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DEVELOPING DRUGS FOR USE IN PREGNANCY

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10 Obstetrical, fetal, and lactation pharmacology—a crisis that can no longer be ignored

Steve N. Caritis; Raman Venkataramanan

Problems, causalities, and remedies in obstetrical, fetal, and lactation pharmacology have been presented in this expert review.

21 Prescription medications for use in pregnancy—perspective from the US Food and Drug Administration

 Barbara D. Wesley; Catherine A. Sewell; Christina Y. Chang; Kimberly P. Hatfield; Christine P. Nguyen

This article describes the creation and organization of the FDA, and CDER's review process of marketing applications for drug therapy use during pregnancy.

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43 Women and babies are dying from inertia: a collaborative framework for obstetrical drug development is urgently needed



Edith Roset Bahmanyar; Henk J. Out; Marcel van Duin

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51 Oral contraceptive use and ovarian cancer risk for *BRCA1/2* mutation carriers: an international cohort study

Lieske H. Schrijver; Antonis C. Antoniou; Håkan Olsson; Thea M. Mooij; Marie-José Roos-Blom; Leyla Azarang; Julian Adlard; Munaza Ahmed; Daniel Barrowdale; Rosemarie Davidson; Alan Donaldson; Ros Eeles; D. Gareth Evans; Debra Frost; Alex Henderson; Louise Izatt; Kai-Ren Ong; Valérie Bonadona; Isabelle Coupier; Laurence Faivre; Jean-Pierre Fricker; Paul Gesta; Klaartje van Engelen; Agnes Jager; Fred H. Menko; Marian J. E. Mourits; Christian F. Singer; Yen Y. Tan; Lenka Foretova; Marie Navratilova; Rita K. Schmutzler; Carolina Ellberg; Anne-Marie Gerdes; Trinidad Caldes; Jacques Simard; Edith Olah; Anna Jakubowska; Johanna Rantala; Ana Osorio; John L. Hopper; Kelly-Anne Phillips; Roger L. Milne; Mary Beth Terry; Catherine Noguès; Christoph Engel; Karin Kast; David E. Goldgar; Flora E. van Leeuwen; Douglas F. Easton; Nadine Andrieu; Matti A. Rookus; On behalf of the Epidemiological Study of Familial Breast Cancer, Gene Etude Prospective Sein Ovaire Sein, Hereditary Breast and Ovarian Cancer Research Group Netherlands, and International *BRCA1/2* Carrier Cohort Study

For *BRCA1* and *BRCA2* mutation carriers, duration of oral contraceptive use is associated with a reduction in ovarian cancer risk, and the protection is long term.

55 The cost-effectiveness of preimplantation genetic testing for aneuploidy in the United States: an analysis of cost and birth outcomes from 158,665 in vitro fertilization cycles

Malinda Lee; Katherine T. Lofgren; Ann Thomas; Andrea Lanes; Randi Goldman; Elizabeth S. Ginsburg; Mark D. Hornstein

An economic evaluation of 158,665 in vitro fertilization cycles found preimplantation genetic testing for aneuploidy to be cost-effective depending on patient age and payer perspective.

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57 Association between infertility and all-cause mortality: analysis of US claims data

Gayathree Murugappan; Shufeng Li; Ruben J. Alvero; Barbara Luke; Michael L. Eisenberg

Although the absolute risk for death was low in both groups, women with infertility faced a higher relative risk for mortality than women without infertility.

59 Letrozole-induced frozen embryo transfer cycles are associated with a lower risk of hypertensive disorders of pregnancy among women with polycystic ovary syndrome

Jie Zhang; Mengjie Wei; Xuejiao Bian; Ling Wu; Shuo Zhang; Xiaoyan Mao; Bian Wang

Letrozole use in frozen embryo transfer cycles was associated with a lower risk of hypertensive disorder of pregnancy among women with polycystic ovary syndrome.

61 Infertility in the Midwest: perceptions and attitudes of current treatment

Isabel Galic; Amelia Swanson; Christopher Warren; Olivia Negris; Alexandria Bozen; Dannielle Brown; Angela Lawson; Tarun Jain

The experiences and beliefs surrounding fertility treatment vary with the cultural contexts, specifically across racial, ethnic, and income groups.

63 Passage of abortion ban and women's accurate understanding of abortion legality

Maria F. Gallo; John B. Casterline; Payal Chakraborty; Alison Norris; Danielle Bessett; Abigail Norris Turner

Attempts to pass legislation to restrict abortion access could contribute to women mistakenly believing that abortion is illegal.

65 Stem cell—secreted factor therapy regenerates the ovarian niche and rescues follicles



Anna Buigues; María Marchante; Lucia de Miguel-Gómez; Jessica Martinez; Irene Cervelló; Antonio Pellicer; Sonia Herraiz

Plasma enriched in secreted stem cell factors provides an environment that supports follicle growth and fertility rescue in damaged mouse and human ovarian tissues.

68 Patient cost sharing during poly(adenosine diphosphate-ribose) polymerase inhibitor treatment in ovarian cancer

Ross F. Harrison; Shuangshuang Fu; Charlotte C. Sun; Hui Zhao; Karen H. Lu; Sharon H. Giordano; Larissa A. Meyer

Patients with ovarian cancer may experience burdensome out-of-pocket costs during PARP inhibitor treatment because of medication-related cost sharing as well as copayments for other healthcare services.

70 Prevalence of urinary, prolapse, and bowel symptoms in Mayer-Rokitansky-Küster-Hauser syndrome



Christine M. Pennesi; Emily M. English; Sarah Bell; Amy C. Lossie; Elisabeth H. Quint; Carolyn W. Swenson

Urinary, prolapse, and bowel symptoms are common in individuals with Mayer-Rokitansky-Küster-Hauser syndrome, whereas urinary incontinence and anal incontinence are more common in those with vaginal lengthening.

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73 Severe acute respiratory syndrome coronavirus 2 serology levels in pregnant women and their neonates



Jeffrey M. Kubiak; Elisabeth A. Murphy; Jim Yee; Kristen A. Cagino; Rachel L. Friedlander; Shannon M. Glynn; Kathy C. Matthews; Magdalena Jurkiewicz; Ashley C. Sukhu; Zhen Zhao; Malavika Prabhu; Laura E. Riley; Yawei J. Yang

SARS-CoV-2 antibody levels in pregnant mothers correlate with the presence of maternal symptoms and passive immunity in neonates.

75 Higher severe acute respiratory syndrome coronavirus 2 infection rate in pregnant patients



Erica M. Lokken; G. Gray Taylor; Emily M. Huebner; Jeroen Vanderhoeven; Sarah Hendrickson; Brahm Coler; Jessica S. Sheng; Christie L. Walker; Stephen A. McCartney; Nicole M. Kretzer; Rebecca Resnick; Alisa Kachikis; Nena Barnhart; Vera Schulte; Brittany Bergam; Kimberly K. Ma; Catherine Albright; Valerie Larios; Lori Kelley; Victoria Larios; Sharilyn Emhoff; Jasmine Rah; Kristin Retzlaff; Chad Thomas; Bettina W. Paek; Rita J. Hsu; Anne Erickson; Andrew Chang; Timothy Mitchell; Joseph K. Hwang; Rebecca Gourley; Stephen Erickson; Shani Delaney; Carolyn R. Kline; Karen Archabald; Michela Blain; Sylvia M. LaCourse; Kristina M. Adams Waldorf; On behalf of the Washington COVID-19 in Pregnancy Collaborative

The severe acute respiratory syndrome coronavirus 2 infection rate was significantly higher in pregnant people than in similarly aged individuals, and nearly all non-White racial and ethnic groups were disproportionately affected.

77 Disease severity, pregnancy outcomes, and maternal deaths among pregnant patients with severe acute respiratory syndrome coronavirus 2 infection in Washington State



Erica M. Lokken; Emily M. Huebner; G. Gray Taylor; Sarah Hendrickson; Jeroen Vanderhoeven; Alisa Kachikis; Brahm Coler; Christie L. Walker; Jessica S. Sheng; Benjamin J. S. al-Haddad; Stephen A. McCartney; Nicole M. Kretzer; Rebecca Resnick; Nena Barnhart; Vera Schulte; Brittany Bergam; Kimberly K. Ma; Catherine Albright; Valerie Larios; Lori Kelley; Victoria Larios; Sharilyn Emhoff; Jasmine Rah; Kristin Retzlaff; Chad Thomas; Bettina W. Paek; Rita J. Hsu; Anne Erickson; Andrew Chang; Timothy Mitchell; Joseph K. Hwang; Stephen Erickson; Shani Delaney; Karen Archabald; Carolyn R. Kline; Sylvia M. LaCourse; Kristina M. Adams Waldorf; On behalf of the Washington State COVID-19 in Pregnancy Collaborative

The COVID-19 hospitalization and case-fatality rate in pregnant patients in a multicenter retrospective cohort study in Washington State was significantly higher than in similarly aged adults.

79 Noninvasive prenatal screening in twin pregnancies with cell-free DNA using the IONA test: a prospective multicenter study



Asma Khalil; Rosalyn Archer; Victoria Hutchinson; Hatem A. Mousa; Edward D. Johnstone; Martin J. Cameron; Kelly E. Cohen; Christos Ioannou; Brenda Kelly; Keith Reed; Rachel Hulme; Aris T. Papageorgiou

Cell-free DNA testing for trisomy 21 in twin pregnancies is associated with low false-positive rate and could be offered as first-line screening in twin pregnancy.

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ORIGINAL RESEARCH *(continued from page 8A)***81** The role of the angle of progression in the prediction of the outcome of occiput posterior position in the second stage of labor

Elena Brunelli; Aly Youssef; Ehab M. Soliman; Biancamaria Del Prete; Mohamed H. Mahmoud; Mohamed Fikry; Gianluigi Pilu; Rasha A. Kamel
Narrower angle of progression during the second stage of labor, reflecting higher fetal head station, is associated with a higher probability of persistent occiput posterior position and cesarean delivery.

83 Black-White disparities in maternal in-hospital mortality according to teaching and Black-serving hospital status

Heather H. Burris; Molly Passarella; Sara C. Handley; Sindhu K. Srinivas; Scott A. Lorch
Black-White disparities in maternal in-hospital mortality occur in all hospital types, but are also caused by high mortality rates where most Black women deliver.

85 Optimal use of intravenous tranexamic acid for hemorrhage prevention in pregnant women

Homa K. Ahmadzia; Naomi L. C. Luban; Shuhui Li; Dong Guo; Adam Miszt; Jogarao V. S. Gobburu; Jeffrey S. Berger; Andra H. James; Alisa S. Wolberg; John van den Anker
A dose of 600 mg tranexamic acid given intravenously during cesarean delivery achieved pharmacokinetic and pharmacodynamics targets of approximately 30 to 60 minutes after delivery.

87 Detemir vs neutral protamine Hagedorn insulin for diabetes mellitus in pregnancy: a comparative effectiveness, randomized controlled trial

Michal Fishel Bartal; Clara Ward; Sean C. Blackwell; Joycelyn A. Ashby Cornthwaite; Caroline Zhang; Jerrie S. Refuerzo; Claudia Pedroza; Kyung Hyun Lee; Suneet P. Chauhan; Baha M. Sibai
For pregnant women with type 2 or overt type 2 diabetes mellitus (gestational diabetes mellitus diagnosed at <20 weeks' gestation), use of insulin detemir resulted in lower rates of adverse neonatal outcomes compared with neutral protamine Hagedorn.

89 Amniotic fluid interleukin 6 and interleukin 8 are superior predictors of fetal lung injury compared with maternal or fetal plasma cytokines or placental histopathology in a nonhuman primate model

Stephen A. McCartney; Raj Kapur; H. Denny Liggitt; Audrey Baldessari; Michelle Coleman; Austyn Orvis; Jason Ogle; Ronit Katz; Lakshmi Rajagopal; Kristina M. Adams Waldorf
Amniotic fluid cytokines were more predictive of fetal lung injury at birth than maternal plasma cytokines or placental pathology in a nonhuman primate model of group B Streptococcus infection.

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92 Intraoperative view of ovarian vein coils for embolization

Sheena Galhotra; Jamal Mourad

Embolization coils were found to be eroded through the infundibulopelvic ligament in a patient with pelvic congestion undergoing hysterectomy.

