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#### 297 Automated early detection of obstetric complications: theoretic and methodologic considerations



Gabriel J. Escobar; Neeru R. Gupta; Eileen M. Walsh; Lauren Soltesz; Stephanie M. Terry; Patricia Kipnis

This article addresses key theoretic and methodologic questions that scientists and obstetricians must consider when developing automated electronic early warning systems for use in the labor and delivery service and in postpartum units.

#### 308 Inflammatory Bowel Disease in Pregnancy Clinical Care Pathway: A Report From the American Gastroenterological Association IBD Parenthood Project Working Group

Uma Mahadevan; Christopher Robinson; Nana Bernasko; Brigid Boland; Christina Chambers; Marla Dubinsky; Sonia Friedman; Sunanda Kane; Jacob Manthey; Jason Sauberan; Joanne Stone; Rajeev Jain

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#### 324 Ecological dynamics of the vaginal microbiome in relation to health and disease

Shirley Greenbaum; Gili Greenbaum; Jacob Moran-Gilad; Adi Y. Weintraub  
Ecological theories can describe dynamics in the vaginal microbiome, and can deepen our understanding of the relation between the microbiome and states of health and disease.

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Selected papers presented at the February 2019 meeting of the Society for Maternal-Fetal Medicine and sped to press for the benefit of our readers.

Original research articles, whose abstracts appear in this issue, are posted in full at [ajog.org](http://ajog.org)

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Having experimented with perineal muscle exercise for 15 years and published his recommendations in 1942, Arnold H. Kegel, MD, described in the August 1948 issue of the Journal the perineometer, an instrument for measuring pelvic floor muscle strength in the doctor's office.

Dr Kegel, of Hollywood Presbyterian Hospital, Olmstead Memorial, Los Angeles, wrote: "A restudy of the problems of the lax perineum in relation to modern concepts of muscle-cell regeneration and function reveals that birth-canal musculature is especially responsive to an improved method of conserving and restoring function."

His paper is among the pioneering articles collectively entitled "AJOG Eponyms," newly posted to our website in celebration of AJOG's 150th anniversary. Each author's name is associated with what became a commonly used test, device, method, syndrome, maneuver, or other medical entity.

To read Dr Kegel's article, click the Collections tab along the top of the home page at [ajog.org](http://ajog.org), then AJOG Eponyms.

#### REFERENCE

Kegel AH. Progressive resistance exercise in the functional restoration of the perineal muscles. 1948;56:238-48.

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Doron Kabiri; Razan Masarwy; Natali Schachter-Safrai; Reem Masarwa;



Bruria Hirsh Raccach; Yossef Ezra; Ilan Matok

A planned vaginal birth for women with twin gestation and previous cesarean delivery may be a safe alternative to a planned repeat cesarean.

## CLINICAL OPINION

### 348 Threshold of metabolic acidosis associated with newborn cerebral palsy: medical legal implications

Michael G. Ross

A threshold level of umbilical artery metabolic acidosis, expressed as base deficit<sub>extracellular fluid</sub>, is associated with an increased risk of cerebral palsy, although the rate of cerebral palsy does not significantly increase within the base deficit range of 12–20 mmol/L.

## CALL TO ACTION

### 354 Clinical diagnosis of endometriosis: a call to action

Sanjay K. Agarwal; Charles Chapron; Linda C. Giudice; Marc R. Laufer; Nicholas Leyland; Stacey A. Missmer; Sukhbir S. Singh; Hugh S. Taylor

Long delays common in the diagnosis of endometriosis warrant reconsidering standard practices, historically rooted in surgery, in favor of accessible, expedient, and noninvasive clinical approaches.

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### 365 The American Gynecological and Obstetrical Society—reinvigorating for the 21st century

Laurel W. Rice; Charles J. Lockwood; Maureen Phipps; John O. L. Delancey; Ronald D. Alvarez; Marcelle I. Cedars

This report reviews a strategic plan designed to reinvigorate the American Gynecological and Obstetrical Society to address, together with partner organizations, the pressing issues and challenges in women's reproductive health.

## ORIGINAL RESEARCH

Articles abstracted in this issue appear in full at [ajog.org](http://ajog.org)

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### 367 Effect of postoperative partial bladder filling after minimally invasive hysterectomy on postanesthesia care unit discharge and cost: a single-blinded, randomized controlled trial



Gaby Moawad; Paul Tyan; Cherie Marfori; Elias Abi Khalil; Daniel Park

Partial bladder filling after minimally invasive hysterectomy is associated with shorter postanesthesia care unit stay and significant cost reduction.

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**369 Cystoscopy at the time of benign hysterectomy: a decision analysis**



Lauren A. Cadish; Beri M. Ridgeway; Jonathan P. Shepherd

Selective cystoscopy minimally increases cost per hysterectomy at baseline, but once intraoperative urinary tract injury risk exceeds a modest threshold, selective cystoscopy becomes cost saving.

**371 The effect of body mass index on retropubic midurethral slings**

Fiona Bach; Simon Hill; Philip Tooze-Hobson

Midurethral slings for stress urinary incontinence were less effective in obese women in an analysis of 11,859 cases from the British Society of Urogynaecology database.

**373 Intravenous acetaminophen vs saline in perioperative analgesia with laparoscopic hysterectomy**

Noah B. Rindos; Suketu M. Mansuria; Amanda M. Ecker; Mallory A. Stuparich; Cara R. King

No differences were demonstrated between intravenous acetaminophen and placebo in measures of postoperative pain, intraoperative or postoperative opioid consumption, nausea, or satisfaction after laparoscopic hysterectomy.

**376 Predictors of contraceptive switching and discontinuation within the first 6 months of use among Highly Effective Reversible Contraceptive Initiative Salt Lake study participants**



Rebecca G. Simmons; Jessica N. Sanders; Claudia Geist; Lori Gawron; Kyl Myers; David K. Turok

One in 5 women who were provided no-cost reversible contraception and the ability to change methods without cost either switched or discontinued their initial method within 6 months after initiation.

**379 Does maternal age at retrieval influence the implantation potential of euploid blastocysts?**



Mohamad Irani; Nikica Zaninovic; Zev Rosenwaks; Kangpu Xu

Maternal age at retrieval influences the number of euploid embryos but does not affect their implantation potential.

**381 Survival outcome prediction in cervical cancer: Cox models vs deep-learning model**

Koji Matsuo; Sanjay Purushotham; Bo Jiang; Rachel S. Mandelbaum; Tsuyoshi Takiuchi; Yan Liu; Lynda D. Roman

Deep-learning neural network model may be a useful analytic tool to predict survival in women with cervical cancer.

**OBSTETRICS**

**383 From population reference to national standard: new and improved birthweight charts**

Liset Hoftiezer; Michel H. P. Hof; Joyce Dijs-Elsinga; Marije Hogeveen; Chantal W. P. M. Hukkelhoven; Richard A. van Lingen

Excluding risk factors that cause lower birthweights results in prescriptive birthweight charts more akin to fetal-weight charts, enabling proper discrimination between normal and abnormal birthweight.



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**ORIGINAL RESEARCH** (continued from page 8A)

**385 Obesity and laboratory aspirin resistance in high-risk pregnant women treated with low-dose aspirin**



Matthew M. Finneran; Veronica M. Gonzalez-Brown; Devin D. Smith; Mark B. Landon; Kara M. Rood

Obese pregnant women have lower rates of complete thromboxane B<sub>2</sub> inhibition with low-dose (60-mg) aspirin treatment.

**387 Vaginal assessment and expedited amniotomy in oral misoprostol labor induction in nulliparas: a randomized trial**

Sandar Tin Win; Peng Chiong Tan; Imelda Balchin; Su Yen Khong; Khaing Si Lay; Siti Zawiah Omar

Vaginal examinations with expedited amniotomy during oral misoprostol labor induction shorten interval to vaginal birth; satisfaction score is similar, but women prefer a restricted regimen.

