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OUR SESQUICENTENNIAL

The Journal celebrates its 150th anniversary year with a new look on the cover. *AJOG* was founded as the *American Journal of Obstetrics and Diseases of Women and Children* by its first editor-in-chief, Benjamin Franklin Dawson, MD (1847–88), who attended the Columbia University College of Physicians and Surgeons, served as assistant surgeon in the US Army in the last year of the Civil War, and is buried in Brooklyn, NY.

Our publisher, editors, and staff are proud to uphold the Journal's long tradition of presenting groundbreaking research and clinical observations in all aspects of obstetrics and gynecology. In upcoming issues, this space will highlight significant papers from *AJOG's* rich history.

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This review presents why Zika virus is still worrisome from new knowledge of anomalies in nonmicrocephalic infants to why related viruses may also injure the fetus.

SYSTEMATIC REVIEWS

- 57** Prenatal exposure to selective serotonin reuptake inhibitors and serotonin norepinephrine reuptake inhibitors and risk for persistent pulmonary hypertension of the newborn: a systematic review, meta-analysis, and network meta-analysis



Reem Masarwa; Benjamin Bar-Oz; Einat Gorelik; Shimon Reif; Amichai Perlman; Ilan Matok

Antidepressant therapy during pregnancy is associated with persistent pulmonary hypertension of the newborn. Among the antidepressants, sertraline seems to have a favorable safety profile.

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- 67** The importance of access to comprehensive reproductive health care, including abortion: a statement from women's health professional organizations

Eve Espey; Amanda Dennis; Uta Landy

At a time of increasing restrictions and legislative interference, 12 women's health professional organizations confirm support for access to comprehensive reproductive health care access, including abortion.

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James M. N. Duffy; Sue Ziebland; Peter von Dadelszen; Richard J. McManus
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74 Fetal growth and risk assessment: is there an impasse?Wessel Ganzevoort; Baskaran Thilaganathan; Ahmet Baschat;
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Elin Collins; Annika Strandell; Gabriel Granåsen; Annika Idahl

A retrospective cohort study based on the Swedish National Quality Register of Gynecological Surgery indicated increased risk of menopausal symptoms 1 year after opportunistic salpingectomy.

87 A group-based yoga program for urinary incontinence in ambulatory women: feasibility, tolerability, and change in incontinence frequency over 3 months in a single-center randomized trialAlison J. Huang; Margaret Chesney; Nadra Lisha; Eric Vittinghoff;
Michael Schembri; Sarah Pawlowsky; Amy Hsu; Leslee Subak

Ambulatory women found a 3-month, incontinence-specific yoga program to be well tolerated, although their 76% decrease in incontinence frequency was not significantly greater than among time-and-attention controls.

89 Effect of gabapentin on sexual function in vulvodynia: a randomized, placebo-controlled trialGloria A. Bachmann; Candace S. Brown; Nancy A. Phillips;
Leslie A. Rawlinson; Xinhua Yu; Ronald Wood; David C. Foster;
and the Gabapentin Study Group

Women with provoked vulvodynia showed improvement in sexual function with gabapentin treatment vs placebo.

91 Vulvovaginal candidiasis: histologic lesions are primarily polymicrobial and invasive and do not contain biofilmsAlexander Swidsinski; Alexander Guschin; Qionglan Tang; Yvonne Dörfel;
Hans Verstraelen; Alexander Tertychnyy; Guzel Khayrullina; Xin Luo;
Jack D. Sobel; Xuefeng JiangHistopathological lesions of vulvovaginal Candidiasis are primarily invasive and polymicrobial and include *Lactobacillus iners/crispatus* and less often *Gardnerella* and *Atopobium*. No *Candida* biofilms could be demonstrated.

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Leonie Speksnijder; Daniëlla M. J. Oom; Jeroen Van Bavel; Eric A. P. Steegers; Anneke B. Steensma

Mediolateral episiotomy has no association with levator avulsion, levator ballooning, or urogynecological complaints.

- 94 Interpersonal trauma and aging-related genitourinary dysfunction in a national sample of older women**
Carolyn J. Gibson; Nadra E. Lisha; Louise C. Walter; Alison J. Huang
Interpersonal trauma was associated with aging-related genitourinary complaints among 1551 older women, independent of demographic or clinical factors, and only mildly attenuated by tissue-specific markers of vaginal atrophy.

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 Jasmine Tay; Giulia Masini; Carmel M. McEniery; Dino A. Giussani; Caroline J. Shaw; Ian B. Wilkinson; Phillip R. Bennett; Christoph C. Lees
Low maternal cardiac output and high maternal vascular resistance are associated with and may drive abnormal uterine and fetal Doppler indices.

- 98 Hospital variation in utilization and success of trial of labor after a prior cesarean**
Xiao Xu; Henry C. Lee; Haiqun Lin; Lisbet S. Lundsberg; Katherine H. Campbell; Heather S. Lipkind; Christian M. Pettker; Jessica L. Illuzzi
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- 100 Early preterm preeclampsia outcomes by intended mode of delivery**
Elizabeth M. Coviello; Sara N. Iqbal; Katherine L. Grantz; Chun-Chih Huang; Helain J. Landy; Uma M. Reddy
Induction of labor for preeclampsia before 34 weeks is successful in almost half of women and needs to balance maternal and neonatal outcomes.

- 102 Gestational diabetes mellitus is associated with adverse outcomes in twin pregnancies**
Liran Hiersch; Howard Berger; Rania Okby; Joel G. Ray; Michael Geary; Sarah D. McDonald; Beth Murray-Davis; Catherine Riddell; Ilana Halperin; Haroon Hasan; Jon Barrett; Nir Melamed; for DOH-NET (Diabetes, Obesity and Hypertension in Pregnancy Research Network) and SOON (Southern Ontario Obstetrical Network) Investigators
Gestational diabetes mellitus is associated with some adverse pregnancy outcomes including accelerated fetal growth also in twin pregnancies.

ORIGINAL RESEARCH *(continued)***104** Maternal biomarkers for fetal heart failure in fetuses with congenital heart defects or arrhythmias

Takekazu Miyoshi; Hiroshi Hosoda; Michikazu Nakai; Kunihiro Nishimura; Mikiya Miyazato; Kenji Kangawa; Tomoaki Ikeda; Jun Yoshimatsu; Naoto Minamino

Maternal serum concentrations of proinflammatory cytokines and apoptotic and angiogenic factors were associated with fetal heart failure.

106 Cost-effectiveness of opportunistic salpingectomy vs tubal ligation at the time of cesarean delivery

Kartik K. Venkatesh; Leslie H. Clark; David M. Stamilio

Salpingectomy and tubal ligation with cesarean are cost-effective for cancer and pregnancy prevention, but peripartum salpingectomy risks and cancer risk reduction are not well characterized.

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108 The increased activity of a transcription factor inhibits autophagy in diabetic embryopathy

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A transcription factor mediates the inhibitory effect of maternal diabetes on autophagy.

110 Placental transcriptional and histologic subtypes of normotensive fetal growth restriction are comparable to preeclampsia

Isaac Gibbs; Katherine Leavey; Samantha J. Benton; David Gynspan;



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Gene expression profiling reveals 3 molecular subtypes of placentas from normotensive small-for-gestational-age pregnancies with suspected fetal growth restriction, which demonstrated enriched histologic and clinical features.

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113 A rare case of endometriosis invading external iliac vein causing deep vein thrombosis

Ma Li; Kailun Chen; Yoke Fai Fong

This case illustrates a rare case of endometriosis involving external iliac vein that caused deep vein thrombosis.

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116 Savings with expanding use of the levonorgestrel intrauterine device and fewer benign hysterectomies

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127 Magnetic resonance imaging management of placenta accrete spectrum

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CORRECTION

112 June 2018 (vol. 218, no. 6, pages 618.e1-7)

Inconsistencies were identified between the text and a figure in a June 2018 article on the use of MRI as an adjunct to ultrasound in managing placenta accreta spectrum disorders.

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10:15 AM–10:45 AM Late breaking research session
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10:45 AM–12:00 PM Poster Session I
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PAIN MANAGEMENT

Pain Management and Public Health: Introduction to the Special Section

Public Health Practice, Health Policy

Daniel B. Carr, Daniel M. Fox , Mark A. Rothstein and Christina M. Spellman

American Journal of Public Health: 109(1), pp. 17–18

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BENZODIAZEPINES

Toward Screening for High-Risk Benzodiazepine Users in Working Populations

Substance Use, Drugs, Socioeconomic Factors

Johannes Siegrist

American Journal of Public Health: 109(1), pp. 18–19

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DAVID AXELROD

Commissioner David Axelrod—Consummate Public Servant

Government, History, Public Health Practice, Health Policy, Public Health Workers, Health Professionals

Howard Alan Zucker

American Journal of Public Health: 109(1), pp. 19–21

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FOOD RETAIL

Obesity and Environmental Interventions in Tribal Nations

Allyson Kelley

American Journal of Public Health: 109(1), pp. 21–22

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DRUGS AND BIRTHS

Improving Public Health Systems for Substance-Affected Pregnancies

Pregnancy, Substance Use, Alcohol, Drugs, Public Health Practice, Maternal and Infant Health

Stephen W. Patrick

American Journal of Public Health: 109(1), pp. 22–23

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(698 KB\)](#) | [PDF Plus \(705 KB\)](#)

RURAL HEALTH

Moving From Public Health Surveillance to Action

Rural Health, Public Health Practice, Statistics/Evaluation/Research, Mortality, Surveillance

Elizabeth M. Stein and Patrick L. Remington

American Journal of Public Health: 109(1), pp. 23–24

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URBAN BLIGHT

Focusing on Places Rather Than Guns

Environment, Prevention, Other Environment, Public Health Practice, Epidemiology, Statistics/Evaluation/Research, Injury/Emergency Care/Violence, Other Statistics/Evaluation/Research

Etienne Blais

American Journal of Public Health: 109(1), pp. 25–26

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OPIOIDS IN MEXICO

Opioid Use Epidemic in Mexico: Global Solutions to a Global Problem

Global Health, Substance Use, Drugs, Prevention, Health Policy

Lawrence A. Palinkas

American Journal of Public Health: 109(1), pp. 26–27

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(612 KB\)](#) | [PDF Plus \(621 KB\)](#)

PUBLIC HEALTH OF CONSEQUENCE

Creating Policy-Relevant Evidence for Population Health Science: A Public Health of Consequence, January 2019

Epidemiology, Health Policy, Statistics/Evaluation/Research, Writing/Reviewing/Publishing, Other Statistics/Evaluation/Research

Sandro Galea and Roger Vaughan

American Journal of Public Health: 109(1), pp. 28–29

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CONFLICTS OF INTEREST

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US POLICY

Pain Management and Opioid Regulation: Continuing Public Health Challenges

Substance Use, Drugs, Health Law, Public Health Practice, Health Policy

Richard J. Bonnie, Mark A. Schumacher , J. David Clark and Aaron S. Kesselheim

American Journal of Public Health: 109(1), pp. 31–34

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MUSCULOSKELETAL PAIN

The Global Burden of Musculoskeletal Pain—Where to From Here?

Global Health, Epidemiology, Health Policy

Fiona M. Blyth, Andrew M. Briggs , Carmen Huckel Schneider , Damian G. Hoy and Lyn M. March

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PAIN FROM WAR

The Socioeconomic Burden of Pain From War

Other Health Service Delivery, Health Education, Mental Health, Injury/Emergency Care/Violence, Disability, Health Service Delivery

Rollin McCulloch Gallagher and Friedhelm Sandbrink

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COCHRANE LIBRARY

Evidence-Based Pain Management: Building on the Foundations of Cochrane Systematic Reviews

Chronic Disease, History, Statistics/Evaluation/Research, Other Statistics/Evaluation/Research

Dominic Aldington and Chris Eccleston

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CANNABIS

Cannabis for Chronic Pain: Not Ready for Prime Time

Daniel Carr and Michael Schatman

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ADEQUACY

Quantifying the Adequacy of Opioid Analgesic Consumption Globally: An Updated Method and Early Findings

Global Health, Epidemiology, Health Policy, Statistics/Evaluation/Research, Health Service Delivery, Other Statistics/Evaluation/Research

Willem K. Scholten, Ann-Eva Christensen , Anne Estrup Olesen and Asbjørn Mohr Drewes

American Journal of Public Health: 109(1), pp. 52–57

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AVAILABILITY

Solving the Global Crisis in Access to Pain Relief: Lessons From Country Actions

Chronic Disease, Global Health, Substance Use, Drugs, Other Chronic Disease, Health Policy, Health Reform, Health Service Delivery, Access to Care

Afsan Bhadelia, Liliana De Lima , Héctor Arreola-Ornelas , Xiaoxiao Jiang Kwete , Natalia M. Rodriguez and Felicia Marie Knaul

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HUMAN RIGHTS

Access to Pain Management as a Human Right

Global Health, Human Rights, Health Law

Frank Brennan, Diederik Lohman and Liz Gwyther

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REGULATION

The Strengths and Weaknesses of Current US Policy to Address Pain

Chronic Disease, Other Chronic Disease, Health Policy

Jacob Gross and Debra B. Gordon

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AJPH PERSPECTIVES

OPIOIDS IN MEXICO

Where Is the Opioid Use Epidemic in Mexico? A Cautionary Tale for Policymakers South of the US–Mexico Border

Global Health, Substance Use, Drugs, Immigration, Prevention, Health Policy

David Goodman-Meza, Maria Elena Medina-Mora , Carlos Magis-Rodríguez , Raphael J. Landovitz , Steve Shoptaw and Dan Werb

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400 Years of Inequality Since Jamestown of 1619

Other Race/Ethnicity, History, Race/Ethnicity, African Americans/Blacks

Thomas A. LaVeist, Mindy Fullilove and Robert Fullilove

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DAVID AXELROD

The Leadership Style of “The People’s Doctor”: A Contemporary Look Back at New York State Commissioner of Health David Axelrod, MD

Zainab Magdon-Ismael, Barry R. Sherman , Herbert Fillmore and Jeffrey Straussman

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AJPH LAW & ETHICS

BOREALI V AXELROD

The Legacy of 1987 *Boreali v. Axelrod*: Board of Health Rule-Making Under Siege

Chronic Disease, Government, History, Other Chronic Disease, Health Law, Public Health Practice, Health Policy

Sarah B. Perl, Thomas G. Merrill , Wilfredo Lopez and Mary T. Bassett

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VACCINES

California’s Senate Bill 277: Local Health Jurisdictions’ Experiences With the Elimination of Nonmedical Vaccine Exemptions

Health Policy

Salini Mohanty, Alison M. Bутtenheim , Caroline M. Joyce , Amanda C. Howa , Daniel Salmon and Saad B. Omer

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[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(805 KB\)](#) | [PDF Plus \(816 KB\)](#)

Trends and Characteristics of Proposed and Enacted State Legislation on Childhood Vaccination Exemption, 2011–2017

Immunization/Vaccines, Child and Adolescent Health, Health Law, Health Policy, Other Child and Adolescent Health

Neal D. Goldstein, Joanna S. Suder and Jonathan Purtle

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AJPH METHODS

CENTERS OF EXCELLENCE

Building New York State Centers of Excellence in Children’s Environmental Health: A Replicable Model in a Time of Uncertainty

Government, Environment, Prevention, Other Environment, Public Health Practice

Maida Galvez, Geoffrey Collins , Robert W. Amler , Allen Dozor, Evonne Kaplan-Liss , Joel Forman , Danielle Laraque-Arena , Ruth Lawrence , Richard Miller , Karen Miller, Perry Sheffield , Lauren Zajac and Philip J. Landrigan

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AJPH PRACTICE

JUSTICE INVOLVEMENT

The Share Project: Building Capacity of Justice-Involved Individuals, Policymakers, and Researchers to Collectively Transform Health Care Delivery

Chronic Disease, Other Chronic Disease, Public Health Practice, Statistics/Evaluation/Research, Community Health, Other Statistics/Evaluation/Research

Johanna Elumn Madera, Jenerius A. Aminawung , Amy Carroll-Scott , Joseph Calderon , Kei-Hoi Cheung , Luis Marengo , Karen Wang and Emily A. Wang

American Journal of Public Health: 109(1), pp. 113–115

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WALKING

WalkSafe Keeps Walking for 15 Years: A Program Review

Health Education, Prevention, Child and Adolescent Health, Public Health Practice, Exercise/Physical Activity, Injury/Emergency Care/Violence, Other Child and Adolescent Health

Sabine Delouche, Cristina Ballesteros , Daniela Flores , Bryan Pomares and Gillian Hotz

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AJPH OPEN-THEMED RESEARCH

BENZODIAZEPINES

Work-Related Stressors and Increased Risk of Benzodiazepine Long-Term Use: Findings From the CONSTANCES Population-Based Cohort

Substance Use, Drugs, Mental Health, Environment, Occupational Health, Prevention, Other Environment, Health Promotion

Guillaume Airagnes, Cédric Lemogne , Romain Olekhnovitch , Yves Roquelaure , Nicolas Hoertel , Marcel Goldberg , Frédéric Limosin and Marie Zins