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SOCIETY FOR MATERNAL-FETAL MEDICINE

B2 Society for Maternal-Fetal Medicine Special Statement: Maternal-fetal medicine subspecialist survey on abortion training and service provision
 Society for Maternal-Fetal Medicine; Justin R. Lappen; Laura K. Vricella; Virginia Andrews; Erika Christensen; Cara C. Heuser; Sarah Horvath; Clark T. Johnson; Judette M. Louis; Alicia T. Luchowski; Mary E. Norton; Katelynn G. Sagaser; Sindhu K. Srinivas; Erika Werner; Leilah Zahedi-Spung; Sean Blackwell

The purpose of this study was to identify trends in attitudes, beliefs, and behaviors of practicing maternal-fetal medicine subspecialists in the United States regarding abortion.

CORRECTION

91 January 2021 (vol. 224, no. 1, pages B2, B3, B12, B13)

Misspellings are corrected in the names of 2 coauthors of a January 2021 consensus report from the Placenta Accreta Spectrum Ultrasound Marker Task Force of the Society for Maternal-Fetal Medicine.

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Matthew L. Boulton

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Emilia H. De Marchis, Stephanie A. Ettinger de Cuba, Lawrence Chang, ... Alicia J. Cohen, Eric W.

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Alissa C. Cyrus, Richard Dunville, Athena P. Kourtis, Karen W. Hoover, Pattie Tucker

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Lilah M. Besser, Diana P. Mitsova
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Daniel G. Whitney, Mary Schmidt, Heidi Haapala, Dayna Ryan, Edward A. Hurvitz, Mark D. Peterson
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Cho Lee Wong, Kai Chow Choi, Jieling Chen, Bernard M.H. Law, Dorothy N.S. Chan, Winnie K.W. So

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Infections, Public Health Practice, History, HIV/AIDS

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July 2021 HIV/AIDS and Our World: 1981-2021

The July 2021 issue features a special dossier on 40 years of the HIV/AIDS epidemic and the path forward, as well as research and perspectives on drug overdose reporting, state preemption laws regarding firearm ownership, interventions for children with asthma, and more.

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Mind the Gap: Yet More Evidence for the Importance of Education for Children With Uncontrolled Asthma

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Sean J. Haley
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The Case for Conceptualizing Youth–Police Contact as a Racialized Adverse Childhood Experience

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Timely Overdose Death Reporting Is Challenging but We Must Do Better

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Michael Dolan Fliss, Mary E. Cox, Samantha W. Dorris and Anna E. Austin
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Support Pharmacy Infrastructure to Strengthen US COVID-19 Vaccination Efforts and Beyond
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Kathryn K. Marwitz, Candace Haugtvedt and Audrey B. Kostrzewa
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Beyond the Magic Bullet: What Will It Take to End the AIDS Epidemic?

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Wafaa M. El-Sadr

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The Sankofa Paradox: Why Black Women Know the HIV Epidemic Ends With “WE”

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Dázon D. Diallo

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HIV Is a Story First Written on the Bodies of Gay and Bisexual Men

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Joseph Sonnabend and the AIDS Epidemic: Pioneering and Its Discontents

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Ronald Bayer and Gerald M. Oppenheimer

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Then and Now: Historical Landscape of HIV Prevention and Treatment Inequities Among Latinas

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Hortensia Amaro and Guillermo Prado

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Forty Years of Fighting for Equitable Partnering in HIV Research: We Are Not There Yet

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Marcia V. Ellis

American Journal of Public Health: 111(7), pp. 1249–1251

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Intersections of Treatment, Surveillance, and Criminal Law Responses to HIV and COVID-19

Colin Hastings, Alexander McClelland, Adrian Guta, Maureen Owino, Eli Manning, Michael Orsini, Richard Elliott, Marilou Gagnon and Stephen Molldrem

American Journal of Public Health: 111(7), pp. 1252–1254

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Ending HIV in the United States Is Possible With the Proper Leadership and Sufficient and Targeted Resources

Carl Schmid

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HIV's Trajectory: Biomedical Triumph, Structural Failure
 Substance Use, Health Service Delivery, Other Race/Ethnicity, Drugs, Health Policy, Race/Ethnicity, HIV/AIDS

Leo Beletsky, Meaghan Thumath, Danielle F. Haley, Gregg Gonsalves and Ayana Jordan

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The Importance of Social Movements: A Student Perspective
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Christopher N. Garcia-Wilde

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Reimagining Inclusivity in Health Care for Sexual and Gender Minority Youth: A Student Perspective

Brady D. Hanshaw

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Missed Opportunities for HIV Prevention in Puerto Rico and Community Coalitions

Prevention, Lesbian/Gay/Bisexual/Transgender Persons, Sexual Health

Javier Lopez-Rios

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A Centenary Tale of Two Pandemics: The 1918 Influenza Pandemic and COVID-19, Part II

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State Gun-Control, Gun-Rights, and Preemptive Firearm-Related Laws Across 50 US States for 2009–2018

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Jennifer L. Pomeranz, Diana Silver and Sarah A. Lieff

American Journal of Public Health: 111(7), pp. 1273–1280

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Government, Injury/Emergency Care/Violence, Community Health, Health Policy, Health Law

American Journal of Public Health: 111(7), pp. 1273-1280

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SURVEILLANCE

Factors Associated With Calling 911 for an Overdose: An Ethnographic Decision Tree Modeling Approach

Substance Use, Health Service Delivery, Injury/Emergency Care/Violence, Drugs, Access to Care

Karla D. Wagner, Brandon Koch, Jeanette M. Bowles, Silvia R. Verdugo, Robert W. Harding and Peter J. Davidson

American Journal of Public Health: 111(7), pp. 1281–1283

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

Substance Use, Health Service Delivery, Injury/Emergency Care/Violence, Drugs, Access to Care

American Journal of Public Health: 111(7), pp. 1281–1283

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COVID-19 and the Drug Overdose Crisis: Uncovering the Deadliest Months in the United States, January–July 2020

Mortality, Substance Use, Other Statistics/Evaluation/Research, Surveillance, Statistics/Evaluation/Research, Drugs, Epidemiology

Joseph Friedman and Samir Akre

Mortality, Substance Use, Other Statistics/Evaluation/Research, Surveillance, Statistics/Evaluation/Research, Drugs, Epidemiology

Joseph Friedman and Samir Akre

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Homicide Epidemic in Cali, Colombia: A Surveillance System Data Analysis, 1993–2018
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Rodrigo Guerrero-Velasco, Víctor Hugo Muñoz, Alberto Concha-Eastman, Álvaro J. Pretel-Meneses, Maria I. Gutiérrez-Martínez and Julian Santaella-Tenorio
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Amanda Geller
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Stigma, Structural Vulnerability, and “What Matters Most” Among Women Living With HIV in Botswana, 2017

Lawrence H. Yang, Ohemaa B. Poku, Supriya Misra, Haitisha T. Mehta, Shathani Rampa, Marlene M. Eisenberg, Lyla S. Yang, Thi Xuan Dai Cao, Lilo I. Blank, Timothy D. Becker, Bruce G. Link, Patlo Entaile, Philip R. Opondo, Tonya Arscott-Mills, Ari R. Ho-Foster and Michael B. Blank
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OPEN-THEMED RESEARCH

ActionHealthNYC: Effectiveness of a Health Care Access Program for the Uninsured, 2016–2017
Health Reform, Public Health Practice, Immigration, Health Policy, Health Care Facilities/Services

Rishi K. Sood, Jin Yung Bae, Adrienne Sabety, Pui Ying Chan and Caroline Heindrichs
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Community Health Worker Asthma Interventions for Children: Results From a Clinically Integrated Randomized Comparative Effectiveness Trial (2016–2019)
Low-Income Children, Child and Adolescent Health, Public Health Workers, Health Promotion, Asthma, Community Health, Respiratory Health

Molly A. Martin, Oksana Pugach, Giselle Mosnaim, Sally Weinstein, Genesis Rosales, Angkana Roy, Andrea A. Pappalardo and Surrey Walton
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Monitoring Self-Perceived Occupational Health Inequities in Central America, 2011 and 2018
Surveys, Occupational Health, Surveillance, Statistics/Evaluation/Research, Public Health Workers, Health Policy

Michael Silva-Peñaherrera, David Gimeno Ruiz de Porras, George L. Delclos, Marianela Rojas Garbanzo, Pamela Merino-Salazar, Maria Lopez-Ruiz and Fernando G. Benavides
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Digital Health Engagement in the US Population: Insights From the 2018 Health Information National Trends Survey

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Chelsea L. Ratcliff, Melinda Krakow, Alexandra Greenberg-Worisek and Bradford W. Hesse

American Journal of Public Health: 111(7), pp. 1348–1351

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OPEN-THEMED RESEARCH

Excess Mortality During the COVID-19 Pandemic in Philadelphia

Mortality, Surveillance, Other Race/Ethnicity, Statistics/Evaluation/Research, Race/Ethnicity, Epidemiology

Megan Todd, Meagan Pharis, Sam P. Gulino, Jessica M. Robbins and Cheryl Bettigole

American Journal of Public Health: 111(7), pp. 1352–1357

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The Importance of Reporting Lag in Assessing Excess Deaths During the COVID-19 Pandemic

Jason L. Salemi

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Moosa Tatar, Amir Habibdoust and Fernando A. Wilson

American Journal of Public Health: 111(7), pp. e3–e4

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Erratum In: Violent Victimization Among Lesbian, Gay, and Bisexual Populations in the United States: Findings From the National Crime Victimization Survey

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Alfredo Morabia

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EDITOR'S CHOICE

To Save Lives, We Need to Improve the Measurement of Death

Mortality, Other Statistics/Evaluation/Research, Statistics/Evaluation/Research, Public Health Practice, Race/Ethnicity, Epidemiology

Susan D. Cochran and Vickie M. Mays

American Journal of Public Health: 111(S2), pp. S45–S45

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CONFLICTS OF INTEREST

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A Look at When Dying Really Counts: An *AJPH* Supplement on Mortality Data in Public Health Surveillance

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Vickie M. Mays and Susan D. Cochran

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Disparities in Native Hawaiian and Pacific Islander COVID-19 Mortality: A Community-Driven Data Response

Mortality, Other Statistics/Evaluation/Research, Other Race/Ethnicity, Statistics/Evaluation/Research, Community Health, Race/Ethnicity, Epidemiology

Corina S. Penaia, Brittany N. Morey, Karla B. Thomas, Richard C. Chang, Vananh D. Tran, Nicholas Pierson, John Greer and Ninez A. Ponce

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Excess Deaths During the COVID-19 Pandemic: Implications for US Death Investigation Systems

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Andrew C. Stokes, Dielle J. Lundberg, Jacob Bor and Kirsten Bibbins-Domingo

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Death Certification in the United States

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Sally S. Aiken

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Supplement 2 2021 When Dying Really Counts

This new fully Open Access supplement issue looks at the urgent need to improve the quality of mortality data and routine surveillance in the context of COVID-19 and beyond. Consequences of inaccuracies in mortality data threaten the mission of public health, while challenges facing the professions of those who encounter and study death are facing unprecedented pressures.

Funding Statement: Support for this work was provided by the National Institute of Minority Health Disparities (grant MD 006923) and the National Institute of Mental Health (grant MH 115344).