**389 Time from neuraxial anesthesia placement to delivery is inversely proportional to umbilical arterial cord pH at scheduled cesarean delivery**

Rebecca R. Rimsza; William M. Perez; Shilpa Babbar; Megan O'Brien; Laura K. Vricella

Increased time interval from neuraxial anesthesia placement to delivery is associated with lower umbilical arterial pH values during scheduled cesarean delivery.

**391 Delivery-associated sepsis: trends in prevalence and mortality**



Anthony M. Kendle; Jason L. Salemi; Jean Paul Tanner; Judette M. Louis

The rate of delivery-associated sepsis has increased in recent years, but sepsis-related mortality has decreased.

**393 Inherited predisposition to stillbirth: an intergenerational analysis of 26,788 mother-daughter pairs**



Andrea M. F. Woolner; Edwin Amalraj Raja; Siladitya Bhattacharya; Peter Danielian; Sohinee Bhattacharya

No inherited predisposition to stillbirth that is transmitted from mother to daughter was found in this study.

**395 Unexpected term NICU admissions: a marker of obstetrical care quality?**



Mark A. Clapp; Kaitlyn E. James; Sara V. Bates; Anjali J. Kaimal

There is wide variation in unexpected term neonatal intensive care unit admission rates among hospitals; however, systematic differences between hospitals do not explain the observed variation.

**397 Hyperoxygenation in pregnancy exerts a more profound effect on cardiovascular hemodynamics than is observed in the nonpregnant state**



Ann McHugh; Afif El-Khuffash; Neidin Bussmann; Anne Doherty; Orla Franklin; Fionnuala Breathnach

Hyperoxygenation during the third trimester of pregnancy is associated with significant changes in maternal hemodynamics.



ORIGINAL RESEARCH *(continued)***399** Association between gestational age and severe maternal morbidity and mortality of preterm cesarean delivery: a population-based cohort study

Julie Blanc; Noémie Resseguier; François Goffinet; Elsa Lorthé; Gilles Kayem; Pierre Delorme; Christophe Vayssi re; Pascal Auquier; Claude D'Ercole

Obstetricians should know about the higher severe maternal morbidity and mortality associated with cesarean delivery before gestational age 26 weeks, integrate it into the decision regarding cesarean delivery, and be prepared to manage these complications.

## IMAGES IN GYNECOLOGY

**401** Persistence of elevated betaHCG after uterine curettage: unexpected diagnosis for a young woman

Agnese Palmeri; Gloria D'Alessandro; Sergio Costantini

An accurate transvaginal ultrasound image during the first trimester of pregnancy is important to recognize ectopic pregnancies, to minimize the diagnosis delay, and to allow optimal management.

**403** Vestibular papillomatosis: a normal variation commonly misdiagnosed as genital condylomata

Razmi T. Muhammed; T. P. Afra; Dipankar De

A woman in her 30s was referred to the authors' venereal disease clinic with a diagnosis of genital condylomata.

## RESEARCH LETTERS

**404** A stepwise approach for the management of short cervix: time to evolve beyond progesterone treatment in the presence of progressive cervical shortening

George Daskalakis; Dimitrios Loutradis; Aris Antsaklis; Vasilios Pergialiotis

**405** Delivery type, opioid prescribing, and the risk of persistent opioid use after delivery

Sarah S. Osmundson; Andrew D. Wiese; Jea Young Min; Robert E. Hawley; Stephen W. Patrick; Marie R. Griffin; Carlos G. Grijalva

## LETTERS TO THE EDITORS

**408** The dangers of parental consent start before obstetric care

Anuja Singh

**408** Are early screening biomarkers for endometrial cancer needed to reduce health disparities?

Marina R. S. Walther-Antonio; Andrea Mariani

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Kemi M. Doll; Barbara A. Goff; Scott D. Ramsey

**410** Screening tools for obstructive sleep apnea in extremely obese women during pregnancy

Tiago Aguiar; Nuno Montenegro; Tiago Ferraz

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Jennifer E. Dominguez; Mary Cooter; Ashraf S. Habib

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## SOCIETY FOR MATERNAL-FETAL MEDICINE

### **B2** SMFM Consult Series #47: Sepsis during pregnancy and the puerperium



Society for Maternal-Fetal Medicine (SMFM); Lauren A. Plante;  
Luis D. Pacheco; Judette M. Louis

The purpose of this guideline is to summarize what is known about sepsis and to provide guidance for the management of sepsis in pregnancy and the postpartum period.

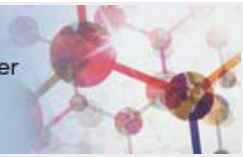
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Influenza Vaccination Coverage Among Pregnant Women in the U.S., 2012–2015

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## Distracted Driving, Visual Inattention, and Crash Risk Among Teenage Drivers

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## Menthol Smoking Patterns and Smoking Perceptions Among Youth: Findings From the Population Assessment of Tobacco and Health Study



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## The Association Between E-cigarette Use and Myocardial Infarction Is What One Would Expect Based on the Biological and Clinical Evidence

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### Corrections

## April Roeseler, BSN, MSPH, Neal Kohatsu MD, MPH. Advancing Smoking Cessation in California's Medicaid Population. *Am J Prev Med.* 2018;55(6S2):S126–S129.



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## Kenneth W. Kizer, MD, MPH. Advancing Tobacco Control Among Medicaid Beneficiaries: A Historical Perspective and Call to Action. *Am J Prev Med.* 2018;55(6S2):S222–S226.



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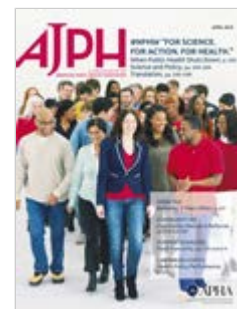
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Sarah E. DeYoung

American Journal of Public Health: 109(4), pp. 519–519

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### **Connecting Dots to Bridge the Health Disparities Gap: Implementation of a Scalable Electronic Medical Record–Integrated Community Referral Intervention at the Clinic Visit**

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### **Beyond Housing for Homeless People, It Is Crucial to Remediate Food Insecurity**

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Milad Parpouchi and Julian M. Somers

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### **The National Violent Death Reporting System and Police-Involved Firearm Deaths**

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David McDowall

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# DISASTERS

## The Need for a National Strategy to Assess and Reduce Disaster-Related Mortality in the United States

Mark E. Keim, Thomas D. Kirsch , Oscar Alleyne , Georges Benjamin , Linda DeGutis, David Dyjack and Frederick M. Burkle Jr

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# PUBLIC HEALTH OF CONSEQUENCE

## Tradeoffs Between Equity and Efficiency at the Heart of Population Health Science: A Public Health of Consequence, April 2019

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## TRANSLATION

### **The Critical Alliance of Worker, Immigrant, and Public Health Advocates**

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Linda Delp, Hector Saldivar Guzman and Kevin Riley

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Hviid and colleagues' Danish nationwide study found no evidence that receipt of MMR vaccine increased the risk for autism in children born between 1999 and 2010, even among those with risk factors for autism. The editorialists discuss the findings and how, in our current world where some data have limited persuasive value, physicians and public health officials can effectively counter the MMR-autism myth.

