

☐ From the Editor

Going Extraordinary Distances With Physician–Scientists (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Going_Extraordinary_

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[Table of Contents Outline](#) | [Back to Top](#)

☐ Letters to the Editor

How Can More Women be Elected to Leadership Positions in Medical Specialty Societies? (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/How_Can_More_Wom

Esparza, Rachel; Stanford, Fatima Cody; Silver, Julie K.

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In Reply to Esparza et al (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/In_Reply_to_Esparza_

Jagsi, Reshma; Means, Olivia; Chatterjee, Archana

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Redressing Gender Imbalance in Leadership in Academic Medicine (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Redressing_Gender_In

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Collaborative, Longitudinal Data Are Necessary to Support Diversity Efforts in Residency Recruitment and Selection (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Collaborative,_Longitu

Bowe, Sarah N.; Bly, Randall A.; Whipple, Mark E.

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Out of the Ivory Tower: Successes From a Community-Engaged Structural Competency Curriculum (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Out_of_the_Ivory_Tov

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Recommendations for Fostering Inclusivity in Medical Education (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Recommendations_for

Bangi, Shifa; Barve, Rajas; Qamar, Amna

Academic Medicine. 96(4):482-483, April 2021.

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Not a “One-Size-Fits-All” Approach: The Educational Commission for Foreign Medical Graduates’ 2024 Accreditation Policy Encourages Local Context (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Not_a_One_Size_Fit

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A Trainee-Led Way to Help International Medical Graduates Meet the Challenges of a U.S. Residency (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/A_Trainee_Led_Way

Odebunmi, Tolulope; Jennifer, Mats Steffi; Erayil, Serin Edwin; More
Academic Medicine. 96(4):484-485, April 2021.

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[Table of Contents Outline](#) | [Back to Top](#)

☐ Invited Commentaries

The Physician–Investigator Workforce: Looking Ahead (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/The_Physician_Investi

Andriole, Dorothy A.; Wolfson, Rachel K.
Academic Medicine. 96(4):486-489, April 2021.

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Table of Contents Outline | Back to Top

☐ Scholarly Perspectives

Building a System to Engage and Sustain Research Careers for Physicians (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Building_a_System_to

Huang, Xuemei; Dovat, Sinisa; Mailman, Richard B.; More

Academic Medicine. 96(4):490-494, April 2021.

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Accessible and Adaptable Faculty Development to Support Curriculum Reform in Medical Education (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Accessible_and_Adapt

van Schaik, Sandrijn M.

Academic Medicine. 96(4):495-500, April 2021.

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Enrollment Management in Undergraduate Medical School Admissions: A Complementary Framework to Holistic Review for Increasing Diversity in Medicine (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Enrollment_Managem

Nakae, Sunny; Porfeli, Erik J.; Davis, Dwight; More

Academic Medicine. 96(4):501-506, April 2021.

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Instacash: The Ethics of Leveraging Medical Student Status on Social Media (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Instacash__The_Ethic

Dugdale, L.S.; Braswell, H.

Academic Medicine. 96(4):507-511, April 2021.

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< Previous Issue (</academicmedicine/toc/2021/03000>) | Next Issue (</academicmedicine/pages/currenttoc.aspx>) >



April 2021 - Volume 96 - Issue 4

pp: 477-610

☰ Table of Contents Outline

☑ Subscribe to eTOC

☰ View Contributor Index (<https://journals.lww.com/academicmedicine/pages/contributorindex.aspx?year=2021&issue=04000>)

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Lessons From the First Decade of the Native American Summer Research Internship at the University of Utah

(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Lessons_From_the_Fi

Holsti, Maija; Clark, Edward B.; Fisher, Simon; More

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Creating a Program to Support Registering and Reporting Clinical Trials at Johns Hopkins University (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Creating_a_Program_t

Keyes, Anthony; Mayo-Wilson, Evan; Nuamah, Prince; More
Academic Medicine. 96(4):529-533, April 2021.

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SPRINTing to Innovation: Children's Hospital of Philadelphia's Strategic Approach to Discovering Its Untapped Innovation Potential (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/SPRINTing_to_Innova

Hunter, Ryan Brandon; Winston, Flaura K.; Dehel, Paul; More
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[Table of Contents Outline](#) | [Back to Top](#)

Cover Art

Artist's Statement: Rainbows to Remember (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Artist_s_Statement__I

McAdams, Ryan M.
Academic Medicine. 96(4):528, April 2021.

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[Table of Contents Outline](#) | [Back to Top](#)

☐ Teaching and Learning Moments

The Art of Running and Medicine

(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/The_Art_of_Running_

Lenze, Nicholas R.

Academic Medicine. 96(4):533, April 2021.

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Experiencing the Patient Experience

(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Experiencing_the_Pati

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Home Sweet Home

(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Home_Sweet_Home.3!

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[Table of Contents Outline](#) | [Back to Top](#)

☐ Research Reports

MD–PhD Program Graduates’ Engagement in Research: Results of a National Study

(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/MD_PhD_Program_Gr

Andriole, Dorothy A.; Grbic, Douglas; Yellin, Jodi; More

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Program Evaluation of the Research in Academic Pediatrics Initiative on Diversity (RAPID): Impact on Career Development and Professional Society Diversity (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Program_Evaluation_c

Flores, Glenn; Mendoza, Fernando; Brimacombe, Michael B.; More
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(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Program_Evaluation_of_the_Research_in_article-sam-container)

Recognizing Cross-Institutional Fiscal and Administrative Barriers and Facilitators to Conducting Community-Engaged Clinical and Translational Research (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Recognizing_Cross_In

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Academic Medicine. 96(4):558-567, April 2021.

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-  Favorites
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article-sam-container)

Full-Time Faculty in Clinical and Basic Science Departments by Sex and Underrepresented in Medicine Status: A 40-Year Review (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Full_Time_Faculty_in

Xierali, Imam M.; Nivet, Marc A.; Rayburn, William F.
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Fernandez, Sofia B.; Clarke, Rachel D.; Sheehan, Diana M.; More
Academic Medicine. 96(4):576-584, April 2021.

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(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Perceptual_Facilitators_for_and_Barriers_article-sam-container)

Influences on and Characteristics of the Professional Identity Formation of Clinician Educators: A Qualitative Analysis (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Influences_on_and_Cl)

Triemstra, Justin D.; Iyer, Maya S.; Hurtubise, Larry; More
Academic Medicine. 96(4):585-591, April 2021.

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(https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Influences_on_and_Characteristics_of_the_article-sam-container)

Learner Handover: Who Is It Really For? (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Learner_Handover__V)

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Academic Medicine. 96(4):592-598, April 2021.

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- ☆ Favorites
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[Table of Contents Outline](#) | [Back to Top](#)

☐ Reviews

An Evaluation of Faculty Development Programs for Clinician–Educators: A Scoping Review (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/An_Evaluation_of_Fac

Alexandraki, Irene; Rosasco, Robyn E.; Mooradian, Arshag D.

Academic Medicine. 96(4):599-606, April 2021.

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[Table of Contents Outline](#) | [Back to Top](#)

☐ AM Last Page

Taking the Scholarly Practice One Step Further by Producing Education Scholarship (https://journals.lww.com/academicmedicine/Fulltext/2021/04000/Taking_the_Scholarly_

Colbert-Getz, Jorie; Shaffer, Kerri; Chow, Candace

Academic Medicine. 96(4):610, April 2021.

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[Table of Contents Outline](#) | [Back to Top](#)

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-
- 1
- 2

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April 1, 2021

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Articles

HIV Infection in Adults: Initial Management (<https://www.aafp.org/afp/2021/0401/p407.html>).

Ronald Goldschmidt; Carolyn Chu

The Suicidal Patient: Evaluation and Management (<https://www.aafp.org/afp/2021/0401/p417.html>).

David R. Norris; Molly S. Clark

Cerebrospinal Fluid Analysis (<https://www.aafp.org/afp/2021/0401/p422.html>).

Brian Shahan; Edwin Y. Choi; Gilberto Nieves

Departments

Editorials: Preventing Physician Suicide (<https://www.aafp.org/afp/2021/0401/p396.html>), - Free Full Text
Jennifer L. Middleton

AFP Clinical Answers: Tuberculosis, COPD, Pelvic Floor Muscle Training, Burns, Sepsis
(<https://www.aafp.org/afp/2021/0401/p403.html>).

Cochrane for Clinicians: Active vs. Expectant Management in the Third Stage of Labor
(<https://www.aafp.org/afp/2021/0401/p404.html>).

Karl T. Clebak; Jason R. Croad; Andrew I. Lutzkanin

Cochrane for Clinicians: Epidural Corticosteroid Injections for Lumbosacral Radicular Pain
(<https://www.aafp.org/afp/2021/0401/p405.html>).

Alan L. Williams; Jeffrey C. Leggit

Diagnostic Tests: What Physicians Need to Know: Digital Breast Tomosynthesis for Breast Cancer Screening (<https://www.aafp.org/afp/2021/0401/p430.html>).

Kathleen Barry; Chelsea Evans

Medicine by the Numbers: Treatment of Distal DVT (<https://www.aafp.org/afp/2021/0401/p432.html>)

D. Jason Frasca; Kayla Leach-Frasca

FPIN's Clinical Inquiries: Kinesiology Taping for Knee Osteoarthritis Pain

(<https://www.aafp.org/afp/2021/0401/p434.html>)

Dan Kelley; Gary Kelsberg; Sarah Safranek

Photo Quiz: Acute Neck Swelling in a Child (<https://www.aafp.org/afp/2021/0401/p437.html>)

Nandhini Veeraraghavan; Hussein Bharwani; Hadra Habib

Practice Guidelines: Obstructive Sleep Apnea and Chronic Insomnia Disorder: Updated Guidelines from the VA/DoD (<https://www.aafp.org/afp/2021/0401/p442.html>)

Joanna Drowos

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POEMS

Three Strategies Are Effective in Managing Patients with Medication Overuse Headaches

(<https://www.aafp.org/afp/2021/0401/p439a.html>)

Musculoskeletal Surgery for Nontraumatic Pain: Not a Great Analgesic

(<https://www.aafp.org/afp/2021/0401/p439.html>)

In High-Risk Older Patients with Atrial Fibrillation, Rhythm Control Reduces Cardiovascular Death and Stroke, But at a Price (<https://www.aafp.org/afp/2021/0401/p440.html>)

iCanQuit Smartphone App Is Effective in Helping with Smoking Cessation

(<https://www.aafp.org/afp/2021/0401/p441.html>)

LETTERS TO THE EDITOR

Case Report: Chest-Wall Lump Yields a Surprising Diagnosis

(<https://www.aafp.org/afp/2021/0401/p393.html>) - Free Full Text

Tim Aung; Lee Seng Ong

The Role of Family Medicine in Reducing the Risk of Myopia

(<https://www.aafp.org/afp/2021/0401/p394.html>) - Free Full Text

Bobek S. Modjtahedi; Donald S. Fong; Susan Chiarito; Flora Lum

Prolotherapy: An Evidence-Based Adjunctive Therapy for Knee Osteoarthritis

(<https://www.aafp.org/afp/2021/0401/p395.html>)- **Free Full Text**

David Rabago; Brian Ralston; Annette Zaharoff

Reply: Diane M. Flynn

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[Interpreting SARS-CoV-2 Diagnostic Tests: Common Questions and Answers](https://www.aafp.org/afp/2021/0415/p465.html)

(<https://www.aafp.org/afp/2021/0415/p465.html>) - Free Full Text

William D. Nettleton

[Mifepristone and Misoprostol for Early Pregnancy Loss and Medication Abortion](https://www.aafp.org/afp/2021/0415/p473.html)

(<https://www.aafp.org/afp/2021/0415/p473.html>)

Honor Macnaughton; Melissa Nothnagle; Jessica Early

[Hypermobility Ehlers-Danlos Syndrome and Hypermobility Spectrum Disorders](https://www.aafp.org/afp/2021/0415/p481.html)

(<https://www.aafp.org/afp/2021/0415/p481.html>)

Kenneth S. Yew; Kara A. Kamps-Schmitt; Robyn Borge

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Editorials: [Key Recommendations on Managing Dyslipidemia for Cardiovascular Risk Reduction: Stopping Where the Evidence Does](https://www.aafp.org/afp/2021/0415/p455.html)

(<https://www.aafp.org/afp/2021/0415/p455.html>) - Free Full Text

Diary of a Family Physician: [Diary of a Family Physician](https://www.aafp.org/afp/2021/0415/p462.html)

(<https://www.aafp.org/afp/2021/0415/p462.html>) - Free Full Text

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Putting Prevention into Practice: [Screening for Hepatitis B Virus Infection in Adolescents and Adults](https://www.aafp.org/afp/2021/0415/p493.html)

(<https://www.aafp.org/afp/2021/0415/p493.html>)

Iris Mabry-Hernandez; Nolan O'Dowd

U.S. Preventive Services Task Force: Screening for Hepatitis B Virus Infection in Adolescents and Adults: Recommendation Statement (<https://www.aafp.org/afp/2021/0415/p495.html>)- Free Full Text

FPIN's Help Desk Answers: Nerve Blocks for Pancreatic Cancer Pain

(<https://www.aafp.org/afp/2021/0415/p502.html>).

Andrea Silva; Thomas Wenstrup

Photo Quiz: Multifocal Pneumonia: Fever, Cough, and Dyspnea

(<https://www.aafp.org/afp/2021/0415/p503.html>).

Anitha E. Mathew; Josh Mugele

STEPS: Elagolix, Estradiol, and Norethindrone Kit (OriaHnn) for the Management of Heavy Menstrual Bleeding Associated with Fibroids (<https://www.aafp.org/afp/2021/0415/p505.html>).

Jumana Antoun

Practice Guidelines: Dyslipidemia Management for Cardiovascular Disease Prevention: Guidelines from the VA/DoD (<https://www.aafp.org/afp/2021/0415/p507.html>).

Michael J. Arnold; Andrew Buelt

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(<https://www.aafp.org/afp/2021/0415/p481-s1.html>)- Free Full Text

LETTERS TO THE EDITOR

NAFLD in Children and Adolescents (<https://www.aafp.org/afp/2021/0415/p452.html>)- Free Full Text

Pascal J. de Caprariis; Ann DiMaio

Reply: Erin Westfall

Updated Statistics for Liver Biopsy Risk (<https://www.aafp.org/afp/2021/0415/p453.html>)- Free Full Text

Blaine Stott; John C. Dang

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APRIL 2021 ■ Volume 224, Number 4

EXPERT REVIEWS

339 The evolution of prenatal care delivery guidelines in the United States

Alex F. Peahl; Joel D. Howell

Tracing the evolution of prenatal care delivery guidelines offers providers and policy makers insights that can help inform the next generation of prenatal care delivery.

SYSTEMATIC REVIEWS

348 Less radical surgery for early-stage cervical cancer: a systematic review

Jenny Wu; Teresa Logue; Samantha J. Kaplan; Alexander Melamed; Ana I. Tergas; Fady Khoury-Collado; June Y. Hou; Caryn M. St Clair; Dawn L. Hershman; Jason D. Wright

This systematic review suggests that the use of simple hysterectomy for small volume, early-stage cervical cancer may be an appropriate alternative to radical hysterectomy.

CLINICAL OPINION

359 A paradigm shift to address racial inequities in perinatal healthcare

Ebony B. Carter; EleVATE Women Collaborative; Sara E. Mazzoni

Health inequities are not caused by personal failings within disadvantaged groups which can be erased with behavioral interventions. Solution-oriented strategies to achieve perinatal health equity require a greater research focus on systems, structures, and policies that perpetuate racism.

(continued)

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(continued)

ORIGINAL RESEARCH

Articles abstracted in this issue appear in full at ajog.org

GYNECOLOGY

- 362** Success and failure are dynamic, recurrent event states after surgical treatment for pelvic organ prolapse
J. Eric Jelovsek; Marie G. Gantz; Emily Lukacz; Amaanti Sridhar; Halina Zyczynski; Heidi S. Harvie; Gena Dunivan; Joseph Schaffer; Vivian Sung; R. Edward Varner; Donna Mazloomdoost; Matthew D. Barber; On behalf of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network
In pelvic prolapse surgical trials, one-quarter of participants who met the failure criteria fluctuated between success and failure including 84% who met the success criteria at the last follow-up.
- 364** Effect of length of surgery on the incidence of venous thromboembolism after benign hysterectomy
Janelle K. Moulder; Kristin J. Moore; Paula D. Strassle; Michelle Louie
The risk of venous thromboembolism is cumulative per 60-minute increase in operative time.
- 366** Risk of cervical precancer and cancer among uninsured and underserved women from 2009 to 2017
Mona Saraiya; Li C. Cheung; Ashwini Soman; Jacqueline Mix; Kristy Kenney; Xiaojian Chen; Rebecca B. Perkins; Mark Schiffman; Nicolas Wentzensen; Jacqueline Miller
This is a prospective study that determines the immediate risk of cervical intra-epithelial neoplasia grade 3 or cancer among underserved women.
- 368** Cervical cancer risk and screening among women seeking assistance with basic needs
Lindsay M. Kuroki; L. Stewart Massad; Candice Woolfolk; Tess Thompson; Amy McQueen; Matthew W. Kreuter
Low-income women seeking assistance with basic needs often lack cervical cancer screening. 2-1-1 female callers are twice as likely to make contact with Papanicolaou test services if assisted by a health navigator.
- 370** Mismatch repair status influences response to fertility-sparing treatment of endometrial cancer
Young Shin Chung; Ha Young Woo; Jung-Yun Lee; Eunhyang Park; Eun Ji Nam; Sunghoon Kim; Sang Wun Kim; Young Tae Kim
The Proactive Molecular Risk Classifier for Endometrial Cancer classification has prognostic significance in evaluating the success of the fertility-sparing management for early-stage endometrial cancer.

(continued on page 4A)

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(continued)

ORIGINAL RESEARCH *(continued from page 2A)*

372 Distinct microRNA profiles for complete hydatidiform moles at risk of malignant progression

Lawrence H. Lin; Izildinha Maestá; Jessica D. St. Laurent;

Kathleen T. Hasselblatt; Neil S. Horowitz; Donald P. Goldstein;

Bradley J. Quade; Sue Y. Sun; Antonio Braga; Rosemary A. Fisher;

Ross S. Berkowitz; Kevin M. Elias

MicroRNA (microRNA) sequencing reveals distinct miRNA profiles of complete molar pregnancies destined for malignant progression, with up-regulation of miR-181 and down-regulation of its target BCL2.

374 The effect of donor and recipient race on outcomes of assisted reproduction

Yijun Liu; Heather S. Hipp; Zsolt P. Nagy; Sarah M. Capelouto;

Daniel B. Shapiro; Jessica B. Spencer; Audrey J. Gaskins

Black female recipients had lower probability of live birth even when using vitrified oocytes from young, anonymous donors.

376 Abortion experiences and preferences of transgender, nonbinary, and gender-expansive people in the United States

Heidi Moseson; Laura Fix; Sachiko Ragosta; Hannah Forsberg; Jen Hastings;

Ari Stoeffler; Mitchell R. Lunn; Annesa Flentje; Matthew R. Capriotti;

Micah E. Lubensky; Juno Obedin-Maliver

Transgender, nonbinary, and gender-expansive people have abortions and have recommendations that can be used to adapt abortion care to better serve these marginalized populations.

OBSTETRICS

378 Fetal descent in nulliparous women assessed by ultrasound: a longitudinal study



Hulda Hjartardóttir; Sigrún H. Lund; Sigurlaug Benediktsdóttir;

Reynir T. Geirsson; Torbjörn M. Eggebo

A transperineal ultrasound was used to follow the fetal head descent longitudinally during the active phase of labor in nulliparous women with a spontaneous onset of labor at term.

380 Previous preterm cesarean delivery and risk of uterine rupture in subsequent trial of labor—a national cohort study

Ångla Mantel; Gunilla Ajne; Charlotte Lindblad Wollmann; Olof Stephansson

No association was found between previous preterm cesarean delivery and risk of uterine rupture in subsequent trial of labor compared with previous term cesarean delivery.

ORIGINAL RESEARCH *(continued)***382** Coronavirus disease 2019 infection and placental histopathology in women delivering at term

Elizabeth T. Patberg; Tracy Adams; Patricia Rekawek; Sevan A. Vahanian; Meredith Akerman; Andrea Hernandez; Amy V. Rapkiewicz; Louis Ragolia; Genevieve Sicuranza; Martin R. Chavez; Anthony M. Vintzileos; Poonam Khullar

Term pregnant women with coronavirus disease 2019 have a higher incidence of placental histopathologic abnormalities, including fetal vascular malperfusion and villitis of unknown etiology, than coronavirus disease 2019—negative controls.

384 Patient and provider perspectives of a new prenatal care model introduced in response to the coronavirus disease 2019 pandemic

Alex F. Peahl; Allison Powell; Hanna Berlin; Roger D. Smith; Elizabeth Krans; Jennifer Waljee; Vanessa K. Dalton; Michele Heisler; Michelle H. Moniz

New prenatal care approaches adopted during the coronavirus disease 2019 pandemic are promising but may need modifications to promote equity and positive care experience in the future.

387 New-onset myocardial injury in pregnant patients with coronavirus disease 2019: a case series of 15 patients

Brisandy Ruiz Mercedes; Ayna Serwat; Lena Naffaa; Nairovi Ramirez; Fatima Khalid; Sofia B. Steward; Omar Gabriel Caro Feliz; Mohamad Bassam Kassab; Lina Karout

Myocardial injury is frequent in severe coronavirus disease 2019 (COVID-19); pregnant women with COVID-19 could be more susceptible to myocardial injury and adverse outcomes.

389 Epidemiology of coronavirus disease 2019 in pregnancy: risk factors and associations with adverse maternal and neonatal outcomes

Justin S. Brandt; Jennifer Hill; Ajay Reddy; Meike Schuster; Haylea S. Patrick; Todd Rosen; Mark V. Sauer; Carla Boyle; Cande V. Ananth

Pregnant patients with severe or critical coronavirus disease 2019 are at an increased risk of adverse maternal and neonatal outcomes, whereas patients with mild disease seem to have similar outcomes compared with matched controls.

391 Coronavirus disease 2019 and first-trimester spontaneous abortion: a case-control study of 225 pregnant patients

Stefano Cosma; Andrea R. Carosso; Jessica Cusato; Fulvio Borella; Marco Carosso; Marialuisa Bovetti; Claudia Filippini; Antonio D'Avolio; Valeria Ghisetti; Giovanni Di Perri; Chiara Benedetto

The risk of first-trimester spontaneous abortion is not affected by severe acute respiratory syndrome coronavirus 2 infection.

393 Immunity and coagulation and fibrinolytic processes may reduce the risk of severe illness in pregnant women with coronavirus disease 2019

Yajuan Zhong; Yacong Cao; Xiaozhu Zhong; Zhihang Peng; Sushi Jiang; Tiantian Tang; Hai Chen; Xiaojia Li; Yankai Xia; Yanxiang Cheng; Xiaomiao Zhao

The specific immunity and coagulation and fibrinolytic systems may reduce the risk of severe illness in pregnant women with coronavirus disease 2019.

(continued on page 9A)

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(continued)

ORIGINAL RESEARCH *(continued from page 5A)***396** Routine first-trimester ultrasound screening using a standardized anatomical protocol

Yimei Liao; Huaxuan Wen; Shuyuan Ouyang; Ying Yuan; Jingru Bi; Yong Guan; Qian Fu; Xia Yang; Wenjia Guo; Yi Huang; Qing Zeng; Yue Qin; Haishan Xiang; Shengli Li

A standardized anatomic protocol is advised when performing routine first-trimester ultrasound screening. It demonstrated that the detection rate of fetal abnormalities during the first trimester reached 43.1% and, of the fetuses with structural abnormalities that could be detected using prenatal ultrasound, approximately half were diagnosed during the first trimester.

398 Efficacy of resuscitative infusion with hemoglobin vesicles in rabbits with massive obstetric hemorrhage

Yukako Yuki; Kohsuke Hagiwara; Manabu Kinoshita; Hiroki Ishibashi; Kouki Kaneko; Osamu Ishida; Daizoh Saitoh; Hiromi Sakai; Katsuo Terui

Hemoglobin vesicle infusion may be effective in the initial management of massive obstetric hemorrhage to prevent hemorrhagic shock.

IMAGES IN GYNECOLOGY

400 Vaginal bleeding from an unidentified suspicious uterine tumor in a young woman

Perrine Joulaud; Alixane Pithois; Rajeev Ramanah

This study presents the radiologic and laparoscopic illustration of a uterine hemangioma.

402 Spontaneous uterine artery erosion from deep infiltrating endometriosis

Wei How Lim; Vincent P. Lamaro

Arterial erosion from deep infiltrating endometriosis causing hemoperitoneum is a rare manifestation of a common pathology.

RESEARCH LETTERS

403 Incidence of uterine bleeding following oral anticoagulant use in Food and Drug Administration's Sentinel System

Abby Anderson; Audrey Gassman; Laura Hou; Ting-Ying Huang; Efe Eworuke; David Moeny; Hui-Lee Wong

Reproductive-aged women exposed to anticoagulants experience more uterine bleeding events leading to medical and surgical intervention than postmenopause-aged women.

404 Young pregnant women are also at an increased risk of mortality and severe illness due to coronavirus disease 2019: analysis of the Mexican National Surveillance Program

Raigam Jafet Martinez-Portilla; Emily R. Smith; Siran He; Johnatan Torres-Torres; Salvador Espino-Y-Sosa; Juan Mario Solis-Paredes; Liona C. Poon

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RESEARCH LETTERS *(continued)*

- 407** The state of obstetrics and gynecology residency programs' social media presence
Elizabeth Southworth; Sarah Santiago; J. Thomas Fitzgerald; Scott Graziano; Maya M. Hammoud; Helen Kang Morgan
- 408** Prognostic impact of hysteroscopic resection of endometrial atypical hyperplasia-endometrioid intraepithelial neoplasia and early-stage cancer in combination with megestrol acetate
Valeria Masciullo; Nausica Trivellizzi; Gianfranco Zannoni; Ursula Catena; Rossana Moroni; Francesco Fanfani; Giovanni Scambia
- 410** High frequency of posttraumatic stress symptoms among US obstetrical and gynecologic providers during the coronavirus disease 2019 pandemic
Miranda K. Kiefer; Rebecca R. Mehl; Kartik K. Venkatesh; Maged M. Costantine; Kara M. Rood

LETTERS TO THE EDITORS

- 414** 81-mg aspirin: a dosing dilemma
Lester Voutsos; Amanda N. King
Reply, page 414
Amanda Roman; Rupsa Boelig; Vincenzo Berghella
- 415** Thromboprophylaxis following cesarean in women with class III obesity: a proposed alternative dosing regimen
Richard L. Fischer; Michele Mele
- 416** Too long does not always mean too much
Antonio Ragusa; Denise Rinaldo; Alessandro Svelato
Reply, page 417
Stephanie A. Blankenship; Nandini Raghuraman; Alison G. Cahill
- 418** Assessing prevalence of inadequacy and excessive iodine intake: misinterpretation is lying in ambush
Janneke Verkaik-Kloosterman; Marjolein de Jong; Marga Ocké
Reply, page 418
Jean M. Kerver; Elizabeth N. Pearce; Michael R. Elliott; Nigel Paneth
- 419** Coronavirus disease 2019 and its controversial results during pregnancy
Fernanda Volpato; Laura G. dos Santos; Eliane M. dos Santos
Reply, page 420
Sonja A. Rasmussen; Denise J. Jamieson
- 421** Proteinuria in pregnancy: much ado about nothing
George R. Saade
Reply, page 422
Michal Fishel Bartal; Baha M. Sibai

(continued)

SOCIETY FOR MATERNAL-FETAL MEDICINE

- B2** **Society for Maternal-Fetal Medicine Consult Series #54: Assessing the risk of maternal morbidity and mortality**
 Society for Maternal-Fetal Medicine (SMFM); Justin R. Lappen; Christian M. Pettker; Judette M. Louis
 This Consult reviews the current literature on risk assessment during pregnancy and provides recommendations based on the available evidence.
- B16** **Society for Maternal-Fetal Medicine Consult Series #55: Counseling women at increased risk of maternal morbidity and mortality**
 Society for Maternal-Fetal Medicine (SMFM); Anjali Kaimal; Mary E. Norton
 This Consult reviews the current literature on counseling during pregnancy and provides recommendations based on the available evidence.
- B24** **Society for Maternal-Fetal Medicine Special Statement: Grading of Recommendations Assessment, Development, and Evaluation (GRADE) update**
 Society for Maternal-Fetal Medicine (SMFM); Mary E. Norton; Jeffrey A. Kuller; Torri D. Metz
 This Special Statement reviews the Society for Maternal-Fetal Medicine Publications Committee process for creating evidence-based practice recommendations and describes the Grading of Recommendations Assessment, Development, and Evaluation process as it is currently implemented.
- B29** **Society for Maternal-Fetal Medicine Special Statement: Checklist for initial management of amniotic fluid embolism**
 Patient Safety and Quality Committee, Society for Maternal-Fetal Medicine; C. Andrew Combs; Douglas M. Montgomery; Lorraine E. Toner; Gary A. Dildy
 The Society for Maternal-Fetal Medicine presents a checklist to guide the initial management of amniotic fluid embolisms.