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Seeing Death Up Close: Funeral Directors as Forgotten First Responders in the COVID-19 Pandemic

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Sherry V. Bensimon

American Journal of Public Health: 111(S2), pp. S57–S58

Estimating COVID-19– Related Mortality in India: An Epidemiological Challenge With Insufficient Data

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Lauren V. Zimmermann, Maxwell Salvatore, Giridhara R. Babu and Bhramar Mukherjee

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Tracking Incarcerated Individual Mortality in Local Jails

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Peter Eisler and Grant Smith

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Jessica C. Young, Cory Pack, Teresa B. Gibson, Frank Yoon, Debra E. Irwin, Shalu Shiv, Toska Cooper and Nabarun Dasgupta

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Monitoring Deaths in Police Custody: Public Health Can and Must Do Better

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Sandro Galea and Catherine K. Ettman

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Vickie M. Mays, Susan D. Cochran, Aleta Sprague and Jody Heymann

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Ghost in the Machine: The Emotional Gravity of Conducting Mortality Research

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Nabarun Dasgupta

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Death Cafés: Where Communities Affirm Grief

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Michelle Chang

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Prioritizing Improved Data and Surveillance for Suicide in the United States in Response to COVID-19

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Rajeev Ramchand, Lisa Colpe, Cynthia Claassen, Sam Brinton, Colleen Carr, Richard McKeon and Michael Schoenbaum

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The Mask of Unequal Health and Excess Death: A Reality
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Susan M. Reverby

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Counting for Accountability in a Time of Catastrophe: COVID-19 and Other Deaths, Cohorts, Color Lines, and Dollar Signs

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Nancy Krieger

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RESEARCH & ANALYSIS

A National Framework to Improve Mortality, Morbidity, and Disparities Data for COVID-19 and Other Large-Scale Disasters

Mortality, Surveillance, Statistics/Evaluation/Research, Epidemiology

Michael A. Stoto, Charles Rothwell, Maureen Lichtveld and Matthew K. Wynia

American Journal of Public Health: 111(S2), pp. S93–S100

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Out-of-Hospital COVID-19 Deaths: Consequences for Quality of Medical Care and Accuracy of Cause of Death Coding

Mortality, Health Service Delivery, Other Statistics/Evaluation/Research, Child and Adolescent Health, Other Race/Ethnicity, Statistics/Evaluation/Research, Other Child and Adolescent Health, Race/Ethnicity, Quality of Care

Elizabeth B. Pathak, Rebecca B. Garcia, Janelle M. Menard and Jason L. Salemi

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Mortality, Health Service Delivery, Other Statistics/Evaluation/Research, Child and Adolescent Health, Other Race/Ethnicity, Statistics/Evaluation/Research, Other Child and Adolescent Health, Race/Ethnicity, Quality of Care

Elizabeth B. Pathak, Rebecca B. Garcia, Janelle M. Menard and Jason L. Salemi

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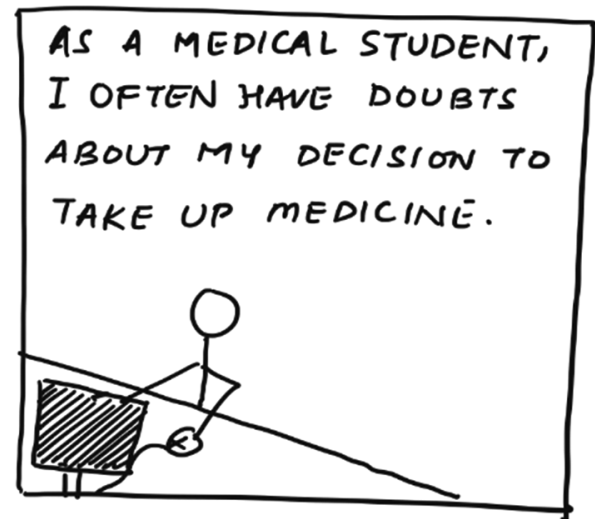
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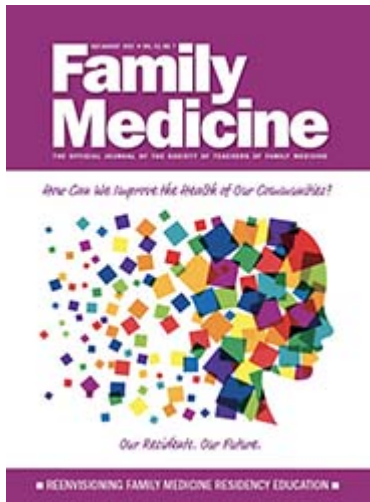
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Social Accountability and Graduate Medical Education (/familymedicine/2021/july-august/scott-2020-0565/)

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Health Affairs

July 2021 Vol. 40 No. 7 healthaffairs.org

Borders, Immigrants & Health

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RESEARCH ARTICLE IMMIGRANT HEALTH

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ANALYSIS IMMIGRANT HEALTH

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RESEARCH ARTICLE IMMIGRANT HEALTH

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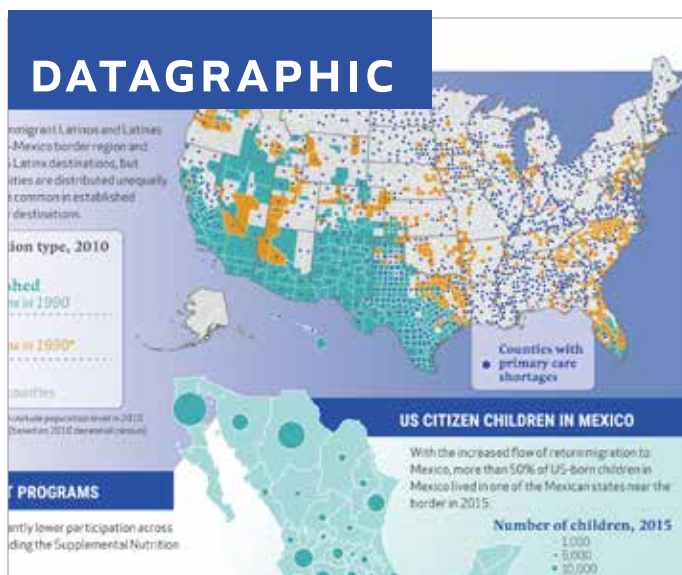
- 1117 **The Other US Border: Health Insurance Coverage Among Latino Immigrants In Puerto Rico**
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- 1135 **What Counts As ‘Safe?’: Exposure To Trauma And Violence Among Asylum Seekers From The Northern Triangle**
C. Nicholas Cuneo, Kara E. Huselton, Nathan C. Praschan, Altaf Saadi, and Matthew G. Gartland



Borders & health: There are more than 20 million immigrant essential workers in the medical, agricultural, transportation, and other industries in the US, and more than one-third of them reside in US states bordering Mexico. Immigration and other policies affect the health of people on both sides of the border, including US citizen children living in Mexico. See DataGraphic on page 1024.

RESEARCH ARTICLE IMMIGRANT HEALTH

- 1145 **A Content Analysis Of US Sanctuary Immigration Policies: Implications For Research In Social Determinants Of Health**
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HEALTH POLICY BRIEFS

Health Policy Briefs provide clear, accessible overviews of timely and important health policy topics. The peer-reviewed briefs explore competing arguments and point out relevant research. Health Policy Briefs are produced under a partnership of *Health Affairs* with the generous support of the Robert Wood Johnson Foundation.

CULTURE OF HEALTH

Inequalities At Work And The Toll Of COVID-19

Rebecca Wolfe, Kristen Harknett & Daniel Schneider |
June 4, 2021



Illustration by Brett Ryder

Narrative Matters Two families' stories—a separation at the border and an assault in a migrant shelter—show the horrific dimensions of US migration policy.

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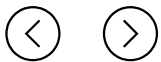
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July 6; 326 (1): 11-96



July 6, 2021, Vol 326, No. 1, Pages 11-96

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Audio Highlights

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JAMA. 2021;326(1):e2018013. doi:10.1001/jama.2020.18013



Audio Editors' Summary: Bamlanivimab for COVID-19 Prevention, Cytisine vs Varenicline for Smoking Cessation, Management of Infertility, and more

Original Investigation

Effect of 2 Inactivated SARS-CoV-2 Vaccines on Symptomatic COVID-19 Infection in Adults: A Randomized Clinical Trial

Nawal Al Kaabi, MBBS; Yuntao Zhang, PhD; Shengli Xia, BSc; et al.

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This interim analysis of an ongoing randomized trial evaluates the efficacy of 2 inactivated coronavirus vaccines for preventing symptomatic COVID-19 in healthy adults and adverse events after immunization.

Effect of Bamlanivimab vs Placebo on Incidence of COVID-19 Among Residents and Staff of Skilled Nursing and Assisted Living Facilities: A Randomized Clinical Trial

Myron S. Cohen, MD; Ajay Nirula, MD, PhD; Mark J. Mulligan, MD; et al.

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

FREE  CME JAMA. 2021;326(1):46-55. doi:10.1001/jama.2021.8828

This randomized clinical trial assesses the effect of a single intravenous infusion of bamlanivimab vs placebo on incidence of COVID-19 among residents and staff of skilled nursing and assisted living facilities.

Editorial

Bamlanivimab for Prevention of COVID-19

Daniel R. Kuritzkes, MD

Effect of Cytisine vs Varenicline on Smoking Cessation: A Randomized Clinical Trial

Ryan J. Courtney, PhD; Hayden McRobbie, PhD; Piotr Tutka, MD; et al.

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

 CME JAMA. 2021;326(1):56-64. doi:10.1001/jama.2021.7621

This noninferiority randomized clinical trial compares standard cytisine treatment (25 days) with standard varenicline treatment (84 days) for smoking cessation among Australian adult daily smokers willing to make a quit attempt.

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Changes in Patterns of Hospital Visits for Acute Myocardial Infarction or Ischemic Stroke During COVID-19 Surges

Matthew D. Solomon, MD, PhD; Mai Nguyen-Huynh, MD; Thomas K. Leong, MPH; et al.

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

FREE  CME JAMA. 2021;326(1):82-84. doi:10.1001/jama.2021.8414

This study evaluates changes in rates of patients hospitalized for acute myocardial infarction (AMI) or suspected stroke during COVID-19 surges in the US as a measure of willingness to seek care during the pandemic.

Mortality From Drug Overdoses, Homicides, Unintentional Injuries, Motor Vehicle Crashes, and Suicides During the Pandemic, March-August 2020

Jeremy S. Faust, MD, MS; Chengan Du, PhD; Katherine Dickerson Mayes, MD, PhD; et al.

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

FREE  CME JAMA. 2021;326(1):84-86. doi:10.1001/jama.2021.8012

This study uses national death certificate data to characterize trends in death and excess mortality from drug overdoses, homicides, unintentional injuries, motor vehicle crashes, and suicide during the first 6 months of the pandemic in the US.

Viewpoint

COVID-19 Vaccination of Health Care Personnel as a Condition of Employment: A Logical Addition to Institutional Safety Programs

Thomas R. Talbot, MD, MPH

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

FREE  CME JAMA. 2021;326(1):23-24. doi:10.1001/jama.2021.8901

This Viewpoint uses requirements for health care worker (HCW) influenza vaccination as a condition

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Mandatory SARS-CoV-2 Vaccinations in K-12 Schools, Colleges/Universities, and Businesses

Lawrence O. Gostin, JD; Jana Shaw, MD, MPH; Daniel A. Salmon, PhD, MPH

Abstract | **Full Text**

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JAMA. 2021;326(1):25-26. doi:10.1001/jama.2021.9342

This Viewpoint examines the epidemiologic, public health, and legal considerations for mandatory SARS-CoV-2 vaccinations in primary and secondary schools, colleges/universities, and businesses in the US.

The American Rescue Plan Act of 2021: A Historic if Transitory Expansion of the ACA

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

Abstract | **Full Text**

JAMA. 2021;326(1):27-28. doi:10.1001/jama.2021.8389

This Viewpoint discusses elements of the American Rescue Plan Act of 2021 that bolster the Patient Protection and Affordable Care Act (ACA) and describes their potential implications and uncertainties.

A Piece of My Mind

A Stranger to Silence

Arjun V. K. Sharma, MD

Abstract | **Full Text**

JAMA. 2021;326(1):29-30. doi:10.1001/jama.2021.9896

In this narrative medicine essay, a third-year internal medicine resident reports the tinnitus he had learned to live with had deafened him when the silence and isolation imposed by COVID-19 fell.

Bamlanivimab for Prevention of COVID-19

Daniel R. Kuritzkes, MD

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

FREE  CME *JAMA.* 2021;326(1):31-32. doi:10.1001/jama.2021.7515

To Howard Bauchner, MD, Visionary Editor in Chief of *JAMA*—A Sincere Thank You and a Fond Farewell

Phil B. Fontanarosa, MD, MBA; Annette Flanagin, RN, MA; JAMA and JAMA Network Editors and Editorial Staff

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FREE *JAMA.* 2021;326(1):33-34. doi:10.1001/jama.2021.9772

Review

Diagnosis and Management of Infertility: A Review

Sandra Ann Carson, MD; Amanda N. Kallen, MD

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

 CME  *JAMA.* 2021;326(1):65-76. doi:10.1001/jama.2021.4788

This review examines current evidence regarding the pathophysiology, diagnosis, and treatment of infertility.



Audio Clinical Review: Diagnosis and Treatment of Infertility

JAMA Insights

Refractive Surgery in the US in 2021

Samir Jabbour, MD, CM; Kraig S. Bower, MD

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

JAMA. 2021;326(1):77-78. doi:10.1001/jama.2020.20245

This JAMA Insights Clinical Update summarizes the various types of refractive surgical procedures

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Preconception Care as an Opportunity to Optimize Pregnancy Outcomes

Nandini Raghuraman, MD, MS; Methodius G. Tuuli, MD, MPH, MBA

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

JAMA. 2021;326(1):79-80. doi:10.1001/jama.2020.27244

This JAMA Insights Clinical Update discusses the issue of reducing pregnancy-related morbidity and mortality by identifying modifiable risk factors and providing targeted interventions and education prior to conception.