American Journal of Public Health: 109(1), pp. 119–125

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HIV

Reduction in Gaps in High CD4 Count and Viral Suppression Between Transgender and Cisgender Persons Living With HIV in New York City, 2007–2016

Health Care Facilities/Services, HIV/AIDS, Epidemiology, Lesbian/Gay/Bisexual/Transgender Persons

Qiang Xia, Selam Seyoum , Ellen W. Wiewel , Lucia V. Torian and Sarah L. Braunstein

American Journal of Public Health: 109(1), pp. 126–131

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FOOD RETAIL

A Healthy Retail Intervention in Native American Convenience Stores: The THRIVE Community-Based Participatory Research Study

Nutrition/Food, Rural Health, Prevention, Race/Ethnicity, Community Health, Native Americans

Valarie Blue Bird Jernigan, Alicia L. Salvatore , Mary Williams, Marianna Wetherill , Tori Taniguchi , Tyli Jacob , Tamela Cannady , Mandy Grammar, Joy Standridge , Jill Fox, JoAnna Tingle Owens , Jennifer Spiegel , Charlotte Love , Travis Teague and Carolyn Noonan

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URBAN BLIGHT

Effect of Remediating Blighted Vacant Land on Shootings: A Citywide Cluster Randomized Trial

Environment, Prevention, Urban Health, Other Environment, Epidemiology, Injury/Emergency Care/Violence

Ruth Moyer, John M. MacDonald , Greg Ridgeway and Charles C. Branas

American Journal of Public Health: 109(1), pp. 140–144

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(1064 KB\)](#) | [PDF Plus \(932 KB\)](#)

E-CIGARETTES

Trends in Trust in the Sources of Health Information on E-Cigarettes Among US Adults, 2015–2017

Substance Use, Tobacco, Tobacco Control, Other Tobacco, Health Professionals

Daniel Owusu, Scott R. Weaver , Bo Yang , David L. Ashley and Lucy Popova

American Journal of Public Health: 109(1), pp. 145–147

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DRUGS & BIRTHS

Amphetamine- and Opioid-Affected Births: Incidence, Outcomes, and Costs, United States, 2004–2015

Substance Use, Drugs, Rural Health, Women's Health, Epidemiology, Statistics/Evaluation/Research, Maternal and Infant Health, Other Statistics/Evaluation/Research

Lindsay K. Admon, Gavin Bart , Katy B. Kozhimannil , Caroline R. Richardson , Vanessa K. Dalton and Tyler N. A. Winkelman

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RURAL HEALTH

Growth and Persistence of Place-Based Mortality in the United States: The Rural Mortality Penalty

Other Race/Ethnicity, Rural Health, Urban Health, Socioeconomic Factors, Statistics/Evaluation/Research, Race/Ethnicity, Mortality, Geography

Arthur G. Cosby, M. Maya McDoom-Echebiri , Wesley James , Hasna Khandekar , Willie Brown and Heather L. Hanna
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[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(965 KB\)](#) | [PDF Plus \(984 KB\)](#) | [Supplemental Material](#)

TRANSGENDER

Estimating the Prevalence of HIV and Sexual Behaviors Among the US Transgender Population: A Systematic Review and Meta-Analysis, 2006–2017

HIV/AIDS, Lesbian/Gay/Bisexual/Transgender Persons

Jeffrey S. Becasen, Christa L. Denard , Mary M. Mullins, Darrel H. Higa and Theresa Ann Sipe
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BREASTFEEDING

Paid Family Leave Effects on Breastfeeding: A Quasi-Experimental Study of US Policies

Other Race/Ethnicity, Other Maternal and Infant Health, Socioeconomic Factors, Health Policy, Statistics/Evaluation/Research, Race/Ethnicity, Health Promotion, Maternal and Infant Health, Other Statistics/Evaluation/Research

Rita Hamad, Sepideh Modrek and Justin S. White
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AJPH LETTERS AND RESPONSES

OPIOIDS OVERDOSE IN INMATES

You Only Die Twice

Substance Use, Drugs, Public Health Practice, Epidemiology, Statistics/Evaluation/Research, Mortality

Jean-Paul R. Soucy, Stephen A. Kutcher , Emily MacLean and Maida J. Sewitch
American Journal of Public Health: 109(1), pp. e9–e9
[Citation](#) | [Full Text](#) | [References](#) | [PDF \(471 KB\)](#) | [PDF Plus \(473 KB\)](#)

Ranapurwala et al. Respond

Epidemiology

Shabbar I. Ranapurwala, Meghan E. Shanahan , Apostolos A. Alexandridis , Scott Proescholdbell , Rebecca B. Naumann , Daniel Edwards Jr, and Stephen W. Marshall
American Journal of Public Health: 109(1), pp. e9–e10
[Citation](#) | [Full Text](#) | [References](#) | [PDF \(511 KB\)](#) | [PDF Plus \(515 KB\)](#)

OVERDOSE

Considering Potential Unintended Consequences of Collecting Identified Patient Data to Guide Nonfatal Overdose Response

Substance Use, Drugs, Health Law, Public Health Practice, Health Policy

Denise Paone, Bennett Allen and Michelle L. Nolan
American Journal of Public Health: 109(1), pp. e11–e11
[Citation](#) | [Full Text](#) | [References](#) | [PDF \(469 KB\)](#) | [PDF Plus \(471 KB\)](#)

Davis et al. Respond

Substance Use, Drugs, Health Law, Public Health Practice, Health Service Delivery, Access to Care

Corey S. Davis, Traci C. Green , Hector Hernandez-Delgado and Amy Judd Lieberman

American Journal of Public Health: 109(1), pp. e11–e12

Citation | Full Text | References | PDF (508 KB) | PDF Plus (513 KB)

OTHER DEPARTMENTS

Marketplace

American Journal of Public Health: 109(1), pp. 167–167

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Career Opportunities

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EDITOR’S CHOICE

SCIENCE VISIONING

Science Visioning in Minority Health and Health Disparities

Other Race/Ethnicity, Rural Health, Socioeconomic Factors, Race/Ethnicity

Eliseo J. Pérez-Stable and Francis S. Collins

American Journal of Public Health: 109(S1), pp. S5–S5
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OVERVIEW

OVERVIEW

An AJPH Supplement Toward a Unified Research Approach for Minority Health and Health Disparities

Other Race/Ethnicity, Socioeconomic Factors, Race/Ethnicity, Community Health

Luisa N. Borrell and Roger Vaughan

American Journal of Public Health: 109(S1), pp. S6–S7
[Citation](#) | [Full Text](#) | [References](#) | [PDF \(476 KB\)](#) | [PDF Plus \(477 KB\)](#)

APPROACHES

Novel Approaches to Advance Minority Health and Health Disparities Research

Other Race/Ethnicity, Rural Health, Socioeconomic Factors, Race/Ethnicity, Lesbian/Gay/Bisexual/Transgender Persons

Deborah G. Duran and Eliseo J. Pérez-Stable

American Journal of Public Health: 109(S1), pp. S8–S10
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VISION

Science Visioning to Advance the Next Generation of Health Disparities Research

Other Race/Ethnicity, Rural Health, Socioeconomic Factors, Statistics/Evaluation/Research, Race/Ethnicity, Lesbian/Gay/Bisexual/Transgender Persons, Other Statistics/Evaluation/Research

Deborah G. Duran and Eliseo J. Pérez-Stable
American Journal of Public Health: 109(S1), pp. S11–S13
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The National Advisory Council on Minority Health and Health Disparities Reflection

Other Race/Ethnicity, Race/Ethnicity, African Americans/Blacks, Asians, Health Service Delivery, Access to Care, Native Americans

Margarita Alegría, Maria Rosario Araneta and Brian Rivers
American Journal of Public Health: 109(S1), pp. S14–S15
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FRAMEWORK

The National Institute on Minority Health and Health Disparities Research Framework

Other Race/Ethnicity, Rural Health, Socioeconomic Factors, Statistics/Evaluation/Research, Race/Ethnicity, Community Health, Lesbian/Gay/Bisexual/Transgender Persons, Other Statistics/Evaluation/Research

Jennifer Alvidrez, Dorothy Castille, Maryline Laude-Sharp, Adelaida Rosario and Derrick Tabor
American Journal of Public Health: 109(S1), pp. S16–S20
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THEMES

Cross-Cutting Themes to Advance the Science of Minority Health and Health Disparities

Other Race/Ethnicity, Rural Health, Race/Ethnicity

Nancy L. Jones, Nancy Breen, Rina Das, Tilda Farhat and Richard Palmer
American Journal of Public Health: 109(S1), pp. S21–S24
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METHODS AND MEASUREMENT SCIENCE

MEASUREMENTS

Harmonizing Health Disparities Measurement

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

Deborah Duran, Yukiko Asada, Joseph Millum and Misrak Gezmu
American Journal of Public Health: 109(S1), pp. S25–S27
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CAUSALITY

Methodological Approaches to Understanding Causes of Health Disparities

Social Science, Epidemiology, Statistics/Evaluation/Research, Qualitative Research

Neal Jeffries, Alan M. Zaslavsky, Ana V. Diez Roux, John W. Creswell, Richard C. Palmer, Steven E. Gregorich, James D. Reschovsky, Barry I.

Graubard, Kelvin Choi, Ruth M. Pfeiffer, Xinzhi Zhang and Nancy Breen

American Journal of Public Health: 109(S1), pp. S28–S33

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EVALUATION

The Importance of Evaluating Health Disparities Research

Public Health Practice, Statistics/Evaluation/Research, Other Statistics/Evaluation/Research

Bruce A. Dye, Deborah G. Duran, David M. Murray, John W. Creswell, Patrick Richard, Tilda Farhat, Nancy Breen and Michael M. Engelgau

American Journal of Public Health: 109(S1), pp. S34–S40

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(534 KB\)](#) | [PDF Plus \(564 KB\)](#)

TRANSLATION

Translational Health Disparities Research in a Data-Rich World

Statistics/Evaluation/Research, Other Statistics/Evaluation/Research

Nancy Breen, James S. Jackson, Frederick Wood, David W. S. Wong, Xinzhi Zhang and The Data in Health Disparities Writing Team

American Journal of Public Health: 109(S1), pp. S41–S42

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(487 KB\)](#) | [PDF Plus \(492 KB\)](#)

ETIOLOGY SCIENCE

RACISM

Racism and the Life Course: Taking Time Seriously

Other Race/Ethnicity, Aging, Human Rights, Social Science, Child and Adolescent Health, Race/Ethnicity, Community Health, Other Child and Adolescent Health

Gilbert C. Gee, Anna Hing, Selina Mohammed, Derrick C. Tabor and David R. Williams

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[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(684 KB\)](#) | [PDF Plus \(707 KB\)](#)

LIFE COURSE APPROACHES

Life Course Approaches to the Causes of Health Disparities

Other Race/Ethnicity, Social Science, Health Policy, Race/Ethnicity, Community Health

Nancy L. Jones, Stephen E. Gilman, Tina L. Cheng, Stacy S. Drury, Carl V. Hill and Arline T. Geronimus

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BIOLOGICAL MECHANISMS

From the Outside In: Biological Mechanisms Linking Social and Environmental Exposures to Chronic Disease and to Health Disparities

Chronic Disease, Other Race/Ethnicity, Other Chronic Disease, Environment, Socioeconomic Factors, Race/Ethnicity, Genetics, Maternal and Infant Health

Susan P. Bagby, Damali Martin, Stephanie T. Chung and Nishadi Rajapakse

American Journal of Public Health: 109(S1), pp. S56–S63

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HEALTH SERVICES

Advancing Health Services Research to Eliminate Health Care Disparities

Quality of Care, Other Race/Ethnicity, Other Health Service Delivery, Health Care Facilities/Services, Health Policy, Race/Ethnicity, Health Service Delivery, Access to Care

Joan Wasserman, Richard C. Palmer , Marcia M. Gomez , Rick Berzon , Said A. Ibrahim and John Z. Ayanian

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SOCIAL DETERMINANTS

Social Determinants of Health: Future Directions for Health Disparities Research

Health Education, Public Health Practice, Socioeconomic Factors, Health Service Delivery

Richard C. Palmer, Deborah Ismond , Erik J. Rodriguez and Jay S. Kaufman

American Journal of Public Health: 109(S1), pp. S70–S71

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INTERVENTIONS SCIENCE

STRUCTURAL INTERVENTIONS

Structural Interventions to Reduce and Eliminate Health Disparities

Other Race/Ethnicity, Environment, Other Environment, Socioeconomic Factors, Race/Ethnicity, Community Health

Arleen F. Brown, Grace X. Ma , Jeanne Miranda , Eugenia Eng , Dorothy Castille , Teresa Brockie , Patricia Jones , Collins O. Airhihenbuwa , Tilda Farhat, Lin Zhu and Chau Trinh-Shevrin

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BEHAVIORAL TECHNOLOGY

Behavioral Interventions Using Consumer Information Technology as Tools to Advance Health Equity

Chronic Disease, Other Race/Ethnicity, Other Chronic Disease, Social Science, Socioeconomic Factors, Ethics, Race/Ethnicity

Suzanne Bakken, Sue Marden , S. Sonia Arteaga , Lisa Grossman , Alla Keselman , Phuong-Tu Le , Ruth Masterson Creber , Tiffany M. Powell-Wiley, Rebecca Schnall , Derrick Tabor , Rina Das and Tilda Farhat

American Journal of Public Health: 109(S1), pp. S79–S85

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(637 KB\)](#) | [PDF Plus \(672 KB\)](#) | [Supplemental Material](#)

MULTILEVEL INTERVENTIONS

Designing and Assessing Multilevel Interventions to Improve Minority Health and Reduce Health Disparities

Other Race/Ethnicity, Prevention, Public Health Practice, Socioeconomic Factors, Statistics/Evaluation/Research, Race/Ethnicity, Other Statistics/Evaluation/Research

Tanya Agurs-Collins, Susan Persky , Electra D. Paskett , Shari L. Barkin , Helen I. Meissner , Tonja R. Nansel , Sonia S. Arteaga , Xinzhi Zhang , Rina Das and Tilda Farhat

American Journal of Public Health: 109(S1), pp. S86–S93

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Building the Evidence Base to Inform Planned Intervention Adaptations by Practitioners Serving Health Disparity Populations

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Jennifer Alvidrez, Anna María Nápoles , Guillermo Bernal , Jacqueline Lloyd , Victoria Cargill , Dionne Godette , Lisa Cooper , Maria Yellow Horse Brave Heart, Rina Das and Tilda Farhat

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Sideways Progress in Intervention Research Is Not Sufficient to Eliminate Health Disparities

Other Race/Ethnicity, Rural Health, Socioeconomic Factors, Race/Ethnicity, Community Health, Lesbian/Gay/Bisexual/Transgender Persons, Health Service Delivery

Jennifer Alvidrez and Nathan Stinson Jr
American Journal of Public Health: 109(S1), pp. S102–S104
[Citation](#) | [Full Text](#) | [References](#) | [PDF \(684 KB\)](#) | [PDF Plus \(692 KB\)](#)

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Supplement 1 2019
New Perspectives to Advance Minority Health and Health Disparities Research

In this special supplement funded by the National Institute on Minority Health and Health Disparities, *AJPH* presents research and perspectives focused on expanding methodological approaches to monitor and reduce health disparities for minority populations. The Guest Editors for this issue were: Nancy Breen, PhD, Rina Das, PhD, Tilda Farhat, PhD, MPH, Nancy Jones, PhD, and Richard Palmer, DrPH, JD.

External funding for this issue was provided by the National Institute on Minority Health and Health Disparities, National Institutes of Health, Bethesda, MD.

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Comparative Analysis of Biopsy Upgrading in Four Prostate Cancer Active Surveillance Cohorts 1

L.Y.T. Inoue, D.W. Lin, L.F. Newcomb, A.S. Leonardson, D. Ankerst, R. Gulati, H.B. Carter, B.J. Trock, P.R. Carroll, M.R. Cooperberg, J.E. Cowan, L.H. Klotz, A. Mamedov, D.F. Penson, and R. Etzioni

Active surveillance of biopsy-proven low-risk prostate cancer, rather than immediate treatment with surgery or radiation, is becoming increasingly popular. However, there is no consensus about optimal protocols and intervals for such surveillance. The authors estimated the risk for biopsy upgrading in 4 large cohorts of patients enrolled in active surveillance studies and predicted the effects of annual versus biennial biopsies.

Cost-Effectiveness of Publicly Funded Treatment of Opioid Use Disorder in California 10

E. Krebs, B. Enns, E. Evans, D. Urada, M.D. Anglin, R.A. Rawson, Y.I. Hser, and B. Nosyk

Similar to other chronic illnesses, opioid use disorder is characterized by frequent relapse, with an extraordinarily high risk for death in the 2-week period after treatment interruption. Currently, many patients are provided access only to time-limited treatment. The authors did a cost-effectiveness analysis comparing opioid agonist therapy for all individuals presenting with opioid use disorder with the current standard of time-limited, medically managed withdrawal.