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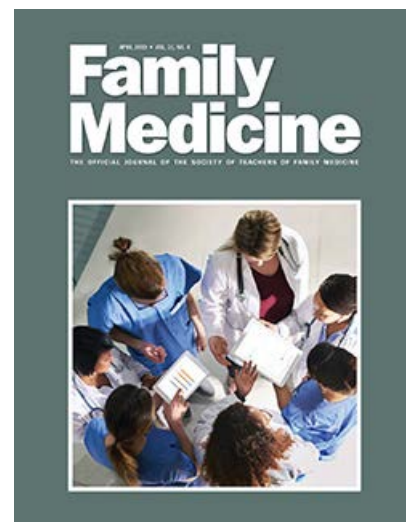
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William Ventres, MD, MA

—PRESIDENT'S COLUMN—

Work in Academic Family Medicine: Reflections Meant to Inspire

Beat Steiner, MD, MPH



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Photograph by T.R. Goldman

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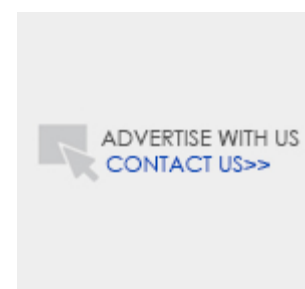
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## In This Issue of JAMA

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### Highlights

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

   JAMA. 2019;321(13):1229-1231. doi:10.1001/jama.2018.15267

 **Audio Summary:** CABANA Trial: Ablation vs Drugs for Atrial Fibrillation, Amyloid PET for MCI or Dementia, Review of Cerebral Intraparenchymal Hemorrhage, and more

## Original Investigation

---

### Effect of Catheter Ablation vs Antiarrhythmic Drug Therapy on Mortality, Stroke, Bleeding, and Cardiac Arrest Among Patients With Atrial Fibrillation: The CABANA Randomized Clinical Trial

Douglas L. Packer, MD; Daniel B. Mark, MD, MPH; Richard A. Robb, PhD; et al.

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

  JAMA. 2019;321(13):1261-1274. doi:10.1001/jama.2019.0693

This randomized trial compares the effect of pulmonary vein isolation via catheter ablation vs rate and rhythm control using medical therapy on a composite outcome of death, disabling stroke, serious bleeding, or cardiac arrest in patients with atrial fibrillation (AF).

#### Editorial

#### Catheter Ablation for Atrial Fibrillation: Lessons Learned From CABANA

Christine M. Albert, MD, MPH; Deepak L. Bhatt, MD, MPH

---

## Effect of Catheter Ablation vs Medical Therapy on Quality of Life Among Patients With Atrial Fibrillation: The CABANA Randomized Clinical Trial

Daniel B. Mark, MD, MPH; Kevin J. Anstrom, PhD; Shubin Sheng, PhD; et al.

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

☐ JAMA. 2019;321(13):1275-1285. doi:10.1001/jama.2019.0692

This open-label randomized trial compares the effect of pulmonary vein isolation via catheter ablation vs rate and rhythm control using drug therapy on the quality of life of patients with atrial fibrillation.

### Editorial

#### Catheter Ablation for Atrial Fibrillation: Lessons Learned From CABANA

Christine M. Albert, MD, MPH; Deepak L. Bhatt, MD, MPH

---

## Association of Amyloid Positron Emission Tomography With Subsequent Change in Clinical Management Among Medicare Beneficiaries With Mild Cognitive Impairment or Dementia

Gil D. Rabinovici, MD; Constantine Gatsonis, PhD; Charles Apgar, MBA; et al.

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

☐ JAMA. 2019;321(13):1286-1294. doi:10.1001/jama.2019.2000

In an attempt to understand if amyloid PET imaging improves the care of patients with MCI or dementia, this cohort study investigates associations between information provided by amyloid PET scan and change in clinical management, defined as a composite of change in drug therapy or counseling about safety and future planning.

### Editorial

#### The Translational Journey of Brain $\beta$ -Amyloid Imaging: From Positron Emission Tomography to Autopsy to Clinic

Gil D. Rabinovici, MD

## Amyloid PET and Changes in Clinical Management for Patients With Cognitive Impairment

Clifford R. Jack Jr, MD; Ronald C. Petersen, MD, PhD

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## Research Letter

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### Reported Cases of Medical Malpractice in Direct-to-Consumer Telemedicine

Alexander L. Fogel, MD, MBA; Joseph C. Kvedar, MD

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

*JAMA*. 2019;321(13):1309-1310. doi:10.1001/jama.2019.0395

In response to physicians' concerns about exposure to malpractice risk in direct-to-consumer (DTC) telemedicine, this study reviews the LexisNexis legal case database for reported cases of medical malpractice related to DTC telemedicine services or their health care professionals.

## Viewpoint

---

### Evolving Issues in Oncology

### The Surprisingly Positive Association Between Obesity and Cancer Immunotherapy Efficacy

William J. Murphy, PhD; Dan L. Longo, MD

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

*JAMA*. 2019;321(13):1247-1248. doi:10.1001/jama.2019.0463

This Viewpoint reviews early evidence of improved outcomes among patients with cancer and higher BMIs treated with tumor checkpoint inhibitors, and the scientific challenges of distinguishing the mechanism of favorable vs adverse effects of obesity on cancer epidemiology and responses to treatment.

---

## Reexamining Recommendations for Treatment of Hypercholesterolemia in Older Adults

Neil Skolnik, MD

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

 JAMA. 2019;321(13):1249-1250. doi:10.1001/jama.2019.1676

This Viewpoint discusses the 2018 ACC/AHA cholesterol management guideline recommendation to consider statin treatment in adults aged >75 years with LDL levels 70-189 mg/dL, arguing that trial evidence does not support it, the drugs may be harmful and difficult to discontinue in older populations, and that the decision to start medication should be shared with the patient and incorporate assessments of risk, benefit, and patient preferences and values.

 **Audio Interview:** Recommendations for Treatment of Hypercholesterolemia in Older Adults

---

## Current and Future Challenges for Children Across the World

Zulfiqar A. Bhutta, MBBS, FRCPCH, PhD; Robert E. Black, MD, MPH

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

JAMA. 2019;321(13):1251-1252. doi:10.1001/jama.2019.1840

This Viewpoint argues that children have been left behind in UN and other global health efforts, calls for a focus on health measures beyond survival to define success, and outlines requirements to achieve real improvements in child health, including access to preventive care, a focus on education and nutrition, and introduction of information systems to monitor the population effects of health services.

## A Piece of My Mind

---

## What About Recovery

Lenore M. Buckley, MD, MPH

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

JAMA. 2019;321(13):1253-1254. doi:10.1001/jama.2019.2134

In this narrative medicine essay, an internist uses her brother's slow death after an unnecessary hospitalization characterized by overuse of invasive procedures and no coordination of care to emphasize the importance of a healing and rehabilitation mindset in inpatient care.

## Editorial

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### Catheter Ablation for Atrial Fibrillation: Lessons Learned From CABANA

Christine M. Albert, MD, MPH; Deepak L. Bhatt, MD, MPH

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

☐ JAMA. 2019;321(13):1255-1257. doi:10.1001/jama.2018.17478

---

### Amyloid PET and Changes in Clinical Management for Patients With Cognitive Impairment

Clifford R. Jack Jr, MD; Ronald C. Petersen, MD, PhD

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

JAMA. 2019;321(13):1258-1260. doi:10.1001/jama.2019.1998

## Review

---

### Cerebral Intraparenchymal Hemorrhage: A Review

Bradley A. Gross, MD; Brian T. Jankowitz, MD; Robert M. Friedlander, MD

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

☐ JAMA. 2019;321(13):1295-1303. doi:10.1001/jama.2019.2413

This narrative review summarizes the pathophysiology, presentation, and management of patients with

intraparenchymal hemorrhagic stroke, and approaches to poststroke rehabilitation, risk factor management, and anticoagulation.

## JAMA Guide to Statistics and Methods

---

### Marginal Effects—Quantifying the Effect of Changes in Risk Factors in Logistic Regression Models

Edward C. Norton, PhD; Bryan E. Dowd, PhD; Matthew L. Maciejewski, PhD

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

*JAMA*. 2019;321(13):1304-1305. doi:10.1001/jama.2019.1954

This JAMA Guide to Statistics and Methods discusses the marginal effects approach to express the strength of the association between a risk factor and a binary outcome from a logistic regression.

## From The Medical Letter on Drugs and Therapeutics

---

### An Epinephrine Prefilled Syringe (Symjepi) for Anaphylaxis

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

*JAMA*. 2019;321(13):1306-1307. doi:10.1001/jama.2019.0898

This Medical Letter review summarizes the use of Symjepi, a single-dose, prefilled epinephrine syringe for manual infection during emergency treatment of anaphylaxis.