Medical News & Perspectives

Lung Transplants for COVID-19—The Option of Last Resort

Kristin Walter, MD, MS

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

FREE  CME  JAMA. 2021;326(1):14-16. doi:10.1001/jama.2021.9363

This Medical News article is an interview with Ankit Bharat, MD, a surgeon at Chicago's Northwestern Memorial Hospital who performed the first bilateral lung transplant for COVID-19 in the US.



JAMA Medical News Audio: Lung Transplants for COVID-19—The Option of Last Resort

Quick Uptakes

Ketone Body Supplementation—A Potential New Approach for Heart Disease

Jennifer Abbasi

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

JAMA. 2021;326(1):17-18. doi:10.1001/jama.2021.8789

This Medical News article discusses evidence for ketone body supplementation as a novel cardiovascular disease treatment.

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News From the JAMA Network

No Heart Health Effect of Omega-3 Fatty Acids at Highest Plasma Level

Anita Slomski, MA

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

JAMA. 2021;326(1):19. doi:10.1001/jama.2021.10482

Text Message Support Prompts Young Adults to Quit Vaping

Anita Slomski, MA

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

JAMA. 2021;326(1):19. doi:10.1001/jama.2021.9398

Greater Numbers of People in the US Are Living With Vision Loss

Anita Slomski, MA

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

JAMA. 2021;326(1):19. doi:10.1001/jama.2021.10483

Invited Commentary

Updated Numbers on the State of Visual Acuity Loss and Blindness in the US

Emily Y. Chew, MD

Study Estimates Older Adults' Cancer Deaths After Surgery

Anita Slomski, MA

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JAMA. 2021;326(1):19. doi:10.1001/jama.2021.10484

News From the Food and Drug Administration

New Targeted Non-Small Cell Lung Cancer Therapy Approved

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FDA Seeks Improvements in Labeling Medical Device Materials

Bridget M. Kuehn, MSJ

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JAMA. 2021;326(1):20. doi:10.1001/jama.2021.9842

FDA, FTC Warn Companies Claiming Their Supplements Treat Infertility

Bridget M. Kuehn, MSJ

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

JAMA. 2021;326(1):20. doi:10.1001/jama.2021.10551

Poetry and Medicine

Blame Scheme

Gregory Abel, MD

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

JAMA. 2021;326(1):91. doi:10.1001/jama.2021.7392

JAMA Revisited

The Cost of Tuberculosis

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

JAMA. 2021;326(1):92. doi:10.1001/jama.2020.18014

JAMA Patient Page

Ways to Quit Smoking

Kristin Walter, MD, MS

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

This JAMA Patient Page describes behavioral and medication-based smoking cessation interventions, resources for behavioral interventions, and potential side effects of medication-based interventions.

Comment & Response

Immune Checkpoint Inhibitor Therapy Toxicities

Heather S. L. Jim, PhD; Hans Knoop, PhD; Adam P. Dicker, MD, PhD

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

JAMA. 2021;326(1):87. doi:10.1001/jama.2021.6030

Immune Checkpoint Inhibitor Therapy Toxicities—Reply

Adam S. Cifu, MD; Anne R. Bass, MD; Pankti D. Reid, MD, MPH

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

JAMA. 2021;326(1):87-88. doi:10.1001/jama.2021.6036

The US Preventive Services Task Force Recommendation Statement About Screening Asymptomatic Adults for Carotid Stenosis

Frank J. Wolters, MD, PhD; Victor Volovici, MD, PhD

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

JAMA. 2021;326(1):88. doi:10.1001/jama.2021.6495

The US Preventive Services Task Force Recommendation Statement About Screening Asymptomatic Adults for Carotid Stenosis

Michiel H. F. Poorthuis, MD, PhD; Gert J. de Borst, MD, PhD

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

JAMA. 2021;326(1):88-89. doi:10.1001/jama.2021.6489

The US Preventive Services Task Force Recommendation Statement About Screening Asymptomatic Adults for Carotid Stenosis

Raffaele Ornello, MD; Francesca Pistoia, MD, PhD; Simona Sacco, MD

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

JAMA. 2021;326(1):89. doi:10.1001/jama.2021.6487

The US Preventive Services Task Force Recommendation Statement About Screening Asymptomatic Adults for Carotid Stenosis—Reply

Michael J. Barry, MD; Karina Davidson, PhD, MASc; Carol M. Mangione, MD, MSPH

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

JAMA. 2021;326(1):89-90. doi:10.1001/jama.2021.6492

Correction

Errors in Flow Diagram

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

FREE JAMA. 2021;326(1):90. doi:10.1001/jama.2021.9465

Incomplete Financial Disclosure in a Viewpoint

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

FREE JAMA. 2021;326(1):90. doi:10.1001/jama.2021.9572

Addition of Nonauthor Collaborator Names of the French Covid-19 Paediatric Inflammation Consortium

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

FREE JAMA. 2021;326(1):90. doi:10.1001/jama.2021.7427

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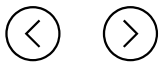
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July 13; 326 (2): 109-196



July 13, 2021, Vol 326, No. 2, Pages 109-196

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JAMA. 2021;326(2):e2018025. doi:10.1001/jama.2020.18025



Audio Editors' Summary: Platelet-Rich Plasma for Achilles Tendinopathy, Delivery for Suspected Fetal Growth Restriction, Review of Alcohol-Related Liver Disease, and more

Original Investigation

Effect of Platelet-Rich Plasma Injection vs Sham Injection on Tendon Dysfunction in Patients With Chronic Midportion Achilles Tendinopathy: A Randomized Clinical Trial

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This randomized clinical trial compares the efficacy of a single injection of intratendinous platelet-rich plasma vs injection with a subcutaneous dry needle (sham) from baseline until 6-month follow-up in adult patients with chronic midportion Achilles tendinopathy.

Association Between Iatrogenic Delivery for Suspected Fetal Growth Restriction and Childhood School Outcomes

Roshan John Selvaratnam, BMedSc(Hons); Euan Morrison Wallace, MD; Rory Wolfe, PhD; et al.

Abstract | **Full Text**

JAMA. 2021;326(2):145-153. doi:10.1001/jama.2021.8608

This retrospective whole-population cohort study explores the association between warranted and unwarranted iatrogenic delivery for suspected fetal growth restriction and childhood school outcomes among children in Victoria, Australia.

Editorial

Delivery Before 39 Weeks' Gestation for Suspected Fetal Growth Restriction: More Harm Than Good?

Robert M. Silver, MD; Nathan R. Blue, MD

Use of Medications for Treatment of Opioid Use Disorder Among US Medicaid Enrollees in 11 States, 2014-2018

The Medicaid Outcomes Distributed Research Network (MODRN)

Abstract | **Full Text**

 CME JAMA. 2021;326(2):154-164. doi:10.1001/jama.2021.7374

This exploratory study examines changes in quality of care and use of medications to treat opioid use disorder from 2014 through 2018 among Medicaid patients in 11 states.

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Payer-Negotiated Prices in the Diagnosis and Management of Thyroid Cancer in 2021

Roy Xiao, MD, MS; Vinay K. Rath, MD, MBA; Cary P. Gross, MD; et al.

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

JAMA. 2021;326(2):184-185. doi:10.1001/jama.2021.8535

This study examines price availability and variation for thyroid cancer care at National Cancer Institute (NCI)-Designated Cancer Centers following a 2021 CMS policy reform requiring hospitals to disclose commercial payer-specific negotiated prices for all items and services.

Associations of Vaccination and of Prior Infection With Positive PCR Test Results for SARS-CoV-2 in Airline Passengers Arriving in Qatar

Roberto Bertollini, MD, MPH; Hiam Chemaitelly, MSc; Hadi M. Yassine, PhD; et al.

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

  JAMA. 2021;326(2):185-188. doi:10.1001/jama.2021.9970

This study explores the association of vaccination against COVID-19 or prior SARS-CoV-2 infection with PCR test positivity in airline passengers arriving in Qatar, February-April 2021.

Viewpoint

Humanism Before Heroism in Medicine

Urmimala Sarkar, MD, MPH; Christine Cassel, MD

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

 JAMA. 2021;326(2):127-128. doi:10.1001/jama.2021.9569

This Viewpoint discusses the need to reframe the culture of heroic clinician narratives, particularly during the COVID-19 pandemic, and suggests that the aim should be to achieve a culture of teamwork that acknowledges the physical and emotional needs of clinicians and does not expect them to routinely sacrifice their well-being.

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Progress in Pharmacotherapy for Obesity

Susan Z. Yanovski, MD; Jack A. Yanovski, MD, PhD

Abstract | **Full Text**

 JAMA. 2021;326(2):129-130. doi:10.1001/jama.2021.9486

This Viewpoint discusses the potential that newer antiobesity medications can provide for greater weight loss efficacy with an acceptable safety profile, including those with novel “twincretin” mechanisms of action.



Audio Clinical Review: Semaglutide for Weight Loss

Transforming Health Care to Address Value and Equity: National Vital Signs to Guide Vital Reforms

Kevin Fiscella, MD, MPH; Mechelle R. Sanders, PhD; Jennifer K. Carroll, MD, MPH

Abstract | **Full Text**

JAMA. 2021;326(2):131-132. doi:10.1001/jama.2021.9938

This Viewpoint explains the national Vital Signs initiative—developed by the National Academy of Medicine to track improvements in health, health care costs, engagement of the public in its health, and health care and quality.

A Piece of My Mind

My Lie by Omission

Katherine A. Termini, MD

Abstract | **Full Text**

JAMA. 2021;326(2):133-134. doi:10.1001/jama.2021.10383

In this narrative medicine essay, a psychiatric resident who survived a suicide attempt at 16 years old aims to break the stigma against patients and peers with mental and emotional illness by sharing her story.

Delivery Before 39 Weeks' Gestation for Suspected Fetal Growth Restriction: More Harm Than Good?

Robert M. Silver, MD; Nathan R. Blue, MD

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

JAMA. 2021;326(2):135-136. doi:10.1001/jama.2021.8381

Review

Diagnosis and Treatment of Alcohol-Associated Liver Disease: A Review

Ashwani K. Singal, MD; Philippe Mathurin, MD

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

 CME  JAMA. 2021;326(2):165-176. doi:10.1001/jama.2021.7683

This narrative review provides an update on the diagnosis and treatment of alcohol-associated liver disease, including clinical presentation, screening for alcohol use disorder, medical treatment, other treatments, and liver transplant.



Audio Clinical Review: Diagnosis and Treatment of Alcohol-Associated Liver Disease

JAMA Performance Improvement

Patient Safety

Rapid Response Teams as a Patient Safety Practice for Failure to Rescue

Chelsea P. Fischer, MD, MS; Karl Y. Bilimoria, MD, MS; Amir A. Ghaferi, MD, MS

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

JAMA. 2021;326(2):179-180. doi:10.1001/jama.2021.7510

This JAMA Performance Improvement article summarizes the AHRQ guideline on rapid response teams in its health care safety series, including whether rapid response teams decrease mortality or rates of cardiac arrest, if their use improves patient outcomes, and what barriers hinder their suc-

JAMA Insights

Women's Health

Diagnosis, Evaluation, and Treatment of Adenomyosis

Kimberly A. Kho, MD; Joseph S. Chen, MD; Lisa M. Halvorson, MD

Abstract | **Full Text**

JAMA. 2021;326(2):177-178. doi:10.1001/jama.2020.26436

This JAMA Insights Clinical Update summarizes and provides a suggested treatment algorithm for the diagnosis and management of adenomyosis.

JAMA Clinical Challenge

Postoperative Skin Lesion After Knee Replacement

Christopher J. Fang, MD; Brian W. Lester, MD; Brian L. Hollenbeck, MD

Abstract | **Full Text**

 CME JAMA. 2021;326(2):181-182. doi:10.1001/jama.2021.3832

A 71-year-old woman presented 8 weeks after total knee arthroplasty with a 1-week history of scattered tense, pruritic bullae around the incision site but no surrounding erythema or edema. She was afebrile and had no known allergies; the pruritus and bullae remained unchanged after a course of oral cephalexin and prednisone. What is the diagnosis and what would you do next?

Medical News & Perspectives

The Search for a Single Vaccine Against Coronaviruses Yet to Come

Rita Rubin, MA

Abstract | **Full Text**

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This Medical News Feature discusses the feasibility of a pancoronavirus vaccine to prevent future pandemics.