Effect of Several Negative Rounds of Human Papillomavirus and Cytology Co-testing on Safety Against Cervical Cancer. An Observational Cohort Study 20

P.E. Castle, W.K. Kinney, X. Xue, L.C. Cheung, J.C. Gage, F.H. Zhao, B. Fetterman, N.E. Poitras, T.S. Lorey, N. Wentzensen, H.A. Katki, and M. Schiffman

The optimal interval for concurrent high-risk human papillomavirus (HPV) and cytology testing (co-testing) to detect cervical cancer and its precursors is a question of great interest. Data from a large regional integrated health system were analyzed to determine whether a history of negative high-risk HPV and cytology co-testing results at 3 or 5 years has an effect on such detection.

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Physical Activity Interventions in Preventing Cognitive Decline and Alzheimer-Type Dementia. A Systematic Review 30

M. Brasure, P. Desai, H. Davila, V.A. Nelson, C. Calvert, E. Jutkowitz, M. Butler, H.A. Fink, E. Ratner, L.S. Hemmy, J.R. McCarten, T.R. Barclay, and R.L. Kane

This systematic review examines whether physical activity interventions slow cognitive decline and delay the onset of cognitive impairment and dementia.

CME/MOC quiz available at Annals.org

Pharmacologic Interventions to Prevent Cognitive Decline, Mild Cognitive Impairment, and Clinical Alzheimer-Type Dementia. A Systematic Review 39

H.A. Fink, E. Jutkowitz, J.R. McCarten, L.S. Hemmy, M. Butler, H. Davila, E. Ratner, C. Calvert, T.R. Barclay, M. Brasure, V.A. Nelson, and R.L. Kane

This systematic review summarizes evidence on the efficacy and harms of pharmacologic interventions to prevent or delay cognitive decline in adults with normal cognition or mild cognitive impairment.

CME/MOC quiz available at Annals.org

Over-the-Counter Supplement Interventions to Prevent Cognitive Decline, Mild Cognitive Impairment, and Clinical Alzheimer-Type Dementia. A Systematic Review 52

M. Butler, V.A. Nelson, H. Davila, E. Ratner, H.A. Fink, L.S. Hemmy, J.R. McCarten, T.R. Barclay, M. Brasure, and R.L. Kane

This systematic review discusses the effects of over-the-counter supplements on cognitive performance and incident dementia outcomes for adults with normal cognition or mild cognitive impairment.

CME/MOC quiz available at Annals.org

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Does Cognitive Training Prevent Cognitive Decline? A Systematic Review 63

M. Butler, E. McCreedy, V.A. Nelson, P. Desai, E. Ratner, H.A. Fink, L.S. Hemmy, J.R. McCarten, T.R. Barclay, M. Brasure, H. Davila, and R.L. Kane

This systematic review addresses the effects of cognitive training on cognitive performance and incident dementia outcomes for adults with normal cognition or mild cognitive impairment.

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On the Communicability of Chronic Diseases 69

R.T. Demmer and J.A. Barondess

The World Health Organization now classifies chronic diseases, including cancer, heart disease, and type 2 diabetes, as noncommunicable. The authors present an alternative way to characterize such disorders, arguing that such reframing might improve their prevention and control.

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K.R. Courtright, J.B. Cassel, and S.D. Halpern

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More Beds or More Chairs? Using a Science-Based Approach to Address the Opioid Epidemic 73

J.M. Tetrault and D.A. Fiellin

Krebs and colleagues showed that immediate access to opioid agonist treatment (OAT) for all patients with opioid use disorder seeking treatment in California's publicly funded treatment programs is cost-effective compared with the state-level standard of time-limited medically supervised withdrawal. The editorialists discuss the findings and conclude that we must use fewer health care resources on medically supervised withdrawal "beds" and more on outpatient "chairs" for OAT.

Cervical Cancer Screening: The Transformational Role of Routine Human Papillomavirus Testing 75

G. Ronco and S. Franceschi

Castle and colleagues provided essential new information on the effectiveness of repeated rounds of HPV-based screening to prevent invasive cervical cancer and high-grade cervical intraepithelial neoplasia. The

editorialists discuss the implications of the findings for modifying cervical cancer screening strategies.

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E.B. Larson

The 4 evidence-based reviews from the Minnesota Evidence-based Practice Center summarized findings from randomized controlled trials on the effectiveness of interventions to prevent cognitive decline, mild cognitive impairment, and clinical Alzheimer-type dementia. The editorialist discusses the findings in light of recent reports on the issue and concludes that although no magic bullet can prevent dementia, multicomponent interventions that promote a healthy lifestyle hold some promise.

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Long-Term Outcomes Among Patients Discharged From the Hospital With Moderate Anemia. 81

A Retrospective Cohort Study

N.H. Roubinian, E.L. Murphy, D.G. Mark, D.J. Triulzi, J.L. Carson, C. Lee, P. Kipnis, S. Kleinman, V.X. Liu, and G.J. Escobar
Randomized clinical trials have shown similar outcomes with less frequent transfusions in hospitalized patients with moderate anemia. Longer-term clinical outcomes associated with a restrictive approach to transfusion have not been well described. This analysis of data from Kaiser Permanente Northern California describes the prevalence of moderate anemia among patients discharged from the hospital as well as 6-month outcomes in these patients.

Cost-Effectiveness of Buprenorphine-Naloxone Versus Extended-Release Naltrexone to Prevent Opioid Relapse 90

S.M. Murphy, K.E. McCollister, J.A. Leff, X. Yang, P.J. Jeng, J.D. Lee, E.V. Nunes, P. Novo, J. Rotrosen, and B.R. Schackman
The U.S. Food and Drug Administration approved 3 medications for first-line treatment of opioid use disorder: methadone, buprenorphine, and naltrexone. Buprenorphine is usually combined with naloxone to prevent misuse and is administered orally once daily; naltrexone is frequently administered as an injection once a month. This study analyzes how the differences in measures of effectiveness and cost between buprenorphine-naloxone and extended-release naltrexone interact to determine whether either medication provides better value.

Effectiveness and Safety of Reference Infliximab and Biosimilar in Crohn Disease: A French Equivalence Study 99

A. Meyer, J. Rudant, J. Drouin, A. Weill, F. Carbonnel, and J. Coste

CT-P13 is a biosimilar of the reference product infliximab and is an approved treatment for ankylosing spondylitis and rheumatoid arthritis. Regulatory agencies extended the approval of CT-P13 to other inflammatory conditions, including Crohn disease. This analysis of French nationwide health administrative data compares outcomes among patients with Crohn disease treated with CT-P13 or infliximab.

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Limitations and Misinterpretations of E-Values for Sensitivity Analyses of Observational Studies 108

J.P. Ioannidis, Y.J. Tan, and M.R. Blum

E-values—a type of sensitivity analysis—are measures that may be used to assess how robust an association reported in an observational study is to potential unmeasured confounding. In

this article, the authors posit several limitations of E-values and discuss how these measures may be misinterpreted.

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S.D. Pizer, A.B. Frakt, K. Sheetz, and C. Clancy
The recently established Center for Innovation for Care and Payment will give the U.S. Department of Veterans Affairs (VA) the ability to test novel payment and service delivery models; will facilitate the VA's shift toward value-based coverage strategies, with a greater emphasis on population health; and will empower the VA to collaborate with other payers to drive improvements in quality, costs, and efficiency. The authors discuss these opportunities as well as the risks for unintended consequences.

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L.P. Casalino, R. Saiani, S. Bhidya, D. Khullar, and E. O'Donnell
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L.L. Berry

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**Being Explicit About Decisions: Prescribe
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Proven Effectiveness, Not Beliefs** 127
J.A. Barocas and R. Saitz
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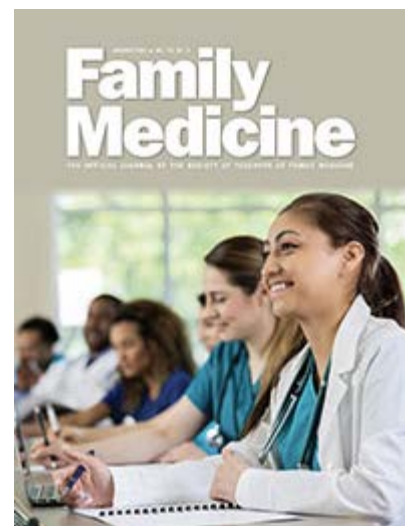
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Beat Steiner, MD, MPH | Frederick M. Chen, MD, MPH | Stacy H. Brungardt, CAE | Stephen A. Wilson, MD, MPH



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  JAMA. 2019;321(1):7-9. doi:10.1001/jama.2018.15135

 **Audio Summary:** Medical Marketing in the US, Effect of Antiplatelet Co-Pay Vouchers on CVD Outcomes, Linagliptin and CVD in T2DM, and more

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Evolving Issues in Oncology

Risk-Reducing Mastectomy in *BRCA1* and *BRCA2* Mutation Carriers: A Complex Discussion

Susan M. Domchek, MD

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

JAMA. 2019;321(1):27. doi:10.1001/jama.2018.18942

This Viewpoint reviews the benefits and risks of risk-reducing mastectomy in otherwise healthy women with *BRCA1* and *BRCA2* mutations to inform discussions about the proceeding with or foregoing the procedure, and it calls for continued research to understand how to better individualize risk and prevent disease nonsurgically.

Humanizing Artificial Intelligence

Sonoo Thadaney Israni, MBA; Abraham Verghese, MD

Abstract | Full Text

 JAMA. 2019;321(1):29-30. doi:10.1001/jama.2018.19398

In this Viewpoint, Abraham Verghese and Sonoo Thadaney Israni acknowledge the promise of artificial intelligence (AI) for health care, but argue that developers must work with physicians to ensure that any AI health care system helps clinicians deliver better, more equitable humanistic care, not just more accurate, scientific care.

 **Audio Interview:** Humanizing Artificial Intelligence

Questions for Artificial Intelligence in Health Care

Thomas M. Maddox, MD, MSc; John S. Rumsfeld, MD, PhD; Philip R. O. Payne, PhD

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JAMA. 2019;321(1):31-32. doi:10.1001/jama.2018.18932

This Viewpoint discusses questions that should be addressed to successfully integrate artificial intelligence into clinical care.

Health as a Way of Doing Business

Howard K. Koh, MD, MPH; Sara J. Singer, PhD, MBA; Amy C. Edmondson, PhD

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JAMA. 2019;321(1):33-34. doi:10.1001/jama.2018.18935

In this Viewpoint, Howard Koh and colleagues discuss the value the public places on corporations that actively promote community health and environmental responsibility, and innovative business strategies that some corporations have implemented to advance consumer, employee, community, and environmental health.

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A Piece of My Mind

The Weight of the White Coat

Anna Goshua, BHSc

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

JAMA. 2019;321(1):35-36. doi:10.1001/jama.2018.20149

In this narrative medicine essay, a medical student reflects on her first assigned encounter with a patient during which she managed 6 minutes of conversation, short of the 10 minutes required, throwing her into grave self-doubt about her future profession until she enjoys a spontaneous conversation at the Department of Motor Vehicles and realizes that talking is not a test.

Editorial

Medication Co-payment Vouchers, Adherence With Antiplatelet Therapy, and Adverse Cardiovascular Events After Myocardial Infarction

Cynthia A. Jackevicius, BScPhm, PharmD, MSc; Dennis T. Ko, MD, MSc

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

JAMA. 2019;321(1):37-39. doi:10.1001/jama.2018.20396

Medical Marketing, Trust, and the Patient-Physician Relationship

Selena E. Ortiz, PhD, MPH; Meredith B. Rosenthal, PhD

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

☐ *JAMA*. 2019;321(1):40-41. doi:10.1001/jama.2018.19324

Medical Marketing in the United States—A Truly Special

Communication

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

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

□ JAMA. 2019;321(1):42-43. doi:10.1001/jama.2018.20505

Original Investigation

Effect of Medication Co-payment Vouchers on P2Y₁₂ Inhibitor Use and Major Adverse Cardiovascular Events Among Patients With Myocardial Infarction: The ARTEMIS Randomized Clinical Trial

Tracy Y. Wang, MD, MHS, MSc; Lisa A. Kaltenbach, MS; Christopher P. Cannon, MD; et al.

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

□ JAMA. 2019;321(1):44-55. doi:10.1001/jama.2018.19791

This cluster randomized clinical trial evaluated the effect of a voucher to offset medication co-payment costs on persistent P2Y₁₂ inhibitor use and on risk of major adverse cardiovascular events (MACE) at 1 year among adult patients with myocardial infarction discharged with prescriptions for clopidogrel or ticagrelor.

Editorial

Medication Co-payment Vouchers, Adherence With Antiplatelet Therapy, and Adverse Cardiovascular Events After Myocardial Infarction

Cynthia A. Jackevicius, BScPhm, PharmD, MSc; Dennis T. Ko, MD, MSc

Effect of Low-Dose Intracoronary Alteplase During Primary Percutaneous Coronary Intervention on Microvascular Obstruction in Patients With Acute Myocardial Infarction: A Randomized Clinical Trial

Peter J. McCartney, MBChB; Hany Eteiba, MD; Annette M. Maznyczka, MBChB; et al.

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

☐ *JAMA*. 2019;321(1):56-68. doi:10.1001/jama.2018.19802

This randomized clinical trial examined whether low-dose intracoronary fibrinolytic therapy with alteplase infused after reperfusion but before stent implant reduced microvascular obstruction among patients with acute ST-segment elevation MI.

Effect of Linagliptin vs Placebo on Major Cardiovascular Events in Adults With Type 2 Diabetes and High Cardiovascular and Renal Risk: The CARMELINA Randomized Clinical Trial

Julio Rosenstock, MD; Vlado Perkovic, MBBS, PhD; Odd Erik Johansen, MD, PhD; et al.

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

JAMA. 2019;321(1):69-79. doi:10.1001/jama.2018.18269

This randomized clinical trial compares the effects of the dipeptidyl peptidase 4 inhibitor linagliptin vs placebo plus usual care on cardiovascular (CV) and renal outcomes in adults with type 2 diabetes and high CV and renal risk.

Special Communication

Medical Marketing in the United States, 1997-2016

Lisa M. Schwartz, MD, MS; Steven Woloshin, MD, MS

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

☐ ☐ *JAMA*. 2019;321(1):80-96. doi:10.1001/jama.2018.19320

In this study, Schwartz and Woloshin estimate that spending on marketing of prescription drugs, disease awareness, and health and laboratory services in the US increased from \$17.7 to \$29.9 billion between 1997 and 2016, with the most rapid increase in direct-to-consumer (DTC) advertising of drugs (mainly high-cost biologics and cancer immunotherapy) and disease awareness campaigns.

| [Editorial](#)

Medical Marketing, Trust, and the Patient-Physician Relationship

Selena E. Ortiz, PhD, MPH; Meredith B. Rosenthal, PhD

Medical Marketing in the United States—A Truly Special Communication

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

Editor's Note

A Tribute to Lisa M. Schwartz, MD, MS

Howard Bauchner, MD

JAMA Clinical Challenge

A Patient With an Elevated α -Fetoprotein Level and Liver Masses

Adam E. Mikolajczyk, MD; Lindsay J. Yassan, MD; Anjana A. Pillai, MD

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

JAMA. 2019;321(1):97-98. doi:10.1001/jama.2018.18435

A 55-year-old man with several weeks of malaise, a 6.8-kg weight loss, a CT scan with multifocal liver masses and elevated alkaline phosphatase, ALT, and AFP levels had a heterogeneously enhancing pancreatic-tail mass on triple-phase CT. What would you do next?

From The Medical Letter on Drugs and Therapeutics

Hydrogen Peroxide 40% (Eskata) for Seborrheic Keratoses

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

JAMA. 2019;321(1):99-100. doi:10.1001/jama.2018.16100

This Medical Letter review summarizes the mechanism of action, adverse effects, and dose and administration of hydrogen peroxide 40% topical solution (Eskata), a recently approved treatment for seborrheic keratoses.

Research Letter

Primary Care Nurse Practitioners and Physicians in Low-Income and Rural Areas, 2010-2016

Ying Xue, DNSc, RN; Joyce A. Smith, PhD, RN, ANP; Joanne Spetz, PhD

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

JAMA. 2019;321(1):102-105. doi:10.1001/jama.2018.17944

This study analyzes trends in the distribution of nurse practitioners and primary care physicians in low-income and rural areas.

Editor's Note

A Tribute to Lisa M. Schwartz, MD, MS

Howard Bauchner, MD

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

☐ JAMA. 2019;321(1):96. doi:10.1001/jama.2018.20566

Medical News & Perspectives

Black Lung Resurgence Raises New Challenges for Coal Country Physicians

Rebecca Voelker, MSJ

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

JAMA. 2019;321(1):17-19. doi:10.1001/jama.2018.15966

In this Medical News & Perspectives article, experts discuss how physicians deal with increasing black lung disease cases among Appalachian miners, many at younger ages than in the past.

For Nobel Peace Prize Winner Dr Denis Mukwege, His Patients Motivate and Inspire

Rita Rubin, MA

Abstract | **Full Text**

 JAMA. 2019;321(1):19-21. doi:10.1001/jama.2018.18199

This Medical News article is an interview with Denis Mukwege, MD, cowinner of the 2018 Nobel Peace Prize.