## Medical News & Perspectives

---

### Why Do Hundreds of US Women Die Annually in Childbirth?

Anita Slomski, MA

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

☐ ☐ *JAMA*. 2019;321(13):1239-1241. doi:10.1001/jama.2019.0714



This Medical News article discusses ongoing efforts to better track and prevent maternal mortality in the US.

 **Clinical Review Audio:** How to Reduce Maternal Mortality Rates in the United States

---

## Quick Uptakes: After Rotavirus Vaccine, Australia's Type 1 Diabetes Incidence Declines

Jennifer Abbasi

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

 JAMA. 2019;321(13):1241-1242. doi:10.1001/jama.2019.0766

This Medical News article discusses a recently discovered association between rotavirus vaccination and a decline in new type 1 diabetes cases among young Australian children.

## News From the Food and Drug Administration

---

### Higher Dose of Tofacitinib for Rheumatoid Arthritis Poses Risks

Rebecca Voelker, MSJ

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

JAMA. 2019;321(13):1245. doi:10.1001/jama.2019.2986

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### Collaboration Aims to Expedite Diagnostic Testing in Emergencies

Rebecca Voelker, MSJ

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

JAMA. 2019;321(13):1245. doi:10.1001/jama.2019.2988

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# Another Warning for Febuxostat

Rebecca Voelker, MSJ

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

JAMA. 2019;321(13):1245. doi:10.1001/jama.2019.3043

## The JAMA Forum

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# The 6 Functions of Health Insurance

Pranammya Dey, BS; Peter B. Bach, MD

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

☐ JAMA. 2019;321(13):1242-1243. doi:10.1001/jama.2019.2320

## Bench to Bedside

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# Studies Further Support Transmissibility of Alzheimer Disease–Associated Proteins

Tracy Hampton, PhD

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

JAMA. 2019;321(13):1243-1244. doi:10.1001/jama.2019.2650

## Comment & Response

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# Hypertension in Young Adults and Subsequent Cardiovascular Disease

Ivan de Kouchkovsky, MD; Jacob Mayfield, MD; Jeffrey Kohlwes, MD, MPH

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

JAMA. 2019;321(13):1310. doi:10.1001/jama.2019.0061

# Hypertension in Young Adults and Subsequent Cardiovascular Disease—Reply

Yuichiro Yano, MD, PhD; Paul Muntner, PhD; Donald Lloyd-Jones, MD, ScM

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

JAMA. 2019;321(13):1310-1311. doi:10.1001/jama.2019.0065

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# Tidal Volume Ventilation Strategy in ICU Patients Without ARDS

Cornelis Slagt, MD, PhD; Lucas van Eijk, MD, PhD

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

JAMA. 2019;321(13):1311-1312. doi:10.1001/jama.2019.0298

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# Tidal Volume Ventilation Strategy in ICU Patients Without ARDS—Reply

Ary Serpa Neto, MD, MSc, PhD; Fabienne D. Simonis, MD; Marcus J. Schultz, MD, PhD

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

JAMA. 2019;321(13):1312-1313. doi:10.1001/jama.2019.0306

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# Pharmacist-Led Education to Discontinue Inappropriate Prescribing

Madeline McCrary, MD; Jennifer Goldstein, MD, MSc

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

JAMA. 2019;321(13):1313-1314. doi:10.1001/jama.2019.0302

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# Pharmacist-Led Education to Discontinue Inappropriate Prescribing—Reply

Cara Tannenbaum, MD, MSc; Robyn Tamblyn, PhD

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

*JAMA*. 2019;321(13):1314. doi:10.1001/jama.2019.0311

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## The Arts and Medicine

### Artist, Rediscovered: Images and Ethics of Early Prostate Cancer Screening

Lawrence M. Wyner, MD

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

*JAMA*. 2019;321(13):1236-1238. doi:10.1001/jama.2019.1600

This Arts and Medicine essay reviews a museum exhibit devoted to the Bowery series, an early attempt at prostate cancer screening that recruited vulnerable men to undergo surgical prostate biopsies, and the career of Tod Dee Craig, the artist who illustrated the surgical procedures and findings.

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## Poetry and Medicine

### Et mu

Conor McDonnell, MD

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

*JAMA*. 2019;321(13):1315. doi:10.1001/jama.2018.18920

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## JAMA Revisited

### Current Comment

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

*JAMA*. 2019;321(13):1316. doi:10.1001/jama.2018.15275

# JAMA Patient Page

## Upper Blepharoplasty

Cristen Olds, MD; Sam P. Most, MD

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

☐ JAMA. 2019;321(13):1320. doi:10.1001/jama.2019.1957

This JAMA Patient Page describes the upper blepharoplasty procedure.

# JAMA Masthead

## JAMA

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

☐ JAMA. 2019;321(13):1233-1234. doi:10.1001/jama.2018.15268



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78,667 Views

Does Skipping Breakfast Lead to Weight Loss or Weight Gain?



**April 9, 2019**, Vol 321, No. 14, Pages 1325-1418

## In This Issue of JAMA

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### Highlights

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

  JAMA. 2019;321(14):1325-1327. doi:10.1001/jama.2018.15278

 **Audio Summary:** Effect of Vitamin D on GI Cancer Survival, HIV PrEP and STIs, Tumor Genomics and NSCLC Outcomes, and more

## Original Investigation

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### Effect of Vitamin D Supplementation on Relapse-Free Survival Among Patients With Digestive Tract Cancers: The AMATERASU Randomized Clinical Trial

Mitsuyoshi Urashima, MD; Hironori Ohdaira, MD; Taisuke Akutsu, MD; et al.

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

  JAMA. 2019;321(14):1361-1369. doi:10.1001/jama.2019.2210

This randomized clinical trial compares the effects of vitamin D supplementation vs placebo on 5-year relapse-free survival after surgical resection of stage I-III esophageal, gastric, small bowel, and colorectal cancers.

#### Editorial

### Vitamin D as Cancer Therapy? Insights From 2 New Trials

Elizabeth L. Barry, PhD; Michael N. Passarelli, PhD; John A. Baron, MD, MS, MSc

 **Audio Interview:** Insights From 2 New Trials on Vitamin D as Cancer Therapy

# Effect of High-Dose vs Standard-Dose Vitamin D<sub>3</sub> Supplementation on Progression-Free Survival Among Patients With Advanced or Metastatic Colorectal Cancer: The SUNSHINE Randomized Clinical Trial

Kimmie Ng, MD, MPH; Halla S. Nimeiri, MD; Nadine J. McCleary, MD, MPH; et al.

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

 JAMA. 2019;321(14):1370-1379. doi:10.1001/jama.2019.2402

This phase 2 randomized clinical trial compares the effects of high-dose vs standard-dose vitamin D<sub>3</sub> added to standard chemotherapy on progression-free survival among patients with metastatic colorectal cancer.

## Editorial

### Vitamin D as Cancer Therapy? Insights From 2 New Trials

Elizabeth L. Barry, PhD; Michael N. Passarelli, PhD; John A. Baron, MD, MS, MSc

 **Audio Interview:** Insights From 2 New Trials on Vitamin D as Cancer Therapy

# Association of HIV Preexposure Prophylaxis With Incidence of Sexually Transmitted Infections Among Individuals at High Risk of HIV Infection

Michael W. Traeger, MSc; Vincent J. Cornelisse, MBBS, PhD; Jason Asselin, BSc; et al.

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

 JAMA. 2019;321(14):1380-1390. doi:10.1001/jama.2019.2947

To evaluate the possibility that HIV preexposure prophylaxis (PrEP) might lead to behavioral changes that increase risk of non-HIV sexually transmitted infections (STIs), this cohort study investigates the incidence of chlamydia, gonorrhea, and syphilis among a population of Australian gay and bisexual men before and after initiation of HIV PrEP.