JAMA Medical News Audio: July 2021 Medical News Summary

Semaglutide's Success Could Usher in a "New Dawn" for Obesity Treatment

Jennifer Abbasi

Abstract | **Full Text**

JAMA. 2021;326(2):121-123. doi:10.1001/jama.2021.10307

This Medical News article discusses the physiology of weight regulation and obesity—and how new antiobesity drugs like semaglutide will target those pathways for safer, more effective treatment.



Audio Clinical Review: Semaglutide for Weight Loss



JAMA Medical News Audio: July 2021 Medical News Summary

Invited Commentary

Metabolically Healthy Obesity Redefined

Ayana K. April-Sanders, PhD; Carlos J. Rodriguez, MD, MPH

News From the Centers for Disease Control and Prevention

Fewer COVID-19 Cases in Schools With Masks and Improved Ventilation

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2021;326(2):125. doi:10.1001/jama.2021.10044

CDC Recommends Self-injected Contraceptive Option

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

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Optogenetics Restores Partial Vision in a Patient With Blindness

Jennifer Abbasi

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

JAMA. 2021;326(2):124. doi:10.1001/jama.2021.10887

Potential New Blood Biomarker for Myocarditis Detection

Jennifer Abbasi

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

JAMA. 2021;326(2):124. doi:10.1001/jama.2021.10618

Artificial Intelligence in COVID-19 Imaging Mismatched to the Clinic

Jennifer Abbasi

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

JAMA. 2021;326(2):124. doi:10.1001/jama.2021.10888

Poetry and Medicine

Deathbed

Donna Pucciani

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

JAMA. 2021;326(2):191. doi:10.1001/jama.2021.7414

JAMA Revisited

Current Comment

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

JAMA. 2021;326(2):192. doi:10.1001/jama.2020.18026

Unhealthy Alcohol Use

Avani K. Patel, MD, MHA; Alëna A. Balasanova, MD

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

FREE JAMA. 2021;326(2):196. doi:10.1001/jama.2020.2015

This JAMA Patient Page defines risky alcohol use and alcohol use disorder, and describes their adverse health effects.

Comment & Response

Viewpoint on Comprehensive Medicaid Reform

Patricia A. Gabow, MD

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

JAMA. 2021;326(2):188. doi:10.1001/jama.2021.6664

Viewpoint on Comprehensive Medicaid Reform—Reply

Rebekah E. Gee, MD, MPH; David Shulkin, MD; Iyah Romm, BS

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

JAMA. 2021;326(2):188-189. doi:10.1001/jama.2021.6667

A Review of Irritable Bowel Syndrome

Tiffany H. Taft, PsyD; Daniel Keszthelyi, MD, PhD; Lukas Van Oudenhove, MD, PhD

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

JAMA. 2021;326(2):189. doi:10.1001/jama.2021.6755

A Review of Irritable Bowel Syndrome—Reply

Michael Camilleri, MD

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

JAMA. 2021;326(2):189-190. doi:10.1001/jama.2021.6758

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FREE JAMA. 2021;326(2):190. doi:10.1001/jama.2021.9484

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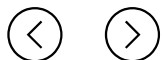
FREE JAMA. 2021;326(2):190. doi:10.1001/jama.2021.9619

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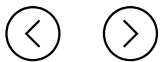
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July 20; 326 (3): 207-286



July 20, 2021, Vol 326, No. 3, Pages 207-286

In This Issue of JAMA

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JAMA. 2021;326(3):e2018037. doi:10.1001/jama.2020.18037



Audio Editors' Summary: Canakinumab for Severe COVID-19, Medical Debt in the US, Novel Lipid-Lowering Therapies, and more

Original Investigation

Effect of Canakinumab vs Placebo on Survival Without Invasive Mechanical Ventilation in Patients Hospitalized With Severe COVID-19: A Randomized Clinical Trial

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This clinical trial compares the efficacy of canakinumab vs placebo on survival without invasive mechanical ventilation (IMV) in patients hospitalized with severe COVID-19.

Effect of Oral Ranitidine on Urinary Excretion of *N*-Nitrosodimethylamine (NDMA): A Randomized Clinical Trial

Jeffry Florian, PhD; Murali K. Matta, PhD; Ryan DePalma, PhD; et al.

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

JAMA. 2021;326(3):240-249. doi:10.1001/jama.2021.9199

This phase 1 randomized crossover clinical trial evaluates the 24-hour urinary excretion of *N*-nitrosodimethylamine (NDMA) after oral administration of ranitidine compared with placebo.

Editorial

Ranitidine and Risk of *N*-Nitrosodimethylamine (NDMA) Formation

C. Michael White, PharmD; Adrian V. Hernandez, MD, PhD

Medical Debt in the US, 2009-2020

Raymond Kluender, PhD; Neale Mahoney, PhD; Francis Wong, PhD; et al.

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

 CME JAMA. 2021;326(3):250-256. doi:10.1001/jama.2021.8694

This retrospective cohort analysis of credit reports for a nationally representative 10% panel of individuals estimates the amount of medical debt nationally and by geographic region and income group and its association with Medicaid expansion under the Affordable Care Act.

Editorial

Medical Debt as a Social Determinant of Health

Carlos F. Mendes de Leon, PhD; Jennifer J. Griggs, MD, MPH

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Research Letter

Sperm Parameters Before and After COVID-19 mRNA Vaccination

Daniel C. Gonzalez, BS; Daniel E. Nassau, MD; Kajal Khodamoradi, PhD; et al.

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

FREE  CME JAMA. 2021;326(3):273-274. doi:10.1001/jama.2021.9976

To address vaccine hesitancy based on concerns about fertility, this study assesses sperm parameters before and after mRNA vaccine administration.

Prescription Drug Monitoring Program Mandates and Opioids Dispensed Following Emergency Department Encounters for Patients With Sickle Cell Disease or Cancer With Bone Metastasis

Hao Zhang, PhD; Austin S. Kilaru, MD, MSHP; Zachary F. Meisel, MD, MPH, MSHP; et al.

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

FREE JAMA. 2021;326(3):274-276. doi:10.1001/jama.2021.10161

This study examines the association between prescription drug monitoring program mandates and changes in opioids dispensed to patients with sickle cell disease or cancer with bone metastasis who presented to the emergency department in 29 US states.

Special Communication

Guidelines for Reporting Trial Protocols and Completed Trials Modified Due to the COVID-19 Pandemic and Other Extenuating Circumstances: The CONSERVE 2021 Statement

Aaron M. Orkin, MD, MSc, MPH; Peter J. Gill, MD, DPhil; Davina Ghera, MD, PhD; et al.

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

FREE JAMA. 2021;326(3):257-265. doi:10.1001/jama.2021.9941

modifications in response to extenuating circumstances such as the COVID-19 pandemic.

Viewpoint

Intensive Medical Management to Prevent Large and Small Artery Atherothrombotic Stroke: Time to Expand the Horizon

Meng Lee, MD; Bruce Ovbiagele, MD, MSc, MAS, MBA; Jeffrey L. Saver, MD

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

JAMA. 2021;326(3):217-218. doi:10.1001/jama.2021.9917

This Viewpoint examines the potential of using newer strategies to prevent ischemic stroke due to large and small artery atherothrombosis, including agents to lower LDL cholesterol, as well as increase eicosapentaenoic acid levels, insulin sensitivity and synthesis, and folic acid levels.

Sharing Technology and Vaccine Doses to Address Global Vaccine Inequity and End the COVID-19 Pandemic

Matthew M. Kavanagh, PhD; Lawrence O. Gostin, JD; Madhavi Sunder, JD

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

FREE JAMA. 2021;326(3):219-220. doi:10.1001/jama.2021.10823

This Viewpoint offers 3 strategies to address inequity in pandemic vaccine response: surge funding, increased funding, and an agreement to share technology and allow countries to waive intellectual property rights in global public health emergencies.

Ethical Considerations of Offering Benefits to COVID-19 Vaccine Recipients

Govind Persad, JD, PhD; Ezekiel J. Emanuel, MD, PhD

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

FREE JAMA. 2021;326(3):221-222. doi:10.1001/jama.2021.11045

This Viewpoint discusses why offering incentives for COVID-19 vaccination is not only ethical, but

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A Piece of My Mind

To Err Is Human, to Apologize Is Hard

Thalia Margalit Krakower, MD

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

FREE JAMA. 2021;326(3):223-224. doi:10.1001/jama.2021.10840

In this narrative medicine essay, an internist asks the doctors who for 5 months could not diagnose her son's agonizing illness to apologize and, when most could not, asks that the medical community shift focus from promoting a false sense of perfection to one that embraces humility enough to apologize as essential to the healing process.

Editorial

Ranitidine and Risk of *N*-Nitrosodimethylamine (NDMA) Formation

C. Michael White, PharmD; Adrian V. Hernandez, MD, PhD

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

JAMA. 2021;326(3):225-227. doi:10.1001/jama.2021.10043

Medical Debt as a Social Determinant of Health

Carlos F. Mendes de Leon, PhD; Jennifer J. Griggs, MD, MPH

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

JAMA. 2021;326(3):228-229. doi:10.1001/jama.2021.9011

JAMA Insights

Clinical Update

Novel Lipid-Lowering Therapies to Reduce Cardiovascular Risk

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

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

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This JAMA Insights Clinical Update reviews lipid-lowering therapies prescribed to reduce cardiovascular risk, including statins and ezetimibe, as well as novel therapies such as PCSK-9 inhibitors, bempedoic acid, icosapent ethyl, and inclisiran.



Audio Clinical Review: Novel Lipid-Lowering Therapies to Reduce Cardiovascular Risk

Genomics and Precision Health

Challenges of Accuracy in Germline Clinical Sequencing Data

Ryan Poplin, MS; Justin M. Zook, PhD; Mark DePristo, PhD

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

JAMA. 2021;326(3):268-269. doi:10.1001/jama.2021.0407

This Genomics and Precision Health article explains how genetic testing has evolved from detection of prespecified and unknown variants to assessing entire genomes to establish diagnoses using high-throughput sequencing.

From The Medical Letter on Drugs and Therapeutics

Metoclopramide Nasal Spray (Gimoti) for Diabetic Gastroparesis

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

JAMA. 2021;326(3):270-271. doi:10.1001/jama.2020.26625

This Medical Letter review summarizes the use of Gimoti, a nasal spray formulation of the dopamine-2 receptor antagonist metoclopramide, for relief of symptoms in adults with acute and recurrent diabetic gastroparesis.

Medical News & Perspectives

Alcohol-Related Diseases Increased as Some People Drank More During the COVID-19 Pandemic

Rita Rubin, MA

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This Medical News feature examines the association between changes in alcohol use patterns during the pandemic and increases in alcohol-associated diseases.

Another COVID-19 Fallout: Teens' Happy Hour With Parents

Anita Slomski, MA

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

FREE JAMA. 2021;326(3):212-213. doi:10.1001/jama.2021.11007

This Medical News article discusses parents' decisions to permit their teenage children to drink alcohol during COVID-19 shutdowns and the effect alcohol has on brain development during adolescence.

News From the Food and Drug Administration

FDA: Stop Using Medtronic's Heartware Ventricular Assist Device

Bridget M. Kuehn, MSJ

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FREE JAMA. 2021;326(3):215. doi:10.1001/jama.2021.11386

New Software Can Aid in Early Autism Spectrum Disorder Diagnosis

Bridget M. Kuehn, MSJ

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Treatment Approved for "Undruggable" Lung Cancer

Bridget M. Kuehn, MSJ

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Global Health

Antibiotic Use in UK's COVID-19 Patients Often Unnecessary

Bridget M. Kuehn, MSJ

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FREE JAMA. 2021;326(3):214. doi:10.1001/jama.2021.10458

Urgent Need to Reduce Heart Disease Among Women Worldwide

Bridget M. Kuehn, MSJ

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FREE JAMA. 2021;326(3):214. doi:10.1001/jama.2021.11409

Patients in Afghanistan Face Growing Obstacles to Care

Bridget M. Kuehn, MSJ

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FREE JAMA. 2021;326(3):214. doi:10.1001/jama.2021.11410

Poetry and Medicine

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JoAnne Burger, MD

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Low Back Pain

Adrian C. Traeger, PhD; Amir Qaseem, MD, PhD, MHA; James H. McAuley, PhD

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

FREE JAMA. 2021;326(3):286. doi:10.1001/jama.2020.19715

This JAMA Patient Page describes low back pain and its diagnosis and treatment options.

