020;324(24):2475. doi:10.1001/jama.2020.24649

Pharmacies Partner With HHS to Provide COVID-19 Vaccines

Rita Rubin, MA


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

FREE JAMA. 2020;324(24):2475. doi:10.1001/jama.2020.24651

Graphic Medicine—The Best of 2020

Michael J. Green, MD, MS; Shelley Wall, AOCAD, MScBMC, PhD, CMI

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

 CME JAMA. 2020;324(24):2469-2471. doi:10.1001/jama.2020.19479

This Arts and Medicine feature reviews the best graphic stories about and explanations of the coronavirus pandemic that were published online in 2020.

Poetry and Medicine

An Essential Worker's List of Pandemic Chores for the Kids

Wendy Stead, MD

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

 JAMA. 2020;324(24):2560. doi:10.1001/jama.2020.18681

JAMA Revisited

Medicine and the War: Miscellaneous: A British Tribute to the American Physician

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


 JAMA. 2020;324(24):2561. doi:10.1001/jama.2019.13763

JAMA Patient Page

Gastroesophageal Reflux Disease

John Maret-Ouda, MD, PhD; Sheraz R. Markar, MD, PhD; Jesper Lagergren, MD, PhD

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

 JAMA. 2020;324(24):2565. doi:10.1001/jama.2020.21573

This JAMA Patient Page describes the causes, symptoms and signs, and treatments, including medication (eg, proton pump inhibitors) and surgery (eg, fundoplication), for gastroesophageal

Peyronie Disease

Christopher D. Gaffney, MD; James A. Kashanian, MD

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

FREE JAMA. 2020;324(24):2566. doi:10.1001/jama.2020.14819

This JAMA Patient Page describes Peyronie disease, a scarring of tissue in the penis that may affect sexual function, and available procedural treatment options.

Comment & Response

Cross-Training in Neurology and Psychiatry

Liam C. Butchart, BA

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

JAMA. 2020;324(24):2557-2558. doi:10.1001/jama.2020.21927

Cross-Training in Neurology and Psychiatry—Reply

Matcheri S. Keshavan, MD; Bruce H. Price, MD; Joseph B. Martin, MD, PhD

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

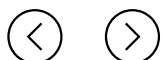
JAMA. 2020;324(24):2558. doi:10.1001/jama.2020.21930

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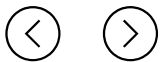
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December; 180 (12): 1568-1717



December 2020, Vol 180, No. 12, Pages 1568-1717

Viewpoint

Navigating Through Health Care Data Disrupted by the COVID-19 Pandemic

Kayoko Shioda, DVM, MPH; Daniel M. Weinberger, PhD; Makoto Mori, MD

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JAMA Intern Med. 2020;180(12):1569-1570. doi:10.1001/jamainternmed.2020.5542

This Viewpoint examines the association between the COVID-19 pandemic and health care-related data collection.


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Perspective

We Need Blood and I Am Not Allowed to Help

Greg J. Zahner, MD, MSc

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

FREE  CME *JAMA Intern Med.* 2020;180(12):1571-1572. doi:10.1001/jamainternmed.2020.4331

This Perspective details the unnecessary restrictions on gay men donating blood and the impact of these restrictions on the critical shortages of blood supply during the COVID-19 pandemic.

The Incompatibility of Patient-Centered Care With Fee-for-Service Payment

Jennifer E. DeVoe, MD, DPhil

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

JAMA Intern Med. 2020;180(12):1572-1573. doi:10.1001/jamainternmed.2020.4341


This essay details the services provided by primary care clinicians that are not covered by fee-for-service payments but that are more important to patients, especially near the end of life, than many expensive, unwanted tests for which fee-for-service payments are available.

Physician Work Environment and Well-Being

Medicine and Grief During the COVID-19 Era: The Art of Losing

Amrapali Maitra, MD, PhD

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

FREE  CME *JAMA Intern Med.* 2020;180(12):1573-1575. doi:10.1001/jamainternmed.2020.5635

This essay discusses the difficulties associated with mourning in the time of coronavirus 2019.