## Editorial



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## Addressing the Sexually Transmitted Infection and HIV Syndemic

Monica Gandhi, MD, MPH; Matthew A. Spinelli, MD; Kenneth H. Mayer, MD

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## Association of Patient Characteristics and Tumor Genomics With Clinical Outcomes Among Patients With Non–Small Cell Lung Cancer Using a Clinicogenomic Database

Gaurav Singal, MD; Peter G. Miller, MD, PhD; Vineeta Agarwala, MD, PhD; et al.

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

JAMA. 2019;321(14):1391-1399. doi:10.1001/jama.2019.3241

This cancer epidemiology study links electronic health record (EHR) data with comprehensive genomic profiling to identify patient characteristics and gene alterations associated with overall survival, response to targeted and immune therapies, and other clinical outcomes in patients non–small cell lung cancer (NSCLC).

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## Editorial

### The Evolving Uses of “Real-World” Data

Ethan Basch, MD, MSc; Deborah Schrag, MD, MPH

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## Research Letter

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## Nurse Practitioner and Physician Assistant Waivers to Prescribe Buprenorphine and State Scope of Practice Restrictions

Joanne Spetz, PhD; Christopher Toretsky, MPH; Susan Chapman, PhD, RN; et al.

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

JAMA. 2019;321(14):1407-1408. doi:10.1001/jama.2019.0834

This study uses SAMHSA data to describe the proportions of nurse practitioners and physician assistants with waivers to prescribe buprenorphine for treating opioid use disorder and associations with state regulations restricting their scope of practice.

## Viewpoint

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### Trust in Health Care

## Physicians’ Trust in One Another

Richard M. Frankel, PhD; Virginia P. Tilden, PhD; Anthony Suchman, MD, MA

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

JAMA. 2019;321(14):1345-1346. doi:10.1001/jama.2018.20569

This Viewpoint discusses the importance of trust between physicians for ensuring quality care and reducing physician burnout; shares physicians’ stories about trust and mistrust of their peers and colleagues; and proposes a set of initial principles intended to foster physician-physician trust.

Editorial

Trust in Health Care

Howard Bauchner, MD

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### Trust in Health Care

## Why Physicians Should Trust in Patients

Rachel Grob, PhD; Gwen Darien, BA; David Meyers, MD

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

JAMA. 2019;321(14):1347-1348. doi:10.1001/jama.2019.1500

This Viewpoint discusses the importance of reciprocal trust between patients and physicians, identifies reasons physicians may not trust their patients, and proposes ways physicians can communicate their trust directly to patients.

## Editorial

### Trust in Health Care

Howard Bauchner, MD

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## Obesity Treatment, Beyond the Guidelines: Practical Suggestions for Clinical Practice

Scott Kahan, MD, MPH; JoAnn E. Manson, MD, DrPH

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

*JAMA*. 2019;321(14):1349-1350. doi:10.1001/jama.2019.2352

This Viewpoint proposes a guideline-based approach to weight management counseling in primary care, emphasizing the need to avoid stigmatizing overweight and obesity, and the need for physician persistence in offering patients their attention, support, and individualized treatment.

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## Nutrition Education in Medical School, Residency Training, and Practice

Stephen Devries, MD; Walter Willett, MD, DrPH; Robert O. Bonow, MD, MS

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

*JAMA*. 2019;321(14):1351-1352. doi:10.1001/jama.2019.1581

This Viewpoint discusses the lack of nutrition education offered to medical students, despite the important role that physicians can and should play in advising patients on the topic, and proposes ways to integrate meaningful nutrition instruction into all phases of medical training.

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## A Piece of My Mind

### Having the Conversation I Encourage Others to Have

Kate Lally, MD

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

JAMA. 2019;321(14):1353. doi:10.1001/jama.2019.3166

In this narrative medicine essay, a palliative care physician with breast cancer talks about the end-of-life conversations she and her husband have, recalling how her priorities have changed through life stages and how she uses her experiences to inform her interactions with her own cancer patients.

## Editorial

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### Vitamin D as Cancer Therapy? Insights From 2 New Trials

Elizabeth L. Barry, PhD; Michael N. Passarelli, PhD; John A. Baron, MD, MS, MSc

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

  JAMA. 2019;321(14):1354-1355. doi:10.1001/jama.2019.2589

 **Audio Interview:** Insights From 2 New Trials on Vitamin D as Cancer Therapy

---

### Addressing the Sexually Transmitted Infection and HIV Syndemic

Monica Gandhi, MD, MPH; Matthew A. Spinelli, MD; Kenneth H. Mayer, MD

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

JAMA. 2019;321(14):1356-1358. doi:10.1001/jama.2019.2945

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### The Evolving Uses of “Real-World” Data

Ethan Basch, MD, MSc; Deborah Schrag, MD, MPH

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

JAMA. 2019;321(14):1359-1360. doi:10.1001/jama.2019.4064

## JAMA Guide to Statistics and Methods

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# Overview of Cost-effectiveness Analysis

Gillian D. Sanders, PhD; Matthew L. Maciejewski, PhD; Anirban Basu, PhD

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

JAMA. 2019;321(14):1400-1401. doi:10.1001/jama.2019.1265

This JAMA Guide to Statistics and Methods reviews the use of cost-effectiveness analysis to quantify the tradeoffs in costs, harms, and benefits of new health care interventions compared with existing interventions.

## JAMA Performance Improvement

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### Reducing Emergency Department Length of Stay

Mary P. Mercer, MD, MPH; Malini K. Singh, MD, MPH; Hemal K. Kanzaria, MD, MS

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

 JAMA. 2019;321(14):1402-1403. doi:10.1001/jama.2018.21812

This JAMA Performance Improvement article uses the case of a patient who presented to the emergency department but left after waiting 4 hours without being seen to discuss interdisciplinary improvement efforts for reducing system inefficiencies and improving access to care in emergency departments.

 **Audio:** How to Reduce Emergency Department Dwell Time

## JAMA Diagnostic Test Interpretation

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### Evaluating the Erythrocyte Sedimentation Rate

Andrew J. Hale, MD; Daniel N. Ricotta, MD; Jason A. Freed, MD

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

 JAMA. 2019;321(14):1404-1405. doi:10.1001/jama.2019.1178

A 65-year-old woman presented with 2 days of throbbing, bilateral temporal headache and bilateral blurred vision, an erythrocyte sedimentation rate (ESR) of 110 mm/h, and total protein of 10.4 g/dL. Results of a temporal artery biopsy showed a normal caliber lumen without infiltrating inflammatory cells. What is the

diagnosis, and what would you do next?

## Medical News & Perspectives

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### Mesh Implants for Women: Scandal or Standard of Care?

Rita Rubin, MA

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

JAMA. 2019;321(14):1338-1340. doi:10.1001/jama.2019.0940

This Medical News story examines the controversy over the safety and effectiveness of mesh implants used to treat pelvic organ prolapse and stress urinary incontinence.

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### Quick Uptakes: Taking the Uncertainty Out of Interpreting *BRCA* Variants

Rebecca Voelker, MSJ

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

JAMA. 2019;321(14):1340-1341. doi:10.1001/jama.2019.0967

This Medical News feature provides highlights of a comprehensive international database that can help clinicians and patients clarify the meaning of *BRCA1* and *BRCA2* genetic variants.