Comment & Response

Backstop Price Caps in Commercial Health Care Markets

Jay B. Lusk, BSc; Ryan C. McDevitt, PhD

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

JAMA. 2021;326(3):276-277. doi:10.1001/jama.2021.6809

Backstop Price Caps in Commercial Health Care Markets—Reply

Michael E. Chernew, PhD; Maximilian J. Pany, BA

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

JAMA. 2021;326(3):277. doi:10.1001/jama.2021.6812

Strategies to Overcome the Market Dominance of Hospitals

Benjamin S. Kornitzer, MD

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

JAMA. 2021;326(3):277-278. doi:10.1001/jama.2021.6892

Strategies to Overcome the Market Dominance of Hospitals—Reply

Soleil Shah, MSc; Amol S. Navathe, MD, PhD; Robert P. Kocher, MD

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Correction

Addition of Nonauthor Collaborator Names of the WHIST Trial

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FREE JAMA. 2021;326(3):279. doi:10.1001/jama.2021.7433

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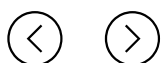
FREE JAMA. 2021;326(3):279. doi:10.1001/jama.2021.10237

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July 27, 2021, Vol 326, No. 4, Pages 291-366

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JAMA. 2021;326(4):e2018049. doi:10.1001/jama.2020.18049



Audio Editors' Summary: Heart Failure Quality Improvement RCT, 7 vs 14 Days of Antibiotics for Male UTI, Does This Patient Have Hypertension?, and more

Original Investigation

Effect of a Hospital and Postdischarge Quality Improvement Intervention on Clinical Outcomes and Quality of Care for Patients With Heart Failure With Reduced Ejection Fraction: The CONNECT-HF Study

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 CME JAMA. 2021;326(4):314-323. doi:10.1001/jama.2021.8844

This cluster randomized trial evaluates the effect of a hospital and postdischarge quality improvement intervention vs usual care on time to heart failure rehospitalization or death, and quality of care, among patients with heart failure and reduced ejection fraction in the US.

Editorial

Prioritizing Dissemination and Implementation Science in Cardiometabolic Medicine: CONNECTing the Dots

Ankeet S. Bhatt, MD, MBA; Scott D. Solomon, MD; Muthiah Vaduganathan, MD, MPH

Effect of 7 vs 14 Days of Antibiotic Therapy on Resolution of Symptoms Among Afebrile Men With Urinary Tract Infection: A Randomized Clinical Trial

Dimitri M. Drekonja, MD, MS; Barbara Trautner, MD, PhD; Carla Amundson, MA; et al.

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

 CME JAMA. 2021;326(4):324-331. doi:10.1001/jama.2021.9899

This randomized clinical trial assesses the effect of 14-day antibiotic treatment vs 7 days of antibiotic treatment plus 7 days of placebo among afebrile men with urinary tract infection.

Editorial

Shorter Courses of Antibiotics for Urinary Tract Infection in Men

Daniel J. Morgan, MD, MS; K. C. Coffey, MD, MPH

Frequency of Thrombocytopenia and Platelet Factor 4/Heparin Antibodies in Patients With Cerebral Venous Sinus Thrombosis Prior to the COVID-19 Pandemic

Mayte Sánchez van Kammen, MD; Mirjam R. Heldner, MD, MSc; Justine Brodard, MSc; et al.

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

  CME JAMA. 2021;326(4):332-338. doi:10.1001/jama.2021.9889

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This retrospective analysis examined the frequency of thrombocytopenia and heparin-induced thrombocytopenia among patients with cerebral venous sinus thrombosis (CVST) before COVID-19 to help elucidate the association of ChAdOx1 nCoV-19 and Ad26.COV2.S vaccines and CVST thrombocytopenia.

Advertisement

Research Letter

Effect of Systemic Hydrocortisone Initiated 7 to 14 Days After Birth in Ventilated Preterm Infants on Mortality and Neurodevelopment at 2 Years' Corrected Age: Follow-up of a Randomized Clinical Trial

Nienke M. Halbmeijer, MD; Wes Onland, PhD; Filip Cools, PhD; et al.

Abstract | **Full Text**

JAMA. 2021;326(4):355-357. doi:10.1001/jama.2021.9380

This follow-up to the STOP-BPD randomized clinical trial, which investigated the efficacy and safety of systemic hydrocortisone treatment initiated 7 to 14 days after birth in ventilator-dependent, very preterm infants in the Netherlands and Belgium at 36 weeks' postmenstrual age, examines the prespecified composite of death and neurodevelopmental impairment among these infants at 2 years' corrected age.

Viewpoint

Lay Epidemiology and Vaccine Acceptance

Sudhakar V. Nuti, MD, MSc; Katrina Armstrong, MD, MSCE

Abstract | **Full Text**

FREE *JAMA*. 2021;326(4):301-302. doi:10.1001/jama.2021.11130

This Viewpoint discusses how family, friends, social media, the larger public, and others can influence an individual's health care decisions, including COVID-19 vaccination, and offers ways in which

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COVID-19: Beyond Tomorrow

Potential COVID-19 Endgame Scenarios: Eradication, Elimination, Cohabitation, or Conflagration?

Aaron Kofman, MD; Rami Kantor, MD; Eli Y. Adashi, MD, MS

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

FREE JAMA. 2021;326(4):303-304. doi:10.1001/jama.2021.11042

This Viewpoint considers 4 possible scenarios—eradication, elimination, cohabitation, and conflagration—for the resolution of the COVID-19 pandemic, depending on vaccination rates, viral variants, and deadly disease waves.

The Growing Problem of Out-of-Pocket Costs and Affordability in Employer-Sponsored Insurance

Meredith B. Rosenthal, PhD

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

JAMA. 2021;326(4):305-306. doi:10.1001/jama.2021.11166

This Viewpoint describes the problem of rising out-of-pocket costs for individuals with employer-sponsored insurance, the causes of this issue, and possible solutions.

A Piece of My Mind

The Race We Already Lost

Eileen P. Storey, MD

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

FREE JAMA. 2021;326(4):307-308. doi:10.1001/jama.2021.11214

In this narrative medicine essay, a resident in medicine and pediatrics learns in her last year of medical school that her physician father has metastatic liver cancer and hopes that for just a day or a little longer the 2 could share the title *doctor*.

Shorter Courses of Antibiotics for Urinary Tract Infection in Men

Daniel J. Morgan, MD, MS; K. C. Coffey, MD, MPH

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

JAMA. 2021;326(4):309-310. doi:10.1001/jama.2021.11120

Prioritizing Dissemination and Implementation Science in Cardiometabolic Medicine: CONNECTing the Dots

Ankeet S. Bhatt, MD, MBA; Scott D. Solomon, MD; Muthiah Vaduganathan, MD, MPH

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

JAMA. 2021;326(4):311-313. doi:10.1001/jama.2021.9847

The Rational Clinical Examination

Does This Adult Patient Have Hypertension? The Rational Clinical Examination Systematic Review

Anthony J. Viera, MD, MPH; Yuichiro Yano, MD, PhD; Feng-Chang Lin, PhD; et al.

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

 CME JAMA. 2021;326(4):339-347. doi:10.1001/jama.2021.4533

This Rational Clinical Examination systematic review summarizes studies that examined the accuracy of current methods of blood pressure measurement, including home and office monitoring, compared with ambulatory blood pressure monitoring as the reference standard for diagnosing hypertension in patients not receiving treatment for hypertension.

JAMA Insights

Women's Health

Anabolic Therapy for Osteoporosis

Kristine E. Ensrud, MD, MPH; John T. Schousboe, MD, PhD

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

 JAMA. 2021;326(4):350-351. doi:10.1001/jama.2021.0233

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This JAMA Insights reviews the use of anabolic medications to reduce the risk of osteoporosis-related fractures, including teriparatide, abaloparatide, and romosozumab.



Audio Clinical Review: Anabolic Therapy for Osteoporosis

Lipoprotein(a) and Cardiovascular Diseases

Hannah Miksenas, BA; James L. Januzzi Jr, MD; Pradeep Natarajan, MD, MMSc

Abstract | **Full Text**

JAMA. 2021;326(4):352-353. doi:10.1001/jama.2021.3632

This JAMA Insights Clinical Update discusses various clinical aspects of lipoprotein(a), including association with cardiovascular disease risk, measurement, guideline recommendations, and emerging therapies.

JAMA Clinical Guidelines Synopsis

Screening for Hepatitis C Virus

Hannah C. Wenger, MD; Adam S. Cifu, MD; Arthur Y. Kim, MD

Abstract | **Full Text**

JAMA. 2021;326(4):348-349. doi:10.1001/jama.2020.27041

This JAMA Clinical Guidelines Synopsis summarizes the American Association for the Study of Liver Diseases/Infectious Diseases Society of America 2019 guideline update on screening for hepatitis C virus.

Medical News & Perspectives

Confronting High HIV Rates Among Transgender Women With Empowerment and Gender Affirmation

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2021;326(4):295-297. doi:10.1001/jama.2021.10598

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This Medical News article describes the social and structural factors that drive exceptionally high HIV infection rates among transgender women.



JAMA Medical News Audio: July 2021 Medical News Summary

News From the Centers for Disease Control and Prevention

Excess Deaths From End-Stage Kidney Disease Early in Pandemic

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;326(4):300. doi:10.1001/jama.2021.11312

Resurgence of Pertussis Linked With Switch to Acellular Vaccine

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;326(4):300. doi:10.1001/jama.2021.11153

Clinical Trials Update

Tai Chi Reduces Waist Size Among Older Adults

Anita Slomski

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FREE JAMA. 2021;326(4):299. doi:10.1001/jama.2021.10833

MDMA-Assisted Therapy Highly Effective for PTSD

Anita Slomski

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Fewer Cardiovascular Events With Intensive Blood Pressure Control

Anita Slomski

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Filgotinib Induces and Maintains Ulcerative Colitis Remission

Anita Slomski

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FREE JAMA. 2021;326(4):299. doi:10.1001/jama.2021.11750

Health Agencies Update

Ending Structural Racism in Federally Funded Research

Rita Rubin, MA

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FREE JAMA. 2021;326(4):298. doi:10.1001/jama.2021.10972

Internet Access as a Social Determinant of Health

Rita Rubin, MA

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FREE JAMA. 2021;326(4):298. doi:10.1001/jama.2021.11733

Higher Medicare Payments for In-home COVID-19 Vaccinations

Rita Rubin, MA

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FREE JAMA. 2021;326(4):298. doi:10.1001/jama.2021.11734

Renal Columns

Zachary David Levy, MD; Alison Rose Ohringer, MPH, MS; Bruce Haight, MD

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

FREE JAMA. 2021;326(4):294. doi:10.1001/jama.2021.4061

This Arts and Medicine feature contains a kidney-themed crossword puzzle.

Poetry and Medicine

Time Limits

Blair L. Bigham, MD, MSc

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FREE JAMA. 2021;326(4):361. doi:10.1001/jama.2021.8081

JAMA Revisited

Problems on Campus

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JAMA Patient Page

Cardiac Rehabilitation

Jayson R. Baman, MD; Shaundee Sekhon, MD; Kameswari Maganti, MD

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

FREE JAMA. 2021;326(4):366. doi:10.1001/jama.2021.5952

This JAMA Patient Page describes the goals of cardiac rehabilitation, its 3 phases, and which patients benefit from it.

Comment & Response

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Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy

Hiroyuki Inose, MD, PhD; Toshitaka Yoshii, MD, PhD; Atsushi Okawa, MD, PhD

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

JAMA. 2021;326(4):357-358. doi:10.1001/jama.2021.7262

Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy

Long Shao, MD, PhD; Xiang-Dong Wu, MD; Wei Huang, MD, PhD

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

JAMA. 2021;326(4):358. doi:10.1001/jama.2021.7265

Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy—Reply

Zoher Ghogawala, MD; Fred G. Barker II, MD; Edward C. Benzel, MD

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

JAMA. 2021;326(4):358-359. doi:10.1001/jama.2021.7268

Blinatumomab vs Chemotherapy Among Children With Relapsed Acute Lymphoblastic Leukemia

Motoharu Shibusawa, MD; Keisuke Kidoguchi, MD; Tetsuya Tanimoto, MD

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

JAMA. 2021;326(4):359. doi:10.1001/jama.2021.8151

Blinatumomab vs Chemotherapy Among Children With Relapsed Acute Lymphoblastic Leukemia—Reply

Franco Locatelli, MD; Gerhard Zugmaier, MD; Arend von Stackelberg, MD

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

JAMA. 2021;326(4):359-360. doi:10.1001/jama.2021.8154

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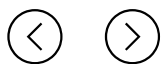
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July; 181 (7): 894-1024



July 2021, Vol 181, No. 7, Pages 894-1024

Viewpoint

Dealing With Death as an Outcome in Supportive Care Clinical Trials

Scott D. Halpern, MD, PhD; Jennifer S. Temel, MD; Katherine R. Courtright, MD, MS

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

JAMA Intern Med. 2021;181(7):895-896. doi:10.1001/jamainternmed.2021.1816

This Viewpoint seeks to provide guidance to investigators of palliative and supportive care clinical trials to improve end-of-life care for patient and caregiver.