 **Audio:** For Nobel Peace Prize Winner Dr Denis Mukwege, His Patients Motivate and Inspire

News From the Food and Drug Administration

A First in Non-Hodgkin Lymphoma Treatment

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(1):23. doi:10.1001/jama.2018.20501

Oleic Acid Can Make Heart Claim Without Hard Evidence

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(1):23. doi:10.1001/jama.2018.19747

New Acute Myeloid Leukemia Therapy

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(1):23. doi:10.1001/jama.2018.20416

Bench to Bedside

Optimized Arylomycins May Help Address Antibiotic Resistance

Tracy Hampton, PhD

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

JAMA. 2019;321(1):21-22. doi:10.1001/jama.2018.19981

Comment & Response

Laryngeal Tube Insertion vs Endotracheal Intubation for Out-of-Hospital Cardiac Arrest

Liang Huang, MD, PhD; Carin Hagberg, MD; Henry Liu, MD

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

JAMA. 2019;321(1):105. doi:10.1001/jama.2018.18107

Laryngeal Tube Insertion vs Endotracheal Intubation for Out-of-Hospital Cardiac Arrest—Reply

Henry E. Wang, MD, MS; Robert H. Schmicker, MS; Mohamud R. Daya, MD, MS

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

JAMA. 2019;321(1):105-106. doi:10.1001/jama.2018.18115

Potential Unintended Effects of Medicare’s Bundled Payments for Care Improvement Program

Alyssa Bilinski, MS; Laura Hatfield, PhD

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

JAMA. 2019;321(1):106. doi:10.1001/jama.2018.18158

Potential Unintended Effects of Medicare's Bundled Payments for Care Improvement Program

William B. Weeks, MD, PhD, MBA; Elliott S. Fisher, MD, MPH

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

JAMA. 2019;321(1):106-107. doi:10.1001/jama.2018.18150

Potential Unintended Effects of Medicare's Bundled Payments for Care Improvement Program—Reply

Amol S. Navathe, MD, PhD; Joshua M. Liao, MD, MSc; Ezekiel J. Emanuel, MD, PhD

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

JAMA. 2019;321(1):107-108. doi:10.1001/jama.2018.18162

The Arts and Medicine

Cardiac Cruciverbalism

Bruce Haight, MD

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

JAMA. 2019;321(1):16. doi:10.1001/jama.2018.16953

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

Poetry and Medicine

Garden of Endurance

Jack Coulehan, MD

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

JAMA. 2019;321(1):109. doi:10.1001/jama.2018.12270

JAMA Revisited

Prehistoric Surgery

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

JAMA. 2019;321(1):110. doi:10.1001/jama.2018.15143

JAMA Patient Page

Diabetic Foot Ulcers

Dara Grennan, MD

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

☐ JAMA. 2019;321(1):114. doi:10.1001/jama.2018.18323

This JAMA Patient Page describes risks, treatment, and prevention of foot ulcers in people with diabetes.

JAMA Masthead

JAMA

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

☐ JAMA. 2019;321(1):11-12. doi:10.1001/jama.2018.15136



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January 15, 2019, Vol 321, No. 2, Pages 119-216

In This Issue of JAMA

Highlights

Abstract | **Full Text**

  JAMA. 2019;321(2):119-121. doi:10.1001/jama.2018.15146

 **Audio Summary:** Effect of FMT on Ulcerative Colitis, HSCT for MS, Review of Penicillin Allergy, and more

Viewpoint

Rethinking How Antibiotics Are Prescribed: Incorporating the 4 Moments of Antibiotic Decision Making Into Clinical Practice

Pranita D. Tamma, MD, MHS; Melissa A. Miller, MD, MS; Sara E. Cosgrove, MD, MS

Abstract | **Full Text**

JAMA. 2019;321(2):139-140. doi:10.1001/jama.2018.19509

This Viewpoint summarizes recommendations from the Agency for Healthcare Research and Quality for improving antibiotic use and safety that encourages clinicians to ask if antibiotics are necessary, and to use testing and deliberate judgment to decide which ones, for how long, and if coverage can be narrowed or the drugs stopped altogether.

Physicians' Voices on Gun Violence and Other Important Public Health Issues

Sandro Galea, MD, DrPH

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

JAMA. 2019;321(2):141-142. doi:10.1001/jama.2018.20754

In this Viewpoint, Sandro Galea acknowledges reasons physicians have traditionally been hesitant to speak out publicly on matters of politics and public health, and reviews how shifting roles and means of communication are forcing practitioners to reconsider that hesitancy and engage in controversies of public health concern, such as gun violence.

Free Medical School Tuition: Will It Accomplish Its Goals?

Billy Thomas, MD, MPH

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

JAMA. 2019;321(2):143-144. doi:10.1001/jama.2018.19457

This Viewpoint discusses free or reduced tuition programs for medical students and the implications for diversifying the health care workforce, filling shortages in primary care specialties, improving patient access, closing the health disparities gap, and improving population health.

Challenges of Non–Intention-to-Treat Analyses

David L. DeMets, PhD; Thomas Cook, PhD

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

JAMA. 2019;321(2):145-146. doi:10.1001/jama.2018.19192

This Viewpoint reviews the rationale for intention-to-treat (ITT) analyses of randomized trials, explains how commonly used alternatives reintroduce confounding that randomization is intended to eliminate, and emphasizes that even an ITT analysis is no substitute for informed scientific and clinical judgement when interpreting trial results.

Medicare’s Approach to Paying for Services That Promote Coordinated Care

Joshua M. Liao, MD, MSc; Amol S. Navathe, MD, PhD; Matthew J. Press, MD, MSc

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

JAMA. 2019;321(2):147-148. doi:10.1001/jama.2018.19315

This Viewpoint discusses new fee-for-service billing codes introduced by CMS for reimbursement of virtual care including e-consults, remote physiologic monitoring, and video and image review, and proposes strategies to incentivize the activities to promote coordinated care.

Advertisement

A Piece of My Mind

The Unicorn

Ofole Mgbako, MD

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

JAMA. 2019;321(2):149-150. doi:10.1001/jama.2018.21048

In this narrative medicine essay, a black physician relates the surprise and joy a black patient has when a he meets a black doctor in the examination room and comments on the need for medical schools to step up recruitment and training of a diverse physician workforce.

Editorial

Manipulating the Microbiome With Fecal Transplantation to Treat Ulcerative Colitis

Colleen R. Kelly, MD; Ashwin N. Ananthakrishnan, MD, MPH

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

JAMA. 2019;321(2):151-152. doi:10.1001/jama.2018.20397

Stem Cell Transplantation to Treat Multiple Sclerosis

Harold Atkins, MD, FRCPC

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

JAMA. 2019;321(2):153-155. doi:10.1001/jama.2018.20777

Original Investigation

Association of Initial Disease-Modifying Therapy With Later Conversion to Secondary Progressive Multiple Sclerosis

J. William L. Brown, MRCP; Alasdair Coles, PhD; Dana Horakova, PhD; et al.

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

JAMA. 2019;321(2):175-187. doi:10.1001/jama.2018.20588

In this cohort study, initial treatment of patients with relapsing-remitting multiple sclerosis (MS) with disease-modifying therapies (fingolimod, natalizumab, or alemtuzumab) was associated with a lower risk of conversion to secondary progressive MS compared with interferon beta or glatiramer acetate therapy.

Editorial

Stem Cell Transplantation to Treat Multiple Sclerosis

Harold Atkins, MD, FRCPC

Preliminary Communication

Effect of Fecal Microbiota Transplantation on 8-Week Remission in Patients With Ulcerative Colitis: A Randomized Clinical Trial

Samuel P. Costello, MBBS; Patrick A. Hughes, PhD; Oliver Waters, MBBS; et al.

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

☐ JAMA. 2019;321(2):156-164. doi:10.1001/jama.2018.20046

This randomized clinical trial compares the ability of anaerobically prepared pooled donor vs autologous fecal microbiota transplantation to induce remission in patients with ulcerative colitis (UC).

Editorial

Manipulating the Microbiome With Fecal Transplantation to Treat Ulcerative Colitis

Colleen R. Kelly, MD; Ashwin N. Ananthakrishnan, MD, MPH

Effect of Nonmyeloablative Hematopoietic Stem Cell Transplantation vs Continued Disease-Modifying Therapy on Disease Progression in Patients With Relapsing-Remitting Multiple Sclerosis: A Randomized Clinical Trial

Richard K. Burt, MD; Roumen Balabanov, MD; Joachim Burman, MD; et al.

Abstract | **Full Text**

☐ JAMA. 2019;321(2):165-174. doi:10.1001/jama.2018.18743

In this randomized trial, nonmyeloablative hematopoietic stem cell transplantation (HSCT) resulted in longer time to disease progression among patients with relapsing-remitting multiple sclerosis compared with continued disease-modifying therapy.

Editorial

Stem Cell Transplantation to Treat Multiple Sclerosis

Harold Atkins, MD, FRCPC

Review

Evaluation and Management of Penicillin Allergy: A Review

Erica S. Shenoy, MD, PhD; Eric Macy, MD, MS; Theresa Rowe, DO, MS; et al.

Abstract | **Full Text**

☐ ☐ ☐ JAMA. 2019;321(2):188-199. doi:10.1001/jama.2018.19283

This narrative review summarizes the epidemiology of penicillin allergy and the clinical consequences of

misattributing adverse drug events to β -lactam allergy, including development of antimicrobial resistance and adverse events associated with alternative antibiotics, and proposes an algorithm to facilitate evaluation of true penicillin allergy.



Clinical Review Audio: Major Societies Agree – A New Approach to Penicillin Allergy Is Needed

JAMA Clinical Guidelines Synopsis

Management of Posttraumatic Stress Disorder

Michael J. Ostacher, MD, MPH, MMSc; Adam S. Cifu, MD

Abstract | **Full Text**

JAMA. 2019;321(2):200-201. doi:10.1001/jama.2018.19290

This JAMA Clinical Guidelines Synopsis summarizes the 2017 clinical practice guidance from the US Department of Veterans Affairs/US Department of Defense on management of posttraumatic stress disorder and acute stress disorder.

JAMA Diagnostic Test Interpretation

Immunoglobulin G4 Levels

Sajan Jiv Singh Nagpal, MBBS; Suresh T. Chari, MD

Abstract | **Full Text**

JAMA. 2019;321(2):202-203. doi:10.1001/jama.2018.16665

A 67-year-old man with type 2 diabetes, unintentional weight loss, and increasing fasting blood glucose levels showed diffuse enlargement of the pancreas with peripheral hypoenhancement but no discrete mass on CT scan and soft tissue surrounding the abdominal arteries and left ureter causing hydronephrosis. Testing showed no pancreatic malignancy, no abnormal findings on colonoscopy, and lab results showed elevated IgG4. How would you interpret the test results?

Research Letter

Serum Creatinine Levels Before, During, and After Pregnancy

Ziv Harel, MD, MSc, FRCPC; Eric McArthur, MSc; Michelle Hladunewich, MD, MSc; et al.

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

JAMA. 2019;321(2):205-207. doi:10.1001/jama.2018.17948

This study uses Canadian administrative health databases to estimate gestational age–specific serum creatinine levels before, during, and after pregnancy among women without antecedent kidney disease.

Medical News & Perspectives

Immunotherapy 2.0: Improving the Response to Checkpoint Inhibitors

M.J. Friedrich

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

JAMA. 2019;321(2):131-133. doi:10.1001/jama.2018.18306

This Medical News article discusses the evolution of checkpoint inhibitor immunotherapies to improve efficacy and predict which patients will benefit the most.

Physicians Are Steering the Conversation About Gun Violence

Rita Rubin, MA

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

☐ *JAMA*. 2019;321(2):133-135. doi:10.1001/jama.2018.20385

This Medical News story is an interview with Megan Ranney, MD, MPH, one of the leading voices in the “This Is Our Lane” movement, which discusses the role of physicians and other health-care professionals in addressing firearm violence as a public health issue.

Audio: Physicians Are Steering the Conversation About Gun Violence



The JAMA Forum

Medicaid as a Safeguard for Financial Health

Aaron E. Carroll, MD

Abstract | **Full Text**

 JAMA. 2019;321(2):135-136. doi:10.1001/jama.2018.20427

News From the Centers for Disease Control and Prevention

Tickborne Diseases Increasing

Bridget Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2019;321(2):138. doi:10.1001/jama.2018.20464

Youth e-Cigarette Use

Bridget Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2019;321(2):138. doi:10.1001/jama.2018.20655

Biotech Innovations

IDWeek Fosters Innovation in Infectious Disease Care

Dara Grennan, MD

Abstract | **Full Text**

JAMA. 2019;321(2):137. doi:10.1001/jama.2018.20548

Comment & Response

Advantages and Disadvantages of Direct Primary Care

James O. Breen, MD

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

JAMA. 2019;321(2):207. doi:10.1001/jama.2018.18143

Advantages and Disadvantages of Direct Primary Care

Gary B. Blume, MD, PhD

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

JAMA. 2019;321(2):207-208. doi:10.1001/jama.2018.18147

Advantages and Disadvantages of Direct Primary Care—Reply

Eli Y. Adashi, MD, MS; Ryan P. Clodfelter, MD; Paul George, MD, MHPE

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

JAMA. 2019;321(2):208. doi:10.1001/jama.2018.18154

Clinical Practice Guidelines and the Need for Systematic Reviews

Kevin C. Wilson, MD; Noah C. Schoenberg, MD

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

JAMA. 2019;321(2):208-209. doi:10.1001/jama.2018.18790

Clinical Practice Guidelines and the Need for Systematic

Reviews—Reply

Paul Shekelle, MD, PhD

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

JAMA. 2019;321(2):209. doi:10.1001/jama.2018.18795

Correction

Data Errors in Figure

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

☐ JAMA. 2019;321(2):209. doi:10.1001/jama.2018.21022

Poetry and Medicine

At the Line in the Sand, On the Bridge in the Rain, On the Borders That Do Not Exist

Carol Snyder Halberstadt

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

JAMA. 2019;321(2):210. doi:10.1001/jama.2018.11164

JAMA Revisited

“Aspirin”—A Common Name

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

JAMA. 2019;321(2):211. doi:10.1001/jama.2018.15154

JAMA Patient Page

Am I Allergic to Penicillin?

Kimberly G. Blumenthal, MD, MSc; Erica S. Shenoy, MD, PhD



January 22, 2019, Vol 321, No. 3, Pages 217-316

In This Issue of JAMA

Highlights

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

  JAMA. 2019;321(3):217-219. doi:10.1001/jama.2018.15157

 **Audio Summary:** Effect of Diet on NAFLD in Adolescents, HSCT for Sickle Cell Anemia, ASA for Primary Prevention and CVD, Review of Breast Cancer Treatment, and more

Viewpoint

Medicaid Expansion Gains Momentum: Postelection Prospects and Potential Implications

Anna L. Goldman, MD, MPA, MPH; Benjamin D. Sommers, MD, PhD

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

JAMA. 2019;321(3):241-242. doi:10.1001/jama.2018.20484

This Viewpoint discusses the likelihood of Medicaid expansion in Maine, Wisconsin, Utah, and Kansas, where 2018 midterm voters elected candidates supportive of expansion or voted for it in ballot initiatives, and reviews evidence on associations between state Medicaid expansion and improved health outcomes for beneficiaries.

Ebola and War in the Democratic Republic of Congo: Avoiding Failure and Thinking Ahead

Lawrence O. Gostin, JD; Matthew M. Kavanagh, PhD; Elizabeth Cameron, PhD

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

JAMA. 2019;321(3):243-244. doi:10.1001/jama.2018.19743

In this Viewpoint, Gostin and colleagues review recommendations developed by experts convened by Georgetown University on how the international community can respond to the 2018 Ebola outbreak in the Democratic Republic of Congo (DRC) in the midst of active conflict and insecurity from armed rebels.

Curbing Unnecessary and Wasted Diagnostic Imaging

Ohad Oren, MD; Electron Kebebew, MD; John P. A. Ioannidis, MD, DSc

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

JAMA. 2019;321(3):245-246. doi:10.1001/jama.2018.20295

In this Viewpoint, Ioannidis and coauthors compare overuse of computed tomography and magnetic resonance image scanning with large-scale haphazard population screening for disease and call for dedicated investigations to understand how to reduce unnecessary and wasteful diagnostic imaging.

Social Determinants of Health in the Digital Age: Determining the Source Code for Nurture

Freddy Abnoui, MD, MBA, MSc; John S. Rumsfeld, MD, PhD; Harlan M. Krumholz, MD, SM

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

JAMA. 2019;321(3):247-248. doi:10.1001/jama.2018.19763

In this Viewpoint, Harlan Krumholz and colleagues discuss the promise that social media data hold for helping researchers better understand social determinants of health, and the challenges that must be overcome to reliably link social network data to clinical and health outcomes.

Advertisement

A Piece of My Mind

We Are All the Same

Mandy L. Maneval, MD, PhD

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

JAMA. 2019;321(3):249-250. doi:10.1001/jama.2018.21366

In this narrative medicine essay, a family practitioner tells the story of how her relationship with an old order Mennonite woman whose newborn son she examined and took to the hospital for cardiac surgery one Christmas day turns to friendship and a relationship with her broader community when the woman stays with her during her newborn daughter's cardiac surgery.