## The JAMA Forum

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### Deprescribing Policies: Time for a Fresh Approach

Ashish K. Jha, MD, MPH

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

☐ JAMA. 2019;321(14):1341-1342. doi:10.1001/jama.2019.2939

## News From the Centers for Disease Control and Prevention

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# Measles Vaccine Exemptions

Bridget Kuehn, MSJ

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

JAMA. 2019;321(14):1344. doi:10.1001/jama.2019.3063

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# Vaping and Pregnancy

Bridget Kuehn, MSJ

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

JAMA. 2019;321(14):1344. doi:10.1001/jama.2019.3424

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# Biotech Innovations

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## Better Cholera Counts Through Machine Learning Models

Jennifer Abbasi

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

JAMA. 2019;321(14):1343. doi:10.1001/jama.2019.3459

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## Wireless Vital Signs Monitoring for the NICU

Jennifer Abbasi

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

JAMA. 2019;321(14):1343. doi:10.1001/jama.2019.3243

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## HIV Remission After Hematopoietic Stem Cell Transplant

Jennifer Abbasi

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

JAMA. 2019;321(14):1343. doi:10.1001/jama.2019.3460

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## Comment & Response

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### Decontamination Strategies for Critically Ill Patients

Nia Taylor, MPhil; Hans Rommes, PhD; Hendrick van Saene, PhD

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

*JAMA*. 2019;321(14):1408-1409. doi:10.1001/jama.2019.0452

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### Decontamination Strategies for Critically Ill Patients

Peter E. Spronk, MD; Brian H. Cuthbertson, MD

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

*JAMA*. 2019;321(14):1409. doi:10.1001/jama.2019.0448

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### Decontamination Strategies for Critically Ill Patients

Chien-Ming Chao, MD; Chih-Cheng Lai, MD

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

*JAMA*. 2019;321(14):1409-1410. doi:10.1001/jama.2019.0444

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### Decontamination Strategies for Critically Ill Patients— Reply

Bastiaan H. Wittekamp, MD, PhD; Nienke L. Plantinga, MD, PhD; Marc J. M. Bonten, MD, PhD

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

*JAMA*. 2019;321(14):1410. doi:10.1001/jama.2019.0456

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### Multifaceted Program to Reduce Job Strain in ICU Nurses

François-Xavier Lesage, MD, PhD; Guillaume Choron, MD; Frederic Dutheil, MD, PhD



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

JAMA. 2019;321(14):1410-1411. doi:10.1001/jama.2019.0570

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## Multifaceted Program to Reduce Job Strain in ICU Nurses —Reply

Sabine Valera, RN; Karine Baumstarck, MD, PhD; Laurent Papazian, MD, PhD

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

JAMA. 2019;321(14):1411-1412. doi:10.1001/jama.2019.0580

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## Correction

### Incorrect Data in Figure

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

☐ JAMA. 2019;321(14):1412. doi:10.1001/jama.2019.3124

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### Incorrect Word Used

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

☐ JAMA. 2019;321(14):1412. doi:10.1001/jama.2019.3270

#### Editorial

### The Evolving Story of Triglycerides and Coronary Heart Disease Risk

Ann Marie Navar, MD, PhD

---

## The Arts and Medicine

### Clinical Role-Play in Autonomous Sensory Meridian Response (ASMR) Videos: Performance and Placebo in the

## Digital Era

Amisha Ahuja, MD; Nitin Kumar Ahuja, MD, MS

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

☐ *JAMA*. 2019;321(14):1336-1337. doi:10.1001/jama.2019.2302

This Arts and Medicine essay describes the growth of clinical role-play ASMR videos online, reviews what little is known about the ASMR phenomenon, and discusses it in the context of placebo response research.

## Poetry and Medicine

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### Oximetry

Ellen McCulloch Lovell

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

*JAMA*. 2019;321(14):1413. doi:10.1001/jama.2018.20560

## JAMA Revisited

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### Green Foods and Vitamins

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

*JAMA*. 2019;321(14):1414. doi:10.1001/jama.2018.15286

## JAMA Patient Page

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### Eosinophilic Esophagitis

Craig D. Peiris, BS, MS; James A. Tarbox, MD

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

☐ *JAMA*. 2019;321(14):1418. doi:10.1001/jama.2019.1992

This JAMA Patient Page describes the symptoms, diagnosis, and treatment of eosinophilic esophagitis.



**April 16, 2019**, Vol 321, No. 15, Pages 1429-1542

## In This Issue of JAMA

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### Highlights

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

  JAMA. 2019;321(15):1429-1431. doi:10.1001/jama.2018.15289

 **Audio Summary:** Effect of Add-On Semaglutide vs Sitagliptin for Type 2 Diabetes, Doxepin vs Standard Mouthwash for XRT-Related Mucositis, Workplace Wellness Programs for Employee Health, and more

## Original Investigation

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### Effect of Additional Oral Semaglutide vs Sitagliptin on Glycated Hemoglobin in Adults With Type 2 Diabetes Uncontrolled With Metformin Alone or With Sulfonylurea: The PIONEER 3 Randomized Clinical Trial

Julio Rosenstock, MD; Dale Allison, MD; Andreas L. Birkenfeld, MD; et al.

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

JAMA. 2019;321(15):1466-1480. doi:10.1001/jama.2019.2942

This randomized clinical trial compares the effects of 3-, 7-, and 14-mg/d of oral semaglutide vs sitagliptin on glycated hemoglobin in patients with type 2 diabetes uncontrolled with metformin alone or with sulfonylurea.

#### Editorial

#### The Future of the GLP-1 Receptor Agonists

Irl B. Hirsch, MD

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## Effect of Doxepin Mouthwash or Diphenhydramine-Lidocaine-Antacid Mouthwash vs Placebo on Radiotherapy-Related Oral Mucositis Pain: The Alliance A221304 Randomized Clinical Trial

Terence T. Sio, MD, MS; Jennifer G. Le-Rademacher, PhD; James L. Leenstra, MD; et al.

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

JAMA. 2019;321(15):1481-1490. doi:10.1001/jama.2019.3504

This phase 3 randomized trial compares the effect of doxepin mouthwash or diphenhydramine-lidocaine-antacid mouthwash on oral mucositis–related pain among patients who underwent definitive head and neck radiotherapy.

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### Editorial

#### The Search for an Effective Therapy and Pain Relief for Oral Mucositis

Sharon Elad, DMD, MSc; Noam Yarom, DMD

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## Effect of a Workplace Wellness Program on Employee Health and Economic Outcomes: A Randomized Clinical Trial

Zirui Song, MD, PhD; Katherine Baicker, PhD

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

☐ JAMA. 2019;321(15):1491-1501. doi:10.1001/jama.2019.3307

This cluster randomized clinical trial evaluates the effects of a workplace wellness program comprising nutrition, physical activity, and stress reduction modules on self-reported lifestyle outcomes (exercise, diet, smoking, alcohol use), clinical measures (eg, cholesterol, blood pressure, body mass index [BMI]), spending and utilization measures, and employment outcomes (absenteeism job tenure, job performance).

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### Editorial

#### Employer Wellness Programs—A Work in Progress

Jean Marie Abraham, PhD

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## Research Letter

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### Decision Support and Alerts of Apps for Self-management of Blood Glucose for Type 2 Diabetes

Elaine Lum, MClInPharm, PhD; Geronimo Jimenez, MA; Zhilian Huang, MPH; et al.

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

JAMA. 2019;321(15):1530-1532. doi:10.1001/jama.2019.1644

This study characterizes the proportion of apps available in 2018 for self-management of type 2 diabetes that included goal-setting features, reminders to measure blood glucose, hypoglycemia and hyperglycemia alerts, and action prompts.

## US Preventive Services Task Force

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### Recommendation Statement

### Screening for Elevated Blood Lead Levels in Children and Pregnant Women: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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

☐ ☐ ☐ JAMA. 2019;321(15):1502-1509. doi:10.1001/jama.2019.3326

This 2019 Recommendation Statement from the US Preventive Services Task Force concludes that current evidence is insufficient to assess the balance of benefits and harms of screening for elevated blood lead levels in asymptomatic children (I statement) and asymptomatic pregnant persons (I statement).



**Audio Interview:** USPSTF Recommendation: Screening for Elevated Blood Lead Levels in Children and Pregnancy

## Editorial

### Screening for Elevated Blood Lead Levels in Children and Pregnant Women

Adam J. Spanier, MD, PhD, MPH; Pat McLaine, DrPH, RN; Robyn C. Gilden, PhD, RN

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#### Evidence Report

## Screening for Elevated Blood Lead Levels in Childhood and Pregnancy: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Amy G. Cantor, MD, MPH; Rob Hendrickson, MD; Ian Blazina, MPH; et al.