Integrating New Effectiveness Data Into US Food and Drug Administration-Approved Drug Labeling

Bishal Gyawali, MD, PhD; Jonathan J. Darrow, SJD, JD, MBA; Aaron S. Kesselheim, MD, JD, MPH

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

This Viewpoint assesses US Food and Drug Administration policies regarding drug label changes.

A Clinical Approach to Preventing Death on the Streets

Katherine A. Koh, MD, MSc; Jill S. Roncarati, ScD, MPH, PA-C; James J. O'Connell, MD

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

 JAMA Intern Med. 2021;181(7):899-901. doi:10.1001/jamainternmed.2021.2402

This Viewpoint offers a novel framework to empower clinicians to assess a person in need on the street and prevent avoidable death.



Audio Author Interview: A Clinical Approach to Preventing Death on the Streets

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Perspective

Screening for Traumatic Experiences in Health Care Settings: A Personal Perspective From a Trauma Survivor

Anna E. Austin, PhD

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

JAMA Intern Med. 2021;181(7):902-903. doi:10.1001/jamainternmed.2021.1452

This physician perspective describes failings in the trauma disclosure system currently in place in the new patient intake process of most health care facilities.

Original Investigation

Physician Work Environment and Well-Being

Delay of Pregnancy Among Physicians vs Nonphysicians

Maria C. Cusimano, MD; Nancy N. Baxter, PhD; Rinku Sutradhar, PhD; et al.

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

This cohort study compares patterns of childbirth among physicians vs nonphysicians.

Comparison of Estimated Effectiveness of Case-Based and Population-Based Interventions on COVID-19 Containment in Taiwan

Ta-Chou Ng, BSc; Hao-Yuan Cheng, MD, MSc; Hsiao-Han Chang, PhD; et al.

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



JAMA Intern Med. 2021;181(7):913-921. doi:10.1001/jamainternmed.2021.1644

This comparative effectiveness research study examines case-based and population-based interventions and their association with COVID-19 control in Taiwan.

Editor's Note

Lessons From the Success of COVID-19 Control in Taiwan

Robert Steinbrook, MD

Effectiveness of a Vaping Cessation Text Message Program Among Young Adult e-Cigarette Users: A Randomized Clinical Trial

Amanda L. Graham, PhD; Michael S. Amato, PhD; Sarah Cha, MSPH; et al.

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



JAMA Intern Med. 2021;181(7):923-930. doi:10.1001/jamainternmed.2021.1793

This randomized clinical trial determines the effectiveness of a text message program for vaping cessation among young adults aged 18 to 24 years vs assessment-only control.

Health Care Reform

Hospital Responses to Incentives in Episode-Based Payment for Joint Surgery: A Controlled Population-Based Study

Andrew D. Wilcock, PhD; Michael L. Barnett, MD; J. Michael McWilliams, MD, PhD; et al.

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

This controlled population-based study investigates the response of hospitals to changing incentives in Medicare's Comprehensive Care for Joint Replacement program, an episode-based payment model.

Association of Low-Value Care Exposure With Health Care Experience Ratings Among Patient Panels

Prachi Sanghavi, PhD; J. Michael McWilliams, MD, PhD; Aaron L. Schwartz, MD, PhD; et al.

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



JAMA Intern Med. 2021;181(7):941-948. doi:10.1001/jamainternmed.2021.1974

This quality improvement study assesses associations between rates of low-value service provision to a primary care professional patient panel and patients' ratings of their health care experiences.

Factors Associated With Access to and Receipt of Liver Transplantation in Veterans With End-stage Liver Disease

Fasiha Kanwal, MD, MSHS; Ruben Hernaez, MD, PhD; Yan Liu, MS; et al.

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

JAMA Intern Med. 2021;181(7):949-959. doi:10.1001/jamainternmed.2021.2051

This cohort study uses data from the United Network of Organ Sharing to assess the factors associated with referral, wait-listing, and receipt of liver allografts in veterans with end-stage liver disease.

SARS-CoV-2 Transmission Risk Among National Basketball Association Players, Staff, and Vendors Exposed to Individuals With Positive Test Results After COVID-19 Recovery During the 2020 Regular and Postseason

Christina D. Mack, PhD, MSPH; John DiFiori, MD; Caroline G. Tai, PhD; et al.

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



CME

JAMA Intern Med. 2021;181(7):960-966. doi:10.1001/jamainternmed.2021.2114

This cohort study examines viral dynamics and transmission of infection for National Basketball Association players, staff, and vendors who had clinically recovered from SARS-CoV-2 infection but continued to have positive test results following discontinuation of isolation precautions.

Editor's Note

COVID-19 Lessons From the National Basketball Association Bubble—Can Persistently SARS-CoV-2-Positive Individuals Transmit Infection to Others?

James W. Salazar, MD, MAS; Mitchell H. Katz, MD

Socioeconomic Inequality in Respiratory Health in the US From 1959 to 2018

Adam W. Gaffney, MD, MPH; David U. Himmelstein, MD; David C. Christiani, MD, MS, MPH; et al.

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

JAMA Intern Med. 2021;181(7):968-976. doi:10.1001/jamainternmed.2021.2441

This cross-sectional study examines long-term trends in socioeconomic disparities in respiratory disease prevalence, pulmonary symptoms, and pulmonary function

Invited Commentary

Screening for Traumatic Childhood Experiences in Health Care Settings

David Finkelhor, PhD; Lucy Berliner, MSW

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

JAMA Intern Med. 2021;181(7):903-904. doi:10.1001/jamainternmed.2021.1442

An Inexpensive Intervention to Reduce e-Cigarette Use Among Young Adults

Anand R. Habib, MD, MPhil; Mitchell H. Katz, MD

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

JAMA Intern Med. 2021;181(7):930-931. doi:10.1001/jamainternmed.2021.1791

Lung Health Disparities in Time

Emily Brigham, MD, MHS; Sarath Raju, MD, MPH

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

JAMA Intern Med. 2021;181(7):976-977. doi:10.1001/jamainternmed.2021.2572

Editor's Note

Lessons From the Success of COVID-19 Control in Taiwan

Robert Steinbrook, MD

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FREE  CME *JAMA Intern Med.* 2021;181(7):922. doi:10.1001/jamainternmed.2021.1625

COVID-19 Lessons From the National Basketball Association Bubble—Can Persistently SARS-CoV-2-Positive Individuals Transmit Infection to Others?

James W. Salazar, MD, MAS; Mitchell H. Katz, MD

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Reassessment of Glycemic Goals in Older Patients With Dementia—More Work Is Needed to Do Less

Jennifer D. Claytor, MD, MS; Richard W. Grant, MD, MPH

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

JAMA Intern Med. 2021;181(7):994-995. doi:10.1001/jamainternmed.2021.1834

Teachable Moment

The Key Role of Nonpharmacologic Management of Cachexia in Persons With Advanced Illness: A Teachable Moment

Aamna Kabani, BA; Sydney M. Dy, MD, MS; Arjun Gupta, MD

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

This Teachable Moment considers the psychological distress that anorexia and/or cachexia leads to in caregivers and patients with advanced illness, and how clinicians can help without using pharmacologic management.

Research Letter

Less Is More

Glycemic Control and Use of High-risk Antihyperglycemic Agents Among Nursing Home Residents With Diabetes in Ontario, Canada

Iliana C. Lega, MD; Michael A. Campitelli, MSc; Jeremy Matlow, MD; et al.

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

JAMA Intern Med. 2021;181(7):992-994. doi:10.1001/jamainternmed.2021.0022

This cohort study examines levels of glycemic control among nursing home residents with diabetes and compares rates of intensive glycemic control with high-risk antihyperglycemic agents across levels of cognitive impairment.

Editor's Note

Reassessment of Glycemic Goals in Older Patients With Dementia—More Work Is Needed to Do Less

Jennifer D. Claytor, MD, MS; Richard W. Grant, MD, MPH

Health Care Policy and Law

Frequency of First Generic Drug Approvals With “Skinny Labels” in the United States

Bryan S. Walsh, JD; Ameet Sarpatwari, PhD, JD; Benjamin N. Rome, MD; et al.

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

JAMA Intern Med. 2021;181(7):995-997. doi:10.1001/jamainternmed.2021.0484

This cohort study assessed the frequency of approvals of first generic drugs with skinny labels in the US.

Incidence of 30-Day Venous Thromboembolism in Adults Tested for SARS-CoV-2 Infection in an Integrated Health Care System in Northern California

Nareg H. Roubinian, MD; Jennifer R. Dusendang, MPH; Dustin G. Mark, MD; et al.

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

  *JAMA Intern Med.* 2021;181(7):997-1000. doi:10.1001/jamainternmed.2021.0488

This cohort study examines the 30-day incidence of outpatient and hospital-associated venous thromboembolism following SARS-CoV-2 testing among adults in a large health system.

The COVID-GRAM Tool for Patients Hospitalized With COVID-19 in Europe

Óscar Moreno-Pérez, MD, PhD; Mariano Andrés, MD, PhD; José Manuel León-Ramírez, MD; et al.

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

  *JAMA Intern Med.* 2021;181(7):1000-1001. doi:10.1001/jamainternmed.2021.0491

This study applies a clinical risk assessment tool (COVID-GRAM) developed in China to a population of patients hospitalized with COVID-19 in Spain to evaluate the tool's usefulness in Europe.

Incorporating HIV Screening With COVID-19 Testing in an Urban Emergency Department During the Pandemic

Kimberly A. Stanford, MD, MPH; Moira C. McNulty, MD, MS; Jessica R. Schmitt, LCSW, AM; et al.

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

  *JAMA Intern Med.* 2021;181(7):1001-1003. doi:10.1001/jamainternmed.2021.0839

This cohort study reports the results of incorporating HIV screening into COVID-19 testing at the University of Chicago emergency department.

Systematic Assessment of Online Health Information for Coronary Revascularization

Irbaz Hameed, MD; N. U. Farrukh Hameed, MD, Mch; Christian T. Oakley, BS; et al.

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

JAMA Intern Med. 2021;181(7):1003-1006. doi:10.1001/jamainternmed.2021.1051

This cross-sectional study examines the readability, accuracy, content, quality, and suitability of on-line health information on coronary artery bypass grafting or percutaneous coronary intervention for patients.

Hand Hygiene Compliance Rate During the COVID-19 Pandemic

Sonya Makhni, MD, MBA; Craig A. Umscheid, MD, MS; Jackie Soo, MPH, ScD; et al.

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

FREE  *JAMA Intern Med.* 2021;181(7):1006-1008. doi:10.1001/jamainternmed.2021.1429

This quality improvement study assesses hand hygiene compliance rates in a hospital with an automated hand hygiene monitoring system during the COVID-19 pandemic.

Association of Race/Ethnicity With Likelihood of COVID-19 Vaccine Uptake Among Health Workers and the General Population in the San Francisco Bay Area

Kevin Grumbach, MD; Timothy Judson, MD, MPH; Manisha Desai, PhD; et al.

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

  *JAMA Intern Med.* 2021;181(7):1008-1011. doi:10.1001/jamainternmed.2021.1445

This cross-sectional survey study investigates COVID-19 vaccine intentions among racially and ethnically diverse samples of health workers and the general population.

Challenges in Clinical Electrocardiography

Less Is More

Dual Tachycardia in a Middle-aged Woman: Occam's Razor vs Hickam's Dictum

Aayush K. Singal, MD, DM; Raghav Bansal, MD, DM; Sandeep Seth, MD, DM

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

This case report presents the electrocardiographic findings of a woman in her 40s with obesity who presented to the emergency department with a first episode of acute-onset palpitations for 1 hour.

Isolated ST-Elevation Myocardial Infarction of the Diagonal: Time to Think Lateral

Venkatakrisnan Ramakumar, DM; Ram Manohar Talupula, MD; Satyavir Yadav, DM

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

JAMA Intern Med. 2021;181(7):983-984. doi:10.1001/jamainternmed.2021.1575

This case report describes a man in his 50s presented to the emergency department with sudden-onset retrosternal chest pain. What is your diagnosis?