Original Investigation

Seroprevalence of Antibodies to SARS-CoV-2 in 10 Sites in the United States, March 23-May 12, 2020

Fiona P. Havers, MD, MHS; Carrie Reed, PhD; Travis Lim, DrPH; et al.

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

This cross-sectional study estimates the prevalence of severe acute respiratory syndrome coronavirus 2 antibodies in convenience samples from 10 geographic sites in the United States.

Editorial

Serosurveillance and the COVID-19 Epidemic in the US: Undetected, Uncertain, and Out of Control

Tyler S. Brown, MD; Rochelle P. Walensky, MD, MPH

Association of Infections and Use of Fluoroquinolones With the Risk of Aortic Aneurysm or Aortic Dissection

Yaa-Hui Dong, PhD; Chia-Hsueh Chang, MD, ScD; Jiun-Ling Wang, MD; et al.

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

JAMA Intern Med. 2020;180(12):1587-1595. doi:10.1001/jamainternmed.2020.4192

This case-control study estimates the risk of aortic aneurysm or aortic dissection associated with infections and the comparative risk associated with fluoroquinolones vs other antibiotics with similar indication profiles among patients with the same types of infections.

Editor's Note

Observational Study Design Challenges—The Case of Fluoroquinolones and Aortic Disease

Raphaella Lipinsky DeGette, MD; Richard William Grant, MD MPH

Association of Fluoroquinolones With the Risk of Aortic Aneurysm or Aortic Dissection

Chandrasekar Gopalakrishnan, MD, MPH; Katsiaryna Bykov, PharmD, ScD; Michael A. Fischer, MD, MS; et al.

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

JAMA Intern Med. 2020;180(12):1596-1605. doi:10.1001/jamainternmed.2020.4199

This cohort study examines the risk for aortic aneurysm or aortic dissection in patients receiving fluoroquinolones for treatment of pneumonia or urinary tract infection.

Editor's Note


Observational Study Design Challenges—The Case of Fluoroquinolones and Aortic Disease

Raphaela Lipinsky DeGette, MD; Richard William Grant; MD MPH

Filtration Efficiency of Hospital Face Mask Alternatives Available for Use During the COVID-19 Pandemic

Emily E. Sickbert-Bennett, PhD, MS; James M. Samet, PhD, MPH; Phillip W. Clapp, PhD; et al.

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


FREE  CME *JAMA Intern Med.* 2020;180(12):1607-1612. doi:10.1001/jamainternmed.2020.4221

This quality improvement study assesses aerosol filtration efficiencies for fitted face mask alternatives used during the coronavirus disease 2019 pandemic.

Cell Phone Activity in Categories of Places and Associations With Growth in Cases of COVID-19 in the US

Shiv T. Sehra, MD; Michael George, MD, MSCE; Douglas J. Wiebe, PhD; et al.

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

FREE  CME *JAMA Intern Med.* 2020;180(12):1614-1620. doi:10.1001/jamainternmed.2020.4288


This cohort study examines the association between cell phone location and the rate of change in new COVID-19 cases by county across the US.

Less Is More

Early Noninvasive Cardiac Testing After Emergency Department Evaluation for Suspected Acute Coronary Syndrome

Aniket A. Kawatkar, PhD; Adam L. Sharp, MD; Aileen S. Baecker, PhD; et al.

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

 CME *JAMA Intern Med.* 2020;180(12):1621-1629. doi:10.1001/jamainternmed.2020.4325

This retrospective cohort study evaluates the effectiveness of early noninvasive cardiac testing in patients presenting to an emergency department with chest pain.

Association of the National Health Guidance Intervention for Obesity and Cardiovascular Risks With Health Outcomes Among Japanese Men

Shingo Fukuma, MD, PhD; Toshiaki Iizuka, PhD; Tatsuyoshi Ikenoue, MD, PhD; et al.

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



JAMA Intern Med. 2020;180(12):1630-1637. doi:10.1001/jamainternmed.2020.4334

This cohort study investigates the association of the national health guidance intervention for obesity and cardiovascular risks with population health outcomes among working-age men in Japan.

Overall and Cause-Specific Mortality in Randomized Clinical Trials Comparing Percutaneous Interventions With Coronary Bypass Surgery: A Meta-analysis

Mario Gaudino, MD, MSCE; Irbaz Hameed, MD; Michael E. Farkouh, MD; et al.