Editorial

Matched Sibling Donor Hematopoietic Stem Cell Transplantation to Prevent Stroke in Children With Sickle Cell Anemia

Janet L. Kwiatkowski, MD, MSCE

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

JAMA. 2019;321(3):251-252. doi:10.1001/jama.2018.20390

Aspirin for Primary Prevention: Clinical Considerations in 2019

J. Michael Gaziano, MD, MPH

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

JAMA. 2019;321(3):253-255. doi:10.1001/jama.2018.20577

Original Investigation

Association of Matched Sibling Donor Hematopoietic Stem Cell Transplantation With Transcranial Doppler Velocities

in Children With Sick Cell Anemia

Françoise Bernaudin, MD; Suzanne Verlhac, MD; Régis Peffault de Latour, MD, PHD; et al.

Abstract | **Full Text**

JAMA. 2019;321(3):266-276. doi:10.1001/jama.2018.20059

This nonrandomized controlled intervention study compared the effect of matched sibling donor hematopoietic stem cell transplantation (HSCT) vs standard care comprising transfusions and hydroxyurea on transcranial Doppler velocities, a measure of cerebral vasculopathy, at 1 year in children with sickle cell anemia requiring chronic transfusion.

Editorial

Matched Sibling Donor Hematopoietic Stem Cell Transplantation to Prevent Stroke in Children With Sick Cell Anemia

Janet L. Kwiatkowski, MD, MSCE

Association of Aspirin Use for Primary Prevention With Cardiovascular Events and Bleeding Events: A Systematic Review and Meta-analysis

Sean L. Zheng, BM, BCh, MA, MRCP; Alistair J. Roddick, BSc

Abstract | **Full Text**

☐ JAMA. 2019;321(3):277-287. doi:10.1001/jama.2018.20578

This meta-analysis estimates the association between use of aspirin for primary prevention of cardiovascular disease and the rate of cardiovascular mortality, nonfatal myocardial infarction, nonfatal stroke, and bleeding.

Editorial

Aspirin for Primary Prevention: Clinical Considerations in 2019

J. Michael Gaziano, MD, MPH

Preliminary Communication

Effect of a Low Free Sugar Diet vs Usual Diet on Nonalcoholic Fatty Liver Disease in Adolescent Boys: A Randomized Clinical Trial

Jeffrey B. Schwimmer, MD; Patricia Ugalde-Nicalo, MD; Jean A. Welsh, PhD, MPH, RN; et al.

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

JAMA. 2019;321(3):256-265. doi:10.1001/jama.2018.20579

In this randomized clinical trial, a diet low in free sugars reduced hepatic steatosis and liver enzyme levels in Hispanic adolescent boys with nonalcoholic fatty liver disease compared with their usual diet combined with a weekly food stipend.

Review

Breast Cancer Treatment: A Review

Adrienne G. Waks, MD; Eric P. Winer, MD

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

☐ ☐ JAMA. 2019;321(3):288-300. doi:10.1001/jama.2018.19323

This narrative review summarizes current evidence-based approaches to local and systemic treatment of hormone receptor positive/*ERBB2* negative (HR+/*ERBB2*-), *ERBB2* positive (*ERBB2*+), and triple-negative breast cancer.

☐ **Clinical Review Audio:** Screening for Breast Cancer: Is It Worth It?

JAMA Guide to Statistics and Methods

Random-Effects Meta-analysis: Summarizing Evidence With Caveats

Stylianos Serghiou, MD; Steven N. Goodman, MD, PhD

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

JAMA. 2019;321(3):301-302. doi:10.1001/jama.2018.19684

This JAMA Guide to Statistics and Methods explains the difference between fixed and random effects in treatment effect estimates, and the rationale for using random-effects meta-analysis to determine treatment effects across randomized trials conducted in heterogeneous patients and settings.

JAMA Clinical Challenge

Malar Rash and Polyarthrititis

Soumya Chatterjee, MD, MS, FRCP

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

JAMA. 2019;321(3):303-304. doi:10.1001/jama.2018.19498

A 58-year-old woman had a 2-week history of right knee, right ankle, and bilateral finger joint pain with a facial rash after a febrile illness in her daughter and preschool grandchildren, and an ANA level elevated to 1:160 (homogeneous pattern; negative <1:80 serum dilution. What would you do next?

Research Letter

Two-Year Survival Comparing Web-Based Symptom Monitoring vs Routine Surveillance Following Treatment for Lung Cancer

Fabrice Denis, MD, PhD; Ethan Basch, MD; Anne-Lise Septans, PhD; et al.

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

JAMA. 2019;321(3):306-307. doi:10.1001/jama.2018.18085

This study reports 2-year survival outcomes among patients with advanced nonprogressive stage IIA to IV lung cancer randomized to symptom monitoring during chemotherapy via web-based patient-reported outcomes vs standard scheduled imaging after treatment to detect symptomatic recurrence.

Medical News & Perspectives

Sexual Harassment and Assault Associated With Poorer Midlife Health in Women

Jennifer Abbasi

Abstract | **Full Text**

 JAMA. 2019;321(3):234-236. doi:10.1001/jama.2018.17679

This Medical News article is an interview with Rebecca Thurston, PhD, about her recent study published in *JAMA Internal Medicine* that found sexual harassment and assault was associated with poorer midlife health in women.

 **Audio:** Sexual Harassment and Assault Associated With Poorer Midlife Health in Women

News From the Food and Drug Administration

Drug Approved for Rare Muscle Weakening Syndrome

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(3):239. doi:10.1001/jama.2018.21321

Saliva Swab for Diagnosing Congenital Cytomegalovirus

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(3):239. doi:10.1001/jama.2018.21322

Device for Cluster Headache

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(3):239. doi:10.1001/jama.2018.21464

The JAMA Forum

Title X: Moving Forward or Backward on Women’s Health?

Diana J. Mason, PhD, RN; Lisa David, MBA

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

☐ JAMA. 2019;321(3):236-237. doi:10.1001/jama.2018.20957

Global Health

First Oral Sleeping Sickness Drug

M.J. Friedrich

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

JAMA. 2019;321(3):238. doi:10.1001/jama.2018.20935

Tracking Progress on Mitigating Health Effects of Climate Change

M.J. Friedrich

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

JAMA. 2019;321(3):238. doi:10.1001/jama.2018.21621

Measles Cases Rise Around the Globe

M.J. Friedrich

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

JAMA. 2019;321(3):238. doi:10.1001/jama.2018.21622

Comment & Response

Cell-Free DNA Screening During Pregnancy

Arnold W. Cohen, MD; Thomas Westover, MD

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

JAMA. 2019;321(3):308. doi:10.1001/jama.2018.18644

Cell-Free DNA Screening During Pregnancy

Anthony R. Gregg, MD, MBA; Aleksandar Rajkovic, MD, PhD

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

JAMA. 2019;321(3):308-309. doi:10.1001/jama.2018.18648

Cell-Free DNA Screening During Pregnancy—Reply

Megan Allyse, PhD; Myra Wick, PhD, MD

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

JAMA. 2019;321(3):309. doi:10.1001/jama.2018.18660

Reforming Nutritional Epidemiologic Research

Heiner Boeing, PhD; Lukas Schwingshackl, PhD

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

JAMA. 2019;321(3):309-310. doi:10.1001/jama.2018.18652

Reforming Nutritional Epidemiologic Research—Reply

John P. A. Ioannidis, MD, DSc

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

JAMA. 2019;321(3):310. doi:10.1001/jama.2018.18676

The Arts and Medicine

Addiction 101, in Technicolor

Abigail Zuger, MD

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

JAMA. 2019;321(3):228-229. doi:10.1001/jama.2018.19480

The Arts and Medicine feature reviews the film *Beautiful Boy*, a dramatization of journalist David Sheff's 2008 memoir about his son's descent into methamphetamine addiction and his tentative recovery.

Poetry and Medicine

The Persistence of Metaphor

Jack Coulehan, MD

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

JAMA. 2019;321(3):311. doi:10.1001/jama.2018.12273

JAMA Revisited

Paleopathologic Studies

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

JAMA. 2019;321(3):312. doi:10.1001/jama.2018.15165

JAMA Patient Page

Breast Cancer Treatment

Adrienne G. Waks, MD; Eric P. Winer, MD

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

☐ JAMA. 2019;321(3):316. doi:10.1001/jama.2018.20751

This JAMA Patient Page describes the diagnosis and treatment of different types and stages of breast



January 29, 2019, Vol 321, No. 4, Pages 323-414

In This Issue of JAMA

Highlights

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

  JAMA. 2019;321(4):323-325. doi:10.1001/jama.2018.15168

 **Audio Summary:** Effect of Hydrocortisone on BPD Mortality, Triglycerides and CHD Risk, Insulin Switching and HbA1c Levels, and more.

Viewpoint

Wearable Devices for Cardiac Rhythm Diagnosis and Management

James E. Ip, MD

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

 JAMA. 2019;321(4):337-338. doi:10.1001/jama.2018.20437

This Viewpoint discusses how the technology underlying wearable devices may lead to unclassifiable or false-positive readings of cardiac rate and rhythm, and highlights resultant uncertainties about how best to integrate the information the devices offer into clinical care to improve patients' health.

 **Clinical Review Audio:** Your Watch Can Tell You the Time and If You Are About to Die From a Cardiac Arrhythmia

Personal Health Records: More Promising in the Smartphone Era?

Christian Dameff, MD; Brian Clay, MD; Christopher A. Longhurst, MD

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

JAMA. 2019;321(4):339-340. doi:10.1001/jama.2018.20434

This Viewpoint discusses mobile device–based personal health records, the challenges of making the devices interoperable with existing health care information systems, and the prospect that incorporation of smartphone personal health records might improve patient outcomes, lower costs, and improve health care quality.

The Role of the Advisory Committee on Immunization Practices in Ensuring Optimal Use of Vaccines

Nancy M. Bennett, MD, MS

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

JAMA. 2019;321(4):341-342. doi:10.1001/jama.2018.20792

In this Viewpoint the outgoing chair of the Advisory Committee on Immunization Practices (ACIP) reviews the history of the committee and its evolving role in making recommendations to the CDC about the best uses of vaccines in the United States.

The National Vaccine Injury Compensation Program: Striking a Balance Between Individual Rights and Community Benefit

H. Cody Meissner, MD; Narayan Nair, MD; Stanley A. Plotkin, MD

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

JAMA. 2019;321(4):343-344. doi:10.1001/jama.2018.20421

In this Viewpoint, the director and chief medical officer of the US National Vaccine Injury Compensation Program (VCIP) and colleagues review the history of and rationale for the program; explain the processes for updating injury categories and adjudicating and settling claims; and summarize the costs and success of the program in the context of the vast number of vaccine doses administered nationally.

Advertisement

A Piece of My Mind

Breaking the Silence

Alisa Duran, MD

Abstract | **Full Text**

 JAMA. 2019;321(4):345-346. doi:10.1001/jama.2018.22266

In this narrative medicine essay, the author recounts her history of alcohol misuse as a response to professional anxiety and sense of imperfection and the healing quality of sharing her story with her university medical center students, trainees, and colleagues.

Editorial

The Evolving Story of Triglycerides and Coronary Heart Disease Risk

Ann Marie Navar, MD, PhD

Abstract | **Full Text**

JAMA. 2019;321(4):347-349. doi:10.1001/jama.2018.20044

Insulin Analogues for Type 2 Diabetes

Kasia J. Lipska, MD, MHS

Abstract | **Full Text**

JAMA. 2019;321(4):350-351. doi:10.1001/jama.2018.21356

Structural Factors Shape the Effects of the Opioid

Epidemic on Pregnant Women and Infants

Katy B. Kozhimannil, PhD, MPA; Lindsay K. Admon, MD, MSc

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

JAMA. 2019;321(4):352-353. doi:10.1001/jama.2018.20395

Original Investigation

Effect of Hydrocortisone Therapy Initiated 7 to 14 Days After Birth on Mortality or Bronchopulmonary Dysplasia Among Very Preterm Infants Receiving Mechanical Ventilation: A Randomized Clinical Trial

Wes Onland, PhD; Filip Cools, PhD; Andre Kroon, PhD; et al.

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

JAMA. 2019;321(4):354-363. doi:10.1001/jama.2018.21443

In this randomized trial, administration of hydrocortisone 7 to 14 days after birth had no effect on mortality or bronchopulmonary dysplasia (BPD) among mechanically ventilated very preterm infants compared with placebo.

Association of Triglyceride-Lowering *LPL* Variants and LDL-C–Lowering *LDLR* Variants With Risk of Coronary Heart Disease

Brian A. Ference, MD, MPhil, MSc; John J. P. Kastelein, MD, PhD; Kausik K. Ray, MD, MPhil; et al.

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

☐ JAMA. 2019;321(4):364-373. doi:10.1001/jama.2018.20045

This mendelian randomization analysis compares the association of triglyceride-lowering variants in the lipoprotein lipase (*LPL*) gene and of LDL-C–lowering variants in the LDL receptor gene (*LDLR*) with coronary heart disease (CHD) risk per unit change in apolipoprotein B.

Editorial

The Evolving Story of Triglycerides and Coronary Heart Disease Risk

Ann Marie Navar, MD, PhD

Implementation of a Health Plan Program for Switching From Analogue to Human Insulin and Glycemic Control Among Medicare Beneficiaries With Type 2 Diabetes

Jing Luo, MD, MPH; Nazleen F. Khan, MS; Thomas Manetti, MPH; et al.

Abstract | **Full Text**

JAMA. 2019;321(4):374-384. doi:10.1001/jama.2018.21364

This cohort study examined associations of an intervention to encourage Medicare beneficiaries with type 2 diabetes to switch from analogue to human insulin with hemoglobin A_{1c} (HBA_{1c}) levels, serious hypoglycemic and serious hyperglycemic events, and total spending on insulin products.

Editorial

Insulin Analogues for Type 2 Diabetes

Kasia J. Lipska, MD, MHS

Association Among County-Level Economic Factors, Clinician Supply, Metropolitan or Rural Location, and Neonatal Abstinence Syndrome

Stephen W. Patrick, MD, MPH, MS; Laura J. Faherty, MD, MPH, MS; Andrew W. Dick, PhD; et al.

Abstract | **Full Text**

JAMA. 2019;321(4):385-393. doi:10.1001/jama.2018.20851

This population epidemiology study assesses the association of US county-level long-term unemployment, primary care and mental health clinician supply, and urban vs rural status with rates of neonatal abstinence syndrome (NAS).

Editorial

Structural Factors Shape the Effects of the Opioid Epidemic on Pregnant Women and

Infants

Katy B. Kozhimannil, PhD, MPA; Lindsay K. Admon, MD, MSc

US Preventive Services Task Force

Recommendation Statement

Ocular Prophylaxis for Gonococcal Ophthalmia Neonatorum: US Preventive Services Task Force Reaffirmation Recommendation Statement

US Preventive Services Task Force

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

☐ ☐ JAMA. 2019;321(4):394-398. doi:10.1001/jama.2018.21367

This 2019 Recommendation Statement from the US Preventive Services Task Force recommends prophylactic ocular topical medication for all newborns to prevent gonococcal ophthalmia neonatorum (A recommendation).

JAMA Insights

Clinical Update

Perioperative Glucose Control in Patients With Diabetes Undergoing Elective Surgery

Vinaya Simha, MD; Pankaj Shah, MD

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

JAMA. 2019;321(4):399-400. doi:10.1001/jama.2018.20922

This Clinical Update proposes a management algorithm to prevent perioperative hyperglycemia in patients with diabetes undergoing elective surgery.

JAMA Diagnostic Test Interpretation

Serum Vascular Endothelial Growth Factor D in Cystic Lung Disease

Ali Ataya, MD; Leonard Riley, MD; Mark L. Brantly, MD

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

JAMA. 2019;321(4):401-402. doi:10.1001/jama.2018.20926

A 28-year-old nonsmoking woman with shortness of breath with exertion was referred to the pulmonary clinic. A computed tomographic scan of her chest revealed diffuse thin-walled pulmonary cysts without nodules, parenchymal changes, or lymphadenopathy and her serum vascular endothelial growth factor D level was 1300 pg/mL. How do you interpret the results?

Research Letter

Evidence Report

Ocular Prophylaxis for Gonococcal Ophthalmia Neonatorum: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Janelle M. Guirguis-Blake, MD; Corinne V. Evans, MPP; Megan Rushkin, MPH

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

JAMA. 2019;321(4):404-406. doi:10.1001/jama.2018.17847

This systematic review to support the 2019 US Preventive Services Task Force Reaffirmation Recommendation Statement on ocular prophylaxis for gonococcal ophthalmia neonatorum summarizes published evidence on the benefits and harms of ocular topical medication to prevent gonococcal conjunctival infection in newborns.

Medical News & Perspectives

A Proactive Approach Needed to Combat Rising STIs

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

 JAMA. 2019;321(4):330-332. doi:10.1001/jama.2018.20400

This Medical News article discusses contributing factors and proactive solutions to the recent increase in sexually transmitted diseases in the US.