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Volume 60, Issue 4, p453-594



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Dylan B. Jackson, Alexander Testa, Bryanna Fox

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Hector Najera, Ana G. Ortega-Avila

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p471-477

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Safford, Mary Cushman

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e169-e177



[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

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Claudia Robles, Laia Bruni, Amelia Acera, ... Christine Clavel, Silvia de Sanjosé, F. Xavier Bosch

Published online: December 24, 2020

p478-487

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[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ Association of Attention-Deficit/Hyperactivity Disorder With E-Cigarette Use

Guifeng Xu, Linda G. Snetselaar, Lane Strathearn, Kelli Ryckman, Faryle Nothwehr, James Torner

Published in issue: April 2021

p488-496

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☐ Access Denied: The Proliferation of American Medical Abortion Laws, 2000–2018

Sarah J. Tomlinson

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n497-503



[Full-Text HTML](#) | [PDF](#)



☐ **Association of Smoking and Smoking Cessation With Overall and Cause-Specific Mortality**

Di Zhu, Gang Zhao, Xia Wang

Published in issue: April 2021

p504-512

[Open Access](#)

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

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Tao Wang, Yun Ping Zhou, Yun Sun, Yu Xin Zheng

Published online: January 20, 2021

e179-e187



[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ **Aspirin Use and Misuse for the Primary Prevention of Cardiovascular Diseases**

Russell V. Luepker, Niki C. Oldenburg, Jeffrey R. Misialek, ... John R. Finnegan, Milton Eder, Sue Duval

Published online: February 03, 2021

p513-519

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ **Variation in Eligible Patients' Agreeing to and Receiving Lung Cancer Screening: A Cohort Study**

N. Joseph Leishman, Renda S. Wiener, Angela Fagerlin, Rodney A. Hayward, Julie Lowery, Tanner J. Caverly

Published online: December 17, 2020

p520-528

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ **Health Behaviors and Health-Related Quality of Life Among U.S. Adults Aged 18–64 Years**

Chinelo C. Orji, Somraj Ghosh, Oluchi I. Nwaobia, Kemi R. Ibrahim, Elizabeth A. Ibiloye, Carolyn M. Brown

Published online: January 06, 2021

p529-536

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

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Kao-Ping Chua, Rena M. Conti

Published online: February 17, 2021

p537-541

FREE

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☐ The Impact of Driving Time to Family Planning Facilities on Preventive Service Use in Ohio

Jacqueline Ellison, Kevin Griffith, Madalyn Thursby, David J.G. Slusky, Jacob Bor

Published online: February 17, 2021

p542-545

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ Trends in Urine Drug Testing Among Long-term Opioid Users, 2012–2018

Shaden A. Taha, Jordan R. Westra, Mukaila A. Raji, Yong F. Kuo

Published online: December 05, 2020

p546-551

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Review Articles

☐ Systematic Review of Violence Prevention Economic Evaluations, 2000–2019

Cora Peterson, Megan C. Kearns

Published online: February 16, 2021

p552-562

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Global Health Promotion and Prevention

☐ Food Insecurity and Intimate Partner Violence Among HIV-Positive Individuals in Rural Kenya

Abigail M. Hatcher, Sheri D. Weiser, Craig R. Cohen, ... Lila Sheira, Edward A. Frongillo, Elizabeth A. Bukusi

Published online: October 01, 2020

p563-568



☐ **The Association Between Health Literacy and Self-rated Health Among Residents of China Aged 15–69 Years**

Xueqiong Nie, Yinghua Li, Changning Li, Jing Wu, Li Li

Published online: February 11, 2021

p569-578

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ **Adverse Childhood Experiences and Child Development Outcomes in Ceará, Brazil: A Population-based Study**

Hermano A.L. Rocha, Christopher R. Sudfeld, Álvaro J.M. Leite, ... Jocileide S. Campos, Anamaria C. e Silva, Luciano L. Correia

Published online: November 04, 2020

p579-586

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Guide to Community Preventive Services

☐ **Engaging Community Health Workers to Increase Cancer Screening: A Community Guide Systematic Economic Review**

Sharon Attipoe-Dorcoo, Sajal K. Chattopadhyay, Jacob Verugheze, ... Susan A. Sabatino, Yinan Peng the Community Preventive Services Task Force

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e189-e197



[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

☐ **Familiarity With and Use of Insufficient Evidence Findings From the Community Preventive Services Task Force**

Anita Alston, Megan M. Cotter, Carrie N. Klabunde, Elizabeth Neilson

Published online: December 10, 2020

e199-e201



[Full-Text HTML](#) | [PDF](#)

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Jennifer A. Emond, Frances Fleming-Milici, Julia McCarthy, ... James D. Sargent, Diane Gilbert-Diamond, Michele Polacsek

Published online: December 09, 2020

p587-591

[Full-Text HTML](#) | [PDF](#)

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Published in issue: April 2021

p592-593

[PDF](#)

Frontmatter

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April 2021

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Building Bridges to Fix Health Policy

Government, Health Policy

Alfredo Morabia

American Journal of Public Health: 111(4), pp. 527–527

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GLOBAL NEWS

AJPH Global News

American Journal of Public Health: 111(4), pp. 528

FA [Full Text](#) | [PDF/EPUB](#)

Demographic Trends in US HIV Diagnoses, 2008–2017: Data Movies

Lauren C. Zalla, Jessie K. Edwards, Stephen R. Cole, Jacqueline E. Rudolph, Tiffany L. Breger, Arti Virkud, Anna Satcher Johnson and H. Irene Hall

American Journal of Public Health: 111(4), pp. 529–532

FA [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

BOOK & MEDIA

Public Health Nutrition Deserves More Attention

Chronic Disease, Nutrition/Food, Public Health Practice, Other Chronic Disease

Marion Nestle

American Journal of Public Health: 111(4), pp. 533–535

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Sounding the Alarm for White America—and Maybe the Rest of Us

Mary T. Bassett

American Journal of Public Health: 111(4), pp. 536–537

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

OPINIONS, IDEAS, & PRACTICE

EDITORIALS

The Fascist Threat

Alfredo Morabia

American Journal of Public Health: 111(4), pp. 538–539

[← Previous Issue](#)[Next Issue →](#)

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Paul C. Erwin, Daniel M. Fox, Colleen Grogan and Alfredo Morabia

American Journal of Public Health: 111(4), pp. 540–541

COVID-19’s First Year: A Bipartisan Appraisal

Health Service Delivery, Public Health Workers, Public Health Practice, Health Policy, Social Science

Georges C. Benjamin

American Journal of Public Health: 111(4), pp. 542–543

US Disparities in Life Expectancy: Not One “Population Health Iceberg” But Two

Epidemiology

Nora Ellen Groce

American Journal of Public Health: 111(4), pp. 544–545

Sugar-Sweetened Beverage Tax Preemption and the Urgency of Unified Mobilization

Government, Nutrition/Food, Community Health, Health Policy, Health Law

Jennifer Falbe, Sabrina S. Adler and Christina A. Roberto

American Journal of Public Health: 111(4), pp. 546–548

Brazil’s Efforts to Reduce Cigarette Use Illustrate Both the Potential Successes and Challenges of This Goal

Tobacco, Substance Use, Chronic Disease, Tobacco Control, Cardiovascular Disease, Smoking Cessation, Cancer

Daniel Romer

American Journal of Public Health: 111(4), pp. 549–550

Phthalates Should Be Regulated as a Class to Protect the Brains of Our Children

Chronic Disease, Child and Adolescent Health, Environment, Birth Outcomes, Other Chronic Disease, Other Child and Adolescent Health, Epidemiology, Maternal and Infant Health

Linda S. Birnbaum and Carl-Gustaf Bornehag

American Journal of Public Health: 111(4), pp. 551–552

A Political Economy Lens on Health Inequalities in the 21st Century

Occupational Health, Health Promotion, Public Health Practice, Socioeconomic Factors, Health Policy, Social Science

Heather K. Scott-Marshall

American Journal of Public Health: 111(4), pp. 553–555

Addressing Vaccine Concerns: A Hopeful Path Forward for Vaccine Confidence

Prevention, Immunization/Vaccines, Child and Adolescent Health, Health Promotion, Other Child and Adolescent Health

Jessica R. Cataldi and Sean T. O’Leary

American Journal of Public Health: 111(4), pp. 556–558

Civilian Use of Deadly Force in Self-Defense: Public Health, Stand Your Ground

Government, Injury/Emergency Care/Violence, Health Law, Epidemiology, Social Science

Scott Burris

American Journal of Public Health: 111(4), pp. 559–561

Elevating the Value of Health to Guide Decision-Making in the Long Term

Health Reform, Health Policy, Epidemiology, Global Health

Sandro Galea and Roger Vaughan

American Journal of Public Health: 111(4), pp. 562–563

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

PERSPECTIVES

The HIV Pandemic Prevention Efforts Can Inform the COVID-19 Pandemic Response in the United States

Public Health Practice

Maria A. Carrasco, Kaitlyn Atkins, Ruth Young, Joseph G. Rosen, Suzanne M. Grieb, Vincent J. Wong and Paul J. Fleming

American Journal of Public Health: 111(4), pp. 564–567

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Congress and Health Advocates Can Build a Climate Change–Adapted Health Sector

Government, Climate Change, Environment, Health Policy

Anthony D. Moulton

American Journal of Public Health: 111(4), pp. 568–570

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

An Outbreak of COVID-19 Among H-2A Temporary Agricultural Workers

Occupational Health, Socioeconomic Factors

Michael Lauzardo, Nadia Kovacevich, Anthony Dennis, Paul Myers, Joan Flocks and J. Glenn Morris Jr

American Journal of Public Health: 111(4), pp. 571–573

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Allying Public Health and Abolition: Lessons From the Campaign Against Jail Construction in Los Angeles

Urban Health, Other Race/Ethnicity, Public Health Practice, Health Professionals, Community Health, Health Policy, Race/Ethnicity

Mark-Anthony Clayton-Johnson, Shamsheer Samra and Jeremy Levenson

American Journal of Public Health: 111(4), pp. 574–576

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Preparing for SARS-CoV-2 Vaccines in US Immigrant Communities: Strategies for Allocation, Distribution, and Communication

Health Service Delivery, Immunization/Vaccines, Immigration, Community Health, Health Policy, Other Health Service Delivery

Eva H. Clark, Karla Fredricks, Laila Woc-Colburn, Maria Elena Bottazzi and Jill Weatherhead

American Journal of Public Health: 111(4), pp. 577–581

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

STUDENT CORNER

Pandemic Privilege: A Student’s Perspective

Ethics, Health Reform, Public Health Workers, Public Health Practice, Health Administration

Nicole B. Aniceto

American Journal of Public Health: 111(4), pp. 582–583

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Post–COVID-19 Public–Private Public Health Partnerships: A Student’s Perspective

Ethics, Public Health Workers, Health Education

Esther Y. Lee

American Journal of Public Health: 111(4), pp. 584–585

FA [Full Text](#) | [PDF/EPUB](#) | [Supplemental Material](#)

BUILDING BRIDGES

Overcoming Barriers to COVID-19 Vaccination in African Americans: The Need for Cultural Humility

Other Race/Ethnicity, Race/Ethnicity

Keith C. Ferdinand

American Journal of Public Health: 111(4), pp. 586–588

FA

Full Text

References

PDF/EPUB

To Work With Marginalized Populations, Empathy Is Key

Government, Health Promotion, Community Health

Howard Rodenberg

American Journal of Public Health: 111(4), pp. 588–589

FA

Full Text

PDF/EPUB

Understanding the Likely Motivations Behind Opposition to Public Health Measures in Times of Pandemic

Health Promotion, Public Health Practice, Health Professionals, Community Health, Social Science, Media

Howard Rodenberg

American Journal of Public Health: 111(4), pp. 590–591

FA

Full Text

PDF/EPUB

COVID-19 Mitigation: Individual Freedom Should Not Impede Public Health

Public Health Practice, Health Education

Keith C. Ferdinand

American Journal of Public Health: 111(4), pp. 592–593

FA

Full Text

References

PDF/EPUB

Leading the World Again: Creating a 21st-Century Public Health Agency

Government, Health Policy, Health Administration

Rebekah E. Gee and Ali S. Khan

American Journal of Public Health: 111(4), pp. 594–596

FA

Full Text

References

PDF/EPUB

Back to the Future of Public Health

Public Health Practice

Julie Louise Gerberding

American Journal of Public Health: 111(4), pp. 596–597

FA

Full Text

References

PDF/EPUB

The “10 Essential Public Health Services” Is the Common Framework Needed to Communicate About Public Health

Public Health Practice

Brian C. Castrucci

American Journal of Public Health: 111(4), pp. 598–599

FA

Full Text

References

PDF/EPUB

Revisions in the 10 Essential Services Deserve a Comprehensive Implementation Strategy

Public Health Practice

Christopher G. Atchison

American Journal of Public Health: 111(4), pp. 600–601

FA

Full Text

References

PDF/EPUB

Is Being a Health Officer Still a Noble Endeavor?

Government, Public Health Workers, Public Health Practice, Health Administration

Jeanette Kowalik

American Journal of Public Health: 111(4), pp. 602–603

FA

Full Text

PDF/EPUB

Are Health Departments Outdated?

Government, Public Health Workers, Public Health Practice, Community Health

Howard Rodenberg

American Journal of Public Health: 111(4), pp. 604–605
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Is There a Future for Primary Care?

Health Service Delivery, Health Reform, Public Health Practice, Community Health, Socioeconomic Factors

William J. Kassler

American Journal of Public Health: 111(4), pp. 606–608

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Primary Care Is Dead. Long Live Primary Care

Health Service Delivery, Prevention, Public Health Practice, Community Health, Health Policy

Michael Fine

American Journal of Public Health: 111(4), pp. 608–609

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

A Pathway to Equitable Health Care in America

Government, Health Reform, Health Policy

Stuart M. Butler

American Journal of Public Health: 111(4), pp. 610–611

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Continue Moving Forward on the Affordable Care Act Path

Government, Health Reform

Sherry Glied

American Journal of Public Health: 111(4), pp. 612–613

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

METHODS

COVID-19 Surveillance Data: A Primer for Epidemiology and Data Science

Other Statistics/Evaluation/Research, Surveillance, Statistics/Evaluation/Research, Epidemiology, Media, Global Health

Daniel Tarantola and Nabarun Dasgupta

American Journal of Public Health: 111(4), pp. 614–619

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

FIXING US HEALTH POLICY

A Data-Informed Approach to Targeting Social Determinants of Health as the Root Causes of COVID-19 Disparities

Public Health Practice, Community Health, Socioeconomic Factors, Health Policy

Renuka Tipirneni

American Journal of Public Health: 111(4), pp. 620–622

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

We Must Fix US Health and Public Health Policy

Government, Health Service Delivery, Prevention, Health Reform, Health Policy, Health Financing

Thomas R. Frieden, Rahul Rajkumar and Farzad Mostashari

American Journal of Public Health: 111(4), pp. 623–627

FA [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Health Equity and the Allocation of COVID-19 Provider Relief Funds

Health Service Delivery, Health Law, Health Care Facilities/Services, Health Financing

Colleen M. Grogan, Yu-An Lin and Michael K. Gusmano

American Journal of Public Health: 111(4), pp. 628–631

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Improving the Fate of Nursing Homes During the COVID-19 Pandemic: The Need for Policy

Health Policy, Aging

R. Tamara Konetzka
American Journal of Public Health: 111(4), pp. 632–634
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

The Pandemic and the Supply Chain: Gaps in Pharmaceutical Production and Distribution

Substance Use, Government, Health Service Delivery, Drugs, Health Policy, Access to Care

Mariana P. Socal, Joshua M. Sharfstein and Jeremy A. Greene
American Journal of Public Health: 111(4), pp. 635–639
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Insuring the Population During National Emergencies Leveraging Both Medicaid and the Marketplace

Health Service Delivery, Health Reform, Health Policy, Health Financing, Access to Care

Rebekah E. Gee, William R. Boles and Sara Rosenbaum
American Journal of Public Health: 111(4), pp. 640–642
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Politics, Pandemic, and Racial Justice Through the Lens of Medicaid

Other Race/Ethnicity, Health Policy, Race/Ethnicity

Jamila D. Michener
American Journal of Public Health: 111(4), pp. 643–646
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Different Responses to COVID-19 in Four US States: Washington, New York, Missouri, and Alabama

Government, Public Health Practice, Health Policy

Paul C. Erwin, Kenneth W. Muccheck and Ross C. Brownson
American Journal of Public Health: 111(4), pp. 647–651
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

The Role of Advance Purchasing Commitments in Government Drug Price Negotiations: Lessons From the COVID-19 Response

Government, Health Policy, Health Financing

Mariana P. Socal and Gerard F. Anderson
American Journal of Public Health: 111(4), pp. 652–657
FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

NOTES FROM THE FIELD

Establishing a SARS-CoV-2 (COVID-19) Drive-Through Collection Site: A Community-Based Participatory Research Partnership With a Federally Qualified Health Center

Urban Health, Other Race/Ethnicity, Community Health, Socioeconomic Factors, Race/Ethnicity, Health Care Facilities/Services

LaPrincess C. Brewer, Cynthia Woods, Aarti Patel, Jennifer Weis, Clarence Jones, Adeline Abbenyi, Tabettha A. Brockman, Irene G. Sia, Elie Berbari, Sarah Crane, Chyke A. Doubeni and for the FAITH! Community Steering Committee COVID-19 Task Force
American Journal of Public Health: 111(4), pp. 658–662
FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Nourishing Underserved Populations Despite Scarcer Resources: Adaptations of an Urban Safety Net Hospital During the COVID-19 Pandemic

Urban Health, Nutrition/Food

Olivia Weinstein, Kate Donovan, Ashley C. McCarthy, Latchman Hiralall, Lindsay Allen, William Koh and Caroline M. Apovian
American Journal of Public Health: 111(4), pp. 663–666
FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#)

NEXT Harm Reduction: An Online, Mail-Based Naloxone Distribution and Harm-Reduction Program

Substance Use, Infections, Prevention, Hepatitis, Public Health Practice, Injury/Emergency Care/Violence, Drugs, HIV/AIDS

Carol Yang, Jamie Favaro and Meredith C. Meacham

American Journal of Public Health: 111(4), pp. 667–671

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#)

Prevention of Unwanted Sexual Contact Among Cadets at the United States Air Force Academy: A Brief Small-Group Intervention

Prevention, Child and Adolescent Health, Community Health, Other Child and Adolescent Health, Sexual Health, Health Education

Kenneth W. Griffin, Christopher Williams, Wendy Travis and Andra Tharp

American Journal of Public Health: 111(4), pp. 672–674

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#)

RESEARCH & ANALYSIS

LAW & ETHICS

Effects of Laws Expanding Civilian Rights to Use Deadly Force in Self-Defense on Violence and Crime: A Systematic Review

Government, Gender, Injury/Emergency Care/Violence, Epidemiology, Social Science

Alexa R. Yakubovich, Michelle Degli Esposti, Brittany C. L. Lange, G.J. Melendez-Torres, Alpa Parmar, Douglas J. Wiebe and David K. Humphreys

American Journal of Public Health: 111(4), pp. e1–e14

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

POLICY

State Preemption: An Emerging Threat to Local Sugar-Sweetened Beverage Taxation

Tobacco, Substance Use, Government, Tobacco Control, Health Policy

Eric Crosbie, Jennifer L. Pomeranz, Kathrine E. Wright, Samantha Hoeper and Laura Schmidt

American Journal of Public Health: 111(4), pp. 677–686

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Neurotoxicity of Ortho-Phthalates: Recommendations for Critical Policy Reforms to Protect Brain Development in Children

Child and Adolescent Health, Environment, Health Policy

Stephanie M. Engel, Heather B. Patisaul, Charlotte Brody, Russ Hauser, Ami R. Zota, Deborah H. Bennet, Maureen Swanson and Robin M. Whyatt

American Journal of Public Health: 111(4), pp. 687–695

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

SURVEILLANCE

Projected All-Cause Deaths Attributable to COVID-19–Related Unemployment in the United States

Mortality, Occupational Health, Other Race/Ethnicity, Statistics/Evaluation/Research, Gender, Socioeconomic Factors, Race/Ethnicity

Ellicott C. Matthay, Kate A. Duchowny, Alicia R. Riley and Sandro Galea

American Journal of Public Health: 111(4), pp. 696–699

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Seroprevalence of SARS-CoV-2 Antibodies in Rhode Island From a Statewide Random Sample

Housing and Health, Environment, Socioeconomic Factors, Race/Ethnicity, Epidemiology, African Americans/Blacks

Philip A. Chan, Ewa King, Yizhen Xu, William Goedel, Leanne Lasher, Matt Vargas, Ken Brindamour, Richard Huard, Ailis Clyne, James McDonald, Utpala Bandy, David Yokum, Michelle L. Rogers, Laura Chambers, Siena C. Napoleon, Nicole Alexander-Scott and Joseph W. Hogan

American Journal of Public Health: 111(4), pp. 700–703

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Analysis of Excess Deaths During the COVID-19 Pandemic in the State of Florida

Mortality, Statistics/Evaluation/Research, Health Policy, Epidemiology

Moosa Tatar, Amir Habibdoust and Fernando A. Wilson

American Journal of Public Health: 111(4), pp. 704–707
FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

OPEN-THEMED RESEARCH

US State Disparities in Life Expectancy, Disability-Free Life Expectancy, and Disabled Life Expectancy Among Adults Aged 25 to 89 Years

Disability, Geography, Aging

Mateo P. Farina, Anna Zajacova, Jennifer Karas Montez and Mark D. Hayward

American Journal of Public Health: 111(4), pp. 708–717

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Wage-Setting Policies, Employment, and Food Insecurity: A Multilevel Analysis of 492 078 People in 139 Countries

Nutrition/Food, Socioeconomic Factors, Social Science

Aaron Reeves, Rachel Loopstra and Valerie Tarasuk

American Journal of Public Health: 111(4), pp. 718–725

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Gender Identity Disparities in Criminal Victimization: National Crime Victimization Survey, 2017–2018

Lesbian/Gay/Bisexual/Transgender Persons, Injury/Emergency Care/Violence

Andrew R. Flores, Ilan H. Meyer, Lynn Langton and Jody L. Herman

American Journal of Public Health: 111(4), pp. 726–729

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Trends in Prevalence of Cigarette Smoking in Brazil: 2006–2019

Tobacco, Substance Use, Health Promotion

Emanuella Gomes Maia, Sheila Rizzato Stopa, Roberta de Oliveira Santos and Rafael Moreira Claro

American Journal of Public Health: 111(4), pp. 730–738

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Crowdfunding Campaigns and COVID-19 Misinformation

Media

Jeremy Snyder, Marco Zenone and Timothy Caulfield

American Journal of Public Health: 111(4), pp. 739–742

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

Health Care Coverage and Preexposure Prophylaxis (PrEP) Use Among Men Who Have Sex With Men Living in 22 US Cities With vs Without Medicaid Expansion, 2017

Health Service Delivery, Prevention, Lesbian/Gay/Bisexual/Transgender Persons, HIV/AIDS, Access to Care

Amy R. Baugher, Teresa Finlayson, Rashunda Lewis, Catlainn Sionean, Ari Whiteman, Cyprian Wejnert and for the NHBS Study Group

American Journal of Public Health: 111(4), pp. 743–751

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF/EPUB](#) | [Supplemental Material](#)

BACKMATTER

LETTERS AND RESPONSES

Health Care Waste and Climate Change

Health Service Delivery, Climate Change, Environment, Health Care Facilities/Services

Howard Frumkin

American Journal of Public Health: 111(4), pp. e15–e15

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Teutsch et al. Respond

Health Service Delivery, Climate Change, Environment, Health Care Facilities/Services

Steven Teutsch, J. Mac McCullough and Sanne Magnan

American Journal of Public Health: 111(4), pp. e16–e16

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

The Health Impacts of COVID-19–Related Racial Discrimination of Asian Americans Extend Into the Workplace

Occupational Health, Race/Ethnicity, Asians

Aurora B. Le

American Journal of Public Health: 111(4), pp. e17–e18

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Sexual Orientation Change Efforts, Adverse Childhood Experiences, and Suicidality

Lesbian/Gay/Bisexual/Transgender Persons, Health Policy, Health Law, Social Science

Christopher H. Rosik, D. Paul Sullins, Walter R. Schumm and Andre Van Mol

American Journal of Public Health: 111(4), pp. e19–e20

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Blosnich et al. Respond

Lesbian/Gay/Bisexual/Transgender Persons, Health Policy

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American Journal of Public Health: 111(4), pp. e20–e21

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Measurement Error in Body Mass Index May Affect Trajectory Modeling

Chronic Disease, Child and Adolescent Health, Other Chronic Disease, Other Child and Adolescent Health

Jacqueline Pollack and Ting-Yuan David Cheng

American Journal of Public Health: 111(4), pp. e22–e23

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

Wang et al. Respond

Chronic Disease, Child and Adolescent Health, Cardiovascular Disease, Other Chronic Disease, Other Child and Adolescent Health

Xijie Wang, Bin Dong, Zhiqiang Wang and Jun Ma

American Journal of Public Health: 111(4), pp. e23–e23

FA [Full Text](#) | [References](#) | [PDF/EPUB](#)

OTHER DEPARTMENTS

Marketplace

American Journal of Public Health: 111(4), pp. 752–752

FA [Full Text](#) | [PDF/EPUB](#)

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Contents

Annals of Internal Medicine®

April 2021 • Volume 174 • Number 4 • Pages 437-584



Original Research

Impact of Population Growth and Aging on Estimates of Excess U.S. Deaths During the COVID-19 Pandemic, March to August 2020 437

M.S. Shiels, J.S. Almeida, M. García-Closas, P.S. Albert, N.D. Freedman, and A. Berrington de González
Estimates of excess mortality during the COVID-19 pandemic provide an important metric for quantifying deaths due to COVID-19 as well as those indirectly caused by it. This study updates recent estimates for excess mortality by accounting for the aging of the population.

Population Mortality and Laws Encouraging Influenza Vaccination for Hospital Workers 444

M. Carrera, E.C. Lawler, and C. White
During the past 25 years, several states have passed laws that encourage hospital workers to be vaccinated against influenza. This article examines whether those laws affect mortality from pneumonia and influenza in the general population.