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

JAMA Intern Med. 2020;180(12):1638-1646. doi:10.1001/jamainternmed.2020.4748

This meta-analysis evaluates the difference in all-cause and cause-specific mortality in randomized clinical trials comparing percutaneous coronary intervention with coronary artery bypass grafting for the treatment of patients with coronary artery disease.

Implication of Trends in Timing of Dialysis Initiation for Incidence of End-stage Kidney Disease

Chi-yuan Hsu, MD, MSc; Rishi V. Parikh, MPH; Leonid N. Pravoverov, MD; et al.

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

JAMA Intern Med. 2020;180(12):1647-1654. doi:10.1001/jamainternmed.2020.5009

This large cohort study assesses temporal trends in initiating long-term kidney dialysis by level of estimated glomerular filtration rate to evaluate whether an association exists between these trends and the number of patients with end-stage kidney disease.

Concordance Between Blood Pressure in the Systolic Blood Pressure Intervention Trial and in Routine Clinical Practice

Paul E. Drawz, MD, MHS, MS; Anil Agarwal, MD; Jamie P. Dwyer, MD; et al.

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




JAMA Intern Med. 2020;180(12):1655-1663. doi:10.1001/jamainternmed.2020.5028

This prognostic study evaluates the concordance between blood pressures obtained in routine clinical practice and those obtained using the Systolic Blood Pressure Intervention Trial protocol and whether concordance varied by target trial blood pressure.

Community Outbreak Investigation of SARS-CoV-2 Transmission Among Bus Riders in Eastern China

Ye Shen, PhD; Changwei Li, PhD; Hongjun Dong, MD; et al.

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

   *JAMA Intern Med.* 2020;180(12):1665-1671. doi:10.1001/jamainternmed.2020.5225

This cohort study examines the potential for airborne spread of COVID-19 through investigation of an outbreak among bus riders in Eastern China.



Audio Clinical Review: Gyms, Restaurants, Mass Transit, and Community COVID-19 Exposures

Health Care Policy and Law

Association of Medicaid-Focused or Commercial Medicaid Managed Care Plan Type With Outpatient and Acute Care

Shailender Swaminathan, PhD; Chima D. Ndumele, PhD; Sarah H. Gordon, PhD; et al.

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

JAMA Intern Med. 2020;180(12):1672-1679. doi:10.1001/jamainternmed.2020.5408


This cohort study compares the use of outpatient and acute care between Medicaid enrollees randomly assigned to a national commercial managed care plan or a local Medicaid-focused managed care plan.

Invited Commentary

Filtration Efficiency, Effectiveness, and Availability of N95 Face Masks for COVID-19 Prevention

Caitlin M. Dugdale, MD; Rochelle P. Walensky, MD, MPH

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

FREE  CME *JAMA Intern Med.* 2020;180(12):1612-1613. doi:10.1001/jamainternmed.2020.4218

A Tale of 2 Blood Pressures

John A. Dodson, MD, MPH; Daichi Shimbo, MD

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

JAMA Intern Med. 2020;180(12):1663-1664. doi:10.1001/jamainternmed.2020.5007

Stopping Superfluous Shocks With System Solutions

Amneet Sandhu, MD, MSc; Dan Matlock, MD, MPH

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

JAMA Intern Med. 2020;180(12):1692-1693. doi:10.1001/jamainternmed.2020.5430

Editor's Note

Observational Study Design Challenges—The Case of Fluoroquinolones and Aortic Disease

Raphaela Lipinsky DeGette, MD; Richard William Grant; MD MPH

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

JAMA Intern Med. 2020;180(12):1605-1606. doi:10.1001/jamainternmed.2020.4191

Teachable Moment

Less Is More

Implantable Cardioverter Defibrillator Management at the End of Life: A Teachable Moment

Samuel A. Kelly, MD, MBE; Ryan Kabir, MD; Neil Keshvani, MD

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

This Teachable Moment advocates for considering a patient's implantable cardioverter defibrillator in discussions regarding a do-not-resuscitate order.