 **Audio:** JAMA Medical News Summary (January 2019): Black Lung Disease Resurgence, Nobel Peace Prize, "This Is Our Lane", Advancements in Cancer Immunotherapy, Curbing STIs, and more

The JAMA Forum

Texas v United States: The Affordable Care Act Is Constitutional and Will Remain So

Lawrence O. Gostin, JD

Abstract | **Full Text**

 JAMA. 2019;321(4):332-333. doi:10.1001/jama.2018.21584

News From the Centers for Disease Control and Prevention

Uterine Cancer Concern

Bridget Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2019;321(4):336. doi:10.1001/jama.2018.21059

Secondhand Smoke Exposure

Bridget Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2019;321(4):336. doi:10.1001/jama.2018.21345

Clinical Trials Update

Immunotherapy for Peanut Allergy Shows Promise

Anita Slomski, MA

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

JAMA. 2019;321(4):335. doi:10.1001/jama.2018.21064

Hypnotherapy Provides IBS Relief

Anita Slomski, MA

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

JAMA. 2019;321(4):335. doi:10.1001/jama.2018.22028

Novel Antibiotic Efficacious in Treating Gonorrhea

Anita Slomski, MA

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

JAMA. 2019;321(4):335. doi:10.1001/jama.2018.22029

Low-Carb Diets Help Maintain Weight Loss

Anita Slomski, MA

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

JAMA. 2019;321(4):335. doi:10.1001/jama.2018.22031

Cannabidiol May Help Normalize Brain Function in Psychosis

Anita Slomski, MA

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

JAMA. 2019;321(4):335. doi:10.1001/jama.2018.22032

Health Agencies Update

Gene Therapy for Sickle Cell Disease Shows Promise

Rita Rubin, MA

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

☐ JAMA. 2019;321(4):334. doi:10.1001/jama.2018.21119

Missing Information in FDA Orphan Drug Application Reviews

Rita Rubin, MA

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

☐ JAMA. 2019;321(4):334. doi:10.1001/jama.2018.22023

Geographic Variation in Substance Use–Related Inpatient Stays

Rita Rubin, MA

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

☐ JAMA. 2019;321(4):334. doi:10.1001/jama.2018.22024

Comment & Response

Precision Medicine vs Preventive Medicine

Muin J. Khoury, MD, PhD

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

JAMA. 2019;321(4):406. doi:10.1001/jama.2018.18636

Precision Medicine vs Preventive Medicine—Reply

Bruce M. Psaty, MD, PhD; Olaf M. Dekkers, MD, PhD; Richard S. Cooper, MD

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

JAMA. 2019;321(4):406-407. doi:10.1001/jama.2018.18664

Ethical Issues Involved in Grateful Patient Fundraising

Reshma Jagsi, MD, DPhil

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

JAMA. 2019;321(4):407-408. doi:10.1001/jama.2018.18656

Ethical Issues Involved in Grateful Patient Fundraising—Reply

Megan E. Collins, MD, MPH; Steven A. Rum, MPA; Jeremy Sugarman, MD, MPH, MA

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

JAMA. 2019;321(4):408. doi:10.1001/jama.2018.18672

Poetry and Medicine

Brain Biopsy

Srinivas Mandavilli, MD

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

☐ JAMA. 2019;321(4):409. doi:10.1001/jama.2018.13679

JAMA Revisited

Medicine in the New World of Peace

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

JAMA. 2019;321(4):410. doi:10.1001/jama.2018.15176

JAMA Patient Page

Prevention of Gonococcal Eye Infection in Newborns

Jill Jin, MD, MPH

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

☐ JAMA. 2019;321(4):414. doi:10.1001/jama.2018.21434

This JAMA Patient Page describes the US Preventive Services Task Force’s recent recommendations on prevention of gonococcal eye infection in newborns.

JAMA Masthead

JAMA

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

☐ JAMA. 2019;321(4):327-328. doi:10.1001/jama.2018.15169



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January 2018, Vol 178, No. 1, Pages 1-157

In This Issue of JAMA Internal Medicine

Highlights

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

□ *JAMA Intern Med.* 2018;178(1):1. doi:10.1001/jamainternmed.2017.2506

Viewpoint

Health Care Policy and Law

The Supreme Court Ruling in *Sandoz v Amgen*: A Victory for Follow-on Biologics

Ameet Sarpatwari, JD, PhD; Abbe R. Gluck, JD; Gregory D. Curfman, MD

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

JAMA Intern Med. 2018;178(1):5-6. doi:10.1001/jamainternmed.2017.6145

This Viewpoint reviews the Supreme Court case *Sandoz v Amgen* and discusses the results of the ruling.

Scientific Trials—In the Laboratories, Not the Courts

Nicolas Bagley, JD; Aaron E. Carroll, MD, MS; Pieter A. Cohen, MD

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

JAMA Intern Med. 2018;178(1):7-8. doi:10.1001/jamainternmed.2017.5730

This Viewpoint cites specific examples to argue in favor of courts taking measures to prevent or discourage litigation targeting peer-reviewed scientific research.

Editorial

Science Requires Open Discourse

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

The Achilles Heel of Medical Cannabis Research— Inadequate Blinding of Placebo-Controlled Trials

David Casarett, MD, MA

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

JAMA Intern Med. 2018;178(1):9-10. doi:10.1001/jamainternmed.2017.5308

This Viewpoint acknowledges and discusses the growing acceptance of, as well as flaws in the research dedicated to, medical cannabis.

Editorial

Marijuana, Secondhand Smoke, and Social Acceptability

Stanton A. Glantz, PhD; Bonnie Halpern-Felsher, PhD; Matthew L. Springer, PhD

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Perspective

Unanticipated Outcomes: A Medical Memoir—A Book Review

Vinay Prasad, MD, MPH

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

JAMA Intern Med. 2018;178(1):11-12. doi:10.1001/jamainternmed.2017.6573

This article is a book review of *Unanticipated Outcomes: A Medical Memoir* by Jerome P. Kassirer, MD, MPH.

Editorial

Marijuana, Secondhand Smoke, and Social Acceptability

Stanton A. Glantz, PhD; Bonnie Halpern-Felsher, PhD; Matthew L. Springer, PhD

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

JAMA Intern Med. 2018;178(1):13-14. doi:10.1001/jamainternmed.2017.5301

Science Requires Open Discourse

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

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

JAMA Intern Med. 2018;178(1):15-16. doi:10.1001/jamainternmed.2017.5763

Original Investigation

Association Between Pesticide Residue Intake From Consumption of Fruits and Vegetables and Pregnancy Outcomes Among Women Undergoing Infertility Treatment With Assisted Reproductive Technology

Yu-Han Chiu, MD, ScD; Paige L. Williams, PhD; Matthew W. Gillman, MD, SM; et al.

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

☐ *JAMA Intern Med.* 2018;178(1):17-26. doi:10.1001/jamainternmed.2017.5038

This cohort study examines the association of preconception intake of pesticide residues in fruits and vegetables with outcomes of infertility treatment with assisted reproductive technologies.

Invited Commentary

Pesticides and Human Reproduction

Philip J. Landrigan, MD, MSc

Association of Blood Pressure Lowering With Mortality and Cardiovascular Disease Across Blood Pressure

Levels: A Systematic Review and Meta-analysis

Mattias Brunström, MD; Bo Carlberg, MD, PhD

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

□ □ *JAMA Intern Med.* 2018;178(1):28-36. doi:10.1001/jamainternmed.2017.6015

This systematic review and meta-analysis assesses the association of treatment to lower blood pressure with death and cardiovascular disease at different blood pressure levels in randomized clinical trials.

Invited Commentary

Whom to Treat for High Blood Pressure—Time for a Precision Approach

Andrew E. Moran, MD, MAS; Mark J. Pletcher, MD, MPH; Kirsten Bibbins-Domingo, PhD, MD, MAS

A Comparison of Laboratory Testing in Teaching vs Nonteaching Hospitals for 2 Common Medical Conditions

Victoria Valencia, MPH; Vineet M. Arora, MD, MAPP; Sumant R. Ranji, MD; et al.

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

□ *JAMA Intern Med.* 2018;178(1):39-47. doi:10.1001/jamainternmed.2017.6032

This cross-sectional study uses a statewide database to quantify differences in the use of laboratory tests between teaching and nonteaching hospitals.

Care Planning for Inpatients Referred for Palliative Care Consultation

Kara Bischoff, MD; David L. O’Riordan, PhD; Angela K. Marks, MEd; et al.

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

□ *JAMA Intern Med.* 2018;178(1):48-54. doi:10.1001/jamainternmed.2017.6313

This cohort study describes the population of patients referred to inpatient palliative care consultation teams for care planning, the needs identified by palliative care clinicians, and the care planning activities that occur.

Use of Health Care Databases to Support Supplemental Indications of Approved Medications

Michael Fralick, MD; Aaron S. Kesselheim, MD, JD, MPH; Jerry Avorn, MD; et al.

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

□ *JAMA Intern Med.* 2018;178(1):55-63. doi:10.1001/jamainternmed.2017.3919

This study examines whether longitudinal data from a health care database can support the results of a randomized clinical trial that led to a supplemental indication of telmisartan.

Invited Commentary

Comparison of Observational Data and the ONTARGET Results for Telmisartan Treatment of Hypertension: Bull's-eye or Painting the Target Around the Arrow?

Robert M. Califf, MD

Patient-Sharing Networks of Physicians and Health Care Utilization and Spending Among Medicare Beneficiaries

Bruce E. Landon, MD, MBA; Nancy L. Keating, MD, MPH; Jukka-Pekka Onnela, DSc; et al.

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

□ *JAMA Intern Med.* 2018;178(1):66-73. doi:10.1001/jamainternmed.2017.5034

This cross-sectional study examines the association of physician networks with health care spending, utilization, and quality of care for Medicare beneficiaries.

Invited Commentary

Evolving Delivery System and Market Factors and Their Influence on Physician Networks and Patient Care

James D. Reschovsky, PhD; Eugene C. Rich, MD

Association of Overlapping Surgery With Increased Risk for Complications Following Hip Surgery: A Population-Based, Matched Cohort Study

Bheeshma Ravi, MD, PhD; Daniel Pincus, MD; David Wasserstein, MD, MSc; et al.

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

□ □ *JAMA Intern Med.* 2018;178(1):75-83. doi:10.1001/jamainternmed.2017.6835

This cohort study determines if overlapping surgery is associated with greater risk for complications following surgical treatment for hip fracture and arthritis.

Invited Commentary

Overlapping Surgery—Perspectives From the Other Side of the Table

Alan L. Zhang, MD

Association of Clinician Denial of Patient Requests With Patient Satisfaction

Anthony Jerant, MD; Joshua J. Fenton, MD, MPH; Richard L. Kravitz, MD, MSPH; et al.

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

□ *JAMA Intern Med.* 2018;178(1):85-91. doi:10.1001/jamainternmed.2017.6611

This cross-sectional observational study examines how patient satisfaction with the clinician is associated with clinician denial of distinct types of patient requests, adjusting for patient characteristics.

Editor's Note

Physician Denial of Inappropriate Patient Requests—What If I Say No??

Joseph S. Ross, MD, MHS

Blood Pressure Trajectories in the 20 Years Before Death

João Delgado, PhD; Kirsty Bowman, MPH; Alessandro Ble, MD; et al.

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

☐ *JAMA Intern Med.* 2018;178(1):93-99. doi:10.1001/jamainternmed.2017.7023

This cohort study analyzes trends in blood pressures for the 20 years before death and identifies potential mechanisms that may explain trajectories.

Invited Commentary

Decreasing Blood Pressure in Older Patients

James S. Goodwin, MD

Association of Household Opioid Availability and Prescription Opioid Initiation Among Household Members

Marissa J. Seamans, PhD; Timothy S. Carey, MD, MPH; Daniel J. Westreich, PhD; et al.

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

☐ *JAMA Intern Med.* 2018;178(1):102-109. doi:10.1001/jamainternmed.2017.7280

This cohort study investigates whether individuals living in a household with a prescription opioid user vs prescription nonsteroidal anti-inflammatory drug user are more likely to initiate prescription opioids themselves.

Invited Commentary

Pesticides and Human Reproduction

Philip J. Landrigan, MD, MSc

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

JAMA Intern Med. 2018;178(1):26-27. doi:10.1001/jamainternmed.2017.5092

Whom to Treat for High Blood Pressure—Time for a Precision Approach

Andrew E. Moran, MD, MAS; Mark J. Pletcher, MD, MPH; Kirsten Bibbins-Domingo, PhD, MD, MAS

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

JAMA Intern Med. 2018;178(1):37-38. doi:10.1001/jamainternmed.2017.7853

Comparison of Observational Data and the ONTARGET Results for Telmisartan Treatment of Hypertension: Bull's-eye or Painting the Target Around the Arrow?

Robert M. Califf, MD

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

JAMA Intern Med. 2018;178(1):63-65. doi:10.1001/jamainternmed.2017.5091

Evolving Delivery System and Market Factors and Their Influence on Physician Networks and Patient Care

James D. Reschovsky, PhD; Eugene C. Rich, MD

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

JAMA Intern Med. 2018;178(1):73-74. doi:10.1001/jamainternmed.2017.6626

Health Care Policy and Law

Overlapping Surgery—Perspectives From the Other Side of the Table

Alan L. Zhang, MD

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

JAMA Intern Med. 2018;178(1):83-84. doi:10.1001/jamainternmed.2017.6846

Decreasing Blood Pressure in Older Patients

James S. Goodwin, MD

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

JAMA Intern Med. 2018;178(1):100-101. doi:10.1001/jamainternmed.2017.7035

Editor's Note

Physician Denial of Inappropriate Patient Requests—What If I Say No??

Joseph S. Ross, MD, MHS

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

JAMA Intern Med. 2018;178(1):92. doi:10.1001/jamainternmed.2017.7367

Special Communication

Less Is More

Promoting High-Value Practice by Reducing Unnecessary Transfusions With a Patient Blood Management Program

Divyajot Sadana, MD; Ariella Pratzer, MD; Lauren J. Scher, MD; et al.

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

JAMA Intern Med. 2018;178(1):116-122. doi:10.1001/jamainternmed.2017.6369

This Special Communication reviews the most recent transfusion practice guidelines, discusses campaigns to reduce or eliminate overuse of transfusions, and presents a blueprint for developing a patient blood management program.

Health Care Policy and Law

Voluntarily Stopping Eating and Drinking Among Patients With Serious Advanced Illness—Clinical, Ethical, and Legal Aspects

Timothy E. Quill, MD; Linda Ganzini, MD, MPH; Robert D. Truog, MD; et al.

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

JAMA Intern Med. 2018;178(1):123-127. doi:10.1001/jamainternmed.2017.6307

This Special Communication examines clinical issues and challenges in assessing patients with serious advanced illnesses who are considering voluntarily stopping eating and drinking, and explores underlying ethical and legal considerations.

Review

Less Is More

2017 Update on Medical Overuse: A Systematic Review

Daniel J. Morgan, MD, MS; Sanket S. Dhruva, MD; Eric R. Coon, MD; et al.

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

JAMA Intern Med. 2018;178(1):110-115. doi:10.1001/jamainternmed.2017.4361

This review identifies and highlights original research articles published in 2016 that are most relevant to understanding medical overuse or strategies to reduce it.

Evidence to Practice

Benefits, Limitations, and Value of Abuse-Deterrent Opioids

Gregory D. Curfman, MD; Leo Beletsky, JD, MPH; Ameet Sarpatwari, JD, PhD

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

JAMA Intern Med. 2018;178(1):131-132. doi:10.1001/jamainternmed.2017.7259

This review summarizes key findings of a final evidence report to support a public meeting on abuse-deterrent opioids and provides an independent assessment of their implications for health policy.

Teachable Moment

Less Is More

Evaluation of Polycythemia: A Teachable Moment

Mia Djulbegovic, MD; Lydia S. Dugdale, MD; Alfred Ian Lee, MD, PhD

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

JAMA Intern Med. 2018;178(1):128-130. doi:10.1001/jamainternmed.2017.6213

This Teachable Moment examines the case of a woman in her 50s with a history of gastric bypass and iron deficiency anemia who presented for evaluation of fatigue.

Challenges in Clinical Electrocardiography

ST Elevations in the Setting of Hyperkalemia

Mark Heckle, MD; Manyoo Agarwal, MD; Shadwan Alsafwah, MD

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

JAMA Intern Med. 2018;178(1):133-134. doi:10.1001/jamainternmed.2017.6329

Wide Complex Tachycardia in a Patient Without Conduction System Disease

Douglas J. Hall, BS; Timothy W. Smith, DPhil, MD; Amit Noheria, MBBS, SM

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

JAMA Intern Med. 2018;178(1):135-137. doi:10.1001/jamainternmed.2017.6569

This case report discusses the differential diagnosis of the wide complex tachycardia shown in an electrocardiogram of a patient with intermittent palpitations and dyspnea.

A Rapid Irregular Rhythm in a Healthy, Young Patient: How Fast Can You Go?

Arvind Nishtala, MD, MPH; Salman Rahman, MD; Nora Goldschlager, MD

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

JAMA Intern Med. 2018;178(1):138-140. doi:10.1001/jamainternmed.2017.7030

A healthy woman in her 20s presented to the emergency department with palpitations, a heart rate of 200 beats per minute, and normal heart sounds with no murmurs, rubs, or gallops after completing a run.