Dynamics and Correlation Among Viral Positivity, Seroconversion, and Disease Severity in COVID-19. A Retrospective Study 453

Y. Fu, Y. Li, E. Guo, L. He, J. Liu, B. Yang, F. Li, Z. Wang, Y. Li, R. Xiao, C. Liu, Y. Huang, X. Wu, F. Lu, L. You, T. Qin, C. Wang, K. Li, P. Wu, D. Ma, C. Sun, and G. Chen
Knowledge is limited about the patterns of viral persistence and host response in patients with COVID-19. This large study from Wuhan, China, reports longitudinal data on viral positivity as well as the patterns of antibody and inflammatory response during the course of COVID-19.

The Effect of Flat Flexible Versus Stable Supportive Shoes on Knee Osteoarthritis Symptoms. A Randomized Trial 462

K.L. Paterson, K.L. Bennell, P.K. Campbell, B.R. Metcalf, T.V. Wrigley, J. Kasza, and R.S. Hinman
Experts recommend stable supportive shoes for persons with knee osteoarthritis, but some evidence suggests that flat flexible shoes may reduce knee joint loading and

symptoms. This randomized trial compared the effectiveness of flat flexible versus stable supportive shoes in improving symptoms of knee osteoarthritis.

Summary for Patients I-16

College Campuses and COVID-19 Mitigation: Clinical and Economic Value 472

E. Losina, V. Leifer, L. Millham, C. Panella, E.P. Hyle, A.M. Mohareb, A.M. Neilan, A.L. Ciaranello, P. Kazemian, and K.A. Freedberg
Many colleges and universities in the United States are attempting to continue undergraduate onsite learning and residential living during the COVID-19 pandemic. This modeling study evaluated the outcomes, cost, and cost-effectiveness of mitigation strategies, such as social distancing, mask wearing, and laboratory testing.

Comparison of Knowledge and Information-Seeking Behavior After General COVID-19 Public Health Messages and Messages Tailored for Black and Latinx Communities. A Randomized Controlled Trial 484

M. Alsan, F.C. Stanford, A. Banerjee, E. Breza, A.G. Chandrasekhar, S. Eichmeyer, P. Goldsmith-Pinkham, L. Ogbu-Nwobodo, B.A. Olken, C. Torres, A. Sankar, P. Vautrey, and E. Duflo
This randomized trial examined whether physician-delivered prevention messages affect knowledge and information-seeking behavior among Black and Latinx persons and if this differs according to the race or ethnicity of the physician and the tailored content.

Clinician Perspectives on Caring for Dying Patients During the Pandemic. A Mixed-Methods Study 493

D.J. Cook, A. Takaoka, N. Hoad, M. Swinton, F.J. Clarke, J.C. Rudkowski, D. Heels-Ansdell, A. Boyle, F. Toledo, B.B. Dennis, K. Fiest, and M. Vanstone
The COVID-19 pandemic is changing the way end-of-life care is provided to patients who are in the hospital. This study used semistructured interviews with nurses, physicians, and other hospital caregivers to understand how they are being affected by the changes.

Continued on page I-10

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INTERNATIONAL EDITION



Reviews

The Sensitivity and Costs of Testing for SARS-CoV-2 Infection With Saliva Versus Nasopharyngeal Swabs. A Systematic Review and Meta-analysis 501

M.L. Bastos, S. Perlman-Arrow, D. Menzies, and J.R. Campbell

This systematic review summarizes evidence comparing the sensitivities for detection of SARS-CoV-2 infection between nasopharyngeal swabs and saliva samples and estimates the incremental cost per additional SARS-CoV-2 infection detected with nasopharyngeal swabs.

Masks and Face Coverings for the Lay Public. A Narrative Update 511

T. Czypionka, T. Greenhalgh, D. Bassler, and M.B. Bryant

This review summarizes evidence about mask wearing by the public, discusses studies of the physical properties of mask materials and designs and physiologic and psychological effects of mask wearing, and addresses societal debate about balancing mask mandates and personal freedom.



Beyond the Guidelines

Transcatheter Aortic Valve Replacement Versus Surgical Aortic Valve Replacement: How Would You Manage This Patient With Severe Aortic Stenosis? Grand Rounds Discussion From Beth Israel Deaconess Medical Center 521

E.E. Reynolds, S.J. Baron, T. Kaneko, and H. Libman

In this article, a cardiologist and a cardiothoracic surgeon debate the risks and benefits of transcatheter aortic valve replacement versus surgical aortic valve replacement for a patient with severe symptomatic aortic stenosis who is at low risk for surgical death.

CME/MOC activity available at [Annals.org](https://www.annals.org)



Position Paper

A Comprehensive Policy Framework to Understand and Address Disparities and Discrimination in Health and Health Care: A Policy Paper From the American College of Physicians 529

J. Serchen, R. Doherty, O. Atiq, and D. Hilden

Racial and ethnic minorities in the United States experience disparities in health and health care due to interacting factors, including racism and discrimination, social drivers of health, health care access and quality, individual behavior, and biology. This ACP policy paper proposes a framework to confront the elements of U.S. society that contribute to poorer health outcomes.



History of Medicine

Public Health Interventions, Epidemic Growth, and Regional Variation of the 1918 Influenza Pandemic Outbreak in a Swiss Canton and Its Greater Regions 533

K. Staub, P. Jüni, M. Urner, K.L. Matthes, C. Leuch, G. Gemperle, N. Bender, S.I. Fabrikant, M. Puhan, F. Rühli, O. Gruebner, and J. Floris

This article uses detailed public health records from the 1918 influenza pandemic and data collected during the current COVID-19 pandemic to compare the public health responses to these events in Bern canton, Switzerland.



Precision Medicine

Cases in Precision Medicine: Genetic Testing to Predict Future Risk for Disease in a Healthy Patient 540

H. Milo Rasouly, V. Aggarwal, L. Bier, D.B. Goldstein, and A.G. Gharavi

Healthy patients increasingly inquire about genetic testing for prediction of certain diseases, but despite demonstrated utility for diagnosis in some settings, such testing still has many limitations for predicting disease. This article uses a hypothetical case to review key considerations for predictive genetic testing.



Ideas and Opinions

Building Trust to Promote a More Equitable Health Care System 548

R.J. Baron and D. Khullar

This commentary provides strategies to promote trust between physicians and patients through workforce changes, prevention of algorithmic bias, practice and health system changes, and public health approaches.

The Invisible People Behind Our Masks 550

B.S. Barnett, A.D. Carlo, A. Mezzadri, and K.N. Ruwanpura

This article discusses how the high demand for personal protective equipment during the COVID-19 pandemic can help draw attention to society's deep-seated reliance on forced labor.

A Public Health COVID-19 Vaccination Strategy to Maximize the Health Gains for Every Single Vaccine Dose 552

R.V. Barnabas and A. Wald

This commentary discusses the pros and cons of single-dose COVID-19 vaccination versus the 2-dose strategy.

Continued on page I-11



Editorials

Messages to Increase COVID-19 Knowledge in Communities of Color: What Matters Most? 554

L.A. Cooper and C.M. Stoney

Alsan and colleagues explored the relationship between aspects of COVID-19 messaging and Black and Latinx participants' knowledge and information-seeking behavior. The editorialists discuss strategies to improve the effectiveness of public health messages.

The Dangers of Ignoring History Lessons During a Pandemic 556

G. Mooney

Staub and colleagues provided a historical analysis of the response to the 1918 influenza pandemic in Bern canton, Switzerland. The editorialist discusses their observations and the dangers of eschewing the lessons that history provides.

U.S. COVID-19 Vaccination Challenges Go Beyond Supply 558

T.J. Bollyky

Three articles in this issue concluded that using initial supplies of COVID-19 vaccines to provide a single dose to as many people as possible may have more benefit than reserving supplies to administer a 2-dose regimen to fewer people. The editorialist discusses factors that may impede timely vaccination of a large proportion of the U.S. population and circumstances where ideas for stretching vaccine supplies may have the greatest utility.



On Being a Doctor

In Isolation but Not Alone 560

E.M. Hankollari

I position my phone on his bedside table, propped up by the incentive spirometer, so they can see each other.

The Uncomfortable Look 562

J. Dumfeh

As a Black man, being a physician doesn't make me immune from this.



On Being a Patient

Wake-up Call 563

R.B. Weinberg

I wished I could experience the same constellation of events that had propelled those few exceptional patients into a new way of life.



Letters

Observation: Case Report

Nivolumab Treatment of Burkitt Lymphoma: A Case Report 567

Observations: Brief Research Reports

Speed Versus Efficacy: Quantifying Potential Trade-offs in COVID-19 Vaccine Deployment 568

Alternative Dose Allocation Strategies to Increase Benefits From Constrained COVID-19 Vaccine Supply 570

COVID-19 Mortality Risk in Down Syndrome: Results From a Cohort Study Of 8 Million Adults 572

Sixty-Day Outcomes Among Patients Hospitalized With COVID-19 576

Correspondence

Cloth Masks May Prevent Transmission of COVID-19 579

Incidence and Severity of COVID-19 in HIV-Positive Persons Receiving Antiretroviral Therapy 580

The Sensitivity and Costs of Testing for SARS-CoV-2 Infection With Saliva Versus Nasopharyngeal Swabs 582

Acute Cardiovascular Events Associated With Influenza in Hospitalized Adults 582

Corrections 584

Update Alerts (available at [Annals.org](https://annals.org))



Ad Libitum

Illumination 561

R. Bronson

Landmarks 565

T.C. Hunt

Stay Safe 566

M.M. Kittleson



In the Clinic

Pulmonary Hypertension ITC49

CME/MOC activity available at [Annals.org](https://annals.org)



ACP Journal Club

The Best New Evidence for Patient Care

JC37

Continued on page I-12



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for Hospitalists



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Annals.org/hospitalists

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A.Y.Y. Lee

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Dr. Bob Centor's podcast discusses timely and influential *Annals* articles with a guest expert. Annals.org/oncall

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Syncope: Who Is at Risk for Poor Outcomes?

CME/MOC activities available at Annals.org

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Original graphic narratives and animations: care beyond words. Annals.org/graphicmedicine

Dr. Mom: Annual Review

G.E. Farris

Should I PrEP? Barriers to HIV-Related Preventive Care Faced by Black MSM

A. Kuhn and T. Maatman



Cover photograph by Caitlyn Moss

Continuing Medical Education I-6

Subscription and Business Information I-14

Classified Services Begin on I-22

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APRIL 2021 Vol. 53 No. 4

—EDITORIAL—

[Quality Before Quantity \(/familymedicine/2021/april/editorial-apr21/\)](/familymedicine/2021/april/editorial-apr21/)

Michael K. Magill, MD | John Saultz, MD

—SPECIAL ARTICLES—

[Matching 25% of Medical Students in Family Medicine by 2030: Realistic or Beyond Our Reach? \(/familymedicine/2021/april/david-2020-0447/\)](/familymedicine/2021/april/david-2020-0447/)

Alan K. David, MD

—ORIGINAL ARTICLES—

[Financial Considerations Associated With a Fourth Year of Residency Training in Family Medicine: Findings From the Length of Training Pilot Study \(/familymedicine/2021/april/carney-2020-0326/\)](/familymedicine/2021/april/carney-2020-0326/)

Patricia A. Carney, PhD | Annie Ericson, MA | Colleen M. Conry, MD | James C. Martin, MD | Perry A. Pugno, MD, MPH, CPE | Deborah S. Clements, MD | Samuel M. Jones, MD | M. Patrice Eiff, MD 

Family Medicine Supervisors' Preferences for Improving Their Teaching Skills in Senior Care (/familymedicine/2021/april/giguere-2020-0275/)

Anik M.C. Giguere, PhD | Paule Lebel, MD, MSc | Michèle Morin, MD | Valérie Carnovale, PhD | Marie Meudec, PhD | Charo Rodríguez, MD, PhD | France Légaré, MD, PhD | Louise Champagne, MD | Bernard Martineau, MD, MA, PhD, DPES | Phillippe Karazivan, MD, MA (Ed) | Pierre J. Durand, MD

Impact of Sleep on Medical Residents' Emotions: A Cross-Sectional Study Using a Wearable Device (/familymedicine/2021/april/antoun-2020-0375/)

Sarah El Baba, MD | Jumana Antoun, MD, MS | Andrea Mladenovic, MD | Hani Tamim, PhD | Jihane Naous, MD

—BRIEF REPORTS—

Changes in Family Medicine Clerkship Teaching Due to the COVID-19 Pandemic (/familymedicine/2021/april/everard-2020-0418/)

Kelly M. Everard, PhD | Kimberly Zoberi Schiel, MD

Outcomes of a Scholarly Activity Curriculum for Family Medicine Residents (/familymedicine/2021/april/ravi-2020-0442/)

Tharani Ravi, MD | Inez Cruz, PhD, LMSW | Fozia Ali, MD | Sandra K. Burge, PhD | Robert Wood | Jasmine Rodriguez, MPH

Impact of Interprofessional Care Conferences Across Primary Care and Mental Health Organizations on Family Medicine Resident Learning (/familymedicine/2021/april/hager-2020-0407/)

Keri D. Hager, PharmD | Jen Nelson Albee, MSW, LICSW | Carolyn O'Donnell, PharmD | Sarah Jackson | Amelia King, RN, BSN, PHN | Danielle A. MacDonald, PharmD, BCACP | Cynthia Nash, RN, BSN | Ann Yapel, PharmD, BCACP | Mark E. Schneiderhan, PharmD, BCPP | Katherine Dean, MBA

Effects of Implementing an Interactive Substance Use Disorders Workshop on a Family Medicine Clerkship (/familymedicine/2021/april/cantone-2020-0244/)

Rebecca E. Cantone, MD | Nonda S. Hanneman, BA | Matthew G. Chan, MD | Rebecca Rdesinski, MSW, MPH

Engaging Family Medicine Residents in a Structured Patient Panel Reassignment Process (/familymedicine/2021/april/rollins-2020-0508/)

Rebekah Compton, DNP, RN, FNP-BC | Amanda Sebring, BA | Sarah Dalrymple, MD | Lisa K. Rollins, PhD

—NARRATIVE ESSAYS—

Love Anyway (/familymedicine/2021/april/watts-2020-0116/)

Kari Beth Watts, DO

Parents Do These Things (/familymedicine/2021/april/rosenberg-2020-0175/)

Tziporah Rosenberg, PhD

A Short Glimpse Was Enough (/familymedicine/2021/april/jetpuri-2020-0221/)

Zaiba Jetpuri, DO, MBA



The Fever (/familymedicine/2021/april/valeras-2020-0453/)

Aimee Burke Valeras, PhD, LICSW

—BOOK AND MEDIA REVIEWS—

COVID-19 and World Order: The Future of Conflict, Competition, and Cooperation
(/familymedicine/2021/april/br-apr21-sierpina/)

Victor S. Sierpina, MD

Bloodletting and Germs: A Doctor in Nineteenth Century Rural New York
(/familymedicine/2021/april/br-apr21-strahan/)

Esther Strahan, PhD

So Young, So Sad, So Listen: A Parents' Guide to Depression in Children and Young People,
3rd Edition (/familymedicine/2021/april/br-apr21-sarkar/)

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Health Affairs

April 2021 Vol. 40 No. 4 healthaffairs.org

Access, ACA, Spending & More

FROM THE EDITOR-IN-CHIEF

- 551 **Access, ACA, Spending, And More**
Alan R. Weil

RESEARCH ARTICLE COSTS & SPENDING

- 552 **Medicaid Coverage 'Cliff' Increases Expenses And Decreases Care For Near-Poor Medicare Beneficiaries**
Eric T. Roberts, Alexandra Glynn, Noelle Cornelio, Julie M. Donohue, Walid F. Gellad, J. Michael McWilliams, and Lindsay M. Sabik

RESEARCH ARTICLE OPIOID USE DISORDER

- 562 **Medicaid Expansion Increased Medications For Opioid Use Disorder Among Adults Referred By Criminal Justice Agencies**
Utsha G. Khatri, Benjamin A. Howell, and Tyler N. A. Winkelman

RESEARCH ARTICLE MATERNAL HEALTH

- 571 **Post-ACA, More Than One-Third Of Women With Prenatal Medicaid Remained Uninsured Before Or After Pregnancy**
Emily M. Johnston, Stacey McMorrow, Clara Alvarez Caraveo, and Lisa Dubay

RESEARCH ARTICLE WOMEN'S HEALTH

- 579 **ACA Mandate Led To Substantial Increase In Contraceptive Use Among Women Enrolled In High-Deductible Health Plans**
Nora V. Becker, Nancy L. Keating, and Lydia E. Pace

RESEARCH ARTICLE CONSIDERING HEALTH SPENDING

- 587 **Urgent Care Centers Deter Some Emergency Department Visits But, On Net, Increase Spending**
Bill Wang, Ateev Mehrotra, and Ari B. Friedman

RESEARCH ARTICLE TELEHEALTH

- 596 **Direct-To-Consumer Telemedicine Visits For Acute Respiratory Infections Linked To More Downstream Visits**
Kathleen Yinran Li, Ziwei Zhu, Sophia Ng, and Chad Ellimoottil

RESEARCH ARTICLE PHARMACEUTICALS & MEDICAL TECHNOLOGY

- 603 **Medical Device Firm Payments To Physicians Exceed What Drug Companies Pay Physicians, Target Surgical Specialists**
Alon Bergman, Matthew Grennan, and Ashley Swanson

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RESEARCH ARTICLE END-OF-LIFE CARE

- 613 **Advance Care Planning For Medicare Beneficiaries Increased Substantially, But Prevalence Remained Low**
Makayla K. Palmer, Mireille Jacobson, and Susan Enguidanos

RESEARCH ARTICLE PATIENTS & CONSUMERS

- 622 **Emergency Physicians Recover A Higher Share Of Charges From Out-Of-Network Care Than From In-Network Care**
Adam I. Biener, Benjamin L. Chartock, Christopher Garmon, and Erin Trish

RESEARCH ARTICLE HOSPITALS

- 629 **Analysis Suggests Government And Nonprofit Hospitals' Charity Care Is Not Aligned With Their Favorable Tax Treatment**
Ge Bai, Hossein Zare, Matthew D. Eisenberg, Daniel Polsky, and Gerard F. Anderson

POLICY INSIGHT DETERMINANTS OF HEALTH

- 637 **Adjusting Quality Measures For Social Risk Factors Can Promote Equity In Health Care**
David R. Nerenz, J. Matthew Austin, Daniel Deutscher, Karen E. Joynt Maddox, Eugene J. Nuccio, Christie Teigland, Eric Weinhandl, and Laurent G. Glance

RESEARCH ARTICLE DETERMINANTS OF HEALTH

- 645 **Social Determinants Matter For Hospital Readmission Policy: Insights From New York City**
Matthew C. Baker, Philip M. Alberti, Tsu-Yu Tsao, Kyle Fluegge, Renata E. Howland, and Merle Haberman



COVID-19: Adjusted mortality rates from COVID-19 in nursing homes fell from 20.9 percent in early April 2020 to 11.2 percent by November. Improved clinical management, better personal protective equipment for staff, and genetic changes in the virus could explain why. See p. 655.

RESEARCH ARTICLE COVID-19

- 655 **COVID-19 Mortality Rates Among Nursing Home Residents Declined From March To November 2020**
Cyrus M. Kosar, Elizabeth M. White, Richard A. Feifer, Carolyn Blackman, Stefan Gravenstein, Orestis A. Panagiotou, Kevin McConeghy, and Vincent Mor

RESEARCH ARTICLE PUBLIC HEALTH

- 664 **US Public Health Neglected: Flat Or Declining Spending Left States Ill Equipped To Respond To COVID-19**
Y. Natalia Alfonso, Jonathon P. Leider, Beth Resnick, J. Mac McCullough, and David Bishai

NARRATIVE MATTERS HOSPITALS

- 672 **Charity Care Needs To Be Better Than This**
David E. Velasquez

GRANTWATCH MATERNAL HEALTH

- 675 **Maternal Health: What Funders Have Been Supporting**
Lee L. Prina

BOOK REVIEWS

- 677 **Opening Doors For People With Disability**
Lisa I. Iezzoni
- 678 **Law, History, And Epidemics**
Sarah B. Dine
- 679 **The Price Of Life**
Britni Wilcher

LETTERS

- 680 **Universal Health Coverage: Evidence From Aging Cohorts**
Grace Venechuk
- 680 **Comparing Results Of Surveys With Different Reference Periods**
Claudia Vredeveld
- 680 **Cognitive Impairment Detection**
Ashley O. Morris
- 681 **How Some Countries Control Spending**
Pricivel M. Carrera
- 681 **How Some Countries Control Spending: The Authors Reply**
Michael K. Gusmano, Miriam Laugesen, and Victor G. Rodwin

682 **Errata**

683 **Acknowledgments**

687 **Instructions To Authors**

Illustration by Brett Ryder



Narrative Matters After a costly hospital stay, an uninsured patient's family rushes to navigate an unclear system of charity care.

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Volume 56 | Number 2 | April 2021

MEDICARE

**The effects of coding intensity in Medicare Advantage on plan benefits and finances
(/node/676446)**

Paul D. Jacobs Ph.D., Richard Kronick

**Identifying outlier patterns of inconsistent ambulance billing in Medicare
(/node/676455)**

Prachi Sanghavi PhD, Anupam B. Jena M.D., Ph.D., Joseph P. Newhouse Ph.D., Alan M. Zaslavsky Ph.D.

The effect of direct cognitive assessment in the Medicare annual wellness visit on dementia diagnosis rates (/node/676499)

Kimberly E. Lind PhD, MPH, Kerry Hildreth MD, Richard Lindrooth Ph.D., Elaine Morrato DrPH, Lori A. Crane PhD, MPH, Marcelo Coca Perrailon PhD

MATERNAL AND CHILD HEALTH

Variability in cesarean delivery rates among individual labor and delivery nurses compared to physicians at three attribution time points (/node/676484)

Joyce K. Edmonds PhD, MPH, RN, Amber Weiseth DNP, MSN, RN-OB, Brandon J. Neal MPH, Samuel R. Woodbury BA, Kate Miller PhD, MPH, Vivienne Souter MD, Neel T. Shah MD, MPP

Accounting for uncertainty in policy decision making: Improving access to pediatric dental care (/node/676490)

Stewart Curry PhD, Nicoleta Serban Ph.D.

Measuring complications of serious pediatric emergencies using ICD-10 (/node/676468)

Kenneth A. Michelson MD, MPH, Arianna H. Dart BS, Richard G. Bachur MD, Prashant Mahajan MD, MPH, MBA, Jonathan A. Finkelstein

COVERAGE

Changes in health insurance coverage, access to care, and health services utilization by sexual minority status in the United States, 2013-2018 (/node/676458)

Gilbert Gonzales M.H.A., Carrie Henning-Smith PhD, MPH, MSW, Jesse M. Ehrenfeld MD, MPH

Health insurance coverage and self-employment (/node/676459)

Seth A. Berkowitz M.D., M.P.H., Rachel Gold, Marisa Elena Domino Ph.D., Sanjay Basu M.D., Ph.D.

Insurance expansions and adolescent use of substance use disorder treatment (/node/676470)

Sarah Hamersma PhD, Johanna Catherine Maclean

OPIOIDS

The importance of data source in prescription drug monitoring program research (/node/676463)

Jill R. Horwitz, Corey Davis JD, MSPH, Lynn McClelland JD, MPH, Rebecca Fordon JD, MLIS, Ellen Meara

The association between the supply of select nonpharmacologic providers for pain and use of nonpharmacologic pain management services and initial opioid prescribing patterns for Medicare beneficiaries with persistent musculoskeletal pain (/node/676451)

Ruchir N. Karmali PhD, Asheley C. Skinner PhD, Justin G. Trogon, Morris Weinberger, Steven Z. George PT, PhD, FAPTA, Kristen Hassmiller Lich PhD

Opioid use in older adults and Medicare Part D (/node/676474)

Adrienne H. Sabety PhD, Tisamarie B. Sherry MD, PhD, Nicole Maestas MPP, PhD

The associations of medical marijuana policies with opioid-related health care utilization (/node/676454)

Jayani Jayawardhana PhD, Jose M. Fernandez PhD

The complex relationships among race/ethnicity, social determinants, and opioid utilization (/node/676493)

Asako S. Moriya PhD, Lanlan Xu PhD

METHODS CORNER

The impact of sampling patients on measuring physician patient-sharing networks using Medicare data (/node/676476)

A. James O'Malley Ph.D., Jukka-Pekka Onnela PhD, Nancy L. Keating M.D., M.P.H., Bruce E. Landon M.D., M.B.A., M.S.

Measuring physician practice site characteristics: A comparison of data from SK&A and a practice site survey (/node/676488)

Kristin A. Maurer MPH, Laura Blue PhD, Sean Orzol M.P.H., Ph.D., Nikkilyn Morrison Hensleigh MA, Deborah Peikes PhD



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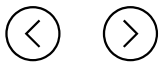
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2021

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April 6; 325 (13): 1239-1356



April 6, 2021, Vol 325, No. 13, Pages 1239-1356

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JAMA. 2021;325(13):e2017869. doi:10.1001/jama.2020.17869



Audio Editors' Summary: Low- vs High-Intensity Walking for PAD, Celecoxib for Stage III CRC, N95 Re-processing Review, and more

Original Investigation

Effect of Low-Intensity vs High-Intensity Home-Based Walking Exercise on Walk Distance in Patients With Peripheral Artery Disease: The LITE Randomized Clinical Trial

Mary M. McDermott, MD; Bonnie Spring, PhD; Lu Tian, ScD; et al.

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

This randomized trial compares the effects of comfortable low-intensity home-based walking exercise vs high-intensity exercise sufficient to elicit ischemic symptoms vs nonexercise control on 6-minute walk distance among patients with peripheral arterial disease (PAD).

Effect of Celecoxib vs Placebo Added to Standard Adjuvant Therapy on Disease-Free Survival Among Patients With Stage III Colon Cancer: The CALGB/SWOG 80702 (Alliance) Randomized Clinical Trial

Jeffrey A. Meyerhardt, MD, MPH; Qian Shi, PhD; Charles S. Fuchs, MD, MPH; et al.

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

This randomized trial compares the effect of adding celecoxib to standard adjuvant chemotherapy in improving disease-free survival among patients treated for stage III colon cancer.

Editorial

Celecoxib for Stage III Colon Cancer

David J. Kerr, MD, DSc; Sarah Chamberlain, BMedSci, MBChB; Rachel S. Kerr, MBChB, PhD

Antimicrobial Use in a Cohort of US Nursing Homes, 2017

Nicola D. Thompson, MS, PhD; Nimalie D. Stone, MD; Cedric J. Brown, MS; et al.

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

This cross-sectional survey assessed the risks of antimicrobial use among 15 276 nursing home residents across 161 facilities.

Editorial

Opportunities to Improve Antimicrobial Use in US Nursing Homes

Christopher J. Crnich, MD, PhD; Preeti Malani, MD, MSJ

Research Letter

Emergence of a Novel SARS-CoV-2 Variant in Southern California

Wenjuan Zhang, PhD; Brian D. Davis, BSc; Stephanie S. Chen, BSc; et al.

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



JAMA. 2021;325(13):1324-1326. doi:10.1001/jama.2021.1612

This research describes findings of sequencing and phylogenetic analyses of SARS-CoV-2 isolates from symptomatic patients cared for at Cedar-Sinai Medical Center in November-December 2020 during a regional surge in cases and hospitalizations.



Conversations with Dr Bauchner: Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

Editorial

SARS-CoV-2 Viral Variants—Tackling a Moving Target

John R. Mascola, MD; Barney S. Graham, MD, PhD; Anthony S. Fauci, MD



Conversations with Dr Bauchner: Coronavirus Update With CDC Director Rochelle Walensky - February 17, 2021



Conversations with Dr Bauchner: Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

Changes in Shooting Incidence in Philadelphia, Pennsylvania, Between March and November 2020

Jessica H. Beard, MD, MPH; Sara F. Jacoby, PhD, MPH; Zoë Maher, MD; et al.

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



JAMA. 2021;325(13):1327-1328. doi:10.1001/jama.2021.1534

This study uses police department registry data to describe trends in incidence of firearm shootings and deaths in January-November 2020, before and after the closure of nonessential businesses in March, the killing of George Floyd in May, and the partial lifting of containment policies in June.