An Unusual Cause of Macroscopic T-Wave Alternans in a Patient With Acute Promyelocytic Leukemia

Zhen-Hua Liang, MD; Yun-Tao Zhao, MD; Yi-Chang Zhou, MD

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

JAMA Intern Med. 2021;181(7):985-987. doi:10.1001/jamainternmed.2021.1631

This case study presents the electrocardiographic findings in a man in his 50s with a history of acute promyelocytic leukemia treated with arsenic trioxide who was hospitalized with recurrent loss of consciousness.

Taking Time With the RP Interval in Narrow Complex Tachycardia

John M. Cunningham, MD; Ryan Borne, MD

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

JAMA Intern Med. 2021;181(7):988-989. doi:10.1001/jamainternmed.2021.1981

This case report describes the electrocardiographic findings in a man in his 80s without prior history of arrhythmia who presented with cough and shortness of breath during the COVID-19 pandemic.

Beat-to-Beat Variation in QRS Morphology Following Transcatheter Aortic Valve Replacement

Natee Sirinvaravong, MD; Datun Qi, MD; Gan-Xin Yan, MD, PhD

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

JAMA Intern Med. 2021;181(7):990-991. doi:10.1001/jamainternmed.2021.1997

This case report describes beat-to-beat variation in QRS morphology occurring in a patient who has undergone transcatheter aortic valve replacement.

JAMA Internal Medicine Patient Page

I Am Concerned About Osteoporosis: What Do I Need to Know?

Katie L. Kaput, DO; Vishnu Sundaresh, MD, MS

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

FREE *JAMA Intern Med.* 2021;181(7):1024. doi:10.1001/jamainternmed.2021.1628

This Patient Page provides information regarding osteoporosis risk and treatments.

Comment & Response

Treatment of Fibromyalgia in the 21st Century

Maria J. Silveira, MD, MA, MPH; Kevin F. Boehnke, PHD; Dan Clauw, MD

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

JAMA Intern Med. 2021;181(7):1011. doi:10.1001/jamainternmed.2020.9276

Treatment of Fibromyalgia in the 21st Century—Reply

Rodrigo Oliveira Mascarenhas, MSc; Mateus Bastos Souza, BAppSc; Vinicius Cunha Oliveira, PhD

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

JAMA Intern Med. 2021;181(7):1011-1012. doi:10.1001/jamainternmed.2020.9293

Drug-Eluting vs Bare-Metal Stents for Percutaneous Coronary Intervention

Alfredo M. Rodríguez-Granillo, MD; Carlos Fernández-Pereira, MD, PhD; Alfredo E. Rodríguez, MD, PhD

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

JAMA Intern Med. 2021;181(7):1012-1013. doi:10.1001/jamainternmed.2021.0030

Drug-Eluting vs Bare-Metal Stents for Percutaneous Coronary Intervention—Reply

Irbaz Hameed, MD; Mario Gaudino, MD, PhD, MSCE

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

JAMA Intern Med. 2021;181(7):1013. doi:10.1001/jamainternmed.2021.0033

SARS-CoV-2 Seroprevalence Data to Guide Local Public Health Interventions

Lao-Tzu Allan-Blitz, MD; Jeffrey D. Klausner, MD, MPH

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Factors Contributing to Missing COVID-19 Cases During Contact Tracing

Shannan N. Rich, MSc; Veronica L. Richards, MPH; Emily M. Klann, MPH

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Factors Contributing to Missing COVID-19 Cases During Contact Tracing—Reply

Darpun D. Sachdev, MD; Stephanie E. Cohen, MD, MPH; Susan Scheer, PhD, MPH

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FREE *JAMA Intern Med.* 2021;181(7):1015. doi:10.1001/jamainternmed.2021.0071

Narrative Ethics in Response to Unbearable Suffering—the Dutch Slippery Slope Is Nonexistent

Barend W. Florijn, MD, PhD; Ad A. Kaptein, PhD

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JAMA Intern Med. 2021;181(7):1016. doi:10.1001/jamainternmed.2021.0198

Editorial

The Treatment of Patients With Unbearable Suffering—The Slippery Slope Is Real

Diane E. Meier, MD

Narrative Ethics in Response to Unbearable Suffering—the Dutch Slippery Slope Is Nonexistent

Jan Bollen, LLM, MD, PhD; Walther van Mook, MD, PhD; Kris Vissers, MD, PhD

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

JAMA Intern Med. 2021;181(7):1016-1017. doi:10.1001/jamainternmed.2021.0212

Editorial

The Treatment of Patients With Unbearable Suffering—The Slippery Slope Is Real

Diane E. Meier, MD

Health Care Policy and Law

Narrative Ethics in Response to Unbearable Suffering—the Dutch Slippery Slope Is Nonexistent—Reply

Diane E. Meier, MD

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JAMA Intern Med. 2021;181(7):1017. doi:10.1001/jamainternmed.2021.0201

Editorial

The Treatment of Patients With Unbearable Suffering—The Slippery Slope Is Real

Diane E. Meier, MD

Tocilizumab in Treatment for Patients With COVID-19

Chengliang Yang, MD; Mingyao Liu, MD

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FREE *JAMA Intern Med.* 2021;181(7):1017-1018. doi:10.1001/jamainternmed.2021.0392

Editorial

Time to Reassess Tocilizumab's Role in COVID-19 Pneumonia

Jonathan B. Parr, MD, MPH

Tocilizumab in Treatment for Patients With COVID-19

Jean-François Rossi, MD, PhD; Hao-Chun Chiang, PhD; Bernard Klein, MD, PhD

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FREE *JAMA Intern Med.* 2021;181(7):1018-1019. doi:10.1001/jamainternmed.2021.0395

Editorial

Time to Reassess Tocilizumab's Role in COVID-19 Pneumonia

Jonathan B. Parr, MD, MPH

Tocilizumab in Treatment for Patients With COVID-19

Lucy C. K. Bell, MB, BS, PhD; Gabriele Pollara, MB, BS, PhD

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FREE *JAMA Intern Med.* 2021;181(7):1019. doi:10.1001/jamainternmed.2021.0401

Editorial

Time to Reassess Tocilizumab's Role in COVID-19 Pneumonia

Jonathan B. Parr, MD, MPH

Tocilizumab in Treatment for Patients With COVID-19—Reply

Carlo Salvarani, MD; Marco Massari, MD; Nicola Facciolo, MD

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FREE *JAMA Intern Med.* 2021;181(7):1019-1020. doi:10.1001/jamainternmed.2021.0404

Editorial

Time to Reassess Tocilizumab's Role in COVID-19 Pneumonia

Jonathan B. Parr, MD, MPH

Tocilizumab in Treatment for Patients With COVID-19—Reply

Olivier Hermine, MD, PhD; Xavier Mariette, MD, PhD; Philippe Ravaud, MD, PhD

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Editorial

Time to Reassess Tocilizumab's Role in COVID-19 Pneumonia

Jonathan B. Parr, MD, MPH

Correction

Addition of Group Members Supplement

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Errors in Group Information Supplement

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Error in Sample Size

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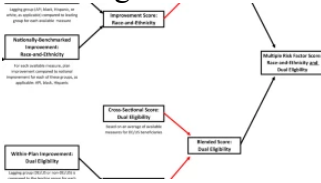
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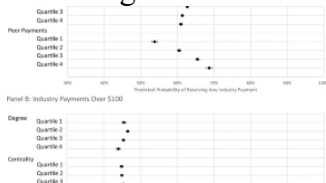
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2. [The Role of Physician Professional Networks in Physicians' Receipt of Pharmaceutical and Medical Device Industries' Payments](#)

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3. [Cross Disciplinary Role Agreement is Needed When Coordinating Long-Term Opioid Prescribing for Cancer: a Qualitative Study](#)

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- K. F. Giannitrapani
- M. J. Silveira
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4. [How Do Patients Want Us to Use the Computer During Medical Encounters?—A Discrete Choice Experiment Study](#)

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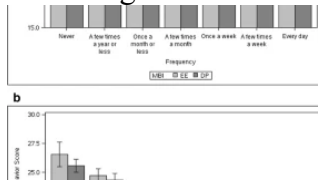
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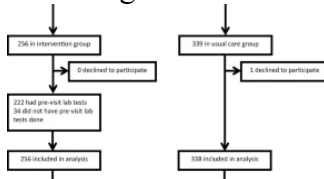
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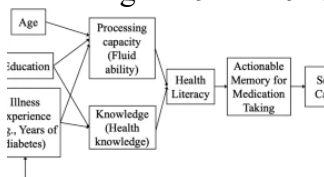
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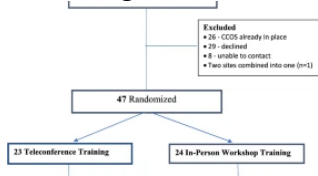


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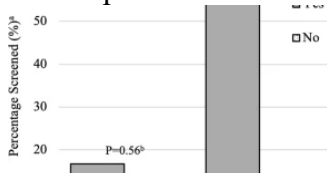
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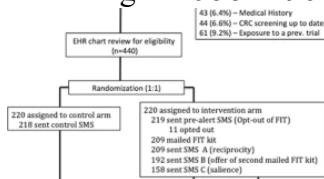
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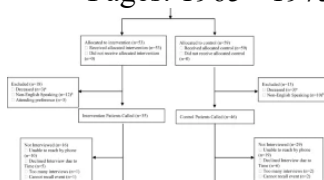
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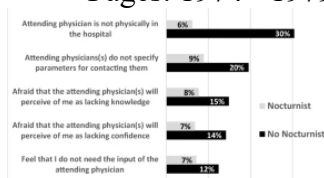
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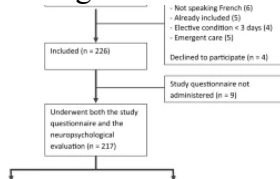
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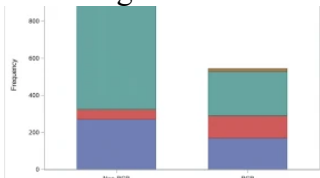
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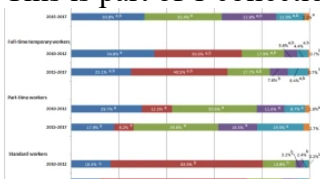


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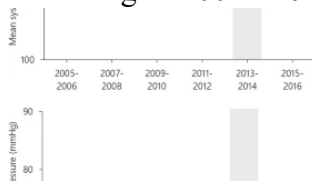
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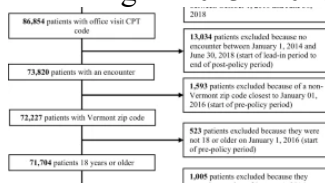
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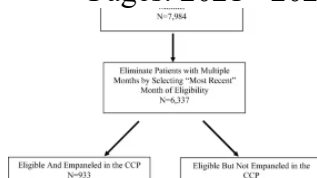
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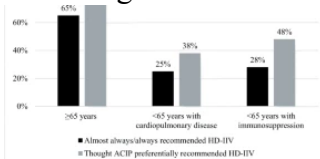
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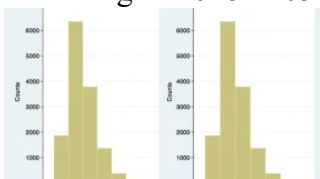
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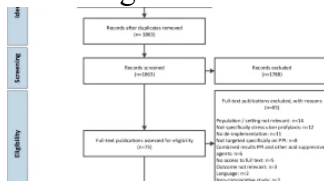
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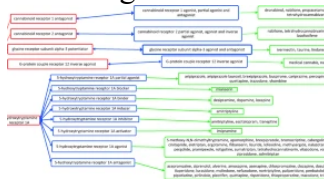
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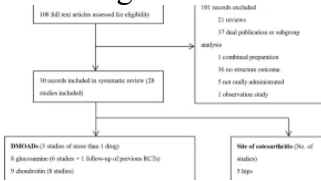


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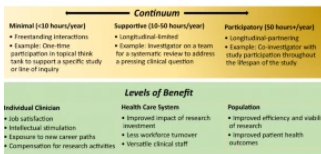
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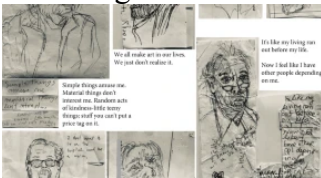
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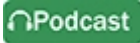
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