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

☐ JAMA. 2019;321(15):1510-1526. doi:10.1001/jama.2019.1004

This systematic review to support the 2019 US Preventive Services Task Force Recommendation Statement on screening for elevated blood lead levels in childhood and pregnancy summarizes published evidence on the benefits and harms of screening and intervention for elevated blood lead levels in pregnant women and children 5 years and younger in the primary care setting.

## Editorial

### Screening for Elevated Blood Lead Levels in Children and Pregnant Women

Adam J. Spanier, MD, PhD, MPH; Pat McLaine, DrPH, RN; Robyn C. Gilden, PhD, RN

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## Viewpoint

## The Uncertain Effect of Financial Incentives to Improve Health Behaviors

Harsha Thirumurthy, PhD; David A. Asch, MD; Kevin G. Volpp, MD, PhD

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

☐ JAMA. 2019;321(15):1451-1452. doi:10.1001/jama.2019.2560

Given considerable empirical support for using financial incentives to motivate desired behaviors, this

Viewpoint reviews behavioral economics principles and methodological reasons that might explain the absence of an effect of financial rewards on medication adherence and health outcomes in several recent randomized trials.

 **Audio Interview:** The Uncertain Effect of Financial Incentives to Improve Health Behaviors

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## A Model for Public Access to Trustworthy and Comprehensive Reporting of Research

Marina Broitman, PhD; Harold C. Sox, MD; Jean Slutsky, PA, MSPH

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

JAMA. 2019;321(15):1453-1454. doi:10.1001/jama.2019.2807

This Viewpoint describes the peer review processes of the Patient-Centered Outcomes Research Institute, the yield since 2010 of publicly posted final reports of funded comparative effectiveness studies, and speculates that the benefits of the legislatively mandated process may someday outweigh its many current procedural challenges.

## A Piece of My Mind

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### Casting

C. Alessandra Colaianni, MD, MPhil

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

 JAMA. 2019;321(15):1455-1456. doi:10.1001/jama.2019.3954

In this narrative medicine essay an otolaryngologist remembers a patient who identifies her physicians as characters in the television show *Grey's Anatomy*, a playful reference that makes her advanced cancer hospitalizations bearable and disarms her physicians through diversion and humor.

## Editorial

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## The Future of the GLP-1 Receptor Agonists

Irl B. Hirsch, MD

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

JAMA. 2019;321(15):1457-1458. doi:10.1001/jama.2019.2941

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## The Search for an Effective Therapy and Pain Relief for Oral Mucositis

Sharon Elad, DMD, MSc; Noam Yarom, DMD

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

JAMA. 2019;321(15):1459-1461. doi:10.1001/jama.2019.3269

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## Employer Wellness Programs—A Work in Progress

Jean Marie Abraham, PhD

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

JAMA. 2019;321(15):1462-1463. doi:10.1001/jama.2019.3376

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## Screening for Elevated Blood Lead Levels in Children and Pregnant Women

Adam J. Spanier, MD, PhD, MPH; Pat McLaine, DrPH, RN; Robyn C. Gilden, PhD, RN

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

JAMA. 2019;321(15):1464-1465. doi:10.1001/jama.2019.2594

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## JAMA Clinical Guidelines Synopsis

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## Management of Patients With Severe Aortic Stenosis With Transcatheter Valve Replacement

AbdulRahman Dia, MD; Adam S. Cifu, MD; Atman P. Shah, MD



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

JAMA. 2019;321(15):1527-1528. doi:10.1001/jama.2019.1336

This JAMA Clinical Guidelines Synopsis summarizes the 2017 focused update of the American College of Cardiology/American Heart Association (AHA/ACC) guideline on management of patients with severe aortic stenosis focusing on surgical vs transcatheter valve replacement (TAVR).

## Medical News & Perspectives

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### Dr Schrier Goes to Congress as Second Woman Physician

Rita Rubin, MA

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

  JAMA. 2019;321(15):1443-1445. doi:10.1001/jama.2019.1704

This Medical News article is an interview with the first pediatrician and second woman physician to serve in Congress.

 **Audio:** Dr Schrier Goes to Congress as Second Woman Physician

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#### Quick Uptakes

### Childhood Lead Exposure May Affect Personality, Mental Health in Adulthood

Feyza Sancar, PhD

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

 JAMA. 2019;321(15):1445-1446. doi:10.1001/jama.2019.1116

This Medical News feature summarizes a recent study exploring the link between childhood lead exposure and mental health and personality in adulthood.

## News From the Food and Drug Administration

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## Robotically Assisted Surgical Devices Raise Caution

Feyza Sancar, PhD

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

☐ JAMA. 2019;321(15):1449. doi:10.1001/jama.2019.3834

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## New Therapy for Treatment-Resistant Depression

Feyza Sancar, PhD

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

☐ JAMA. 2019;321(15):1449. doi:10.1001/jama.2019.3596

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## Agreement to Regulate Cell-Based Meat Products

Feyza Sancar, PhD

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

☐ JAMA. 2019;321(15):1449. doi:10.1001/jama.2019.3831

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## The JAMA Forum

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### Making Amends for the Opioid Epidemic

Joshua M. Sharfstein, MD; Yngvild Olsen, MD

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

☐ JAMA. 2019;321(15):1446-1447. doi:10.1001/jama.2019.3505

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## Global Health

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### Monster 2015-2016 El Niño Event Triggered Infectious Diseases

M.J. Friedrich

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

☐ JAMA. 2019;321(15):1448. doi:10.1001/jama.2019.3155

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## Cancer Goes Undiagnosed in Almost Half the World's Children

M.J. Friedrich

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

☐ JAMA. 2019;321(15):1448. doi:10.1001/jama.2019.3827

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## Antimicrobial Resistance on the Rise in Zoonotic Bacteria in Europe

M.J. Friedrich

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

☐ JAMA. 2019;321(15):1448. doi:10.1001/jama.2019.3829

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## Comment & Response

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### Lowering the *P* Value Threshold

Amin Adibi, MSc; Don Sin, MD; Mohsen Sadatsafavi, MD, PhD

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

JAMA. 2019;321(15):1532-1533. doi:10.1001/jama.2019.0566

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### Lowering the *P* Value Threshold—Reply

Cole Wayant, BS; Jared Scott, BS; Matt Vassar, PhD

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

JAMA. 2019;321(15):1533. doi:10.1001/jama.2019.0574

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# Evaluation for Fibrosis After Cure of Hepatitis C

Brett G. Fischer, MD; Amiran Baduashvili, MD; Arthur T. Evans, MD, MPH

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

JAMA. 2019;321(15):1534. doi:10.1001/jama.2019.0865

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# Evaluation for Fibrosis After Cure of Hepatitis C

Deborah Kahal, MD, MPH

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

JAMA. 2019;321(15):1534-1535. doi:10.1001/jama.2019.0869

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# Evaluation for Fibrosis After Cure of Hepatitis C—Reply

Julius Wilder, MD, PhD; Steve S. Choi, MD; Cynthia A. Moylan, MD, MHS

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

JAMA. 2019;321(15):1535. doi:10.1001/jama.2019.0873

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# Correction

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# Error in JAMA Forum Article on Pelvic Examination Under Anesthesia

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

☐ JAMA. 2019;321(15):1535. doi:10.1001/jama.2019.3638

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# Incorrect Numeric Value

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

☐ [JAMA. 2019;321\(15\):1535. doi:10.1001/jama.2019.4034](#)

## Poetry and Medicine

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### The MRI

Judith Skillman

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

☐ [JAMA. 2019;321\(15\):1536. doi:10.1001/jama.2018.22127](#)

## JAMA Revisited

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### The Foxhall Fossil Human Jawbone

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

☐ [JAMA. 2019;321\(15\):1537. doi:10.1001/jama.2018.15297](#)

## JAMA Patient Page

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### Screening for High Blood Lead Levels in Children and Pregnant Women

Jill Jin, MD, MPH

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

☐ [JAMA. 2019;321\(15\):1542. doi:10.1001/jama.2019.2944](#)

This JAMA Patient Page describes the US Preventive Services Task Force's recent recommendations on screening for high blood lead levels in children and pregnant women.