Trends in Age at Natural Menopause and Reproductive Life Span Among US Women, 1959-2018

Duke Appiah, PhD, MPH; Chike C. Nwabuo, MD, MPH; Imo A. Ebong, MD, MS; et al.

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

JAMA. 2021;325(13):1328-1330. doi:10.1001/jama.2021.0278

This national survey study uses the National Health and Nutrition Examination Survey (NHANES) to describe trends in age at natural menopause, age at menarche, and reproductive life span, and variables associated with shorter and longer spans, among US women between 1959-1962 and 2015-2018.

Viewpoint

Health Policy

Reinventing the Center for Medicare and Medicaid Innovation

Donald M. Berwick, MD; Rick Gilfillan, MD

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

JAMA. 2021;325(13):1247-1248. doi:10.1001/jama.2021.3203

This Viewpoint makes 6 recommendations for how the Center for Medicare and Medicaid Innovation, as it enters its second decade, can better fulfill its mission of testing health care payment and service delivery models and scale them up to a national level to reduce health care expenditures and improve quality and safety.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

COVID-19: Beyond Tomorrow

The Potential Future of the COVID-19 Pandemic: Will SARS-CoV-2 Become a Recurrent Seasonal Infection?

Christopher J. L. Murray, MD; Peter Piot, MD

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

  JAMA. 2021;325(13):1249-1250. doi:10.1001/jama.2021.2828

This Viewpoint discusses the prospect that COVID-19 could become a recurrent seasonal disease like influenza and proposes strategies to mitigate the consequences for communities and health systems, including changes in surveillance, medical and public health response, and socioeconomic programs.



Conversations with Dr Bauchner: Will COVID-19 Become a Recurrent Seasonal Disease?

Approaches for Optimal Use of Different COVID-19 Vaccines: Issues of Viral Variants and Vaccine Efficacy

John P. Moore, PhD

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

 CME   JAMA. 2021;325(13):1251-1252. doi:10.1001/jama.2021.3465

This Viewpoint proposes ways to maximize vaccine efficacy and allocation given the rise of coronavirus variants and authorization of a Johnson & Johnson vaccine, including reserving the latter for younger healthier populations, boosting it with a single-dose messenger RNA (mRNA) vaccination, and single mRNA immunization of people with prior documented SARS-CoV-2 infection.



Conversations with Dr Bauchner: Coronavirus Variants With John P. Moore

Editorial

SARS-CoV-2 Viral Variants—Tackling a Moving Target

John R. Mascola, MD; Barney S. Graham, MD, PhD; Anthony S. Fauci, MD



Conversations with Dr Bauchner: Coronavirus Update With CDC Director Rochelle Walensky - February 17, 2021



Conversations with Dr Bauchner: Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

The Future of Health Policy in a Partisan United States: Insights From Public Opinion Polls

Robert J. Blendon, ScD; John M. Benson, MA; Eric C. Schneider, MD

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

This Viewpoint summarizes views measured in national opinion polls about COVID-19 response, national health insurance reform, reforming the US health care system in general, and race and race disparities in health, with a focus on differences between Democrat and Republican respondents and implications of those differences for enacting meaningful legislation.

A Piece of My Mind

Sitting in the River

Jessi Humphreys, MD

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

JAMA. 2021;325(13):1255-1256. doi:10.1001/jama.2021.3857

In this narrative medicine essay, a palliative care physician finds the space between professional and patient distance thinning as the COVID pandemic drags on and wonders whether abiding with them is the lesson.

Editorial

Celecoxib for Stage III Colon Cancer

David J. Kerr, MD, DSc; Sarah Chamberlain, BMedSci, MBChB; Rachel S. Kerr, MBChB, PhD

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

JAMA. 2021;325(13):1257-1258. doi:10.1001/jama.2021.2651

Opportunities to Improve Antimicrobial Use in US Nursing Homes

Christopher J. Crnich, MD, PhD; Preeti Malani, MD, MSJ

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

JAMA. 2021;325(13):1259-1260. doi:10.1001/jama.2021.3258

SARS-CoV-2 Viral Variants—Tackling a Moving Target

John R. Mascola, MD; Barney S. Graham, MD, PhD; Anthony S. Fauci, MD

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JAMA. 2021;325(13):1261-1262. doi:10.1001/jama.2021.2088



Conversations with Dr Bauchner: Coronavirus Update With CDC Director Rochelle Walensky - February 17, 2021



Conversations with Dr Bauchner: Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

To JAMA Authors, Reviewers, and Especially Physician Readers— A Profound Thank You

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

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JAMA. 2021;325(13):1263-1265. doi:10.1001/jama.2021.3860

Editorial

Health Care Heroes of the COVID-19 Pandemic

Howard Bauchner, MD; Thomas J. Easley; on behalf of the entire editorial and publishing staff of JAMA and the JAMA Network

The Reporting of Race and Ethnicity in Medical and Science Journals: Comments Invited

Annette Flanagan, RN, MA; Tracy Frey, BA; Stacy L. Christiansen, MA; Howard Bauchner, MD

Review

Filtering Facepiece Respirator (N95 Respirator) Reprocessing: A Systematic Review

Max A. Schumm, MD; Joseph E. Hadaya, MD; Nisha Mody, MLIS, MA, CCC-SLP; et al.

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JAMA. 2021;325(13):1296-1317. doi:10.1001/jama.2021.2531

In the context of widespread reuse and reprocessing of N95 respirators due to shortages caused by the COVID-19 pandemic, this systematic review summarizes evidence on effectiveness and feasibility of 5 decontaminating processes: UV irradiation, vaporized hydrogen peroxide, moist-heat incubation, microwave-generated steam, and ethylene oxide.

Audio Clinical Review: Coronavirus (COVID-19) Update: Reusing Face Masks and N95 Respirators



JAMA Insights

SARS-CoV-2 Vaccines

C. Buddy Creech, MD, MPH; Shannon C. Walker, MD; Robert J. Samuels, MBChB

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



JAMA. 2021;325(13):1318-1320. doi:10.1001/jama.2021.3199

This JAMA Insights clinical review explains different approaches to SARS-CoV-2 vaccine development, including inactivated and protein subunit, viral vector, and mRNA immunization strategies, and summarizes safety and efficacy data for global products authorized for use or in later-stage clinical trials.



Audio Clinical Review: Coronavirus Vaccines—An Overview

From The Medical Letter on Drugs and Therapeutics

Drugs for Atopic Dermatitis

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

JAMA. 2021;325(13):1321-1322. doi:10.1001/jama.2020.11192

This Medical Letter provides a Table summarizing key information about topical corticosteroids available for atopic dermatitis published as part of a comprehensive review on the topic.

Medical News & Perspectives

COVID-19 Vaccines vs Variants—Determining How Much Immunity Is Enough

Rita Rubin, MA

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



JAMA. 2021;325(13):1241-1243. doi:10.1001/jama.2021.3370

This Medical News feature examines what is known about the efficacy of COVID-19 vaccines against SARS-CoV-2 variants.



JAMA Medical News Audio: March 2021 Medical News Summary

JAMA Live Highlights

Experts Discuss COVID-19—Vaccine Questions, School Openings, and More

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FREE CME JAMA. 2021;325(13):1244-1245. doi:10.1001/jama.2021.4121

This Medical News article is a roundup of insights from recent livestream interviews with leading experts.

News From the Food and Drug Administration

A First in Surgical Devices for Transvaginal Hysterectomy

Rebecca Voelker, MSJ

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

JAMA. 2021;325(13):1246. doi:10.1001/jama.2021.4592

3D-Printed Implant Is Approved to Replace Ankle Joint Bone

Rebecca Voelker, MSJ

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

JAMA. 2021;325(13):1246. doi:10.1001/jama.2021.4029

Thermal Imaging Systems May Pose Public Health Risks

Rebecca Voelker, MSJ

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JAMA. 2021;325(13):1246. doi:10.1001/jama.2021.4594

Poetry and Medicine

Passing Out at the Hospital

Don Barkin, MA

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

JAMA. 2021;325(13):1336. doi:10.1001/jama.2021.1001

JAMA Revisited

The Medical Profession and the Public

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JAMA. 2021;325(13):1337. doi:10.1001/jama.2020.17870

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FREE JAMA. 2021;325(13):1338-1350. doi:10.1001/jama.2021.0638

Editorial

To JAMA Authors, Reviewers, and Especially Physician Readers—A Profound Thank You

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

JAMA Patient Page

Giardiasis

Angel N. Desai, MD, MPH

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

FREE JAMA. 2021;325(13):1356. doi:10.1001/jama.2020.10289

This JAMA Patient Page summarizes risk factors, symptoms, diagnosis, and treatment of giardiasis, an intestinal parasite infection that can cause gastrointestinal symptoms including nausea, stomach cramps, and prolonged diarrhea.

Comment & Response

Whistleblowing and Misconduct at Large Pharmaceutical Firms

Takanao Hashimoto, PhD; Akihiko Ozaki, MD, PhD; Tetsuya Tanimoto, MD

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JAMA. 2021;325(13):1331. doi:10.1001/jama.2021.0573

Whistleblowing and Misconduct at Large Pharmaceutical Firms —Reply

Denis G. Arnold, PhD; Tammy Beck, PhD; Oscar Jerome Stewart, PhD

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JAMA. 2021;325(13):1331-1332. doi:10.1001/jama.2021.0576

Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk

Brian Olshansky, MD; Deepak L. Bhatt, MD; Mina K. Chung, MD

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

JAMA. 2021;325(13):1332-1333. doi:10.1001/jama.2021.0824

Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk

Francine Welty, MD, PhD; Bruce Bistrian, MD, PhD; David Driscoll, PhD

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

JAMA. 2021;325(13):1333. doi:10.1001/jama.2021.0830

Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk

Yutang Wang, PhD

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JAMA. 2021;325(13):1333. doi:10.1001/jama.2021.0821

Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk

Kye-Yeung Park, MD, PhD; Hoon-Ki Park, MD, PhD; Hwan-Sik Hwang, MD, PhD

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

JAMA. 2021;325(13):1334. doi:10.1001/jama.2021.0827

Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk—Reply

Steven E. Nissen, MD; A. Michael Lincoff, MD; Stephen J. Nicholls, MBBS, PhD

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JAMA. 2021;325(13):1334-1335. doi:10.1001/jama.2021.0839

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FREE *JAMA*. 2021;325(13):1335. doi:10.1001/jama.2021.2565

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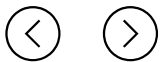
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April 13, 2021, Vol 325, No. 14, Pages 1369-1480

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JAMA. 2021;325(14):e2017881. doi:10.1001/jama.2020.17881



Audio Editors' Summary: Semaglutide for Weight Loss, Ivermectin for Mild COVID-19, USPSTF Guideline on Screening for Vitamin D Deficiency, and more

Original Investigation

Effect of Subcutaneous Semaglutide vs Placebo as an Adjunct to Intensive Behavioral Therapy on Body Weight in Adults With Overweight or Obesity: The STEP 3 Randomized Clinical Trial

Thomas A. Wadden, PhD; Timothy S. Bailey, MD; Liana K. Billings, MD, MMSc; et al.

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

This randomized clinical trial compares the effects of once-weekly subcutaneous semaglutide vs placebo for weight management as an adjunct to intensive behavioral therapy with initial low-calorie diet in adults with overweight or obesity.



Audio Clinical Review: Semaglutide for Weight Loss

Effect of Continued Weekly Subcutaneous Semaglutide vs Placebo on Weight Loss Maintenance in Adults With Overweight or Obesity: The STEP 4 Randomized Clinical Trial

Domenica Rubino, MD; Niclas Abrahamsson, MD; Melanie Davies, MD; et al.

Abstract | **Full Text**

 JAMA. 2021;325(14):1414-1425. doi:10.1001/jama.2021.3224

This randomized trial compares the effects of continuing weekly treatment with subcutaneous semaglutide vs switching to placebo on change in body weight over 48 weeks among adults with overweight or obesity who completed a 20-week run-in period with semaglutide.



Audio Clinical Review: Semaglutide for Weight Loss

Effect of Ivermectin on Time to Resolution of Symptoms Among Adults With Mild COVID-19: A Randomized Clinical Trial

Eduardo López-Medina, MD, MSc; Pío López, MD; Isabel C. Hurtado, MD; et al.

Abstract | **Full Text**

FREE  CME JAMA. 2021;325(14):1426-1435. doi:10.1001/jama.2021.3071

This randomized trial compares the effects of ivermectin vs placebo on time to symptom resolution within 21 days among patients with mild COVID-19.

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Research Letter

Binding and Neutralization Antibody Titers After a Single Vaccine Dose in Health Care Workers Previously Infected With SARS-CoV-2

Saman Saadat, PhD; Zahra Rikhtegaran Tehrani, PhD; James Logue, BS; et al.

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

FREE  CME JAMA. 2021;325(14):1467-1469. doi:10.1001/jama.2021.3341

This study compares titers of binding and neutralizing antibodies after a single mRNA coronavirus vaccine dose in health care workers previously infected with SARS-CoV-2.

Discriminant Accuracy of the SOFA Score for Determining the Probable Mortality of Patients With COVID-19 Pneumonia Requiring Mechanical Ventilation

Robert A. Raschke, MD; Sumit Agarwal, MBBS, MBA; Pooja Rangan, MBBS, MPH; et al.

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

FREE  CME JAMA. 2021;325(14):1469-1470. doi:10.1001/jama.2021.1545

This cohort study characterizes the accuracy of the Sequential Organ Failure Assessment (SOFA) score to discriminate death from survival in patients with COVID-19 pneumonia receiving oxygen therapy for 4 hours or longer before undergoing endotracheal intubation.

US Preventive Services Task Force

Recommendation Statement

Screening for Vitamin D Deficiency in Adults: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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

FREE  CME JAMA. 2021;325(14):1436-1442. doi:10.1001/jama.2021.3069

This 2021 US Preventive Services Task Force Recommendation Statement concludes that current evidence is insufficient to assess the balance of benefits and harms of screening for vitamin D defi-

ciency in asymptomatic adults (I statement).

Editorial

Why USPSTF Still Finds Insufficient Evidence to Support Screening for Vitamin D Deficiency

Erin D. Michos, MD, MHS; Rita R. Kalyani, MD, MHS; Jodi B. Segal, MD, MPH

The USPSTF 2021 Recommendations on Screening for Asymptomatic Vitamin D Deficiency in Adults: The Challenge for Clinicians Continues

Sherri-Ann M. Burnett-Bowie, MD, MPH; Anne R. Cappola, MD, ScM

Evidence Report

Screening for Vitamin D Deficiency in Adults: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Leila C. Kahwati, MD, MPH; Erin LeBlanc, MD, MPH; Rachel Palmieri Weber, PhD; et al.

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

FREE JAMA. 2021;325(14):1443-1463. doi:10.1001/jama.2020.26498

This systematic review to support the 2021 US Preventive Services Task Force Recommendation Statement on screening for vitamin D deficiency summarizes published evidence on the benefits and harms of screening and interventions for vitamin D deficiency in asymptomatic, community-dwelling adults.

Editorial

Why USPSTF Still Finds Insufficient Evidence to Support Screening for Vitamin D Deficiency

Erin D. Michos, MD, MHS; Rita R. Kalyani, MD, MHS; Jodi B. Segal, MD, MPH

The USPSTF 2021 Recommendations on Screening for Asymptomatic Vitamin D Deficiency in Adults: The Challenge for Clinicians Continues

Sherri-Ann M. Burnett-Bowie, MD, MPH; Anne R. Cappola, MD, ScM

Viewpoint

Health Policy

How the Biden Administration Can Improve Health Equity for Racial and Ethnic Minority Populations

Karen E. Joynt Maddox, MD, MPH; Cara V. James, PhD

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

JAMA. 2021;325(14):1387-1388. doi:10.1001/jama.2021.3046

This Viewpoint outlines actions that the new federal administration could consider related to health care access and quality, and social determinants of health, to meaningfully improve health equity for racial/ethnic minority populations.

Editorial

Moving Patient Care Forward in the Biden Era

Robert Steinbrook, MD; Mitchell H. Katz, MD; Rita F. Redberg, MD, MSc



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

COVID-19 in 2021—Continuing Uncertainty

Carlos del Rio, MD; Preeti Malani, MD, MSJ

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JAMA. 2021;325(14):1389-1390. doi:10.1001/jama.2021.3760

This Viewpoint summarizes the current best evidence about COVID-19 vaccines, immunity, and whether SARS-CoV-2 will become an endemic or seasonal virus.



Conversations with Dr Bauchner: Coronavirus Update With Carlos del Rio and Preeti Malani

National Initiatives to Prevent Myocardial Infarction and Stroke

Thomas R. Frieden, MD, MPH; Kathryn E. Foti, PhD, MPH

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



JAMA. 2021;325(14):1391-1392. doi:10.1001/jama.2021.0905

This Viewpoint discusses the Million Hearts initiative, a national effort that aims to prevent a million myocardial infarctions and strokes over 5 years, and proposes actions and strategies federal

agencies can take to advance tobacco control, sodium reduction, *trans* fat elimination, hypertension control, and centering the US health care system on primary care.



Conversations with Dr Bauchner: National Initiatives to Prevent Myocardial Infarction and Stroke

A Piece of My Mind

On Mentoring

Howard Bauchner, MD

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JAMA. 2021;325(14):1393. doi:10.1001/jama.2021.4070

In this narrative medicine essay, *JAMA's* editor in chief remembers his career mentors and their selflessness as they guided him in his early and mid-career and later became friends and colleagues.

Editorial

The Near-Term Future of Health Care Reform

Ezekiel J. Emanuel, MD, PhD

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JAMA. 2021;325(14):1394-1397. doi:10.1001/jama.2021.1472

Editorial

Confronting Challenges in the US Health Care System: Potential Opportunity in a Time of Crisis

Melinda B. Buntin, PhD

Crucial Questions for US Health Policy in the Next Decade

John Z. Ayanian, MD, MPP

Crucial Questions for US Health Policy in the Next Decade

John Z. Ayanian, MD, MPP

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JAMA. 2021;325(14):1397-1399. doi:10.1001/jama.2021.1470

Editorial

The Near-Term Future of Health Care Reform

Ezekiel J. Emanuel, MD, PhD

Confronting Challenges in the US Health Care System: Potential Opportunity in a Time of Crisis

Melinda B. Buntin, PhD

Confronting Challenges in the US Health Care System: Potential Opportunity in a Time of Crisis

Melinda B. Buntin, PhD

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JAMA. 2021;325(14):1399-1400. doi:10.1001/jama.2021.1471

Editorial

The Near-Term Future of Health Care Reform

Ezekiel J. Emanuel, MD, PhD

Crucial Questions for US Health Policy in the Next Decade

John Z. Ayanian, MD, MPP

The USPSTF 2021 Recommendations on Screening for Asymptomatic Vitamin D Deficiency in Adults: The Challenge for Clinicians Continues

Sherri-Ann M. Burnett-Bowie, MD, MPH; Anne R. Cappola, MD, ScM

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JAMA. 2021;325(14):1401-1402. doi:10.1001/jama.2021.2227

Editorial

Why USPSTF Still Finds Insufficient Evidence to Support Screening for Vitamin D Deficiency

Erin D. Michos, MD, MHS; Rita R. Kalyani, MD, MHS; Jodi B. Segal, MD, MPH

Identifying COVID-19 Risk Through Observational Studies to Inform Control Measures

Mark W. Tenforde, MD, PhD; Kiva A. Fisher, PhD, MPH; Manish M. Patel, MD, MSc

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

  JAMA. 2021;325(14):1464-1465. doi:10.1001/jama.2021.1995

This JAMA Insights Clinical Update from the CDC's COVID-19 Response Team discusses the importance of observational data for identifying behaviors associated with SARS-CoV-2 transmission, and presents data suggesting that indoor eating or drinking poses the highest risk, presumably because of prolonged exposure to unmasked, non-physically distanced companions.

Medical News & Perspectives

How the US Failed to Prioritize SARS-CoV-2 Variant Surveillance

Jennifer Abbasi

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

   JAMA. 2021;325(14):1380-1382. doi:10.1001/jama.2021.3368

This Medical News article discusses genomic sequencing to detect and track virus variants during the COVID-19 pandemic.

The JAMA Forum

Time to Rethink Nursing Homes

Stuart M. Butler, PhD

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

 JAMA. 2021;325(14):1383-1384. doi:10.1001/jama.2021.2567

News From the Centers for Disease Control and Prevention

COVID-19 Precautions Are Scarce in Non-Health Care Workplaces

Bridget M. Kuehn, MSJ

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

  *JAMA.* 2021;325(14):1386. doi:10.1001/jama.2021.4844

Disparities in Suicide Persist Despite Overall Dip in US Rate

Bridget M. Kuehn, MSJ

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

JAMA. 2021;325(14):1386. doi:10.1001/jama.2021.4131

Biotech Innovations

Data Leak Exposes Early COVID-19 Vaccine Manufacturing Hiccups

Jennifer Abbasi

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

  *JAMA.* 2021;325(14):1385. doi:10.1001/jama.2021.5002

Teplizumab Improves Beta Cell Function, Delays Type 1 Diabetes

Jennifer Abbasi

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

JAMA. 2021;325(14):1385. doi:10.1001/jama.2021.4628

Wearable Bilirubin Measurement Device for Neonatal Jaundice

Jennifer Abbasi

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

JAMA. 2021;325(14):1385. doi:10.1001/jama.2021.5004

The Arts and Medicine

COVID-19 Postage Stamps—Messages in a Message

Bertrand Lefrère, MSc; Amélie Reçoit, PharmD, MSc; Hervé Delacour, PharmD, MSc

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



JAMA. 2021;325(14):1377-1379. doi:10.1001/jama.2021.2139

This Arts and Medicine feature presents global postage and commemorative stamps issued by countries and nongovernmental organizations in 2020 featuring coronavirus pandemic-related themes.

Poetry and Medicine

Winter of Fear

Allison Coffelt, MA

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

JAMA. 2021;325(14):1474. doi:10.1001/jama.2021.1609

JAMA Revisited

Neurology in Art

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

JAMA. 2021;325(14):1475. doi:10.1001/jama.2020.17882

JAMA Patient Page

Screening for Vitamin D Deficiency in Adults

Jill Jin, MD, MPH

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



JAMA. 2021;325(14):1480. doi:10.1001/jama.2021.4606

This JAMA Patient Page summarizes the US Preventive Services Task Force's 2021 recommendation that current evidence is insufficient to assess the balance of benefits and harms of screening for vitamin D deficiency in asymptomatic adults (I statement).

Editorial

The USPSTF 2021 Recommendations on Screening for Asymptomatic Vitamin D Deficiency in Adults: The Challenge for Clinicians Continues

Sherri-Ann M. Burnett-Bowie, MD, MPH; Anne R. Cappola, MD, ScM

Comment & Response

Effect of Early Recombinant Human Erythropoietin on Neurodevelopmental Outcomes at Age 5 Years

Hannelore Ehrenreich, MD, DVM; Achim-Peter Neubauer, MD; Kamilla Miskowiak, PhD

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

JAMA. 2021;325(14):1470-1471. doi:10.1001/jama.2021.0833

Effect of Early Recombinant Human Erythropoietin on Neurodevelopmental Outcomes at Age 5 Years—Reply

Giancarlo Natalucci, MD; Hans Ulrich Bucher, MD; Jean-Claude Fauchère, MD

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

JAMA. 2021;325(14):1471-1472. doi:10.1001/jama.2021.0836

Review of Gastroesophageal Reflux Disease

Raaj S. Mehta, MD; Kyle Staller, MD, MPH; Andrew T. Chan, MD, MPH

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

JAMA. 2021;325(14):1472. doi:10.1001/jama.2021.1438

Review of Gastroesophageal Reflux Disease—Reply

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

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

JAMA. 2021;325(14):1472-1473. doi:10.1001/jama.2021.1444

Correction

Incorrect Values in Table

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

FREE JAMA. 2021;325(14):1473. doi:10.1001/jama.2021.4108

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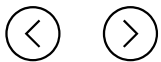
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April 20; 325 (15): 1489-1575



April 20, 2021, Vol 325, No. 15, Pages 1489-1575

In This Issue of JAMA

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JAMA. 2021;325(15):e2017893. doi:10.1001/jama.2020.17893



Audio Editors' Summary: Poloxamer 188 for Sickle Cell Disease, CDC Recommendations for Fully Vaccinated People, Oral Antiplatelet Therapy for ACS, and more

Original Investigation

Effect of Poloxamer 188 vs Placebo on Painful Vaso-Occlusive Episodes in Children and Adults With Sickle Cell Disease: A Randomized Clinical Trial

James F. Casella, MD; Bruce A. Barton, PhD; Julie Kanter, MD; et al.

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

This phase 3 trial examines the effectiveness of poloxamer 188 in reducing the duration of painful vaso-occlusive episodes in children and adults with sickle cell disease compared with placebo.

Editor's Note

Poloxamer 188 for Sickle Cell Disease

Jody Zylke, MD

Four-Month Clinical Status of a Cohort of Patients After Hospitalization for COVID-19

The Writing Committee for the COMEBAC Study Group

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

  CME JAMA. 2021;325(15):1525-1534. doi:10.1001/jama.2021.3331

This French cohort study describes coronavirus disease sequelae at 4 months in patients hospitalized for COVID-19 between March and May 2020, including assessment of respiratory, cognitive, and functional symptoms and test and imaging findings.

Editorial

Outcomes for Patients Following Hospitalization for COVID-19

Hallie C. Prescott, MD, MSc

Immunogenicity of the Ad26.COVS.2 Vaccine for COVID-19

Kathryn E. Stephenson, MD, MPH; Mathieu Le Gars, PhD; Jerald Sadoff, MD; et al.

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

  CME JAMA. 2021;325(15):1535-1544. doi:10.1001/jama.2021.3645

This randomized trial compares the immunogenicity of a SARS-CoV-2 Ad26.COVS.2 vaccine at high vs low vs no dose (placebo) in humans, including the kinetics, magnitude, and phenotype of coronavirus spike-specific humoral and cellular immune responses.

Research Letter

SARS-CoV-2 Positivity on or After 9 Days Among Quarantined Student Contacts of Confirmed Cases

Eric J. Nelson, MD, PhD, MS; Sarah L. McKune, PhD, MPH; Kathleen A. Ryan, MD; et al.

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

FREE  CME JAMA. 2021;325(15):1561-1562. doi:10.1001/jama.2021.2392

This study describes coronavirus test positivity rates among elementary, middle, and high school student contacts of confirmed COVID-19 cases in a Florida county where schools required a negative test on day 9 before return to school on day 10.

Editorial

COVID-19 and School Closures

Julie M. Donohue, PhD; Elizabeth Miller, MD, PhD



Conversations with Dr Bauchner: COVID-19 and School Reopenings

Acute Allergic Reactions to mRNA COVID-19 Vaccines

Kimberly G. Blumenthal, MD, MSc; Lacey B. Robinson, MD, MPH; Carlos A. Camargo Jr, MD, DrPH; et al.

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

FREE  CME JAMA. 2021;325(15):1562-1565. doi:10.1001/jama.2021.3976

This study examines the incidence of acute allergic reactions to mRNA COVID-19 vaccine administrations in health care employees in Massachusetts.

Viewpoint

CDC Interim Recommendations for Fully Vaccinated People: An Important First Step

Athalia Christie, MIA; Sarah A. Mbaeyi, MD; Rochelle P. Walensky, MD

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

FREE  CME JAMA. 2021;325(15):1501-1502. doi:10.1001/jama.2021.4367

This Viewpoint summarizes CDC activity recommendations for individuals fully vaccinated against SARS-CoV-2 infection, including resumption of low-risk gatherings among vaccinated people and maintenance of public health measures in activities involving unvaccinated people.