Research Letter

Palliative Care Eligibility, Symptom Burden, and Quality-of-Life Ratings in Nursing Home Residents

Caroline E. Stephens, PhD, GNP-BC; Lauren J. Hunt, MSN, FNP, RN; Nhat Bui, MSN, AGNP, RN; et al.

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

☐ *JAMA Intern Med.* 2018;178(1):141-142. doi:10.1001/jamainternmed.2017.6299

This study identifies which nursing home residents are eligible for palliative care services, describes their characteristics, and delineates resident and family perceptions regarding symptoms and quality of life.

Communicating Through a Patient Portal to Engage Family Care Partners

Mary E. Reed, DrPH; Jie Huang, PhD; Richard Brand, PhD; et al.

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

☐ *JAMA Intern Med.* 2018;178(1):142-144. doi:10.1001/jamainternmed.2017.6325

This survey study examines the use of patient portals to enhance the ability of family members to participate in communication with health care professionals.

Declining Medicaid Fees and Primary Care Appointment Availability for New Medicaid Patients

Molly Candon, PhD; Stephen Zuckerman, PhD; Douglas Wissoker, PhD; et al.

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

☐ *JAMA Intern Med.* 2018;178(1):145-146. doi:10.1001/jamainternmed.2017.6302

This study examines the association of reduced Medicaid reimbursement with a decrease in office-visit appointment availability for new Medicaid patients.

The Evidence Basis for the American College of Rheumatology Practice Guidelines

Alí Duarte-García, MD; Richard Zamore, MD, MPH; John B. Wong, MD

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

□ *JAMA Intern Med.* 2018;178(1):146-148. doi:10.1001/jamainternmed.2017.6680

This study evaluated the quality of the evidence base and the strength or benefit to harm ratio of the recommendations in the American College of Rheumatology Clinical Practice Guidelines

Association Between Physicians' Experiences With Members of Their Social Network and Efforts to Reduce Breast Cancer Screening

Craig Evan Pollack, MD, MHS; Archana Radhakrishnan, MD, MHS; Andrew M. Parker, PhD; et al.

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

□ *JAMA Intern Med.* 2018;178(1):148-151. doi:10.1001/jamainternmed.2017.6871

This survey study investigates whether physician experiences with members of their social network are associated with their recommendations for breast cancer screening.

Comment & Response

Remembering Patient Gender in Sexual Orientation–Based Research

John R. Blosnich, PhD, MPH; M. Reuel Friedman, PhD, MPH; Ken Ho, MD, MPH

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

JAMA Intern Med. 2018;178(1):151. doi:10.1001/jamainternmed.2017.4919

Remembering Patient Gender in Sexual Orientation–Based Research—Reply

Adele Levine, MPH; Brandyn D. Lau, MPH, CPH; Adil H. Haider, MD, MPH

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JAMA Intern Med. 2018;178(1):151-152. doi:10.1001/jamainternmed.2017.4935

Healthy Lifestyle for All Through Patient Care and Policy

Sherry L. Pagoto, PhD; Gary G. Bennett, PhD

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JAMA Intern Med. 2018;178(1):152-153. doi:10.1001/jamainternmed.2017.6797

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Healthful Diet and Physical Activity for Cardiovascular Disease Prevention in Adults Without Known Risk Factors: Is Behavioral Counselling Necessary?

Simon Capewell, MD, DSc; Christopher Dowrick, MD, FRCGP

What Exactly Is an “SNF-ist?”

Suzanne M. Gillespie, MD; Cari R. Levy, MD, PhD; Paul R. Katz, MD

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JAMA Intern Med. 2018;178(1):153-154. doi:10.1001/jamainternmed.2017.7212

Limitations of Observational Data in Interpreting SPRINT Results

Nicholas M. Pajewski, PhD; Mark A. Supiano, MD; Jeff D. Williamson, MD

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JAMA Intern Med. 2018;178(1):154-155. doi:10.1001/jamainternmed.2017.7215

What Exactly Is an “SNF-ist?”—Reply

Joan M. Teno, MD, MS; Amal N. Trivedi, MD, MPH; Pedro Gozalo, PhD

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JAMA Intern Med. 2018;178(1):154. doi:10.1001/jamainternmed.2017.7218

Limitations of Observational Data in Interpreting SPRINT Results—Reply

Donal J. Sexton, MD; Mark Canney, MB; Roseanne M. Kenny, MD

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JAMA Intern Med. 2018;178(1):155. doi:10.1001/jamainternmed.2017.7221

Medical Assistance in Dying—Unanswered Questions

Joseph L. Verheijde, PhD, MBA, PT; Mohamed Y. Rady, BChir, MB (Cantab), MA, MD (Cantab)

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JAMA Intern Med. 2018;178(1):155-156. doi:10.1001/jamainternmed.2017.7313

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Annmarie Hosie, RN, PhD

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JAMA Intern Med. 2018;178(1):156. doi:10.1001/jamainternmed.2017.7316

Medical Assistance in Dying—Unanswered Questions—Reply

Kieran L. Quinn, MD, MSc; Allan S. Detsky, MD, PhD

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JAMA Intern Med. 2018;178(1):157. doi:10.1001/jamainternmed.2017.7319

Correction

Missing Author Contributions

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☐ *JAMA Intern Med.* 2018;178(1):157. doi:10.1001/jamainternmed.2017.7074

Error in Author Name

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☐ *JAMA Intern Med.* 2018;178(1):157. doi:10.1001/jamainternmed.2017.7322

Omitted Disclosures or Potential Conflicts of Interest

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☐ *JAMA Intern Med.* 2018;178(1):157. doi:10.1001/jamainternmed.2017.7330

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Coronary Computed Tomographic Angiography—The First Test for Evaluating Patients With Chest Pain?

Todd C. Villines, MD; Leslee J. Shaw, PhD

Imprecise Percentages

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☐ *JAMA Intern Med.* 2018;178(1):157. doi:10.1001/jamainternmed.2017.7836

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☐ *JAMA Intern Med.* 2018;178(1):157. doi:10.1001/jamainternmed.2017.8068

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☐ *JAMA Intern Med.* 2018;178(1):4. doi:10.1001/jamainternmed.2017.2507



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"In Favor of Myself for Athletes": A Controlled
Trial to Improve Disordered Eating, Body-Image
and Self-Care in Adolescent Female Aesthetic
Athletes

Maya Mouallem and Moria Golan

Research Article: J Community Med Health Educ 8:
633

DOI: [10.4172/2161-0711.1000633](https://doi.org/10.4172/2161-0711.1000633)



Perceptions of Infertility as a Barrier to Cervical
Cancer Screening in Rural Botswana: A
Qualitative Study

Rebecca L Upton

Research Article: J Community Med Health Educ 8:
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DOI: [10.4172/2161-0711.1000634](https://doi.org/10.4172/2161-0711.1000634)



Insecticide Treated Net, Possession, Spatial
Distribution, Utilization and Associated Factors
among Households of Jawi District, Northwest
Ethiopia

Tiruneh Genet, Kassahun Alemu and Adane Nigusie

Research Article: J Community Med Health Educ 8:
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DOI: [10.4172/2161-0711.1000635](https://doi.org/10.4172/2161-0711.1000635)



Social Factors Associated with Involvement of Husband in Birth Preparedness Plan and Complication Readiness in Dang District, Nepal

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Cured Meat as a Potential Risk Factor of Chronic Obstructive Pulmonary Disease

Gulshan Bano Ali, Savera Aziz Ali and Sumera Aziz Ali

Commentary: J Community Med Health Educ 8: 637

DOI: [10.4172/2161-0711.1000637](https://doi.org/10.4172/2161-0711.1000637)



Predictive Factors for Approval and Knowledge Gain of a Massive Open Online Course (MOOC) On Type 2 Diabetes Mellitus in the First Level of Care

Richardson VL, Magallanes CR, Hernández DL, Martínez IV, Ixta ZL, Villalba PR, Salinas CA, Díaz IS,

Mejía Arias MA and Valladares LM

Research Article: J Community Med Health Educ 8:
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DOI: [10.4172/2161-0711.1000638](https://doi.org/10.4172/2161-0711.1000638)



**Eye Heroes: A Model of Raising Awareness about
Eye Health by Training Children to Be Eye Health
Champions**

*Shweikh Y, Rathee M, Barber AR and Dahlmann-
Noor A*

Research Article: J Community Med Health Educ 8:
639

DOI: [10.4172/2161-0711.1000639](https://doi.org/10.4172/2161-0711.1000639)



**Genograms in Nursing Education and Practice a
Sensitive but Very Effective Technique: A
Systematic Review**

Piasecka K, Slusarska B and Drop B

Research Article: J Community Med Health Educ 8:
640

DOI: [10.4172/2161-0711.1000640](https://doi.org/10.4172/2161-0711.1000640)



Client Satisfaction on Selected Public Health

Facilities of South Nations, Nationalities and Peoples Regional State, South Ethiopia, Quantitative & Qualitative Survey

Bereket Duko, Berhan Meshesha, Eskindir Loha and Gezahegn Bekele

Research Article: J Community Med Health Educ 8: 641

DOI: [10.4172/2161-0711.1000641](https://doi.org/10.4172/2161-0711.1000641)



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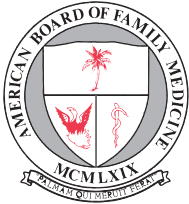
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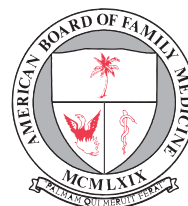
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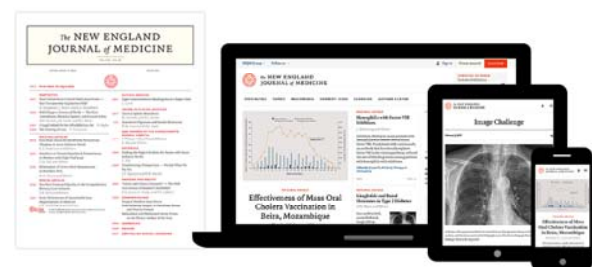
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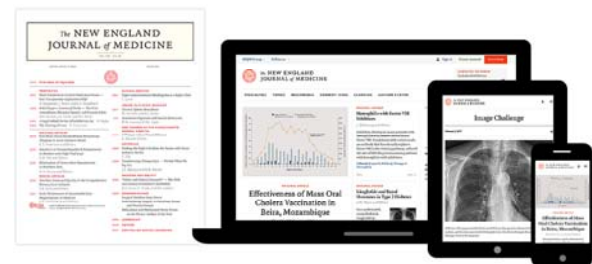
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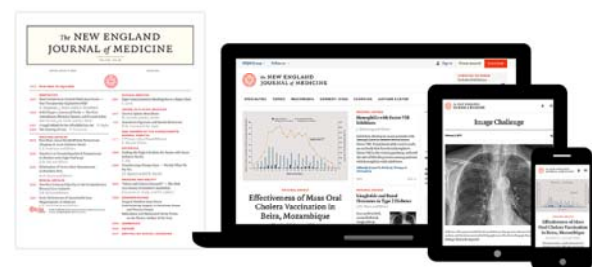
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Influenza and Pregnancy: No Time for Complacency

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Effects of Two Educational Posters on Contraceptive Knowledge and Intentions: A Randomized Controlled Trial

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Roy Maynard, Eric Christensen, Rhonda Cady, Abraham Jacob, Yves Ouellette, Heather Podgorski, Brenda Schiltz, Scott Schwantes, William Wheeler

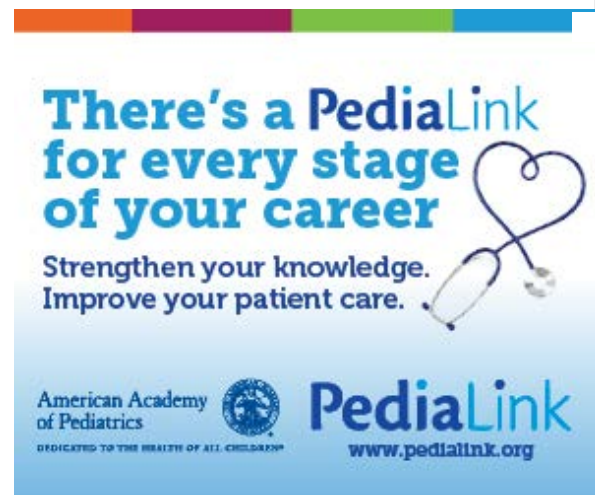
Pediatrics Jan 2019, 143 (1) e20181951; DOI: 10.1542/peds.2018-1951

This prospective study examines the impact a pediatric HCN shortage has on hospital LOS, costs, and readmissions.

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☐ Estimated Nonreimbursed Costs for Care Coordination for Children With Medical Complexity

Sarah D. Ronis, Richard Grossberg, Rabon Allen, Andrew Hertz, Lawrence C. Kleinman



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multidisciplinary program.

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□ Meningococcal Disease Among College-Aged Young Adults: 2014–2016

Sarah A. Mbaeyi, Sandeep J. Joseph, Amy Blain, Xin Wang, Susan Hariri, Jessica R. MacNeil
Pediatrics Jan 2019, 143 (1) e20182130; **DOI:** 10.1542/peds.2018-2130

In this evaluation, we assess the incidence, risk, and characteristics of meningococcal disease in college-aged young adults in the United States.

[□ PDF](#)

□ An Educational Intervention to Improve HPV Vaccination: A Cluster Randomized Trial

Brian E. Dixon, Gregory D. Zimet, Shan Xiao, Wanzhu Tu, Brianna Lindsay, Abby Church, Stephen M. Downs
Pediatrics Jan 2019, 143 (1) e20181457; **DOI:** 10.1542/peds.2018-1457

We examine the effect of a digital educational intervention linked to previous vaccine history on HPV vaccination decisions in urban pediatric settings.

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□ Neonatal Head Circumference in Newborns With Neonatal Abstinence Syndrome

Craig V. Towers, Branson W. Hyatt, Kevin C. Visconti, Lindsey Chernicky, Katie Chattin, Kimberly B. Fortner
Pediatrics Jan 2019, 143 (1) e20180541; **DOI:** 10.1542/peds.2018-0541

Chronic opioid use during pregnancy resulting in NAS is associated with smaller HCs at birth.

[□ PDF](#)

□ Positive Predictive Value of Administrative Data for Neonatal Abstinence Syndrome

Faouzi I. Maalouf, William O. Cooper, Shannon M. Stratton, Judith A. Dudley, Jean Ko, Anamika Banerji, Stephen W. Patrick
Pediatrics Jan 2019, 143 (1) e20174183; **DOI:** 10.1542/peds.2017-4183

In this study, we assessed the predictive value of an algorithm to identify cases of NAS using administrative data.

[□ PDF](#)

□ Father-Son Communication About Consistent and Correct Condom Use

Vincent Guilamo-Ramos, Marco Thimm-Kaiser, Adam Benzekri, Christopher Rodriguez, Taleria R. Fuller, Lee Warner, Emilia H.A. Koumans

Pediatrics Jan 2019, 143 (1) e20181609; DOI: 10.1542/peds.2018-1609

We use this study to explore the feasibility and acceptability of father-son communication about condom use and examine associated barriers, preferences, and opportunities to reduce male SRH disparities.

[PDF](#)

Insurance Mandates and Out-of-Pocket Spending for Children With Autism Spectrum Disorder

Molly K. Candon, Colleen L. Barry, Steven C. Marcus, Andrew J. Epstein, Alene Kennedy-Hendricks, Ming Xie, David S. Mandell

Pediatrics Jan 2019, 143 (1) e20180654; DOI: 10.1542/peds.2018-0654

Insurance mandates for children's autism increase service use, but do they also increase out-of-pocket spending?

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Physical Activity and Sedentary Behavior From 6 to 11 Years

Phillipp Schwarzfischer, Dariusz Gruszfeld, Anna Stolarczyk, Natalia Ferre, Joaquin Escribano, Déborah Rousseaux, Melissa Moretti, Benedetta Mariani, Elvira Verduci, Berthold Koletzko, Veit Grote

Pediatrics Jan 2019, 143 (1) e20180994; DOI: 10.1542/peds.2018-0994

With this study, we observe an earlier decline of PA and increase of SB than previously thought.

[PDF](#)

Developmental Outcomes in Duarte Galactosemia

Grace Carlock, S. Taylor Fischer, Mary Ellen Lynch, Nancy L. Potter, Claire D. Coles, Michael P. Epstein, Jennifer G. Mulle, Julie A. Kable, Catherine E. Barrett, Shannan M. Edwards, Elizabeth Wilson, Judith L. Fridovich-Keil

Pediatrics Jan 2019, 143 (1) e20182516; DOI: 10.1542/peds.2018-2516

In this study of 350 children, we demonstrate that there are no negative developmental consequences of DG regardless of milk exposure in infancy.

[PDF](#)

Postdischarge Mortality Prediction in Sub-Saharan Africa

Lola Madrid, Aina Casellas, Charfudin Sacoar, Llorenç Quintó, Antonio Siteo, Rosauero Varo, Sozinho Acácio, Tacilta Nhampossa, Sergio Massora, Betuel Sigauque, Inacio Mandomando, Simon Cousens, Clara Menéndez, Pedro Alonso, Eusebio Macete, Quique Bassat

Pediatrics Jan 2019, 143 (1) e20180606; **DOI:** 10.1542/peds.2018-0606

In this study, we show the burden of PDM in Southern Mozambique, identifying predictors that could be used efficiently to stratify children with a higher risk of dying after a hospital discharge.