Research Letter

Association of Sleep Duration and Variability With Body Mass Index: Sleep Measurements in a Large US Population of Wearable Sensor Users

Stuti J. Jaiswal, MD, PhD; Giorgio Quer, PhD; Michael Galarnyk, MAS; et al.

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

JAMA Intern Med. 2020;180(12):1694-1696. doi:10.1001/jamainternmed.2020.2834

This cohort study examines sleep and demographic data from wearable activity tracking devices to assess for an association of sleep duration and variability with body mass index.

Out-of-Pocket Costs for Novel Guideline-Directed Diabetes Therapies Under Medicare Part D

Colette DeJong, MD; Camlyn Masuda, PharmD, BCACP, CDCES; Randi Chen, MS; et al.

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


JAMA Intern Med. 2020;180(12):1696-1699. doi:10.1001/jamainternmed.2020.2922

This study examines cost sharing for novel second-line diabetes treatment agents under Medicare Part D.

Illness-Related Work Absence in Mid-April Was Highest on Record

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

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

FREE  CME *JAMA Intern Med.* 2020;180(12):1699-1701. doi:10.1001/jamainternmed.2020.2926

This survey study analyzes data from the Current Population Survey to compare trends in work absence over the first 4 months of 2020 relative to 2019 to shed light on the health and economic effects of the coronavirus disease 2019 pandemic.

Health Care Policy and Law

Clinical Evidence Supporting US Food and Drug Administration Clearance of Novel Therapeutic Devices via the De Novo Pathway Between 2011 and 2019

James L. Johnston, BS; Sanket S. Dhruva, MD, MHS; Joseph S. Ross, MD, MHS; et al.

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



JAMA Intern Med. 2020;180(12):1701-1703. doi:10.1001/jamainternmed.2020.3214

This cross-sectional study characterizes the premarket clinical evidence supporting clearance of moderate-risk novel therapeutic medical devices by the US Food and Drug Administration.

COVID-19 and Psychological Distress—Changes in Internet Searches for Mental Health Issues in New York During the Pandemic

Stefan Stijelja, BS; Brian L. Mishara, PhD

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

  *JAMA Intern Med.* 2020;180(12):1703-1706. doi:10.1001/jamainternmed.2020.3271

This cross-sectional study analyzes trends in internet searches for mental health issues in New York during the coronavirus disease 2019 lockdown.

Internet Searches for Acute Anxiety During the Early Stages of the COVID-19 Pandemic

John W. Ayers, PhD, MA; Eric C. Leas, PhD, MPH; Derek C. Johnson, PhD, MPH; et al.

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


 *JAMA Intern Med.* 2020;180(12):1706-1707. doi:10.1001/jamainternmed.2020.3305

This cross-sectional study analyzes internet search data to evaluate the association of COVID-19 with anxiety.

Prevalence of SARS-CoV-2 Infection Among Health Care Workers in a Tertiary Community Hospital

Allen Jeremias, MD, MSc; James Nguyen, MD; Joseph Levine, MD; et al.

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


FREE  CME *JAMA Intern Med.* 2020;180(12):1707-1709. doi:10.1001/jamainternmed.2020.4214

This cross-sectional study assesses the rate of COVID-19 infection among health care workers in a large community hospital.

Asymptomatic and Presymptomatic Severe Acute Respiratory Syndrome Coronavirus 2 Infection Rates in a Multistate Sample of Skilled Nursing Facilities

Elizabeth M. White, PhD, APRN; Christopher M. Santostefano, BSN, RN; Richard A. Feifer, MD, MPH; et al.

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

FREE  CME *JAMA Intern Med.* 2020;180(12):1709-1711. doi:10.1001/jamainternmed.2020.5664

This cross-sectional study examines the prevalence of asymptomatic and presymptomatic severe acute respiratory syndrome coronavirus 2 infection in skilled nursing facilities.

Challenges in Clinical Electrocardiography

Unusual Electrocardiographic Findings in a Patient With a Postmyocardial Infarction

Qinghua Chang, MD; Dianzhu Pan, MD; Renguang Liu, MD

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

JAMA Intern Med. 2020;180(12):1680-1681. doi:10.1001/jamainternmed.2020.1890

This case report presents unusual electrocardiographic findings in a patient with a postmyocardial infarction.