Incentivizing Vaccination Uptake: The “Green Pass” Proposal in Israel

Rachel Wilf-Miron, MD, MPH; Vicki Myers, PhD; Mor Saban, PhD

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



JAMA. 2021;325(15):1503-1504. doi:10.1001/jama.2021.4300

This Viewpoint explains the “green pass” program in Israel to encourage residents to seek COVID-19 vaccination, with incentives including access to social, cultural, and sports events and gyms, hotels, and restaurants as well as exemption from quarantine after travel or exposure to an individual with SARS-CoV-2 infection.

Precision Dosing: A Clinical and Public Health Imperative

Kimberly Maxfield, PhD; Issam Zineh, PharmD, MPH

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



JAMA. 2021;325(15):1505-1506. doi:10.1001/jama.2021.1004

This Viewpoint describes the concept of precision drug dosing, which would maximize drug benefit and minimize harm for each patient, and reviews the scientific, regulatory, technical, and practical infrastructures that would need to be in place for the idea to become reality in clinical practice settings.



Conversations with Dr Bauchner: Precision Dosing—A Clinical and Public Health Imperative

Medications in Single-Dose Vials and Implications of Discarded Injectable Drugs: A National Academies Report

Edward H. Shortliffe, MD, PhD; Gary H. Lyman, MD, MPH; Francis K. Amankwah, MPH

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

JAMA. 2021;325(15):1507-1508. doi:10.1001/jama.2021.2414

This Viewpoint summarizes a 2021 NASEM report that makes policy recommendations to reduce systems inefficiencies that lead to discarded medications in the US, including development of standards to allow safe use of single-dose vials across multiple patients, and use of payment models to reimburse treatment episodes rather than drug vial volume or cost.

A Piece of My Mind

Start With All the Little Things

Alexander Zider, MD

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

 JAMA. 2021;325(15):1509-1510. doi:10.1001/jama.2021.4885

In this narrative medicine essay, a pulmonologist learns about process improvement from his father, an engineer, who drew up a list of 50 improvements he noted during his hospitalizations for prostate cancer.

Editorial

Outcomes for Patients Following Hospitalization for COVID-19

Hallie C. Prescott, MD, MSc

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

  JAMA. 2021;325(15):1511-1512. doi:10.1001/jama.2021.3430

Review

Oral Antiplatelet Therapy After Acute Coronary Syndrome: A Review

Hassan Kamran, MD; Hani Jneid, MD; Waleed T. Kayani, MD; et al.

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

  JAMA. 2021;325(15):1545-1555. doi:10.1001/jama.2021.0716

This narrative review summarizes oral antiplatelet therapy and specifically addresses the effects of dual antiplatelet therapy for patients with acute coronary syndrome who have not taken

anticoagulants.



Audio Clinical Review: Dual Antiplatelet Therapy After Acute Coronary Syndrome

JAMA Clinical Guidelines Synopsis

Management of Acute Coronary Syndromes in Patients Without Persistent ST-Segment Elevation

Rajeev Anchan, MD; Adam S. Cifu, MD; Jonathan Paul, MD

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

JAMA. 2021;325(15):1556-1557. doi:10.1001/jama.2021.2744

This JAMA Clinical Guidelines Synopsis summarizes the European Society of Cardiology's 2020 recommendations for management of patients with non-ST-segment elevation acute coronary syndromes.

JAMA Clinical Challenge

Recurrent Hematochezia in a Returning Traveler

Shana E. Gleeson, MD; Xuchen Zhang, MD, PhD; Marwan M. Azar, MD

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

 CME JAMA. 2021;325(15):1558-1559. doi:10.1001/jama.2021.0368

A 28-year-old man who while traveling swam in the upper Nile River in Uganda developed intermittent diarrhea and hematochezia but no vomiting, fever, or weight loss; physical examination and laboratory findings were unremarkable, and colonoscopy with biopsy showed rectal granulomas containing oval-shaped features with lateral spines. What is the diagnosis and what would you do next?

Editor's Note

Poloxamer 188 for Sickle Cell Disease

Jody Zylke, MD

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Medical News & Perspectives

The Push for Timely Follow-up After Abnormal At-home Colon Cancer Screening Results

Mary Chris Jaklevic, MSJ

Abstract | **Full Text**

FREE  JAMA. 2021;325(15):1492-1493. doi:10.1001/jama.2021.2018

This Medical News article describes a call for guidelines to establish a standard time interval for follow-up colonoscopy after an abnormal fecal test result for colon cancer screening.



JAMA Medical News Audio: April 2021 Medical News Summary

Quick Uptakes

Primary Care Health Coaches Help Low-Income Patients Curb Obesity

Mary Chris Jaklevic, MSJ

Abstract | **Full Text**

FREE JAMA. 2021;325(15):1494-1495. doi:10.1001/jama.2021.3165

This Medical News article describes a trial of intensive behavioral interventions at primary-care clinics for low-income patients with obesity.

News From the Food and Drug Administration

Pathway Eased for Serial COVID-19 Screening Tests

Mary Chris Jaklevic, MSJ

Abstract | **Full Text**

FREE  CME JAMA. 2021;325(15):1499. doi:10.1001/jama.2021.5391

Molecular COVID-19 Test Gains First EAU for At-home Use

Mary Chris Jaklevic, MSJ

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

FREE  CME JAMA. 2021;325(15):1499. doi:10.1001/jama.2021.5121

Breaks in Ankle Implant Are a Cause for Concern

Mary Chris Jaklevic, MSJ

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

FREE JAMA. 2021;325(15):1499. doi:10.1001/jama.2021.5393

The JAMA Forum

Price Transparency—Promise and Peril

Sherry Glied, PhD

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

FREE JAMA. 2021;325(15):1496-1497. doi:10.1001/jama.2021.4640

Global Health

Preventable Vision Loss Affects Millions Globally

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;325(15):1498. doi:10.1001/jama.2021.4494

Costly Hearing Loss Requires Greater Global Attention

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;325(15):1498. doi:10.1001/jama.2021.5498

COVID-19 in Clinicians—More Cases in Women, More Deaths in Men

Bridget M. Kuehn, MSJ

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

FREE  CME JAMA. 2021;325(15):1498. doi:10.1001/jama.2021.5500

Poetry and Medicine

Chopped Liver

Nina Avedon, MSW

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

FREE JAMA. 2021;325(15):1569. doi:10.1001/jama.2020.25300

JAMA Revisited

The Martin Luther of Medical Education

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

FREE JAMA. 2021;325(15):1570. doi:10.1001/jama.2020.17894

JAMA Patient Page

Nontuberculous Mycobacterial Infections

Angel N. Desai, MD, MPH; Rocio Hurtado, MD, DTM&H

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

FREE JAMA. 2021;325(15):1574. doi:10.1001/jama.2020.19062

This JAMA Patient Page describes the risk factors, symptoms, diagnosis, treatment, and prevention measures for nontuberculous mycobacterial infections.

The Johnson & Johnson Vaccine for COVID-19

Edward H. Livingston, MD; Preeti N. Malani, MD, MSJ; C. Buddy Creech, MD, MPH

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



JAMA. 2021;325(15):1575. doi:10.1001/jama.2021.2927

This JAMA Patient Page explains how the Johnson & Johnson COVID-19 vaccine, likely to be the third SARS-CoV-2 vaccine approved for widespread use, uses an adenovirus 26 vector to deliver coronavirus DNA to host cells to produce spike proteins and safely and effectively induce immunity.



Conversations with Dr Bauchner: Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

Comment & Response

Fractional Flow Reserve Treatment and Major Adverse Cardiac Events in Patients With Coronary Artery Disease

Gianluca Rigatelli, MD, PhD; Marco Zuin, MS

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

JAMA. 2021;325(15):1565. doi:10.1001/jama.2021.1435

Fractional Flow Reserve Treatment and Major Adverse Cardiac Events in Patients With Coronary Artery Disease—Reply

Maneesh Sud, MD; Jiming Fang, PhD; Dennis T. Ko, MD, MSc

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

JAMA. 2021;325(15):1565-1566. doi:10.1001/jama.2021.1441

Quantifying the Effect of Lower vs Higher Positive End-Expiratory Pressure on Ventilator-Free Survival in ICU Patients

Zachary R. McCaw, PhD; Lu Tian, ScD; Lee-Jen Wei, PhD

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

JAMA. 2021;325(15):1566-1567. doi:10.1001/jama.2021.1700

Quantifying the Effect of Lower vs Higher Positive End-Expiratory Pressure on Ventilator-Free Survival in ICU Patients—Reply

Ary Serpa Neto, MD, MSc, PhD; Anna Geke Algera, MD; Marcus J. Schultz, MD, PhD; et al.

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Correction

Omitted Decimal Point

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

FREE JAMA. 2021;325(15):1568. doi:10.1001/jama.2021.4833

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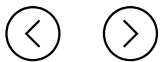
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April 27; 325 (16): 1593-1688



April 27, 2021, Vol 325, No. 16, Pages 1593-1688

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JAMA. 2021;325(16):e2017905. doi:10.1001/jama.2020.17905



Audio Editors' Summary: Anticoagulation for COVID-19, Reducing Cesarean Deliveries for Low-Risk Births, USPSTF Hypertension Screening Guideline, and more

Original Investigation

Effect of Intermediate-Dose vs Standard-Dose Prophylactic Anticoagulation on Thrombotic Events, Extracorporeal Membrane Oxygenation Treatment, or Mortality Among Patients With COVID-19 Admitted to the Intensive Care Unit: The INSPIRATION Randomized Clinical Trial

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

  *JAMA.* 2021;325(16):1620-1630. doi:10.1001/jama.2021.4152

This randomized trial compares the effect of intermediate-dose vs standard prophylactic enoxaparin on a composite outcome of acute venous thromboembolism (VTE), arterial thrombosis, need for extracorporeal membrane oxygenation (ECMO), and all-cause mortality within 30 days among patients with COVID-19 admitted to the ICU.

Editorial

Finding the Optimal Thromboprophylaxis Dose in Patients With COVID-19

Hanny Al-Samkari, MD

Hospital Quality Improvement Interventions, Statewide Policy Initiatives, and Rates of Cesarean Delivery for Nulliparous, Term, Singleton, Vertex Births in California

Melissa G. Rosenstein, MD, MAS; Shen-Chih Chang, MS, PhD; Christa Sakowski, MSN; et al.

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

 *JAMA.* 2021;325(16):1631-1639. doi:10.1001/jama.2021.3816

This population epidemiology study compares rates of cesarean delivery for nulliparous, term, singleton, vertex (NTSV) births in California before vs after a statewide intervention to reduce cesarean deliveries and compares trends in California with those in the US.

Editorial

Initiatives to Reduce Cesarean Delivery Rates for Low-risk First Births

David B. Nelson, MD; Catherine Y. Spong, MD

Association Between Age at Diabetes Onset and Subsequent Risk of Dementia

Claudio Barbiellini Amidei, MD; Aurore Fayosse, MSc; Julien Dumurgier, PhD; et al.

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

 *JAMA.* 2021;325(16):1640-1649. doi:10.1001/jama.2021.4001

This cohort study uses UK Whitehall cohort data to examine the association between age at type 2 diabetes onset and incident dementia.

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Research Letter

HPV Vaccination Among Young Adults in the US

Michelle M. Chen, MD, MHS; Nicole Mott, BS; Sarah J. Clark, MPH; et al.

Abstract | **Full Text**

JAMA. 2021;325(16):1673-1674. doi:10.1001/jama.2021.0725

This study uses data from the 2010-2018 National Health Interview Survey to characterize trends in human papillomavirus (HPV) vaccination rates, ages at vaccination, and numbers of doses received among young adults in the US between 2010 and 2018.

Out-of-Network Laboratory Test Spending, Utilization, and Prices in the US

Zirui Song, MD, PhD; Timothy Lillehaugen, MPH; Jacob Wallace, PhD

Abstract | **Full Text**

JAMA. 2021;325(16):1674-1676. doi:10.1001/jama.2021.0720

In the context of concerns about the appropriateness and costs to insurers and patients of laboratory testing, this study uses data from the IBM MarketScan Commercial Claims and Encounters Database to examine out-of-network laboratory test spending, utilization, and prices in the US in 2008-2016.

Reasons for Admissions to US Children's Hospitals During the COVID-19 Pandemic

Peter J. Gill, MD, DPhil; Sanjay Mahant, MD, MSc; Matt Hall, PhD; et al.

Abstract | **Full Text**

 CME *JAMA*. 2021;325(16):1676-1679. doi:10.1001/jama.2021.4382

This study uses Pediatric Health Information System database data to compare hospitalizations in US children's hospitals early in the COVID-19 pandemic (March-August 2020) vs the same period in 2017-2019, overall and for respiratory, chronic, nonrespiratory, and other conditions.

US Preventive Services Task Force

Recommendation Statement

Screening for Hypertension in Adults: US Preventive Services Task Force Reaffirmation Recommendation Statement

US Preventive Services Task Force

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

   JAMA. 2021;325(16):1650-1656. doi:10.1001/jama.2021.4987

This 2021 US Preventive Services Task Force Reaffirmation Recommendation Statement recommends screening for hypertension in adults 18 years or older with office blood pressure measurement and obtaining blood pressure measurements outside of the clinical setting for diagnostic confirmation before starting treatment (A recommendation).



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Editorial

USPSTF Recommendation Statement on Hypertension Screening in Adults—Where Do We Go From Here?

D. Edmund Anstey, MD, MPH; Corey Bradley, MD; Daichi Shimbo, MD



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Will the 2021 USPSTF Hypertension Screening Recommendation Decrease or Worsen Racial/Ethnic Disparities in Blood Pressure Control?

Keith C. Ferdinand, MD; Angela L. Brown, MD



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

The USPSTF Recommendation on Blood Pressure Screening: Making 2021 the Transformative Year in Controlling Hypertension

Marwah Abdalla, MD, MPH; Paul Muntner, PhD; Eric D. Peterson, MD, MPH



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

USPSTF Recommendations for Screening for Hypertension in Adults: It Is Time to Unmask Hypertensive Risk

Yuichiro Yano, MD, PhD; Donald M. Lloyd-Jones, MD, ScM



Evidence Report

Screening for Hypertension in Adults: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Janelle M. Guirguis-Blake, MD; Corinne V. Evans, MPP; Elizabeth M. Webber, MS; et al.

Abstract | **Full Text**



JAMA. 2021;325(16):1657-1669. doi:10.1001/jama.2020.21669

This systematic review to support the 2021 US Preventive Services Task Force Recommendation Statement on screening for hypertension summarizes published evidence on the benefits and harms of hypertension screening and confirmatory blood pressure measurements in adults 18 years or older without known hypertension.



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Editorial

USPSTF Recommendation Statement on Hypertension Screening in Adults—Where Do We Go From Here?

D. Edmund Anstey, MD, MPH; Corey Bradley, MD; Daichi Shimbo, MD



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

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Keith C. Ferdinand, MD; Angela L. Brown, MD



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Marwah Abdalla, MD, MPH; Paul Muntner, PhD; Eric D. Peterson, MD, MPH



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

USPSTF Recommendations for Screening for Hypertension in Adults: It Is Time to Unmask Hypertensive Risk

Yuichiro Yano, MD, PhD; Donald M. Lloyd-Jones, MD, ScM



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Prioritizing Nutrition Security in the US

Dariusz Mozaffarian, MD, DrPH; Sheila Fleischhacker, PhD, JD, RDN; José R. Andrés

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

JAMA. 2021;325(16):1605-1606. doi:10.1001/jama.2021.1915

This Viewpoint addresses nutrition security—defined as having consistent access, availability, and affordability of foods and beverages that promote well-being and prevent or even treat disease—and its importance to clinical care and public policy in the US.

The Interstate Medical Licensure Compact: Attending to the Underserved

Eli Y. Adashi, MD, MS; I. Glenn Cohen, JD; Winston L. McCormick, BS

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

JAMA. 2021;325(16):1607-1608. doi:10.1001/jama.2021.1085

This Viewpoint reviews the creation of the US Interstate Medical Licensure Compact (IMLC), which facilitates licensure for physicians who wish to practice in multiple states with the aim of increasing access to care for patients in underserved areas and emphasizes its growing importance to states and physicians given more widespread use of telemedicine.

State Medical Board Recommendations for Stronger Approaches to Sexual Misconduct by Physicians

Patricia A. King, MD, PhD; Humayun J. Chaudhry, DO, MS; Mark L. Staz, MA

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

JAMA. 2021;325(16):1609-1610. doi:10.1001/jama.2020.25775

This Viewpoint discusses recommendations adopted by the US Federation of State Medical Boards (FSMB) to guide state boards on how to respond to reports of sexual misconduct by physicians toward patients, including harassment and abuse.

A Piece of My Mind

Becoming a Mother and Gaining Perspective

Lauren Rissman, MD

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

FREE JAMA. 2021;325(16):1611-1612. doi:10.1001/jama.2021.5160

In this narrative medicine essay, a pediatric intensive care fellow tells of her near death from postpartum hemorrhage in childbirth, her first delayed introduction to her daughter, and her struggle with helplessness in caring for her premature daughter during her convalescence.

Editorial

Finding the Optimal Thromboprophylaxis Dose in Patients With COVID-19

Hanny Al-Samkari, MD

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

FREE  CME JAMA. 2021;325(16):1613-1615. doi:10.1001/jama.2021.4295

Initiatives to Reduce Cesarean Delivery Rates for Low-risk First Births

David B. Nelson, MD; Catherine Y. Spong, MD

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

JAMA. 2021;325(16):1616-1617. doi:10.1001/jama.2021.0084

Recommendation Statement

The USPSTF Recommendation on Blood Pressure Screening: Making 2021 the Transformative Year in Controlling Hypertension

Abstract | **Full Text**

  JAMA. 2021;325(16):1618-1619. doi:10.1001/jama.2021.4499



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Editorial

USPSTF Recommendation Statement on Hypertension Screening in Adults—Where Do We Go From Here?

D. Edmund Anstey, MD, MPH; Corey Bradley, MD; Daichi Shimbo, MD



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Will the 2021 USPSTF Hypertension Screening Recommendation Decrease or Worsen Racial/Ethnic Disparities in Blood Pressure Control?

Keith C. Ferdinand, MD; Angela L. Brown, MD



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

USPSTF Recommendations for Screening for Hypertension in Adults: It Is Time to Unmask Hypertensive Risk

Yuichiro Yano, MD, PhD; Donald M. Lloyd-Jones, MD, ScM



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

JAMA Insights

First-Dose COVID-19 Vaccination Coverage Among Skilled Nursing Facility Residents and Staff

Radhika Gharpure, DVM, MPH; Anita Patel, PharmD, MS; Ruth Link-Gelles, PhD, MPH

Abstract | **Full Text**

 CME  JAMA. 2021;325(16):1670-1671. doi:10.1001/jama.2021.2352

This JAMA Insights review from CDC COVID-19 Response team members presents data on the number of long-term care facilities and the numbers of residents and staff of those facilities who received first-dose vaccination through mid-January 2021 under the agency's public-private partnership with CVS, Walgreens, and Managed Health Care Associates.



Audio Clinical Review: Vaccinating Nursing Home and Long-term Care Facility Residents for Coronavirus

Medical News & Perspectives

How Sharing Clinical Notes Affects the Patient-Physician Relationship

Rita Rubin, MA

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

 JAMA. 2021;325(16):1596-1598. doi:10.1001/jama.2021.4755

This Medical News feature describes the impact of open visit notes on patient care.



JAMA Medical News Audio: April 2021 Medical News Summary

The JAMA Forum

To Address Drug Affordability, Grab the Low-hanging Fruit

Michelle M. Mello, JD, PhD, MPhil; Trish Riley, MS

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

FREE  CME JAMA. 2021;325(16):1599-1600. doi:10.1001/jama.2021.4619

News From the Centers for Disease Control and Prevention

Israel's Real-life Evidence That Vaccine Can Prevent Severe COVID-19

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;325(16):1603. doi:10.1001/jama.2021.5617

More Severe Obesity Leads to More Severe COVID-19 in Study

Bridget M. Kuehn, MSJ

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

FREE  CME JAMA. 2021;325(16):1603. doi:10.1001/jama.2021.4853

Clinical Trials Update

N-of-1 Trial Finds No Effect of Statins on Muscle Symptoms

Anita Slomski, MA

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

FREE JAMA. 2021;325(16):1602. doi:10.1001/jama.2021.4801

Relugolix Combination Therapy for Uterine Fibroids

Anita Slomski, MA

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

FREE JAMA. 2021;325(16):1602. doi:10.1001/jama.2021.5857

Low-Income African American Women With Hypertension and Depression

Anita Slomski, MA

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

FREE JAMA. 2021;325(16):1602. doi:10.1001/jama.2021.5861

Bimekizumab Offers Rapid and Durable Psoriasis Treatment

Anita Slomski, MA

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

FREE JAMA. 2021;325(16):1602. doi:10.1001/jama.2021.5863

Health Agencies Update

Vaccination Priorities Delay Shots for Higher-Risk People of Color

Rita Rubin, MA

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FREE JAMA. 2021;325(16):1601. doi:10.1001/jama.2021.5115

NIH Launches Program to Investigate COVID-19 in Children

Rita Rubin, MA

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

  CME JAMA. 2021;325(16):1601. doi:10.1001/jama.2021.5880

Medicare Raises Payment for Administering COVID-19 Vaccines

Rita Rubin, MA

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

  CME JAMA. 2021;325(16):1601. doi:10.1001/jama.2021.5882

Poetry and Medicine

COVID Dying

Ralph James Savarese, PhD

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

 JAMA. 2021;325(16):1684. doi:10.1001/jama.2021.1912

JAMA Revisited

Financial Support of Medical Schools

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

 JAMA. 2021;325(16):1685. doi:10.1001/jama.2020.17906

JAMA Patient Page

Screening for Hypertension in Adults

Jill Jin, MD, MPH

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

  JAMA. 2021;325(16):1688. doi:10.1001/jama.2021.5288

This JAMA Patient Page summarizes the US Preventive Services Task Force's 2021 recommendation that all adults aged 18 years or older be screened for high blood pressure (A statement).



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Editorial

The USPSTF Recommendation on Blood Pressure Screening: Making 2021 the Transformative Year in Controlling Hypertension

Marwah Abdalla, MD, MPH; Paul Muntner, PhD; Eric D. Peterson, MD, MPH



Audio Clinical Review: USPSTF Recommendation: Screening for Hypertension in Adults

Comment & Response

Depression and Incident Cardiovascular Disease

Ibrahim El-Battrawy, MD; Michael Behnes, MD; Ibrahim Akin, MD

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

JAMA. 2021;325(16):1679-1680. doi:10.1001/jama.2021.2029

Depression and Incident Cardiovascular Disease—Reply

Karina W. Davidson, PhD; Lisa Pennells, PhD, MSc; Emanuele Di Angelantonio, MD, PhD

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

JAMA. 2021;325(16):1680. doi:10.1001/jama.2021.2032

Digoxin vs Bisoprolol for Heart Rate Control in Atrial Fibrillation

Jalaj Garg, MD; Rakesh Gopinathannair, MD, MA; Dhanunjaya Lakkireddy, MD

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

JAMA. 2021;325(16):1680-1681. doi:10.1001/jama.2021.2673

Digoxin vs Bisoprolol for Heart Rate Control in Atrial Fibrillation—Reply

Dipak Kotecha, MD, PhD, MSc

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

JAMA. 2021;325(16):1681-1682. doi:10.1001/jama.2021.2676

Correction

Incorrect Values in Text and Table 4

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

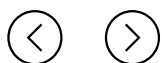
FREE JAMA. 2021;325(16):1682. doi:10.1001/jama.2020.25768

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FREE JAMA. 2021;325(16):1593-1594. doi:10.1001/jama.2020.17903



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Latest from the USPSTF

USPSTF Recommendation: Screening for Hypertension in Adults

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April 2021 - January 1908

Decade

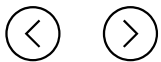
2020s

Year

2021

Issue

April; 181 (4): 420-570



April 2021, Vol 181, No. 4, Pages 420-570

Viewpoint

Challenges of a Supplemental Private Option Under National Health Insurance—Observations From Australia

Bruce E. Landon, MD, MBA; Shaun Larkin, HlthScD, MBA; Adam G. Elshaug, PhD

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

JAMA Intern Med. 2021;181(4):421-422. doi:10.1001/jamainternmed.2020.8435

This Viewpoint describes the role of private hospital insurance in Australia, a country with universal government-sponsored insurance.

Authorized Generics and Their Evolving Role in Prescription Drug Pricing and Access

Stacie B. Dusetzina, PhD; Nancy L. Keating, MD, MPH; Haiden A. Huskamp, PhD

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

This Viewpoint describes how authorized generics are used and discusses whether they improve access to prescription drugs or lower out-of-pocket spending for patients.

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Perspective

Testimony of the Beirut Explosion—A White Coat Soaked in Blood and Tears

Bachar El-Baba

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

JAMA Intern Med. 2021;181(4):425-426. doi:10.1001/jamainternmed.2020.8720

This article provides the perspective of a first-line responder after an explosion in Beirut, Lebanon, on August 4, 2020.

Original Investigation

Efficacy of a Combination of Conservative Therapies vs an Education Comparator on Clinical Outcomes in Thumb Base Osteoarthritis: A Randomized Clinical Trial

Leticia A. Devezza, MD, PhD; Sarah R. Robbins, PhD; Vicky Duong, BSc (Hons); et al.

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

JAMA Intern Med. 2021;181(4):429-438. doi:10.1001/jamainternmed.2020.7101

This randomized clinical trial determines the efficacy of a 6-week combination of conservative treatments vs an education comparator for people with thumb base osteoarthritis.

Risk Factors Associated With All-Cause 30-Day Mortality in Nursing Home Residents With COVID-19

Orestis A. Panagiotou, MD, PhD; Cyrus M. Kosar, MA; Elizabeth M. White, PhD, APRN; et al.

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

FREE  CME *JAMA Intern Med.* 2021;181(4):439-448. doi:10.1001/jamainternmed.2020.7968

This cohort study examines risk factors for 30-day all-cause mortality among US nursing home residents with COVID-19.

Estimated SARS-CoV-2 Seroprevalence in the US as of September 2020

Kristina L. Bajema, MD, MSc; Ryan E. Wiegand, MS; Kendra Cuffe, MPH; et al.

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

  CME *JAMA Intern Med.* 2021;181(4):450-460. doi:10.1001/jamainternmed.2020.7976

This cross-sectional study examines the prevalence of persons with SARS-CoV-2 antibodies across the US and changes from July to September 2020.

Evaluation of Cloth Masks and Modified Procedure Masks as Personal Protective Equipment for the Public During the COVID-19 Pandemic

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

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

FREE  CME *JAMA Intern Med.* 2021;181(4):463-469. doi:10.1001/jamainternmed.2020.8168

This comparative study examines the fitted filtration efficiency of 7 consumer-grade face masks and 5 medical procedure mask modifications.

Editor's Note

Filtration Efficiency of Face Masks Used by the Public During the COVID-19 Pandemic

Robert Steinbrook, MD

Variation in US Hospital Mortality Rates for Patients Admitted With COVID-19 During the First 6 Months of the Pandemic

David A. Asch, MD, MBA; Natalie E. Sheils, PhD; Md Nazmul Islam, PhD, MBA; et al.

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



CME

JAMA Intern Med. 2021;181(4):471-478. doi:10.1001/jamainternmed.2020.8193

This cohort study examines variations in COVID-19 mortality rates and over the first 6 months of the pandemic.

Association of the Intensity of Diagnostic Evaluation With Outcomes in Incidentally Detected Lung Nodules

Farhood Farjah, MD, MPH; Sarah E. Monsell, MS; Michael K. Gould, MD, MS; et al.

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

JAMA Intern Med. 2021;181(4):480-489. doi:10.1001/jamainternmed.2020.8250

This comparative effectiveness research reports the radiation exposure, adverse events, and health expenditures associated with the varying intensities of lung nodule detection.

Assessment of Coverage in England of Cancer Drugs Qualifying for US Food and Drug Administration Accelerated Approval

Avi Cherla, MSc; Huseyin Naci, MHS, PhD; Aaron S. Kesselheim, MD, JD, MPH; et al.