[PDF](#)

[Trends in Outpatient Antibiotic Use in 3 Health Plans](#)

Jonathan A. Finkelstein, Marsha A. Raebel, James D. Nordin, Matthew Lakoma, Jessica G. Young

Pediatrics Jan 2019, 143 (1) e20181259; **DOI:** 10.1542/peds.2018-1259

Evidence through 2010 suggested a slowing of the decline in antibiotic use among children. Data from 3 health plans now reveal additional declines through 2014.

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[Neonatal Intubation Practice and Outcomes: An International Registry Study](#)

Elizabeth E. Foglia, Anne Ades, Taylor Sawyer, Kristen M. Glass, Neetu Singh, Philipp Jung, Bin Huey Quek, Lindsay C. Johnston, James Barry, Jeanne Zenge, Ahmed Moussa, Jae H. Kim, Stephen D. DeMeo, Natalie Napolitano, Vinay Nadkarni, Akira Nishisaki, for the NEAR4NEOS Investigators

Pediatrics Jan 2019, 143 (1) e20180902; **DOI:** 10.1542/peds.2018-0902

In this study, we report results of a novel international airway registry of endotracheal intubation in the NICU and DR settings.

[PDF](#)

[Nurse Home Visiting for Families Experiencing Adversity: A Randomized Trial](#)

Sharon Goldfeld, Anna Price, Charlene Smith, Tracey Bruce, Hannah Bryson, Fiona Mensah, Francesca Orsini, Lisa Gold, Harriet Hiscock, Lara Bishop, Ashlee Smith, Susan Perlen, Lynn Kemp

Pediatrics Jan 2019, 143 (1) e20181206; **DOI:** 10.1542/peds.2018-1206

The right@home program demonstrated that delivery of NHV within Australian universal well-child health services can be used to effectively improve parenting and the home learning environment.

[PDF](#)

[Early Caffeine Administration and Neurodevelopmental Outcomes in Preterm Infants](#)

Abhay Lodha, Rebecca Entz, Anne Synnes, Dianne Creighton, Kamran Yusuf, Anie Lapointe, Junmin Yang, Prakesh S. Shah, on behalf of the investigators of the Canadian Neonatal Network (CNN) and the Canadian Neonatal Follow-up Network (CNFUN)

Pediatrics Jan 2019, 143 (1) e20181348; **DOI:** 10.1542/peds.2018-1348

Preterm neonates who received caffeine (within 2 days of birth) had lower odds of sNDI at 18 to 24 months' CA.

[PDF](#)

□ Mupirocin for *Staphylococcus aureus* Decolonization of Infants in Neonatal Intensive Care Units

Karen L. Kotloff, Debbie-Ann T. Shirley, C. Buddy Creech, Sharon E. Frey, Christopher J. Harrison, Mary Staat, Evan J. Anderson, Susan Dulkerian, Isaac P. Thomsen, Mohamad Al-Hosni, Barbara A. Pahud, David I. Bernstein, Jumi Yi, Joshua E. Petrikin, Beth Haberman, Kathy Stephens, Ina Stephens, Randolph E. Oler, Tom M. Conrad
Pediatrics Jan 2019, 143 (1) e20181565; **DOI:** 10.1542/peds.2018-1565

In this study, we use a randomized controlled trial design to elucidate the ability of a 5-day course of mupirocin to reduce SA decolonization among infants who are critically ill.

[PDF](#)

□ Work Experiences and Satisfaction of International Medical School Graduates

Shesha K. Katakam, Mary Pat Frintner, Cristina Pelaez-Velez, Rana Chakraborty
Pediatrics Jan 2019, 143 (1) e20181953; **DOI:** 10.1542/peds.2018-1953

In this study, we examine the work experiences and satisfaction levels of pediatricians who are IMGs and working in the United States.

[PDF](#)

□ Global Health Education for Pediatric Residents: Trends, Training Experiences, and Career Choices

Suzinne Pak-Gorstein, Mary Pat Frintner, Cliff O'Callahan, Jonathan Spector, Nicole E. St Clair, Cindy Howard, Melanie Anspacher
Pediatrics Jan 2019, 143 (1) e20181559; **DOI:** 10.1542/peds.2018-1559

In this article, we describe patterns in GH training, GH education assessment, and GH career plans using national samples of US pediatric residents who graduated in 2008 and 2016.

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Commentaries

□ The Moral Imperative of Home Health Care for Children: Beyond the Financial Case

Garey Noritz
Pediatrics Jan 2019, 143 (1) e20182960; **DOI:** 10.1542/peds.2018-2960

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□ Making Time to Coordinate Care for Children With Medical Complexity

Ryan J. Collier, Mary L. Ehlenbach

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□ Increased Risk of MenB Infection in College Students: Time to Reconsider Vaccine Recommendations?

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Pediatrics Jan 2019, 143 (1) e20183372; DOI: 10.1542/peds.2018-3372

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□ Waiting Room Videos for Increasing HPV Vaccination: Promise and Pitfalls

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□ Fetal Opioid Exposure and Smaller Birth Head Circumference: Cause for Concern?

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Pediatrics Jan 2019, 143 (1) e20183376; DOI: 10.1542/peds.2018-3376

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□ Fathers' Engagement in Their Sons' Sexual and Reproductive Health

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□ Answering a Question Older Than Most Pediatricians: What to Do About Duarte Variant Galactosemia

Shawn E. McCandless

Pediatrics Jan 2019, 143 (1) e20183292; DOI: 10.1542/peds.2018-3292

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□ Uncounted Deaths: Estimating Postdischarge Pediatric Mortality

Marideth C. Rus, Andrea T. Cruz

Pediatrics Jan 2019, 143 (1) e20182883; DOI: 10.1542/peds.2018-2883

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□ The Use of Oxygen in the Delivery Room

Roger F. Soll

Pediatrics Jan 2019, 143 (1) e20183365; DOI: 10.1542/peds.2018-3365

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[Outcome Dimensions in Pediatric Palliative Care](#)

Allison Barz Leahy, Chris Feudtner

Pediatrics Jan 2019, 143 (1) e20183347; DOI: 10.1542/peds.2018-3347

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[Actively Listening: The Not-So-Secret Ingredient for Journal Innovation](#)

Lewis R. First, Alex R. Kemper, Kate Larson, Joseph Puskarz

Pediatrics Jan 2019, 143 (1) e20183344; DOI: 10.1542/peds.2018-3344

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[Incorporating Recognition and Management of Perinatal Depression Into Pediatric Practice](#)

Marian F. Earls, Michael W. Yogman, Gerri Mattson, Jason Rafferty,
COMMITTEE ON PSYCHOSOCIAL ASPECTS OF CHILD AND
FAMILY HEALTH

Pediatrics Jan 2019, 143 (1) e20183259; DOI: 10.1542/peds.2018-3259

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[Health and Mental Health Needs of Children in US Military Families](#)

CDR, Chadley R. Huebner, SECTION ON UNIFORMED SERVICES,
COMMITTEE ON PSYCHOSOCIAL ASPECTS OF CHILD AND
FAMILY HEALTH

Pediatrics Jan 2019, 143 (1) e20183258; DOI: 10.1542/peds.2018-3258

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[Incorporating Recognition and Management of Perinatal Depression Into Pediatric Practice](#)

Jason Rafferty, Gerri Mattson, Marian F. Earls, Michael W. Yogman,
COMMITTEE ON PSYCHOSOCIAL ASPECTS OF CHILD AND
FAMILY HEALTH

Pediatrics Jan 2019, 143 (1) e20183260; DOI: 10.1542/peds.2018-3260

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[Psychosocial Factors in Children and Youth With Special Health Care Needs and Their Families](#)

Gerri Mattson, Dennis Z. Kuo, COMMITTEE ON PSYCHOSOCIAL
ASPECTS OF CHILD AND FAMILY HEALTH , COUNCIL ON
CHILDREN WITH DISABILITIES

Pediatrics Jan 2019, 143 (1) e20183171; **DOI:** 10.1542/peds.2018-3171

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[Selecting Appropriate Toys for Young Children in the Digital Era](#)

Aleeya Healey, Alan Mendelsohn, COUNCIL ON EARLY CHILDHOOD

Pediatrics Jan 2019, 143 (1) e20183348; **DOI:** 10.1542/peds.2018-3348

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[Clinical Practice Guideline for the Management of Infantile Hemangiomas](#)

Daniel P. Krowchuk, Ilona J. Frieden, Anthony J. Mancini, David H. Darrow, Francine Blei, Arin K. Greene, Aparna Annam, Cynthia N. Baker, Peter C. Frommelt, Amy Hodak, Brian M. Pate, Janice L. Pelletier, Deborah Sandrock, Stuart T. Weinberg, Mary Anne Whelan, SUBCOMMITTEE ON THE MANAGEMENT OF INFANTILE HEMANGIOMAS

Pediatrics Jan 2019, 143 (1) e20183475; **DOI:** 10.1542/peds.2018-3475

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[Clinical Practice Guidelines for Quality Palliative Care](#)

Pediatrics Jan 2019, 143 (1) e20183310; **DOI:** 10.1542/peds.2018-3310

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[Nusinersen Use in Spinal Muscular Atrophy](#)

Pediatrics Jan 2019, 143 (1) e20183335; **DOI:** 10.1542/peds.2018-3335

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Pediatrics Perspectives

[Children in the Opioid Epidemic: Addressing the Next Generation's Public Health Crisis](#)

Kenneth A. Feder, Elizabeth J. Letourneau, Jody Brook

Pediatrics Jan 2019, 143 (1) e20181656; **DOI:** 10.1542/peds.2018-1656

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[Doctors Need to Speak Up More](#)

John R. McLaren, Peter T. Masiakos

Pediatrics Jan 2019, 143 (1) e20182503; **DOI:** 10.1542/peds.2018-2503

[PDF](#)

Monthly Features

□ Half As Sad: A Plea for Narrative Medicine in Pediatric Residency Training

Caroline Diorio, Małgorzata Nowaczyk

Pediatrics Jan 2019, 143 (1) e20183109; DOI: 10.1542/peds.2018-3109

□ [PDF](#)

Review Articles

□ Room Air for Initiating Term Newborn Resuscitation: A Systematic Review With Meta-analysis

Michelle Welsford, Chika Nishiyama, Colleen Shortt, Tetsuya Isayama, Jennifer Anne Dawson, Gary Weiner, Charles Christoph Roehr, Myra H. Wyckoff, Yacov Rabi, on behalf of the International Liaison Committee on Resuscitation Neonatal Life Support Task Force

Pediatrics Jan 2019, 143 (1) e20181825; DOI: 10.1542/peds.2018-1825

Room air results in a reduction in short-term mortality when compared with FIO₂ 1.0 for initiating term and late preterm (≥35 weeks' gestation) neonatal resuscitation.

□ [PDF](#)

□ Initial Oxygen Use for Preterm Newborn Resuscitation: A Systematic Review With Meta-analysis

Michelle Welsford, Chika Nishiyama, Colleen Shortt, Gary Weiner, Charles Christoph Roehr, Tetsuya Isayama, Jennifer Anne Dawson, Myra H. Wyckoff, Yacov Rabi, on behalf of the International Liaison Committee on Resuscitation Neonatal Life Support Task Force

Pediatrics Jan 2019, 143 (1) e20181828; DOI: 10.1542/peds.2018-1828

This analysis demonstrates there is not consistent evidence on the ideal initial inspired oxygen for preterm neonatal resuscitation.

□ [PDF](#)

□ Instruments to Measure Outcomes in Pediatric Palliative Care: A Systematic Review

Marie Friedel, Isabelle Aujoulat, Anne-Catherine Dubois, Jean-Marie Degryse

Pediatrics Jan 2019, 143 (1) e20182379; DOI: 10.1542/peds.2018-2379

In this systematic review, we critically appraise instruments used to measure the outcomes of palliative care interventions.

□ [PDF](#)

□ Efficacy and Safety of EMLA Cream for Pain Control Due to Venipuncture in Infants: A Meta-analysis

Shaneela Shahid, Ivan D. Florez, Lawrence Mbuagbaw

Pediatrics Jan 2019, 143 (1) e20181173; DOI: 10.1542/peds.2018-1173

In this systematic review, we summarize the available evidence about the efficacy and safety of EMLA cream for venipuncture procedure in infants <3 months of age.

[PDF](#)

State-of-the-Art Review Article

Developmental Dysplasia of the Hip

Scott Yang, Natalie Zusman, Elizabeth Lieberman, Rachel Y. Goldstein
Pediatrics Jan 2019, 143 (1) e20181147; **DOI:** 10.1542/peds.2018-1147

The evaluation and treatment of hip dysplasia continues to evolve. In this article, we review recent advances in the management of hip dysplasia.

[PDF](#)

Ethics Rounds

When a Child Needs a Transplant but Lacks Familial Social Support

Hilary Mabel, Charlotte H. Harrison, Mahwish U. Ahmad, Elizabeth D. Blume, Gerard J. Boyle, Johan C. Bester, John D. Lantos
Pediatrics Jan 2019, 143 (1) e20181551; **DOI:** 10.1542/peds.2018-1551

A transplant team faces an ethical dilemma when a child needs a heart transplant but his father is ambivalent.

[PDF](#)

Quality Reports

Use of Social Psychology to Improve Adherence to National Bronchiolitis Guidelines

Eli Sprecher, Grace Chi, Al Ozonoff, Joanne Cox, Nolan Patel, Kathleen Conroy
Pediatrics Jan 2019, 143 (1) e20174156; **DOI:** 10.1542/peds.2017-4156

Social psychology approaches, combined with traditional QI efforts, were effective in reducing albuterol and CR use in infants with bronchiolitis in primary care.

[PDF](#)

Use of a Clinical Care Algorithm to Improve Care for Children With Hematogenous Osteomyelitis

Eric D. Robinette, Laura Brower, Joshua K. Schaffzin, Patrick Whitlock, Samir S. Shah, Beverly Connelly, on behalf of the AHO Care Algorithm Team

Pediatrics Jan 2019, 143 (1) e20180387; **DOI:** 10.1542/peds.2018-0387

A QI initiative was used to reduce the inpatient costs of care for pediatric AHO through standardization.

[PDF](#)

Diagnostic Dilemmas

A 17-Year-Old Boy With High-Functioning Autism, Gastrointestinal Illness, and Seizures

Sakina H. Sojar, Joshua S.V. Goldner, Kalpathy Krishnamoorthy, Sarah A. Murphy, Peter T. Masiakos, Jean E. Klig

Pediatrics Jan 2019, 143 (1) e20173964; **DOI:** 10.1542/peds.2017-3964

A healthy 17-year-old boy with high-functioning autism presents to the ED after a 4-minute seizure-like episode in the setting of presumed viral gastroenteritis.

[PDF](#)

Case Reports

In-hospital Neonatal Falls: An Unintended Consequence of Efforts to Improve Breastfeeding

Colleen A. Hughes Driscoll, Nicola Pereira, Richard Lichenstein

Pediatrics Jan 2019, 143 (1) e20182488; **DOI:** 10.1542/peds.2018-2488

In-hospital neonatal falls are a safety risk during postpartum hospitalization. We report an increase in neonatal falls associated with efforts to improve breastfeeding.

[PDF](#)

Mowat-Wilson Syndrome Presenting With Purpura Fulminans

Claudia G. Nevarez Flores, Alexander P. Sun, Howard Hast

Pediatrics Jan 2019, 143 (1) e20180922; **DOI:** 10.1542/peds.2018-0922

We describe a case of purpura fulminans due to MWS with asplenia, and we propose screening and prophylaxis to prevent invasive pneumococcal infection.

[PDF](#)

A 6-Year-Old Child With Citrin Deficiency and Advanced Hepatocellular Carcinoma

Limin Wang, Lifeng Wang, Shishu Zhu, Min Zhang, Yi Dong, Fu-Sheng Wang

Pediatrics Jan 2019, 143 (1) e20181931; **DOI:** 10.1542/peds.2018-1931

Patients with FTTDCD should be managed carefully because the

| condition can lead to HCC.

[PDF](#)

Letters to the Editor

[Adolescents' Electronic Cigarette Use](#)

Nilanga Aki Bandara, Mehara Seneviratne

Pediatrics Jan 2019, 143 (1) e20183151; DOI: 10.1542/peds.2018-3151

[PDF](#)

Errata

[Feng JY, Toomey SL, Zaslavsky AM, Nakamura MM, Schuster MA. Readmission After Pediatric Mental Health Admissions. *Pediatrics*. 2017;140\(6\):e20171571](#)

Pediatrics Jan 2019, 143 (1) e20183280; DOI: 10.1542/peds.2018-3280

[PDF](#)

[Ryan SA. A Modern Conundrum for the Pediatrician: The Safety of Breast Milk and the Cannabis-Using Mother. *Pediatrics*. 2018;142\(3\):e20181921](#)

Pediatrics Jan 2019, 143 (1) e20183370; DOI: 10.1542/peds.2018-3370

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