Wide QRS Complex Tachycardia With a Dominant R-Wave in Lead aVR—Is It Ventricular Tachycardia?

Xiao-yan Yang, MD; Xin-tian Song, MD; Yi Zhang, MD, PhD

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

JAMA Intern Med. 2020;180(12):1682-1684. doi:10.1001/jamainternmed.2020.4759

A woman in her 50s presented to the emergency department in a comatose condition 1 hour after she had consumed 50 tablets each of doxepin and amitriptyline as a suicide attempt due to depression.

A Man With a Sixth Wave in Electrocardiogram Results

Arshi Naz, BS; Sajjad A. Khan, MBBS; Rahman Shah, MD

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

JAMA Intern Med. 2020;180(12):1685-1686. doi:10.1001/jamainternmed.2020.4783

This case report describes a 39-year-old man with a short history of subjective fever, lethargy, cough, nausea, and vomiting.

The Negative U Wave: The Company U Keep

James W. Salazar, MD, MAS; Nora Goldschlager, MD

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

JAMA Intern Med. 2020;180(12):1687-1688. doi:10.1001/jamainternmed.2020.5024

This case report presents the electrocardiographic findings of a woman in her 60s who arrived in the emergency department with altered mental status, elevated blood pressure, and asymmetric pupils.

Scorpion Sting With ST-Segment Elevation

Himmatrao Bawaskar, MD; Pratap Patore, MBBS, MD; Parag Bawaskar, DM

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

JAMA Intern Med. 2020;180(12):1689-1690. doi:10.1001/jamainternmed.2020.5674

This case report describes a young patient with severe shortness of breath after a scorpion sting.

Comment & Response

Deprescribing Proton Pump Inhibitors

Jacob E. Kurlander, MD, MS; Juan J. Gonzalez, MD; Sameer D. Saini, MD, MS

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

JAMA Intern Med. 2020;180(12):1711-1712. doi:10.1001/jamainternmed.2020.2441

Less Is More

Deprescribing Proton Pump Inhibitors—Reply

Emily G. McDonald, MD, MSc; Todd C. Lee, MD, MPH

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

JAMA Intern Med. 2020;180(12):1712. doi:10.1001/jamainternmed.2020.2429

SEP-1 Septic Shock Bundle Guidelines Not Applicable to Inpatients

Jason Stankiewicz, MD; Maniraj Jeyaraju, BS; Michael T. McCurdy, MD

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

JAMA Intern Med. 2020;180(12):1712-1713. doi:10.1001/jamainternmed.2020.2756

Health Care Policy and Law

SEP-1 Septic Shock Bundle Guidelines Not Applicable to Inpatients—Reply

Jonathan D. Baghdadi, MD, PhD; Daniel Z. Uslan, MD, MBA; Mitchell D. Wong, MD, PhD

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

JAMA Intern Med. 2020;180(12):1713-1714. doi:10.1001/jamainternmed.2020.2768

Decision Aids and the Absence of Expected Longevity Benefits of Mammography Screening in Women 75 Years and Older

Alberto Donzelli, MD; Giulia Giudicatti, MD

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JAMA Intern Med. 2020;180(12):1714. doi:10.1001/jamainternmed.2020.3620

Decision Aids and the Absence of Expected Longevity Benefits of Mammography Screening in Women 75 Years and Older—Reply

Mara A. Schonberg, MD, MPH; Mary Beth Hamel, MD, MPH; Christine E. Kistler, MD, MASc

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

JAMA Intern Med. 2020;180(12):1714-1715. doi:10.1001/jamainternmed.2020.3617

Clinical Laboratory Test Unit Homogeneity—an Urgent Need

Michele Mussap, MD

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JAMA Intern Med. 2020;180(12):1715-1716. doi:10.1001/jamainternmed.2020.3532

Challenges in Prediction and Diagnosis of Alcohol Withdrawal Syndrome and Wernicke Encephalopathy

Gian Pietro Sechi, MD; M. Margherita Sechi, MD

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

JAMA Intern Med. 2020;180(12):1716. doi:10.1001/jamainternmed.2020.3558

Challenges in Prediction and Diagnosis of Alcohol Withdrawal Syndrome and Wernicke Encephalopathy—Reply