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



JAMA Intern Med. 2021;181(4):490-498. doi:10.1001/jamainternmed.2020.8441

This cohort study assesses the concordance between cancer drug indications receiving accelerated approval from the US Food and Drug Administration between 1992 and 2017 and those subsequently authorized for funding through the National Health Service in England.

Evaluation of the Clinical Benefit of Cancer Drugs Submitted for Reimbursement Recommendation Decisions in Canada

Daniel E. Meyers, MD, MSc; Kristina Jenei, BSN; Timothy M. Chisamore, MSc; et al.

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

JAMA Intern Med. 2021;181(4):499-508. doi:10.1001/jamainternmed.2020.8588

This cohort study evaluates the quality of evidence in the drug submission process for provincial reimbursement of the pan-Canadian Oncology Drug Review.

Risk of Progression to Diabetes Among Older Adults With Pre-diabetes

Mary R. Rooney, PhD, MPH; Andreea M. Rawlings, PhD; James S. Pankow, PhD, MPH; et al.

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



CME



JAMA Intern Med. 2021;181(4):511-519. doi:10.1001/jamainternmed.2020.8774

This cohort study of older adults without diabetes compares different prediabetes definitions and characterizes the risks of prediabetes and diabetes in this population.



Audio Author Interview: Risk of Progression to Diabetes Among Older Adults With Prediabetes

Contents of US Food and Drug Administration Refuse-to-File Letters for New Drug Applications and Efficacy Supplements and Their Public Disclosure by Applicants

Harinder Singh Chahal, PharmD, MSc; Sanjana Mukherjee, PhD, MSc; Daniel W. Sigelman, JD; et al.

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



JAMA Intern Med. 2021;181(4):522-529. doi:10.1001/jamainternmed.2020.8866

This cross-sectional study analyzes the US Food and Drug Administration's reasons for issuing refuse-to-file letters and assesses public transparency of refuse-to-file letters and their contents.

Editor's Note

Another Reason for Greater Transparency at the US Food and Drug Administration

Robert Steinbrook, MD

Effect of Telephone Cognitive Behavioral Therapy for Insomnia in Older Adults With Osteoarthritis Pain: A Randomized Clinical Trial

Susan M. McCurry, PhD; Weiwei Zhu, MS; Michael Von Korff, ScD; et al.

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

JAMA Intern Med. 2021;181(4):530-538. doi:10.1001/jamainternmed.2020.9049

This randomized clinical trial evaluates the effectiveness of a telephone cognitive behavioral therapy for insomnia vs education-only control in older adults with moderate to severe osteoarthritis pain.

Editorial

Antibiotic Treatment for Inpatient Asthma Exacerbations: What Have We Learned?

Thomas B. Newman, MD, MPH

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

JAMA Intern Med. 2021;181(4):427-428. doi:10.1001/jamainternmed.2020.7229

Invited Commentary

Beyond Age—Improvement of Prognostication Through Physical and Cognitive Functioning for Nursing Home Residents With COVID-19

Márlon Juliano Romero Aliberti, MD, PhD; Thiago Junqueira Avelino-Silva, MD, PhD

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

FREE  CME *JAMA Intern Med.* 2021;181(4):448-449. doi:10.1001/jamainternmed.2020.8190

Antibodies, Immunity, and COVID-19

Brad Spellberg, MD; Travis B. Nielsen, PhD; Arturo Casadevall, MD, PhD

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

FREE  CME *JAMA Intern Med.* 2021;181(4):460-462. doi:10.1001/jamainternmed.2020.7986

Decreased COVID-19 Mortality—A Cause for Optimism

Leon Boudourakis, MD, MHS; Amit Uppal, MD

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



JAMA Intern Med. 2021;181(4):478-479. doi:10.1001/jamainternmed.2020.8438

Approval and Coverage of Cancer Drugs in England, Canada, and the US

Vinay Prasad, MD, MPH; Myung S. Kim, MD

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

JAMA Intern Med. 2021;181(4):509-510. doi:10.1001/jamainternmed.2020.8587

Less Is More

Prediabetes—A Risk Factor Twice Removed

Kenneth Lam, MD; Sei J. Lee, MD, MAS

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

 *JAMA Intern Med.* 2021;181(4):520-521. doi:10.1001/jamainternmed.2020.8773



Audio Author Interview: Risk of Progression to Diabetes Among Older Adults With Prediabetes

Editor's Note

Filtration Efficiency of Face Masks Used by the Public During the COVID-19 Pandemic

Robert Steinbrook, MD

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



JAMA Intern Med. 2021;181(4):470. doi:10.1001/jamainternmed.2020.8234

Another Reason for Greater Transparency at the US Food and Drug Administration

Robert Steinbrook, MD

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

JAMA Intern Med. 2021;181(4):529. doi:10.1001/jamainternmed.2020.8841

Teachable Moment

Screening for Lipoprotein(a) Levels in Persons at Low Risk for Cardiovascular Disease: A Teachable Moment

Ludovico Furlan, MD; Patrick Azcarate, MD; Rita F. Redberg, MD, MSc

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

 CME *JAMA Intern Med.* 2021;181(4):539. doi:10.1001/jamainternmed.2020.8367

This Teachable Moment assesses cardiac risk in a 64-year-old woman with a history of breast cancer and paroxysmal atrial fibrillation and considers whether referral to cardiology and statin therapy are advisable.

The Toxic Effects of an Incomplete Medication History: A Teachable Moment

Mei-Ni Belzile, MD, MSc; Kiran Battu, RPh, PharmD, BScPhm; Peter E. Wu, MD, MSc

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

JAMA Intern Med. 2021;181(4):540-541. doi:10.1001/jamainternmed.2020.8863

This Teachable Moment discusses the importance of the patient history in guiding diagnosis and treatment and offers strategies to overcome barriers in obtaining a thorough medication history.

Research Letter

Evaluation of Progress Toward Gender Equity Among Departmental Chairs in Academic Medicine

Bismarck C. Odei, MD; Phylcia Gawu, MD, MS; Sonu Bae, BS; et al.

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

JAMA Intern Med. 2021;181(4):548-550. doi:10.1001/jamainternmed.2020.6267

This cross-sectional study evaluates the extent of progress in female representation among program directors, chairs, and deans to provide a benchmark by which to evaluate future progress.

Prevalence of Personal Attacks and Sexual Harassment of Physicians on Social Media

Tricia R. Pendergrast, BA; Shikha Jain, MD; N. Seth Trueger, MD, MPH; et al.

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

JAMA Intern Med. 2021;181(4):550-552. doi:10.1001/jamainternmed.2020.7235

This survey study examines the self-reports of personal attacks and sexual harassment of physicians through social media outlets.

Association of Diet and Lifestyle With the Risk of Gastroesophageal Reflux Disease Symptoms in US Women

Raaj S. Mehta, MD; Long H. Nguyen, MD, MS; Wenjie Ma, MBBS, ScD; et al.

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

JAMA Intern Med. 2021;181(4):552-554. doi:10.1001/jamainternmed.2020.7238

This cohort study evaluated the joint association of dietary and lifestyle factors with risk of gastroesophageal reflux disease symptoms among women participating in the Nurses' Health Study II.

Health Needs and Functional Disability Among Mail-Order Pharmacy Users in the US

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

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

JAMA Intern Med. 2021;181(4):554-556. doi:10.1001/jamainternmed.2020.7254

This cross-sectional study examines the health characteristics of individuals who use mail-order pharmacies.

COVID-19 Test Result Turnaround Time for Residents and Staff in US Nursing Homes

Brian E. McGarry, PT, PhD; Gillian K. SteelFisher, PhD; David C. Grabowski, PhD; et al.

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

FREE  CME *JAMA Intern Med.* 2021;181(4):556-559. doi:10.1001/jamainternmed.2020.7330

This cross-sectional study examines trends in test result turnaround rates for COVID-19 testing nursing facility residents and staff in hot spot counties in the US.

Speed, Evidence, and Safety Characteristics of Vaccine Approvals by the US Food and Drug Administration

Jeremy Puthumana, MD, MS; Alexander C. Egilman, BA; Audrey D. Zhang, MD; et al.

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

 *JAMA Intern Med.* 2021;181(4):559-560. doi:10.1001/jamainternmed.2020.7472

This cross-sectional study evaluates all of the novel vaccines approved by the US Food and Drug Administration over the last decade.

Engagement in Meaningful Activities Among Older Adults With Disability, Dementia, and Depression

Anna Oh, PhD, MPH, RN; Siqi Gan, MPH; W. John Boscardin, PhD; et al.

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

JAMA Intern Med. 2021;181(4):560-562. doi:10.1001/jamainternmed.2020.7492

This cross-sectional study examines the association between disability, dementia, and depression and engagement in meaningful activities in community-dwelling older adults.

Assessment of Filled Buprenorphine Prescriptions for Opioid Use Disorder During the Coronavirus Disease 2019 Pandemic

Thuy D. Nguyen, PhD; Sumedha Gupta, PhD; Engy Ziedan, PhD; et al.

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

  *JAMA Intern Med.* 2021;181(4):562-565. doi:10.1001/jamainternmed.2020.7497

This cohort study examines changes in the number of buprenorphine prescriptions filled by individuals with opioid use disorder before and during the coronavirus disease 2019 pandemic.

Challenges in Clinical Electrocardiography

Unusual Cause of Cardiac Arrest

Takahiro Tsushima, MD; Toral R. Patel, MD; Jayakumar Sahadevan, MD

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

This case report describes a patient with a history of remote coronary artery bypass grafting, heart failure with reduced ejection fraction, and poorly controlled insulin-dependent diabetes who presented with acute decompensated heart failure.

Atrioventricular Dissociation in a Heart Transplant Recipient

Joel Morillo, MD; Eusebio García-Izquierdo Jaén, MD; Ignacio Fernández Lozano, PhD

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

JAMA Intern Med. 2021;181(4):544-545. doi:10.1001/jamainternmed.2020.8889

This case report describes a patient with a recent heart transplant who presented with syncope followed by asystole.

An Unusual Case of Chest Pain With Wide Complex Arrhythmia—No Stents Needed

Usman A. Hasnie, MD; Haren Patel, MD; Harish Doppalapudi, MD

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

JAMA Intern Med. 2021;181(4):546-547. doi:10.1001/jamainternmed.2020.8999

This case report describes the electrocardiographic findings of a current smoker in their 50s with uncontrolled hypertension who presented with acute substernal chest pain and shortness of breath.

Comment & Response

What to Do With Sideline Guilt

Calvin S. Bruce, MD

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

FREE *JAMA Intern Med.* 2021;181(4):565. doi:10.1001/jamainternmed.2020.6523

What to Do With Sideline Guilt

Henry S. Kahn, MD

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

FREE *JAMA Intern Med.* 2021;181(4):565. doi:10.1001/jamainternmed.2020.6529

What to Do With Sideline Guilt—Reply

David B. Reuben, MD

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

FREE *JAMA Intern Med.* 2021;181(4):565-566. doi:10.1001/jamainternmed.2020.6526

Negative Conversion Rate of SARS-CoV-2 Infection

Ruiyuan Zhang, MM; Huiying Liang, PhD; Jinling Tang, PhD

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

FREE *JAMA Intern Med.* 2021;181(4):566. doi:10.1001/jamainternmed.2020.7201

Negative Conversion Rate of SARS-CoV-2 Infection—Reply

Seungjae Lee, MD; Tark Kim, MD, PhD; Eunjung Lee, MD, PhD

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

FREE *JAMA Intern Med.* 2021;181(4):566-567. doi:10.1001/jamainternmed.2020.7204

Substitution of Generic Drugs and Biosimilars

Sang Kyu Cho, PharmD, MPH, PhD; Hankyung Jun, MA, MPA

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

JAMA Intern Med. 2021;181(4):567-568. doi:10.1001/jamainternmed.2020.8561

Health Care Policy and Law

Substitution of Generic Drugs and Biosimilars—Reply

Ameet Sarpatwari, PhD, JD; Aaron S. Kesselheim, MD, JD, MPH; Chana A. Sacks, MD, MPH

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

JAMA Intern Med. 2021;181(4):568. doi:10.1001/jamainternmed.2020.8564

Possible Immortal Time Bias in Study of Antibiotic Treatment and Outcomes in Patients Hospitalized for Asthma

Thomas B. Newman, MD, MPH

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

JAMA Intern Med. 2021;181(4):568-569. doi:10.1001/jamainternmed.2020.7602

Editorial

Antibiotic Treatment for Inpatient Asthma Exacerbations: What Have We Learned?

Thomas B. Newman, MD, MPH

Notice of Retraction and Replacement. Stefan et al. Association of antibiotic treatment with outcomes in patients hospitalized for an asthma exacerbation treated with systemic corticosteroids. *JAMA Intern Med.* 2019;179(3):333-340

Mihaela S. Stefan, MD, PhD; Penelope S. Pekow, PhD; Peter K. Lindenauer, MD, MSc

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

FREE *JAMA Intern Med.* 2021;181(4):569-570. doi:10.1001/jamainternmed.2020.7599

Notice of Retraction and Replacement. Stefan et al. Association of antibiotic treatment with outcomes in patients hospitalized for an asthma exacerbation treated with systemic corticosteroids. *JAMA Intern Med.* 2019;179(3):333-340.

Editorial

Antibiotic Treatment for Inpatient Asthma Exacerbations: What Have We Learned?

Thomas B. Newman, MD, MPH

Correction

Error in Quiz Answer Option

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

FREE *JAMA Intern Med.* 2021;181(4):570. doi:10.1001/jamainternmed.2020.8212

Incorrect Answer in CME Online Quiz Questions

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

FREE *JAMA Intern Med.* 2021;181(4):570. doi:10.1001/jamainternmed.2020.8943

Errors in Degree Symbols and Descriptors

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

FREE *JAMA Intern Med.* 2021;181(4):570. doi:10.1001/jamainternmed.2020.8975

Error in Author Surname

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FREE *JAMA Intern Med.* 2021;181(4):570. doi:10.1001/jamainternmed.2020.8976

Editor's Note

Filtration Efficiency of Face Masks Used by the Public During the COVID-19 Pandemic

Robert Steinbrook, MD

Replacement of Nonauthor Collaborator Names

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Authors

- Sarah Burm
- Saad Chahine
- Mark Goldszmidt
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- Published: 19 October 2020
- Pages: 881 - 887

6. [**Perceptions of Patient-Provider Communication Across the Six Largest Asian Subgroups in the USA**](#)

Authors

- James B. Kirby
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- Rosalie A. Torres Stone
- Content type: Original Research
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7. [**“Eyes in the Home”: Addressing Social Complexity in Veterans Affairs Home-Based Primary Care**](#)

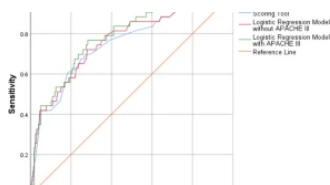
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- Avery Laliberte
- Samuel T. Edwards
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8. [**A Simple Scoring Tool to Predict Medical Intensive Care Unit Readmissions Based on Both Patient and Process Factors**](#)

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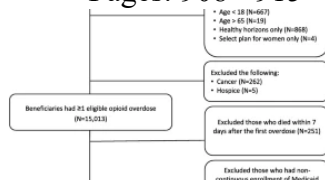
- Nirav Haribhakti
- Pallak Agarwal
- Anthony T. Scardella
- Content type: Original Research
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9. [Predicting Mortality Risk After a Hospital or Emergency Department Visit for Nonfatal Opioid Overdose](#)

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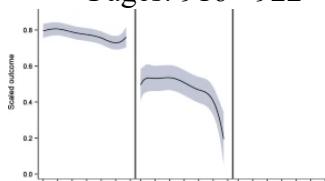
- Jingchuan Guo
- Wei-Hsuan Lo-Ciganic
- Walid F. Gellad
- Content type: Original Research
- Published: 22 January 2021
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10. [Change in Health Literacy over a Decade in a Prospective Cohort of Community-Dwelling Older Adults](#)

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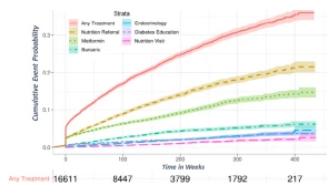
- Laura M. Curtis
- Mary J. Kwasny
- Michael S. Wolf
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11. [Treatment of Patients with Prediabetes in a Primary Care Setting 2011–2018: an Observational Study](#)

Authors (first, second and last of 6)

- Sidra L. Speaker
- Radhika Rastogi
- Michael B. Rothberg
- Content type: Original Research
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12. [Prevalence and Medication Treatment of Opioid Use Disorder Among Primary Care Patients with Hepatitis C and HIV](#)

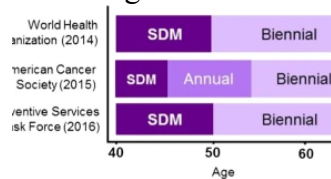
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- Mary A. Akosile
- Katharine A. Bradley
- Content type: Original Research
- Published: 10 February 2021
- Pages: 930 - 937

13. [Engaging Women with Limited Health Literacy in Mammography Decision-Making: Perspectives of Patients and Primary Care Providers](#)

Authors (first, second and last of 6)

- Christine M. Gunn
- Ariel Maschke
- Tracy A. Battaglia
- Content type: Original Research
- Published: 15 September 2020
- Pages: 938 - 945



14. [Association of Secure Messaging with Primary Care In-Person and Telephone Visits Among Veterans: a Matched Difference-in-Difference Analysis](#)

Authors (first, second and last of 6)

- Amy M. J. O'Shea
- Adam Batten
- Peter J. Kaboli
- Content type: Original Research
- Published: 02 February 2021
- Pages: 946 - 951

15. [A Patient Portal-Based Commitment Device to Improve Adherence with Screening for Colorectal Cancer: a Retrospective Observational Study](#)

Authors (first, second and last of 9)

- History of colorectal cancer
N=16
- Not a KP Member at Index Date
N=924

Authors (first, second and last of 5)

-
- Figure 2 is a heatmap showing the log2 fold change values for the 100 most differentially expressed genes across five conditions: Pain, Breathing, Convulsions, and Seizures. The heatmap is organized into four main sections, one for each condition. Each section contains two rows of data. The color scale ranges from -10.0 (blue) to 10.0 (red). The values for each gene are displayed as text within the heatmap cells.
- | Condition | Row 1 | Row 2 |
|-------------|--|--|
| Pain | 83.7 (85.5, 85.9)
76.3 (73.9, 77.7)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) | 80.1 (82.4, 83.8)
73.1 (72.3, 74.8)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) |
| Breathing | 83.7 (85.5, 85.9)
76.3 (73.9, 77.7)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) | 80.1 (82.4, 83.8)
73.1 (72.3, 74.8)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) |
| Convulsions | 83.7 (85.5, 85.9)
76.3 (73.9, 77.7)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) | 80.1 (82.4, 83.8)
73.1 (72.3, 74.8)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) |
| Seizures | 83.7 (85.5, 85.9)
76.3 (73.9, 77.7)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) | 80.1 (82.4, 83.8)
73.1 (72.3, 74.8)
82.7 (80.5, 87.4)
79.7 (77.4, 79.8)
80.1 (82.4, 83.8)
73.1 (72.3, 74.8) |

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-
- ```

graph TD
 A[1,000 visits] --> B[442 major primary care visits (not at Veterans Affairs)]
 A --> C[447 major primary care visits (not at Veterans Affairs)]
 B --> D[Included in screening visits (n=215)
- Included in all other visits (n=227)
- Excluded in screening visits (n=112)
- General practice (n=64)
- General surgery (n=48)
- ER (n=100)]
 C --> E[447 visits
- Included in all other visits (n=215)
- Included in screening visits (n=232)
- General practice (n=125)
- General surgery (n=107)
- Cardiac care (n=13)
- ER (n=142)]
 E --> F[447 visits
- Included in all other visits (n=215)
- Included in screening visits (n=232)
- General practice (n=125)
- General surgery (n=107)
- Cardiac care (n=13)
- ER (n=142)]
 F --> G[447 visits
- Included in all other visits (n=215)
- Included in screening visits (n=232)
- General practice (n=125)
- General surgery (n=107)
- Cardiac care (n=13)
- ER (n=142)]

```
- Inclusion:**
- The primary care visits generated by a randomly selected case generator were used (n=1,000)
  - The Veterans Affairs primary care visits were excluded (n=558)
  - The Veterans Affairs primary care visits were excluded (n=558)
  - Not continuously enrolled in Medicaid (n=3,202)
- 442 major primary care visits (not at Veterans Affairs)**
- Inclusion:**
- Included in screening visits (n=215)
  - Included in all other visits (n=227)
  - Excluded in screening visits (n=112)
  - General practice (n=64)
  - General surgery (n=48)
  - ER (n=100)
- 447 major primary care visits (not at Veterans Affairs)**
- Inclusion:**
- Included in screening visits (n=232)
  - General practice (n=125)
  - General surgery (n=107)
  - Cardiac care (n=13)
  - ER (n=142)
- 447 visits**
- Inclusion:**
- Included in all other visits (n=215)
  - Included in screening visits (n=232)
  - General practice (n=125)
  - General surgery (n=107)
  - Cardiac care (n=13)
  - ER (n=142)
- 447 visits**
- Inclusion:**
- Included in all other visits (n=215)
  - Included in screening visits (n=232)
  - General practice (n=125)
  - General surgery (n=107)
  - Cardiac care (n=13)
  - ER (n=142)
- 447 visits**
- Inclusion:**
- Included in all other visits (n=215)
  - Included in screening visits (n=232)
  - General practice (n=125)
  - General surgery (n=107)
  - Cardiac care (n=13)
  - ER (n=142)

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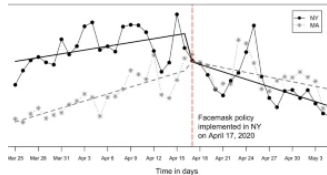
- Erin M. Staab
- Marshall H. Chin
- Content type: Original Research
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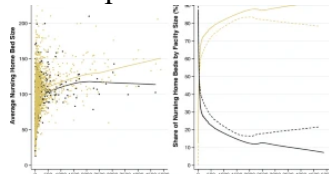


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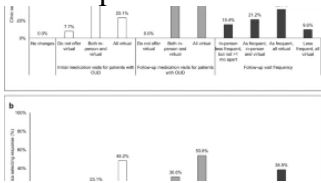
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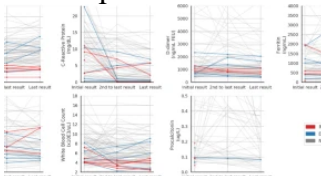
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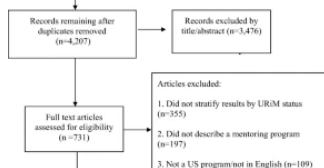


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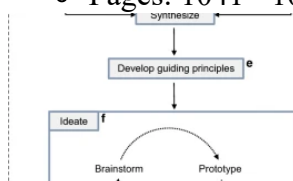
**Authors**

- Annie Massart
- Daniel P. Hunt
- Content type: Review Paper
- Published: 19 January 2021
- Pages: 1035 - 1040

27. [\*\*Approach to Human-Centered, Evidence-Driven Adaptive Design \(AHEAD\) for Health Care Interventions: a Proposed Framework\*\*](#)

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- Nadia Safaeinili
- Donna M. Zulman
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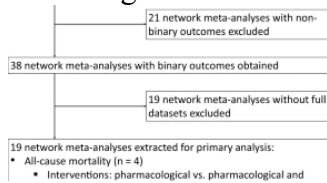


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- Aiwen Xing
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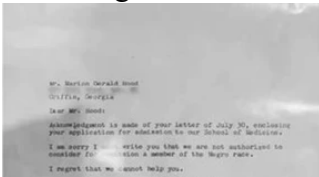
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- Sarah Merriam
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- Content type: Perspective
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34. [\*\*Here, but Apart During COVID-19: Bringing Connection and Empathy to the Socially Distant Family Meeting\*\*](#)

**Authors**

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- Margaret A. Cramer
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**Authors**

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- Linda M. Harris
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- Published: 22 January 2021
- Pages: 1084 - 1085

36. [\*\*Continuing Research During a Crisis\*\*](#)

**Authors**

- Kurt Kroenke
- Matthew J. Bair
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**Authors**

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- Inginia Genao
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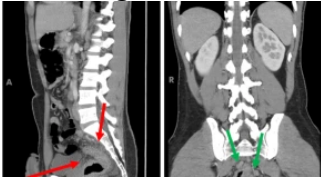
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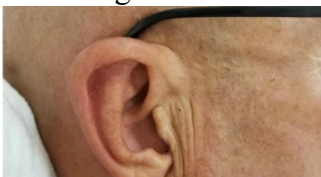
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- Niharika Mallepally
- Lee B. Lu
- Content type: Clinical Vignette
- Published: 19 January 2021
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**Authors**

- Arturo Gasga
- Binh An P. Phan
- Content type: Clinical Image
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**Authors**

- Laura B. Vater
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**Authors**

- Jeffrey M Kowaleski
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- Published: 09 February 2021
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45. [Letter to the Editor: Eradicating Jargon-Oblivion—A Proposed Classification System of Medical Jargon](#)

**Authors**

- Juan N. Lessing
- Yasmin Yazdani Farsad
- Ethan Cumbler
- Content type: Letter to the Editor
- Published: 27 January 2021
- Pages: 1111 - 1111

46. [Response to Letter to the Editor Re: Eradicating Jargon-Oblivion—a Proposed Classification System of Medical Jargon](#)

**Authors**

- Michael B. Pitt
- Marissa A. Hendrickson
- Content type: Letter to the Editor
- Published: 27 January 2021
- Pages: 1112 - 1112

47. [Letter to the Editor in Response to Khazanchi et al.](#)

**Authors (first, second and last of 4)**

- Aditi Nayak
- Shabatun J. Islam
- Arshed A. Quyyumi
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## Authors

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- Ishani Ganguli
- Content type: Letter to the Editor
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## Authors

- Marie V. Plaisime
- Jessica P. Cerdeña
- Content type: Letter to the Editor
- Published: 27 January 2021
- Pages: 1117 - 1118

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## Authors

- Nientara Anderson
- Dowin Boatright
- Anna Reisman
- Content type: Letter to the Editor
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## Volume 36, issue 4, April 2021

71 articles in this issue

### 1. [Patient Safety–Related Incidents and Daylight Saving Time Transitions](#)

#### Authors

- Muhammad A. Rishi
- Saleha Chaudhry

- Content type: Letter to the Editor
- Published: 27 January 2021
- Pages: 1120 - 1120

## 2. [Patient safety related incidents and daylight savings time transitions](#)

### **Authors (first, second and last of 4)**

- Bhanu Prakash Kolla
- Brandon J. Coombes
- Meghna P. Mansukhani
- Content type: Letter to the Editor
- Published: 26 January 2021
- Pages: 1121 - 1121

## 3. [Perspectives on Deprescribing Communication in Primary Care](#)

### **Authors (first, second and last of 14)**

- Ariel R. Green
- Cynthia M. Boyd
- Elizabeth A. Bayliss
- Content type: Letter to the Editor
- Published: 11 January 2021
- Pages: 1122 - 1122

## 4. [Masks Reduce Viral Inoculum of SARS-CoV-2](#)

### **Authors**

- Alok Bhargava
- Content type: Letter to the Editor
- Published: 11 January 2021
- Pages: 1123 - 1123

This is part of 1 collection:

## 5. [Masks Reduce Viral Inoculum of SARS-CoV2](#)

### **Authors**

- Monica Gandhi
- Chris Beyrer
- Eric Goosby
- Content type: Letter to the Editor
- Published: 22 January 2021
- Pages: 1124 - 1125

This is part of 1 collection:

## 6. [Racial, Ethnic, and Income-Based Disparities in Health Care–Related Trust](#)

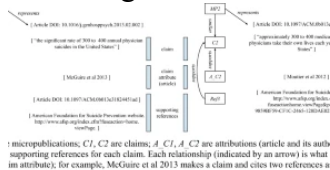
### **Authors**

- Jessica Greene
- Sharon K. Long
- Content type: Concise Research Report
- Published: 25 January 2021
- Pages: 1126 - 1128

## 7. [Finding the Evidence Base Using Citation Networks: Do 300 to 400 US Physicians Die by Suicide Annually?](#)

### Authors (first, second and last of 4)

- Tiffany I. Leung
- Sima Pendharkar
- Michel Dumontier
- Content type: Concise Research Report
- Published: 27 May 2020
- Pages: 1129 - 1131



## 8. [From the #MeToo Frontlines: Incoming Interns Report a Breadth of Experiences Related to Sexual Harassment in Medical School](#)

### Authors

- Emmanuelle Yecies
- Melissa McNeil
- Content type: Concise Research Report
- Published: 08 June 2020
- Pages: 1132 - 1133

## 9. [Gout Treatment in the USA from 2009 to 2016: A Repeated Cross-sectional Analysis](#)

### Authors (first, second and last of 4)

- Yu Pei Chock
- Joseph S. Ross
- Taeho Greg Rhee
- Content type: Concise Research Report
- Published: 10 June 2020
- Pages: 1134 - 1136

## 10. [Association Between Effectiveness of Care Quality Ratings and Insurer Characteristics in the Health Insurance Marketplaces](#)

### Authors (first, second and last of 4)

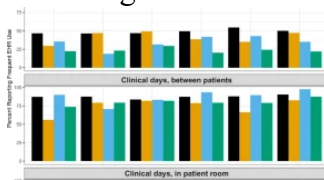
- David Anderson

- Sih-Ting Cai
- Coleman Drake
- Content type: Concise Research Report
- Published: 28 September 2020
- Pages: 1137 - 1139

## 11. [Use of Electronic Health Records on Days Off: Comparing Physicians to Other EHR Users](#)

**Authors (first, second and last of 5)**

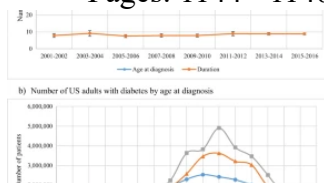
- Nate C. Apathy
- Christopher A. Harle
- Nir Menachemi
- Content type: Concise Research Report
- Published: 03 August 2020
- Pages: 1140 - 1143



## 12. [Trends in Age at Diagnosis of Type 2 Diabetes Among US Adults from 2001 to 2016](#)

**Authors (first, second and last of 6)**

- Phuc Le
- Lu Zhang
- Michael B. Rothberg
- Content type: Concise Research Report
- Published: 19 March 2020
- Pages: 1144 - 1146



## 13. [Factors Associated with Hospital-Acquired Delirium in Patients 18–65 Years Old](#)

**Authors (first, second and last of 4)**

- Nidhi Rohatgi
- Yingjie Weng
- Maarten G. Lansberg
- Content type: Concise Research Report
- Published: 08 January 2021
- Pages: 1147 - 1149

14. **Characteristics of Younger and Older Adults with Hospital-Acquired Delirium: a Claims Data Study Spanning 14 years**

**Authors (first, second and last of 4)**

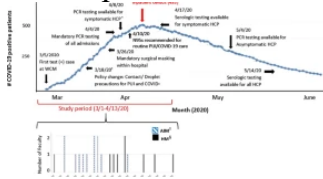
- o Nidhi Rohatgi
- o Yingjie Weng
- o Maarten G. Lansberg
- o Content type: Concise Research Report
- o Published: 08 January 2021
- o Pages: 1150 - 1152

15. [COVID-19 Infections Among General Internal Medicine Faculty at a New York Teaching Hospital: a Descriptive Report](#)

**Authors (first, second and last of 6)**

- o Jennifer I. Lee
- o Brooke W. Bullington
- o Margaret L. McNairy
- o Content type: Concise Research Report
- o Published: 27 January 2021
- o Pages: 1153 - 1155

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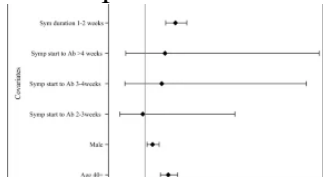


## 16. Demographic Characteristics of Adults with IgG Antibodies to Prior Symptomatic SARS-CoV-2 Infection

**Authors (first, second and last of 6)**

- o Mayce Mansour
- o Ania Wajnberg
- o Mount Sinai Convalescent Plasma Program Team
- o Content type: Concise Research Report
- o Published: 21 January 2021
- o Pages: 1156 - 1158

This is part of 1 collection:



## 17. Co-detection of SARS-CoV-2 with Secondary Respiratory Pathogen Infections

**Authors (first, second and last of 7)**

- Clifford L. Freeman
- Nathaniel M. Miller
- Michael J. Ward
- Content type: Concise Research Report
- Published: 27 January 2021
- Pages: 1159 - 1160

This is part of 1 collection:

18. [\*\*Outcomes among 6721 Hospitalized COVID-19 Patients across the New York City Public Hospital System: a Retrospective Cohort Study\*\*](#)

**Authors (first, second and last of 8)**

- Nicholas Caputo
- John Zhang
- NYC Health + Hospitals COVID-19 Emergency Medicine Investigator Group
- Content type: Concise Research Report
- Published: 26 January 2021
- Pages: 1161 - 1163

This is part of 1 collection:

19. [\*\*COVID-19 Serologic Testing Among the Highest Risk Healthcare Workers\*\*](#)

**Authors (first, second and last of 6)**

- Snehal Gandhi
- Christine C. Winn
- Brian W. Roberts
- Content type: Concise Research Report
- Published: 19 January 2021
- Pages: 1164 - 1165

This is part of 1 collection:

20. [\*\*Patient Characteristics Associated with Telemedicine Use at a Large Academic Health System Before and After COVID-19\*\*](#)

**Authors (first, second and last of 7)**

- Preeti Kakani
- Andrea Sorensen
- Catherine A. Sarkisian
- Content type: Concise Research Report
- Published: 27 January 2021
- Pages: 1166 - 1168

This is part of 1 collection:

21. [\*\*Voting Behavior of Physicians and Healthcare Professionals\*\*](#)

**Authors**

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- Content type: Concise Research Report
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|                                   | 0.88 (0.83, 0.90) | 3,009 |
| <b>Other Health Professionals</b> |                   |       |
| Dentist                           | 0.77 (0.66, 0.88) | 585   |
| Pharmacist                        | 0.98 (0.96, 1.00) | 945   |
| Registered Nurse                  | 0.90 (0.87, 0.93) | 5,222 |
| Physician Assistant               | 0.89 (0.78, 1.00) | 342   |
| <b>Other Professionals</b>        |                   |       |
| Postsecondary Teacher             | 1.18 (1.14, 1.21) | 4,571 |
| Chief Executive                   | 1.06 (1.03, 1.09) | 5,658 |
| Civil Engineer                    | 1.11 (1.04, 1.17) | 1,198 |
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[Previous page](#)

- 
- [1](#)
- [2](#)



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April 2021 - Volume 59 - Issue 4

pp: 281-367

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## ☐ Editorial

Diminishing Racial Disparities in Survival After In-Hospital Cardiac Arrests: Clarion Call to Further Test and Harness the Power of “One” ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Diminishing\\_Racial\\_Disparities\\_in\\_Survival\\_After.1.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Diminishing_Racial_Disparities_in_Survival_After.1.aspx))

Millon-Underwood, Sandra

Medical Care. 59(4):281-282, April 2021.

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[Table of Contents Outline](#) | [Back to Top](#)

## ☐ From the States

The Effect of Supervision Waivers on Practice: A Survey of Massachusetts Nurse Practitioners During the COVID-19 Pandemic ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/The\\_Effect\\_of\\_Supervision\\_Waivers\\_on\\_Practice\\_\\_A.2.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/The_Effect_of_Supervision_Waivers_on_Practice__A.2.aspx))

O'Reilly-Jacob, Monica; Perloff, Jennifer

Medical Care. 59(4):283-287, April 2021.

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[Table of Contents Outline](#) | [Back to Top](#)

## ☐ Original Articles

Elective Surgical Delays Due to COVID-19: The Patient Lived Experience ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Elective\\_Surgical\\_Delays\\_Due\\_to\\_COVID\\_19\\_\\_The.3.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Elective_Surgical_Delays_Due_to_COVID_19__The.3.aspx))

Byrnes, Mary E.; Brown, Craig S.; De Roo, Ana C.; More

Medical Care. 59(4):288-294, April 2021.

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Racial/Ethnic Disparities in Patient Experiences With Health Care in Association With Earlier Stage at Colorectal Cancer Diagnosis: Findings From the SEER-CAHPS Data ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Racial\\_Ethnic\\_Disparities\\_in\\_Patient\\_Experiences.4.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Racial_Ethnic_Disparities_in_Patient_Experiences.4.aspx))

Farias, Albert J.; Toledo, Gabriela; Ochoa, Carol Y.; More  
Medical Care. 59(4):295-303, April 2021.

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The Effect of Medicare Shared Savings Program on Readmissions and Variations by Race/Ethnicity and Payer Status (December 9, 2020) ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/The\\_Effect\\_of\\_Medicare\\_Shared\\_Savings\\_Program\\_on.5.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/The_Effect_of_Medicare_Shared_Savings_Program_on.5.aspx))

Kim, Yeunkyung; Thirukumaran, Caroline; Temkin-Greener, Helena; More  
Medical Care. 59(4):304-311, April 2021.

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Ferrucci, Katarina A.; Walubita, Tubanji; Beccia, Ariel L.; More  
Medical Care. 59(4):312-318, April 2021.

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Kern, Lisa M.; Ringel, Joanna B.; Rajan, Mangala; More  
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Family Caregiver Training Needs and Medicare Home Health Visit Utilization ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Family\\_Caregiver\\_Training\\_Needs\\_and\\_Medicare\\_Home.11.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Family_Caregiver_Training_Needs_and_Medicare_Home.11.aspx))

Burgdorf, Julia G.; Stuart, Elizabeth A.; Arbaje, Alicia I.; More  
Medical Care. 59(4):341-347, April 2021.

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The Effects of Accountable Care Organizations Forming Preferred Skilled Nursing Facility Networks on Market Share, Patient Composition, and Outcomes (<https://journals.lww.com/lww->

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Complex Patients Have More Emergency Visits: Don’t Punish the Systems That Serve Them ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Complex\\_Patients\\_Have\\_More\\_Emergency\\_Visits\\_\\_Don\\_t.14.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Complex_Patients_Have_More_Emergency_Visits__Don_t.14.aspx))

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Table of Contents Outline | [Back to Top](#)

 Brief Reports

Availability of Outpatient Telemental Health Services in the United States at the Outset of the COVID-19 Pandemic ([https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Availability\\_of\\_Outpatient\\_Telemental\\_Health.7.aspx](https://journals.lww.com/lww-medicalcare/Fulltext/2021/04000/Availability_of_Outpatient_Telemental_Health.7.aspx))

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-  Abstract
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Table of Contents Outline | [Back to Top](#)  
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NEXT ISSUE ▶

April 1, 2021

VOL. 384 NO. 13  [Audio Summary](#) ▼

**View Current Issue**

[May 13, 2021 Vol. 384 No. 19](#)

[Browse Full Issue Index »](#)

**PERSPECTIVE**

**A Half-Century of Progress in Health: The National Academy of Medicine at 50: Emerging Infectious Diseases — Learning from the Past and Looking to the Future**

C. Elias, J.N. Nkengasong, and F. Qadri

1181-1184  



**Ensuring That LGBTQI+ People Count — Collecting Data on Sexual Orientation, Gender Identity, and Intersex Status**

K.E. Baker, C.G. Streed, Jr., and L.E. Durso

1184-1186



# History of Medicine: “To Mitigate the Afflictions of the Human Race” — The Legacy of Dr. Rebecca Crumpler

P. Klass

1186-1189 FREE

## ORIGINAL ARTICLES

# Adjuvant Nivolumab in Resected Esophageal or Gastroesophageal Junction Cancer

R.J. Kelly and Others

1191-1203 CME  

# Sotatercept for the Treatment of Pulmonary Arterial Hypertension

M. Humbert and Others

1204-1215

# Lumasiran, an RNAi Therapeutic for Primary Hyperoxaluria Type 1

S.F. Garrelfs and Others

1216-1226 

# Trial of Upadacitinib and Adalimumab for Psoriatic Arthritis

I.B. McInnes and Others

1227-1239 CME 

# Brief Report: Ebola Virus Transmission Initiated by Relapse of Systemic Ebola Virus Disease



P. Mbala-Kingebeni and Others

1240-1247 FREE

## CLINICAL PRACTICE

### Glucose-Lowering Drugs to Reduce Cardiovascular Risk in Type 2 Diabetes

R.R. Kalyani



1248-1260 CME  

## IMAGES IN CLINICAL MEDICINE

### Talaromycosis

T. Norasethasopon and L. Boonyagars



1261

### Intrapericardial Colon

R. Kassir



e49

## INTERACTIVE MEDICAL CASE

### Casting a Wide Net

A. Cohn, M. Nehs, J. Chan, and A. Vaidya



e50 CME MOC 

## CLINICAL PROBLEM-SOLVING

## Stalking the Diagnosis

D.J. Minter, M. Richie, P. Kumthekar, and H. Hollander



1262-1267 

### EDITORIALS

## Adjuvant Nivolumab in Esophageal Cancer — A New Standard of Care

D.H. Ilson



1269-1271

## Molecular Rescue in Pulmonary Arterial Hypertension

J.H. Newman



1271-1272

## Audio Interview: Delivering Covid-19 Vaccines to Minority Communities

E.J. Rubin, L.R. Baden, C. Del Rio, C. Akusobi, and S. Morrissey



e60 FREE 

### CORRESPONDENCE

## Delayed Large Local Reactions to mRNA-1273 Vaccine against SARS-CoV-2



1273-1277 FREE

## More on Racial Bias in Pulse Oximetry Measurement



1278 FREE

## Oral Azacitidine Maintenance for Acute Myeloid Leukemia



e51

CORRECTION

## Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke



1278 FREE

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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

April 8, 2021

VOL. 384 NO. 14  [Audio Summary](#) ▼

**View Current Issue**

[May 13, 2021 Vol. 384 No. 19](#)

**[Browse Full Issue Index »](#)**

**PERSPECTIVE**

## From Vaccine Nationalism to Vaccine Equity — Finding a Path Forward

I.T. Katz, R. Weintraub, L.-G. Bekker, and A.M. Brandt



1281-1283 **FREE**  

## Vancomycin Infusion Reaction — Moving beyond “Red Man Syndrome”

S. Alvarez-Arango, S.M. Ogunwole, T.D. Sequist, C.M. Burk, and K.G. Blumenthal



1283-1286

## Beyond the Rubble of Lake Street — Minds in Crisis in a City in Crisis

R. Grossman-Kahn



1286-1287 FREE

### ORIGINAL ARTICLES

## Lenvatinib plus Pembrolizumab or Everolimus for Advanced Renal Cell Carcinoma

R. Motzer and Others



1289-1300 CME  

## Lower or Higher Oxygenation Targets for Acute Hypoxemic Respiratory Failure

O.L. Schjørring and Others



1301-1311 

## Glycemic Index, Glycemic Load, and Cardiovascular Disease and Mortality

D.J.A. Jenkins and Others



1312-1322

## Sutimlimab in Cold Agglutinin Disease

A. Röth and Others



1323-1334

### REVIEW ARTICLE

## Vestibular Schwannomas

M.L. Carlson and M.J. Link



1335-1348 CME

### IMAGES IN CLINICAL MEDICINE

## Ulceroglandular Tularemia

M. Buettcher and C. Imbimbo



1349

## Sunken Nose

R. Zonozi and J.L. Niles



e52

### CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

## Case 10-2021: A 70-Year-Old Man with Depressed Mood, Unsteady Gait, and Urinary Incontinence

F. Marouf, M. Glover, B. Wininger, and W.T. Curry



1350-1358 CME

### EDITORIALS

## A Step Ahead in Metastatic Renal Cell Carcinoma

A. Ravaud



1360-1361

## Effect of Oxygen Therapy on Mortality in the ICU

P.J. Young



1361-1363

## Audio Interview: Antibody Responses to Natural Infection and Vaccination

E.J. Rubin, L.R. Baden, and S. Morrissey



e65 FREE 

### CLINICAL IMPLICATIONS OF BASIC RESEARCH

## Base Editing in Progeria

J.-S. Kim and M. Eriksson



1364-1366

### MEDICINE AND SOCIETY

## Escaping Catch-22 — Overcoming Covid Vaccine Hesitancy

L. Rosenbaum



1367-1371 FREE

### CORRESPONDENCE

## Antibody Responses in Seropositive Persons after a Single Dose of SARS-CoV-2 mRNA Vaccine



1372-1374 FREE

Sitagliptin for Prophylaxis of Acute Graft-versus-Host Disease



1374-1376

Pathophysiology of Inflammatory Bowel Diseases



1376-1378

The Rapid Rise in Cutaneous Melanoma Diagnoses



e54

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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

April 15, 2021

VOL. 384 NO. 15  [Audio Summary](#) ▼

**View Current Issue**

[May 13, 2021 Vol. 384 No. 19](#)

**[Browse Full Issue Index »](#)**

**PERSPECTIVE**

## No More Surprises — New Legislation on Out-of-Network Billing

K.R. Chhabra, E. Fuse Brown, and A.M. Ryan



1381-1383 

## Remote Patient Monitoring — Overdue or Overused?

K. Mecklai, N. Smith, A.D. Stern, and D.B. Kramer



1384-1386

## History of Medicine: Race, Policing, and History — Remembering the Freedom House Ambulance Service

M.L. Edwards



1386-1389 FREE

### ORIGINAL ARTICLES

## Hypothermic Machine Perfusion in Liver Transplantation — A Randomized Trial

R. van Rijn and Others



1391-1401 CME 

## Trial of Psilocybin versus Escitalopram for Depression

R. Carhart-Harris and Others



1402-1411 CME 

## BNT162b2 mRNA Covid-19 Vaccine in a Nationwide Mass Vaccination Setting

N. Dagan and Others



1412-1423 FREE

## Dexmedetomidine or Propofol for Sedation in Mechanically Ventilated Adults with Sepsis

C.G. Hughes and Others



1424-1436

### REVIEW ARTICLE

# Insights into Glomerular Filtration and Albuminuria

T. Benzing and D. Salant



1437-1446

## IMAGES IN CLINICAL MEDICINE

### Palmoplantar Papules

B. Klein and R. Treudler



1447

### Closed Gastroschisis

T.D. Robinson and C. Whyte



e56

## CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

### Case 11-2021: A 39-Year-Old Woman with Fever, Flank Pain, and Inguinal Lymphadenopathy

R.C. Charles, M. Sertic, A.M. Neilan, and A.R. Sohani



1448-1456 CME

## EDITORIALS

### Warming Up to Cold Perfusion

W.W. Williams and J.F. Markmann



1458-1459

## Back to the Future — The Therapeutic Potential of Psychedelic Drugs

J.A. Lieberman



1460-1461

## Audio Interview: Vaccine Successes and Vaccine Adverse Events

E.J. Rubin, L.R. Baden, and S. Morrissey



e70 FREE 

### MEDICINE AND SOCIETY

## No Cure without Care — Soothing Science Skepticism

L. Rosenbaum



1462-1465 FREE

### CORRESPONDENCE

## Neutralizing Activity of BNT162b2-Elicited Serum



1466-1468 FREE

## Serum Neutralizing Activity Elicited by mRNA-1273 Vaccine



1468-1470 FREE

Cardiovascular Outcomes with Sotagliflozin

+

1470-1473

Tocilizumab in Patients Hospitalized with Covid-19 Pneumonia

+

1473-1474   FREE

Phase 3 Trial of Interleukin-1 Trap Rilonacept in Recurrent Pericarditis

+

1474-1476

Ewing’s Sarcoma

+

1476-1478

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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

April 22, 2021

VOL. 384 NO. 16  [Audio Summary](#) ▼

**View Current Issue**

[May 13, 2021 Vol. 384 No. 19](#)

[Browse Full Issue Index »](#)

**PERSPECTIVE**

## Advancing President Biden's Equity Agenda — Lessons from Disparities Work

N.K. Aggarwal



1481-1483 **FREE**  

## An Uncertain Public — Encouraging Acceptance of Covid-19 Vaccines

G.K. SteelFisher, R.J. Blendon, and H. Caporello



1483-1487 **FREE**

**Nanima**

M. Juthani-Mehta



1488-1489 FREE

ORIGINAL ARTICLES

**Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19**

The REMAP-CAP Investigators



1491-1502 FREE 

**Tocilizumab in Hospitalized Patients with Severe Covid-19 Pneumonia**

I.O. Rosas and Others



1503-1516 FREE CME 

**A Microbiota-Directed Food Intervention for Undernourished Children**

R.Y. Chen and Others



1517-1528 FREE

**Sacituzumab Govitecan in Metastatic Triple-Negative Breast Cancer**

A. Bardia and Others



1529-1541 

CLINICAL PRACTICE

## Adrenal Incidentaloma

E. Kebebew



1542-1551 CME

### IMAGES IN CLINICAL MEDICINE

## Orf

C.S. Qiu and A.F. Yanes



1552

## Striae and an Adrenal Mass

J.H. Yo and S. Gandhi



e57

### CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

## Case 12-2021: A 78-Year-Old Man with a Rash on the Scalp and Face

M.K. Yoon and Others



1553-1562 CME

### EDITORIALS

## Interleukin-6 Receptor Inhibition in Covid-19 — Cooling the Inflammatory Soup

E.J. Rubin, D.L. Longo, and L.R. Baden



1564-1565 FREE



## Microbial Nourishment for Undernutrition

W.S. Garrett



1566-1567

## Audio Interview: Covid-19 Vaccines and Pregnancy — A Conversation with CDC Director Rochelle Walensky

E.J. Rubin, L.R. Baden, R.P. Walensky, and S. Morrissey



e73 FREE 

### CLINICAL IMPLICATIONS OF BASIC RESEARCH

## Preparing for the Future — Nanobodies for Covid-19?

R. Sasisekharan



1568-1571 FREE

### CORRESPONDENCE

## Platform Trials — Beware the Noncomparable Control Group



1572-1573 FREE

## Disposable E-Cigarette Use among U.S. Youth — An Emerging Public Health Challenge



1573-1576 FREE

Safety and Efficacy of the BNT162b2 mRNA Covid-19 Vaccine

+

1576-1578   FREE

Antenatal Dexamethasone for Early Preterm Birth in Low-Resource Countries

+

e58

Cytokine Storm

+

e59   FREE

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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

April 29, 2021

VOL. 384 NO. 17  [Audio Summary](#) ▼

**View Current Issue**

[May 13, 2021 Vol. 384 No. 19](#)

[Browse Full Issue Index »](#)

**PERSPECTIVE**

## Australian Firearm Regulation at 25 — Successes, Ongoing Challenges, and Lessons for the World

J. Negin, P. Alpers, N. Nassar, and D. Hemenway

1581-1583  



## Vaccination plus Decarceration — Stopping Covid-19 in Jails and Prisons

B.A. Barsky, E. Reinhart, P. Farmer, and S. Keshavjee



1583-1585 **FREE**

## Zoom Family Meeting

T.H. Lee



1586-1587

## Leveraging Open Science to Accelerate Research

K.T. Kadakia, A.L. Beckman, J.S. Ross, and H.M. Krumholz



e61 FREE

## Choices in a Crisis — Individual Preferences among SARS-CoV-2 Vaccines

D.B. Kramer, D.J. Opel, E. Parasidis, and M.M. Mello



e62 FREE

### ORIGINAL ARTICLES

## Vadadustat in Patients with Anemia and Non–Dialysis-Dependent CKD

G.M. Chertow and Others



1589-1600 CME  

## Safety and Efficacy of Vadadustat for Anemia in Patients Undergoing Dialysis

K.-U. Eckardt and Others



1601-1612

## Oncolytic HSV-1 G207 Immunovirotherapy for Pediatric High-Grade Gliomas



G.K. Friedman and Others

1613-1622

## Tranexamic Acid for the Prevention of Blood Loss after Cesarean Delivery

L. Sentilhes and Others



1623-1634 CME 

### REVIEW ARTICLE

## Postpartum Hemorrhage

J.L. Bienstock, A.C. Eke, and N.A. Hueppchen



1635-1645 CME

### IMAGES IN CLINICAL MEDICINE

## Lucio's Phenomenon

M. Tajalli and C.G. Wambier



1646

## Pacemaker-Associated Superior Vena Cava Syndrome

A. Miller and J. Schneider



e63

### CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

## Case 13-2021: A Newborn Girl with a Neck Mass



1647-1655

## EDITORIALS

### Therapy for Anemia in Chronic Kidney Disease — New Interventions and New Questions

A. Levin



1657-1658

### Medical School Admissions — A Movable Barrier to Ending Health Care Disparities?

W.W. Williams



1659-1660 FREE

### Audio Interview: Advice for Clinicians on Covid-19 Vaccines and Social Restrictions

E.J. Rubin, L.R. Baden, and S. Morrissey



e77 FREE 

## SPECIAL REPORT

### Diversity of the National Medical Student Body — Four Decades of Inequities

D.B. Morris and Others



1661-1668 FREE

## CORRESPONDENCE

Effect of a Randomized, Controlled Trial on Surgery for Cervical Cancer



1669-1671

Spread of a Variant SARS-CoV-2 in Long-Term Care Facilities in England



1671-1673 FREE

Polypill in Persons without Cardiovascular Disease



1673-1677

Viable SARS-CoV-2 Shedding



1677-1678 FREE

Case 2-2021: A Pregnant Woman with Ventricular Tachycardia and Shock



e64

Open Schools, Covid-19, and Child and Teacher Morbidity in Sweden





April 2021 - Volume 137 - Issue 4

pp: 559-758,e94-e99

☰ Table of Contents Outline

☑ Subscribe to eTOC

☞ View Contributor Index (<https://journals.lww.com/greenjournal/pages/contributorindex.aspx?year=2021&issue=04000>)

## ☐ Contents

### Editorial

**Breastfeeding and Childhood IQ Scores: Association or Causation**  
([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Breastfeeding\\_and\\_Childhoc](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Breastfeeding_and_Childhoc)

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### Original Research



## Association of Breastfeeding and Child IQ Score at Age 5 Years

([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Association\\_of\\_Breastfeedin](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Association_of_Breastfeedin)

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-  Club (<http://journals.lww.com/greenjournal/pages/collectiondetails.aspx?TopicalCollectionId=252>)

## Disease Severity and Perinatal Outcomes of Pregnant Patients With Coronavirus Disease 2019 (COVID-19)

([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Disease\\_Severity\\_and\\_Perin](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Disease_Severity_and_Perin)

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-  **ABOG MOC II** (<https://www.abog.org/maintenance-of-certification/moc---four-parts/lifelong-learning-self-assessment/overview>)

## Abortion Waiting Periods and Decision Certainty Among People Searching Online for Abortion Care

([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Abortion\\_Waiting\\_Periods\\_](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Abortion_Waiting_Periods_)

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## Contraception Choice Among Those Seeking Abortion for Fetal Indication or Management of Pregnancy Loss

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## Medication Abortion With Pharmacist Dispensing of Mifepristone

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article-sam-container)

## Racial–Ethnic Comparison of Guideline-Adherent Gynecologic Cancer Care in an Equal-Access System

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- ⊕ In Brief
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Superior Hypogastric Plexus Block to Reduce Pain After Laparoscopic Hysterectomy: A Randomized Controlled Trial  
([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Superior\\_Hypogastric\\_Plexu](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Superior_Hypogastric_Plexu)

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([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Length\\_of\\_the\\_Second\\_Stag](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Length_of_the_Second_Stag)

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article-sam-container)