Thomas D. Brothers, MD; Paxton Bach, MD

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

JAMA Intern Med. 2020;180(12):1716-1717. doi:10.1001/jamainternmed.2020.3561

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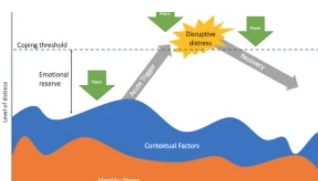
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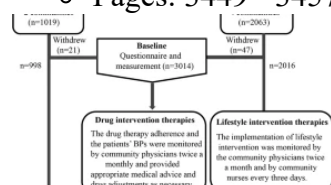
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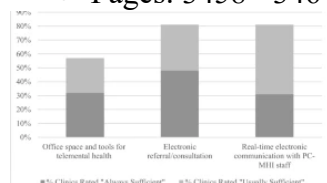
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- Wen-Long Ren
- Yong-Fu Yu
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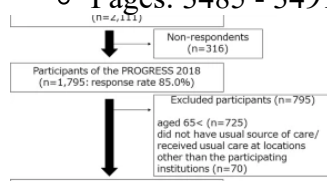
- Ali Thaver
- Mark Chee
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• d1 "nonconformers" or
[c - PATIENT DRUG PREFERENCE]
• c0 neutral - "has never expressed a preference for brand or generic drugs"
• c1 brand name preference - "expressed concern that the generic drug will not work for her"
[d - DRUG]
• d0 "antidepressants"
• d1 "oral contraceptives"
VIGNETTE 1 VIGNETTE 2

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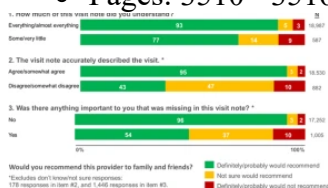
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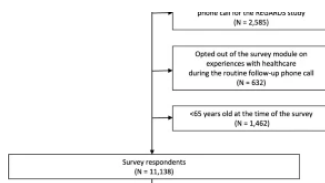
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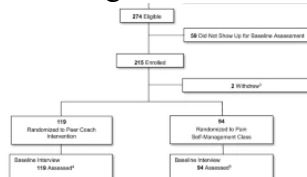
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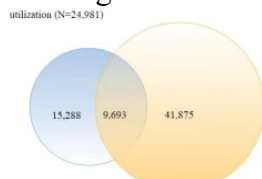
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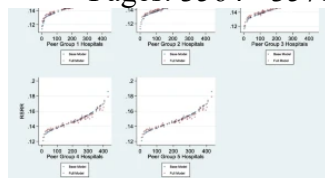
• ≥5 chronic medications
• Able to provide informed consent or have legally authorized representative who can do so (if the patient was unable to provide informed consent, we obtained oral assent from the patient and written consent from the legally authorized representative). Family caregivers who wished to participate independently were consented separately. If the caregiver participated in the interview alongside the patient, we obtained consent from both.

In the second phase of recruitment, we additionally required that patients self-identify in the electronic medical record as

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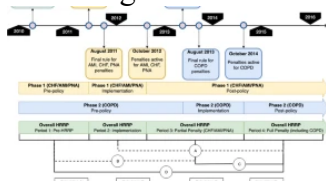
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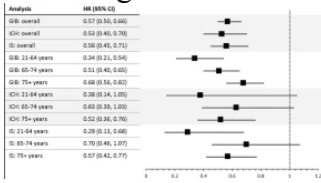
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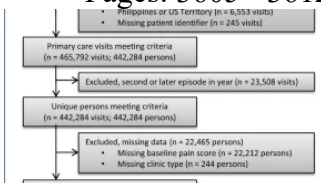
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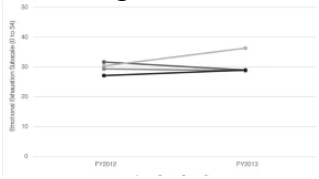
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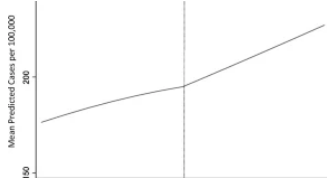