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([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Accuracy,\\_Clinical\\_Utility,\\_and\\_Usability\\_of\\_a\\_Wireless\\_Self-Guided\\_Fetal\\_Heart\\_Rate\\_Monitor](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Accuracy,_Clinical_Utility,_and_Usability_of_a_Wireless_Self-Guided_Fetal_Heart_Rate_Monitor))

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-  In Brief
-  Favorites
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-  Podcast (<https://journals.lww.com/greenjournal/pages/podcastepisodes.aspx?podcastid=6>)

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-  In Brief
-  Favorites
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article-sam-container)
-  Podcast (<https://journals.lww.com/greenjournal/pages/podcastepisodes.aspx?podcastid=6>)

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## Coronavirus Disease 2019 (COVID-19) and the Incidence of Obstetric and Gynecologic Emergency Department Visits in an Integrated Health Care System ([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Coronavirus\\_Disease\\_2019\\_](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Coronavirus_Disease_2019_)

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- ☆ Favorites
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## Maternal Colonization With Group B Streptococcus and the Risk for Infection After Cervical Ripening With a Transcervical Foley Catheter ([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Maternal\\_Colonization\\_With](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Maternal_Colonization_With)

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## Incidence of Abnormal Glucose Values After Delivery in Women With Gestational Diabetes Mellitus ([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Incidence\\_of\\_Abnormal\\_Glucose](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Incidence_of_Abnormal_Glucose)

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## Systematic Review

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## Current Commentary

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# Civil Disobedience and Abortion Services After *Roe v Wade*: Legal and Ethical Considerations

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Table of Contents Outline | Back to Top  
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- 1
- 2
- 

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- June 2021 - Volume 137 - Issue 6 (<https://journals.lww.com/greenjournal/pages/futuretoc.aspx?futuretocid=157>)

^Back to Top



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April 2021 - Volume 137 - Issue 4

pp: 559-758,e94-e99

☰ Table of Contents Outline

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## ☐ Contents

### Current Commentary

Double Discrimination, the Pay Gap in Gynecologic Surgery, and Its Association With Quality of Care  
([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Double\\_Discrimination,\\_the](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Double_Discrimination,_the)

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## Clinical Practice and Quality

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### Vaginal Hysterectomy Rates Before and After Implementation of a Multiple-Tier Intervention

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### Implementation of a Universal Screening Process for Substance Use in Pregnancy

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## Case Report

---

### Postpartum Recovery From Meningioma-Related Oculomotor Palsy

([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Postpartum\\_Recovery\\_From](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Postpartum_Recovery_From)

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-  In Brief
-  Favorites
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## Clinical Expert Series

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### Clinical Epidemiology and Management of Hidradenitis Suppurativa

([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Clinical\\_Epidemiology\\_and](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Clinical_Epidemiology_and)

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-  Abstract
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-  CME Quiz (<https://cme.lww.com/public/modules/14585>)

## Cochrane Review Summaries

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### Cochrane Review Summaries—April 2021

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[Table of Contents Outline](#) | [Back to Top](#)

## Departments

---

## Letters to the Editor

---

## Primary Dysmenorrhea: Diagnosis and Therapy

([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Primary\\_Dysmenorrhea\\_\\_D](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Primary_Dysmenorrhea__D)

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## Response to Letter

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## Corrections

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Severe Maternal Morbidity and Risk of Mortality Beyond the Postpartum Period: Correction  
([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Severe\\_Maternal\\_Morbidity](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Severe_Maternal_Morbidity)

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### ACOG Publications: April 2021

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[Table of Contents Outline](#) | [Back to Top](#)

## ☐ Online ACOG Publications

---

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([https://journals.lww.com/greenjournal/Fulltext/2021/04000/Caring\\_for\\_Patients\\_Who\\_I](https://journals.lww.com/greenjournal/Fulltext/2021/04000/Caring_for_Patients_Who_I)

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[Table of Contents Outline](#) | [Back to Top](#)

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- 
- 1
- 2

Show 20 results per page ▼ Show:  
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## Table of Contents April 01, 2021; Volume 147, Issue 4

### Articles

#### ✓ **Health Services Use by Children in the Welfare System Who Died by Suicide**

Donna A. Ruch, Danielle L. Steelesmith, Lynn A. Warner, Jeffrey A. Bridge, John V. Campo, Cynthia A. Fontanella  
Pediatrics, Apr 2021, 147 (4) e2020011585

 [PDF](#)

#### ✓ **Current Prescription Opioid Misuse and Suicide Risk Behaviors Among High School Students**

Natalie J. Wilkins, Heather Clayton, Christopher M. Jones, Melissa Brown  
Pediatrics, Apr 2021, 147 (4) e2020030601

 [PDF](#)

#### ✓ **Sociodemographic Factors and Outcomes by Intent of Firearm Injury**

Shilpa J. Patel, Gia M. Badolato, Kavita Parikh, Sabah F. Iqbal, Monika K. Goyal  
Pediatrics, Apr 2021, 147 (4) e2020011957

 [PDF](#)

## ✓ Perceived Access to Handguns Among Colorado High School Students

Ashley Brooks-Russell, Ming Ma, Sarah Brummett, Erin Wright-Kelly, Marian Betz

Pediatrics, Apr 2021, 147 (4) e2020015834

 [PDF](#)

## ✓ Pediatric Emergency Department Visits at US Children's Hospitals During the COVID-19 Pandemic

Amy M. DeLaroche, Jonathan Rodean, Paul L. Aronson, Eric W. Fleegler, Todd A. Florin, Monika Goyal, Alexander W. Hirsch, Shobhit Jain, Aaron E. Kornblith, Marion R. Sills, Jordee M. Wells, Mark I. Neuman

Pediatrics, Apr 2021, 147 (4) e2020039628

 [PDF](#)

## ✓ Incidence and Secondary Transmission of SARS-CoV-2 Infections in Schools

Kanecia O. Zimmerman, Ibukunoluwa C. Akinboyo, M. Alan Brookhart, Angelique E. Boutzoukas, Kathleen A. McGann, Michael J. Smith, Gabriela Maradiaga Panayotti, Sarah C. Armstrong, Helen Bristow, Donna Parker, Sabrina Zadrozny, David J. Weber, Daniel K. Benjamin Jr, FOR THE ABC SCIENCE COLLABORATIVE

Pediatrics, Apr 2021, 147 (4) e2020048090

 [PDF](#)

## ✓ Symptomatic SARS-CoV-2 Transmission in Youth and Staff Attending Day Camps

Emily M. D'Agostino, Sarah C. Armstrong, Lisa Humphreys, Stacey Coffman, Gordon Sinclair, Sallie R. Permar, Ibukunoluwa C. Akinboyo

Pediatrics, Apr 2021, 147 (4) e2020042416

 [PDF](#)

## ✓ SARS-CoV-2 Transmission Dynamics in a Sleep-Away Camp

Christine M. Szablewski, Karen T. Chang, Clinton J. McDaniel, Victoria T. Chu, Anna R. Yousaf, Noah G. Schwartz, Marie Brown, Kathryn Winglee, Prabasaj Paul, Zhaohui Cui, Rachel B. Slayton, Suxiang Tong, Yan Li, Anna Uehara, Jing Zhang, Sarah M. Sharkey, Hannah L. Kirking, Jacqueline E. Tate, Emilio Dirlikov, Alicia M. Fry, Aron J. Hall, Dale A. Rose, Julie Villanueva, Cherie Drenzek, Rebekah J. Stewart, Tatiana M. Lanzieri, Camp Outbreak Field Investigation Team

Pediatrics, Apr 2021, 147 (4) e2020046524

 [PDF](#)

## ✓ Societal Costs of a Measles Outbreak

Jamison Pike, Alan Melnick, Paul A. Gastañaduy, Meagan Kay, Jeff Harbison, Andrew J. Leidner, Samantha Rice, Kennly Asato, Linda Schwartz, Chas DeBolt

Pediatrics, Apr 2021, 147 (4) e2020027037

 [PDF](#)

## ✓ **Evaluation of an Emergency Department High-risk Bruising Screening Protocol**

Caitlin E. Crumm, Emily C.B. Brown, Siobhan Thomas-Smith, Daniel T.Y. Yu, James B. Metz, Kenneth W. Feldman  
Pediatrics, Apr 2021, 147 (4) e2020002444

 [PDF](#)

## ✓ **Factors Associated With Age of Presentation to Gender-Affirming Medical Care**

Julia C. Sorbara, Hazel L. Ngo, Mark R. Palmert  
Pediatrics, Apr 2021, 147 (4) e2020026674

 [PDF](#)

## ✓ **Dating Violence and Peer Victimization Among Male, Female, Transgender, and Gender-Expansive Youth**

Rachel C. Garthe, Amandeep Kaur, Agnes Rieger, Allyson M. Blackburn, Shongha Kim, Jacob Goffnett  
Pediatrics, Apr 2021, 147 (4) e2020004317

 [PDF](#)

## ✓ **Exposure to Suicidal Behavior and Social Support Among Sexual- and Gender-Minority Youth**

Kimberly J. Mitchell, Victoria Banyard, Kimberly L. Goodman, Ida F. Strøm, Michele L. Ybarra  
Pediatrics, Apr 2021, 147 (4) e2020033134

 [PDF](#)

## ✓ **Thrombosis Risk in Transgender Adolescents Receiving Gender-Affirming Hormone Therapy**

Eric S. Mullins, Rebecca Geer, Megan Metcalf, Jeanne Piccola, Adam Lane, Lee Ann E. Conard, Tanya L. Kowalczyk Mullins  
Pediatrics, Apr 2021, 147 (4) e2020023549

 [PDF](#)

## ✓ **Survival of Ventilated Extremely Premature Neonates With Severe Intraventricular Hemorrhage**

Kortany E. McCauley, Elise C. Carey, Amy L. Weaver, Kristin C. Mara, Reese H. Clark, William A. Carey, Christopher A. Collura  
Pediatrics, Apr 2021, 147 (4) e20201584

 [PDF](#)



## ✔ **Uncertainty at the Limits of Viability: A Qualitative Study of Antenatal Consultations**

Bethany D. Kaemingk, Katherine Carroll, Megan J. Thorvilson, Karen S. Schaepe, Christopher A. Collura  
Pediatrics, Apr 2021, 147 (4) e20201865

 [PDF](#)

## ✔ **Family and Child Risk Factors for Early-Life RSV Illness**

Tiffany Fitzpatrick, J. Dayre McNally, Thérèse A. Stukel, Hong Lu, David Fisman, Jeffrey C. Kwong, Astrid Guttman  
Pediatrics, Apr 2021, 147 (4) e2020029090

 [PDF](#)

## ✔ **Higher-Calorie Refeeding in Anorexia Nervosa: 1-Year Outcomes From a Randomized Controlled Trial**

Neville H. Golden, Jing Cheng, Cynthia J. Kapphahn, Sara M. Buckelew, Vanessa I. Machen, Anna Kreiter, Erin C. Accurso, Sally H. Adams, Daniel Le Grange, Anna-Barbara Moscicki, Allyson F. Sy, Leslie Wilson, Andrea K. Garber  
Pediatrics, Apr 2021, 147 (4) e2020037135

 [PDF](#)

## ✔ **Community Health Workers in Home Visits and Asthma Outcomes**

Kyra Shreeve, Elizabeth R. Woods, Susan J. Sommer, Margarita Lorenzi, Kathy Monteiro, Shari Nethersole, Urmi Bhaumik  
Pediatrics, Apr 2021, 147 (4) e2020011817

 [PDF](#)

## ✔ **Changes in Family Poverty Status and Child Health**

Junwen Yang-Huang, Amy van Grieken, Yueyue You, Vincent W.V. Jaddoe, Eric A. Steegers, Liesbeth Duijts, Mirte Boelens, Wilma Jansen, Hein Raat  
Pediatrics, Apr 2021, 147 (4) e2020016717

 [PDF](#)

## ✔ **Equivalence Curves for Healthy Lifestyle Choices**

Emily Ng, Melissa Wake, Timothy Olds, Kate Lycett, Ben Edwards, Ha Le, Dorothea Dumuid  
Pediatrics, Apr 2021, 147 (4) e2020025395

 [PDF](#)

## ✔ **Observation Status Stays With Low Resource Use Within Children's Hospitals**

David C. Synhorst, Matthew Hall, Jessica L. Bettenhausen, Jessica L. Markham, Michelle L. Macy, James C. Gay, Rustin Morse  
Pediatrics, Apr 2021, 147 (4) e2020013490

## ✔ **Mortality in South African Children and Adolescents Routinely Treated for Tuberculosis**

Muhammad Osman, Karen du Preez, James A. Seddon, Mareli M. Claassens, Rory Dunbar, Sicelo S. Dlamini, Alex Welte, Pren Naidoo, Anneke C. Hesselning

Pediatrics, Apr 2021, 147 (4) e2020032490

 PDF

## ✔ **Verbal Autopsies for Out-of-Hospital Infant Deaths in Zambia**

Rotem Lapidot, Anna Larson Williams, William B. MacLeod, Magdalene Mwale, Ronke Olowojesiku, Andrew Enslin, Lawrence Mwananyanda, Gertrud Munanjala, Charles Chimoga, Benard Ngoma, Donald L. Thea, Christopher John Gill

Pediatrics, Apr 2021, 147 (4) e20201767

 PDF

## ✔ **Fine Particles in Wildfire Smoke and Pediatric Respiratory Health in California**

Rosana Aguilera, Thomas Corringham, Alexander Gershunov, Sydney Leibel, Tarik Benmarhnia

Pediatrics, Apr 2021, 147 (4) e2020027128

 PDF

## ✔ **Relational, Emotional, and Pragmatic Attributes of Ethics Consultations at a Children's Hospital**

Pamela G. Nathanson, Jennifer K. Walter, Donna D. McKlindon, Chris Feudtner

Pediatrics, Apr 2021, 147 (4) e20201087

 PDF

## ✔ **Alternative Etiologies of Liver Disease in Children With Suspected NAFLD**

Toshifumi Yodoshi, Sarah Orkin, Ana Catalina Arce-Clachar, Kristin Bramlage, Stavra A. Xanthakos, Pamela L. Valentino, Marialena Mouzaki

Pediatrics, Apr 2021, 147 (4) e2020009829

 PDF

## ✔ **Lung Ultrasound Score Progress in Neonatal Respiratory Distress Syndrome**

Francesco Raimondi, Fiorella Migliaro, Iuri Corsini, Fabio Meneghin, Pasquale Dolce, Luca Pierri, Alessandro Perri, Salvatore Aversa, Stefano Nobile, Silvia Lama, Silvia Varano, Marilena Savoia, Sara Gatto, Valentina Leonardi, Letizia Capasso, Virgilio Paolo Carnielli, Fabio Mosca, Carlo Dani, Giovanni Vento, Gianluca Lista

Pediatrics, Apr 2021, 147 (4) e2020030528

## ✓ **Pleuropulmonary Blastoma in Pediatric Lung Lesions**

Shaun M. Kunisaki, Dave R. Lal, Jacqueline M. Saito, Mary E. Fallat, Shawn D. St. Peter, Zachary D. Fox, Amer Heider, Sherwin S. Chan, Kevin P. Boyd, R. Cartland Burns, Katherine J. Deans, Samir K. Gadepalli, Ronald B. Hirschl, Rashmi Kabre, Matthew P. Landman, Charles M. Leys, Grace Z. Mak, Peter C. Minneci, Tiffany N. Wright, Michael A. Helmrath, ON BEHALF OF THE MIDWEST PEDIATRIC SURGERY CONSORTIUM

Pediatrics, Apr 2021, 147 (4) e2020028357

 PDF

## ✓ **Machine Learning for Accurate Intraoperative Pediatric Middle Ear Effusion Diagnosis**

Matthew G. Crowson, Christopher J. Hartnick, Gillian R. Diercks, Thomas Q. Gallagher, Mary S. Fracchia, Jennifer Setlur, Michael S. Cohen

Pediatrics, Apr 2021, 147 (4) e2020034546

 PDF

## ✓ **Differences in Lifetime Earning Potential for Pediatric Subspecialists**

Eva Catenaccio, Jonathan M. Rochlin, Harold K. Simon

Pediatrics, Apr 2021, 147 (4) e2020027771

 PDF

---

### Commentaries

## ✓ **The Urgent Need to Recognize and Reduce Risk of Suicide for Children in the Welfare System**

Lisa M. Horowitz, Geoffrey Kahn, Holly C. Wilcox

Pediatrics, Apr 2021, 147 (4) e2020043471

 PDF

## ✓ **The Many Costs of Measles Outbreaks and Undervaccination: Why We Need to Invest in Public Health**

Jessica R. Cataldi

Pediatrics, Apr 2021, 147 (4) e2020035303

 PDF

## ✓ **Role of Family Environment on Recognition of Diverse Gender Identities and Presentation to Care**

Jamie E. Mehringer, Katherine B. Greenberg

Pediatrics, Apr 2021, 147 (4) e2020038257

 [PDF](#)

## ✔ **Decision-Making for Extremely Preterm Infants With Severe Intraventricular Hemorrhage**

Kate A. Tauber, James J. Cummings

Pediatrics, Apr 2021, 147 (4) e2021050057

 [PDF](#)

## ✔ **Early Life RSV: Can Vaccines Help Fix Societal Ills?**

Mary T. Caserta, Edward E. Walsh

Pediatrics, Apr 2021, 147 (4) e2020038356

 [PDF](#)

## ✔ **Making Gains in Eating Disorders Outcomes Research**

Mark L. Norris, Jennifer Couturier

Pediatrics, Apr 2021, 147 (4) e2020043737

 [PDF](#)

## ✔ **Time Equivalency and Child Adiposity: The Biggest Bang for the Buck**

Michelle I. Cardel, Faith A. Newsome, Joseph A. Skelton

Pediatrics, Apr 2021, 147 (4) e2020042168

 [PDF](#)

## ✔ **Shedding Light on Tuberculosis Deaths in Children and Adolescents**

Silvia S. Chiang, Helen E. Jenkins

Pediatrics, Apr 2021, 147 (4) e2020039404

 [PDF](#)

## ✔ **Learning to Listen**

Elizabeth Molyneux, Sassy Molyneux

Pediatrics, Apr 2021, 147 (4) e2020044081

 [PDF](#)

## ✔ Can Machine Learning and AI Replace Otoscopy for Diagnosis of Otitis Media?

Michael E. Pichichero

Pediatrics, Apr 2021, 147 (4) e2020049584

 [PDF](#)

## ✔ Addressing the Negative Financial Impact of Fellowship to Increase the Workforce

Richard B. Mink

Pediatrics, Apr 2021, 147 (4) e2020047506

 [PDF](#)

## ✔ Quality Improvement Efforts to Reduce Opioid Prescribing From a Pediatric Emergency Department

Jacqueline B. Corboy, Wee-Jhong Chua, Kristine L. Cieslak

Pediatrics, Apr 2021, 147 (4) e2020027060

 [PDF](#)

---

### From the American Academy of Pediatrics

## ✔ Caring for American Indian and Alaska Native Children and Adolescents

Shaquita Bell, Jason F. Deen, Molly Fuentes, Kelly Moore, COMMITTEE ON NATIVE AMERICAN CHILD HEALTH

Pediatrics, Apr 2021, 147 (4) e2021050498

 [PDF](#)

## ✔ AAP Publications Reaffirmed or Retired

AAP Policy

Pediatrics, Apr 2021, 147 (4) e2021050363

 [PDF](#)

---

### Pediatrics Perspectives

## ✔ Better Diet Quality in the Healthy Hunger-Free Kids Act and WIC Package Reduced Childhood Obesity

William H. Dietz

Pediatrics, Apr 2021, 147 (4) e2020032375

 [PDF](#)

## ✓ Parenting Pressures Among Academic Pediatricians During the COVID-19 Pandemic

Kimberly A. Randell, Anita K. Patel, Hina J. Talib

Pediatrics, Apr 2021, 147 (4) e2020033159

 [PDF](#)

## ✓ Diversity of Mentorship to Increase Diversity in Academic Pediatrics

Colin J. Orr, Skyler McLaurin-Jiang, Shaundreal D. Jamison

Pediatrics, Apr 2021, 147 (4) e20193286

 [PDF](#)

---

### Feature

## ✓ Protecting the Global Mental Health of Forcibly Displaced Children From the COVID-19 Pandemic

Suzan J. Song

Pediatrics, Apr 2021, 147 (4) e2020025346

 [PDF](#)

---

### Advocacy Case Study

## ✓ Building a Community Partnership in a Pandemic: NJ Pediatric Residency Advocacy Collaborative

Christin Traba, Shilpa Pai, Sara Bode, Benjamin Hoffman

Pediatrics, Apr 2021, 147 (4) e2020012252

 [PDF](#)

---

### Research Briefs

## ✓ Emergency Visits and Hospitalizations for Child Abuse During the COVID-19 Pandemic

Sunitha V. Kaiser, Aaron E. Kornblith, Troy Richardson, Matthew S. Pantell, Eric W. Fleegler, Cristin Q. Fritz, Kavita Parikh, Alicia Zagel, Marion R. Sills, Heidi Gruhler De Souza, Monika K. Goyal, Alexander H. Hogan, Kayla R. Heller, Amy M. DeLaroche, Jennifer N. Cooper, Henry T. Puls

Pediatrics, Apr 2021, 147 (4) e2020038489

 [PDF](#)

## ✓ **Bronchiolitis Admissions to Intensive Care During COVID**

Jérôme Rambaud, Stéphane Dager, Luc Morin, Jean Bergounioux, Pierre-Louis Leger, Ricardo Carbajal, Sylvain Renolleau, Romain Guedj

Pediatrics, Apr 2021, 147 (4) e2021050103

 [PDF](#)

## ✓ **Concordance of Preprocedure Testing With Time-of-Surgery Testing for SARS-CoV-2 in Children**

Elaina E. Lin, Elikplim H. Akaho, Anna Sobilo, Lisa R. Young, Rebecca M. Harris, Audrey R. Odom John

Pediatrics, Apr 2021, 147 (4) e2020044289

 [PDF](#)

## ✓ **Edible Cannabis Exposures Among Children: 2017–2019**

Jennifer M. Whitehill, Julia A. Dilley, Ashley Brooks-Russell, Lucia Terpak, Janessa M. Graves

Pediatrics, Apr 2021, 147 (4) e2020019893

 [PDF](#)

## ✓ **Children's Ability to Call 911 in an Emergency: A Simulation Study**

Joelene F. Huber, Sarah Davis, Jean Phan, Thivia Jegathesan, Douglas M. Campbell, Ruth Chau, Catharine M. Walsh

Pediatrics, Apr 2021, 147 (4) e2020010520

 [PDF](#)

## ✓ **Trends in Gender Distribution Among Authors of Research Studies in *Pediatrics*: 2015–2019**

Kriti Puri, Lewis R. First, Alex R. Kemper

Pediatrics, Apr 2021, 147 (4) e2020040873

 [PDF](#)

---

### Review Articles

## ✓ **Nonpharmacological Interventions for Pediatric Migraine: A Network Meta-analysis**

Helen Koechlin, Joe Kossowsky, Thanh Lan Lam, Johannes Barthel, Jens Gaab, Charles B. Berde, Guido Schwarzer, Klaus Linde, Karin Meissner, Cosima Locher

Pediatrics, Apr 2021, 147 (4) e20194107

 [PDF](#)

## ✔ Adolescent Risk Behavior Screening and Interventions in Hospital Settings: A Scoping Review

Nora Pfaff, Audrey DaSilva, Elizabeth Ozer, Sunitha Vemula Kaiser

Pediatrics, Apr 2021, 147 (4) e2020020610

 [PDF](#)

## ✔ Grief and Bereavement in Fathers After the Death of a Child: A Systematic Review

Michael J. McNeil, Justin N. Baker, Ian Snyder, Abby R. Rosenberg, Erica C. Kaye

Pediatrics, Apr 2021, 147 (4) e2020040386

 [PDF](#)

## ✔ Simulation-Based Neonatal Resuscitation Team Training: A Systematic Review

Morten Søndergaard Lindhard, Signe Thim, Henrik Sehested Laursen, Anders Wester Schram, Charlotte Paltved, Tine Brink Henriksen

Pediatrics, Apr 2021, 147 (4) e2020042010

 [PDF](#)

---

### State-of-the-Art Review Article

## ✔ Neonatal Outcomes From Arboviruses in the Perinatal Period: A State-of-the-Art Review

Shamila Ginige, Robert Flower, Elvina Viennet

Pediatrics, Apr 2021, 147 (4) e2020009720

 [PDF](#)

---

### Ethics Rounds

## ✔ Can Parents Restrict Access to Their Adolescent's Voice?: Deciding About a Tracheostomy

Natalie Lanocha, Tyler Tate, Erica Salter, Nanette Elster, Armand H. Matheny Antommara

Pediatrics, Apr 2021, 147 (4) e2021050358

 [PDF](#)

---

### Quality Reports



## ✓ Reducing Opioid Doses Prescribed From a Pediatric Emergency Department

Amy W. Bryl, Nicole Demartinis, Marc Etkin, Kathryn A. Hollenbach, Jeannie Huang, Seema Shah  
Pediatrics, Apr 2021, 147 (4) e20201180

 [PDF](#)

## ✓ SAFER Care: Improving Caregiver Comprehension of Discharge Instructions

Audrey Uong, Kaitlyn Philips, Patricia Hametz, Julie Dunbar, Priya Jain, Katherine O'Connor, Rachel Offenbacher, Kethia Eliezer, Courtney Pilnick, Victoria Kiely, Michael L. Rinke  
Pediatrics, Apr 2021, 147 (4) e20200031

 [PDF](#)

---

### Case Reports

## ✓ Fetal Inflammatory Response Syndrome Associated With Maternal SARS-CoV-2 Infection

Kyra L. McCarty, Megan Tucker, Gene Lee, Vishal Pandey  
Pediatrics, Apr 2021, 147 (4) e2020010132

 [PDF](#)

## ✓ Guillain-Barré Syndrome in a Child With COVID-19 Infection

Molly Curtis, Samina Bhumbra, Marcia V. Felker, Brittany L. Jordan, Josephine Kim, Michael Weber, Matthew L. Friedman  
Pediatrics, Apr 2021, 147 (4) e2020015115

 [PDF](#)

## ✓ Inflammatory Bowel Disease Presenting With Concurrent COVID-19 Multisystem Inflammatory Syndrome

Katherine F. Sweeny, Yanjia J. Zhang, Bonnie Crume, Colin A. Martz, Melissa M. Blessing, Stacy A. Kahn  
Pediatrics, Apr 2021, 147 (4) e2020027763

 [PDF](#)

## ✓ Acute ANCA Vasculitis and Asymptomatic COVID-19

Weston T. Powell, Julie A. Campbell, Francesca Ross, Patricia Peña Jiménez, Erin R. Rudzinski, Jane A. Dickerson  
Pediatrics, Apr 2021, 147 (4) e2020033092

 [PDF](#)

## ✓ Cutting Ties With an Old Friend: Omphalitis and Bacteremia With Umbilical Cord Nonseverance

Lydia Lanni, Katherine Panning, Kimberly K. Monroe, Maria Skoczylas, Derek Spindler

Pediatrics, Apr 2021, 147 (4) e2020008938

 PDF

---

### Letters to the Editor

## ✓ Letter to the Editor RE: Implementation of Delayed Cord Clamping Into Neonatal Algorithms

Stefano Ghirardello, Anup Katheria

Pediatrics, Apr 2021, 147 (4) e2020049834A

 PDF

## ✓ Author's Response Reply to Drs. Ghirardello and Katheria

Khalid Aziz, Henry C Lee

Pediatrics, Apr 2021, 147 (4) e2020049834B

 PDF

---

### Erratum

## ✓ Erratum for TURBAN 2019-1725

Pediatrics, Apr 2021, 147 (4) e2020049767

 PDF

## ✓ Correction for GUPTA 2020-1330

Pediatrics, Apr 2021, 147 (4) e2021050341

 PDF

 [Back to top](#)

 [Previous](#)

[Next](#) 