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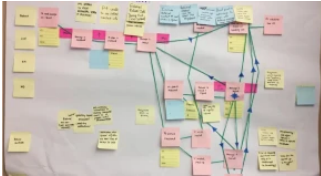
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- Pages: 3656 - 3663

*intern who recently graduated at the top of his medical school c
nowledge, he has struggled with being able to manage the increa
t comes with his new role on the inpatient team. Additionally, h
ew electronic health record. When given feedback on his perfo
and attending physician, Dr. M is resistant, citing his prior suc*

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- Physical Activity Coaching for Patients with COPD

IMPACT	IMPACT
<p>PI: Hsueh Ning, PhD</p> <p>Operational sponsor: Michael Kent, PMO</p> <p>Operational partners: Regional Office of Fieldwork and Research, Regional Forestry Rehabilitation Unit</p> <p>External partners: Research collaboration at Harvard University, University of California, Davis</p> <p>Team members: Practising audiologists, respiratory therapy members at medical centres, health services researchers, environmental epidemiologists</p> <p>Funding: CREST/NIH/USDA (S&S)</p>	<ul style="list-style-type: none"> Innovation <ul style="list-style-type: none"> Integrated data from activity sensors and patient and physician management systems Actionable findings <ul style="list-style-type: none"> Identified environmental physical risk to reduce acute exacerbations Dissemination <ul style="list-style-type: none"> Study published (Environ Health Persp 2016; 124: 1067-1074, accepted) Presented at 2016 American Lung Association Conference Primary survey (2008) reviewed (Proc SPIE 2014; 9167: 01) Secondary survey (2008) reviewed (Proc SPIE 2014; 9167: 02) Presented at international symposium: 2008 ASP and others and national scientific meetings Implementation <ul style="list-style-type: none"> Respiratory therapists expanded individualized intervention on patients with COPD Physicians began using WPA-CO2 in referring context Physicians began using WPA-CO2 in patient management Improved affordability <ul style="list-style-type: none"> Physicians began using WPA-CO2 for pulmonary rehabilitation for all without a PFT

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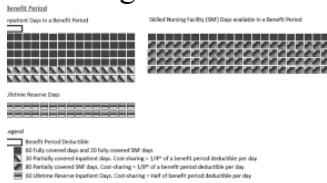
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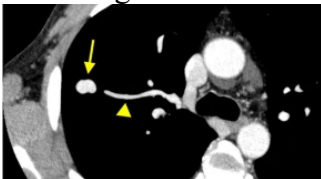
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- Published: 31 August 2020
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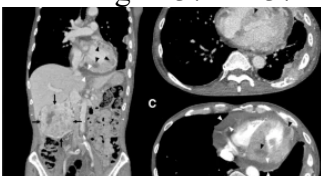
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- Published: 18 September 2020
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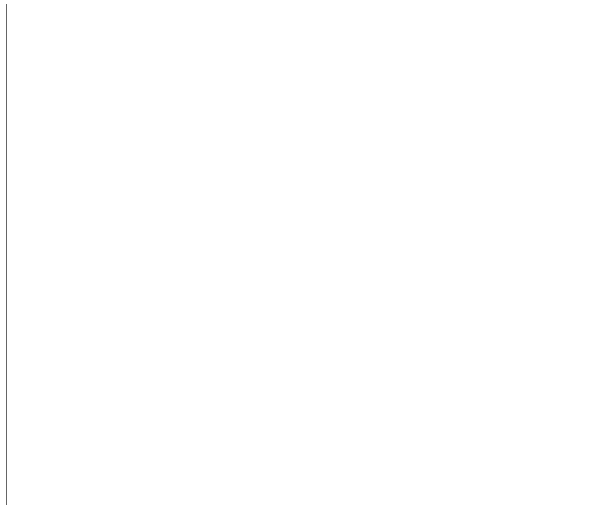
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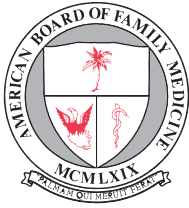
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



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



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



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



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


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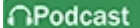
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



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