## JAMA Masthead

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### JAMA



**April 23/30, 2019**, Vol 321, No. 16, Pages 1547-1642

## In This Issue of JAMA

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### Highlights

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

☐ ☐ JAMA. 2019;321(16):1547-1549. doi:10.1001/jama.2018.15300

☐ **Audio Summary:** IPV Prevention in Pregnant Women, Trends in Sedentary Behavior, Fixing Prescription Drug Pricing, and more

## Original Investigation

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### Effect of Addition of an Intimate Partner Violence Intervention to a Nurse Home Visitation Program on Maternal Quality of Life: A Randomized Clinical Trial

Susan M. Jack, RN, PhD; Michael Boyle, PhD; Christine McKee, MA; et al.

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

☐ JAMA. 2019;321(16):1576-1585. doi:10.1001/jama.2019.3211

This cluster randomized trial compares the effect of a nurse home visitation program augmented by an intimate partner violence (IPV) intervention vs nurse home visitation alone on quality of life 24 months after delivery among first-time mothers experiencing social and economic disadvantage.

#### Editor's Note

#### Addition of an Intimate Partner Violence Intervention to a Nurse Home Visitation Program

Dara Grennan, MD; Thomas B. Cole, MD, MPH

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# Trends in Sedentary Behavior Among the US Population, 2001-2016

Lin Yang, PhD; Chao Cao, MPH; Elizabeth D. Kantor, MPH, PhD; et al.

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

☐ JAMA. 2019;321(16):1587-1597. doi:10.1001/jama.2019.3636

This national survey study uses National Health and Nutrition Examination Survey (NHANES) data to describe trends in sedentary behaviors of the adolescent and adult US population, including watching television or videos for 2 or more hours per day, computer use 1 or more hour per day, and total sitting time.

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# Association of State Medicaid Expansion Status With Low Birth Weight and Preterm Birth

Clare C. Brown, PhD, MPH; Jennifer E. Moore, PhD, RN; Holly C. Felix, PhD, MPA; et al.

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

☐ JAMA. 2019;321(16):1598-1609. doi:10.1001/jama.2019.3678

This study uses national health statistics data to evaluate associations between state Medicaid expansion in 2014-2016 and changes in rates of low birth weight and preterm birth, both overall and by race/ethnicity.

## Editor's Note

### Medicaid Expansion and Birth Outcomes

Howard Bauchner, MD; Karen Joynt Maddox, MD, MPH

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## Research Letter

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# Trends in Medicaid Prices, Market Share, and Spending on

## Long-Acting Insulins, 2006-2018

Inmaculada Hernandez, PharmD, PhD; Chester B. Good, MD, MPH; William H. Shrank, MD, MSHS; et al.

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

JAMA. 2019;321(16):1627-1629. doi:10.1001/jama.2019.2990

This study uses Medicaid drug utilization data to describe reimbursement and market share of long-acting insulins before and after approval of new insulin products and to estimate savings associated with a “biosimilar” for insulin glargine approved in 2015.

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## US State Regulation of Decisions for Pregnant Women Without Decisional Capacity

Erin S. DeMartino, MD; Beau P. Sperry, BA; Cavan K. Doyle, JD, LL.M.; et al.

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

JAMA. 2019;321(16):1629-1631. doi:10.1001/jama.2019.2587

This study characterizes the prevalence and content of US state statutes governing treatment decisions for decisionally incapacitated pregnant women.

### Editorial

#### Statutory Restrictions on Advance Care Planning and Pregnancy

Anne Drapkin Lyerly, MD, MA

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## Special Communication

### Reporting of Multi-Arm Parallel-Group Randomized Trials: Extension of the CONSORT 2010 Statement

Edmund Juszczak, MSc; Douglas G. Altman, DSc; Sally Hopewell, DPhil; et al.

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

☐ JAMA. 2019;321(16):1610-1620. doi:10.1001/jama.2019.3087



This extension of the CONSORT 2010 Statement, a guideline and checklist for reporting parallel group randomized trials, provides updates for the reporting of multi-arm trials to assist evaluations of rigor and reproducibility and enhance understanding of the methodology of trials with more than 2 comparison arms.

## Editor's Note

### A Tribute to Douglas G. Altman, DSc

Drummond Rennie, MD

## Viewpoint

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### Health Policy

## The States as Important Laboratories for Federal Prescription Drug Cost-Containment Efforts

Jane C. Horvath, MHSA; Gerard F. Anderson, PhD

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

JAMA. 2019;321(16):1561-1562. doi:10.1001/jama.2019.2189

This Viewpoint proposes ways states can control the costs of expensive drugs produced by single manufacturers, including importation from other countries, international benchmark pricing, and statewide upper payment limits.

## Editorial

### Lowering Cost and Increasing Access to Drugs Without Jeopardizing Innovation

Robert M. Califf, MD; Andrew Slavitt, MBA



**Audio Interview:** Lowering Cost and Increasing Access to Drugs Without Hurting Innovation

### Health Policy

## Prescription Drugs—List Price, Net Price, and the Rebate Caught in the Middle

Stacie B. Dusetzina, PhD; Peter B. Bach, MD, MAPP

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

JAMA. 2019;321(16):1563-1564. doi:10.1001/jama.2019.2445

In this Viewpoint, Peter Bach and colleague Stacie Dusetzina question the assumption underlying a 2019 proposed federal rule change to eliminate drug manufacturer rebates to pharmacy benefit managers (PBMs) as a way to decrease prescription drug prices, and they propose more extensive restructuring, including a cap on out-of-pocket spending for Medicare Part D beneficiaries, to better control drug costs and save patients money.

## Editorial

### Lowering Cost and Increasing Access to Drugs Without Jeopardizing Innovation

Robert M. Califf, MD; Andrew Slavitt, MBA



**Audio Interview:** Lowering Cost and Increasing Access to Drugs Without Hurting Innovation

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## Health Policy

### Canada's Amendment to Patented Drug Price Regulation: A Prescription for Global Drug Cost Control?

Brittany Humphries, MSc; Feng Xie, PhD

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

JAMA. 2019;321(16):1565-1566. doi:10.1001/jama.2019.2280

This Viewpoint reviews proposed changes to regulations governing Canada's Patented Medicine Process Review Board, a group mandated by Canada's government to ensure manufacturers do not charge excessive drug prices, including use of cost-utility analyses to define excessive pricing, revision of reference country comparisons, and reducing regulatory burdens for generic drugs.

## Editorial

### Lowering Cost and Increasing Access to Drugs Without Jeopardizing Innovation

Robert M. Califf, MD; Andrew Slavitt, MBA



**Audio Interview:** Lowering Cost and Increasing Access to Drugs Without Hurting Innovation

## Health Policy

# Novel Therapies for an Aging Population: Grappling With Price, Value, and Affordability

Jerry H. Gurwitz, MD; Steven D. Pearson, MD, MSc

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

JAMA. 2019;321(16):1567-1568. doi:10.1001/jama.2019.2633

This Viewpoint discusses the costs of emerging therapies for conditions prevalent in the US Baby Boomer population now entering old age and proposes principles to ensure the value and accessibility of new expensive drugs including cost-effectiveness (CE) assessments, price-benefit alignment, and incorporation of CE data into clinical practice guidelines.

## Editorial

### Lowering Cost and Increasing Access to Drugs Without Jeopardizing Innovation

Robert M. Califf, MD; Andrew Slavitt, MBA



**Audio Interview:** Lowering Cost and Increasing Access to Drugs Without Hurting Innovation

## A Piece of My Mind

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### The Right to Grieve

Minjee Kim, MD

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

JAMA. 2019;321(16):1569-1570. doi:10.1001/jama.2019.4265

In this narrative medicine essay a neurointensivist discusses her evolving understanding of her personal and professional responses to patient deaths, the pressures physicians face not to grieve, and the importance of attending patients' funerals for bringing closure to relationships with patient families and easing feelings of guilt, sadness, isolation, and denial.

## Editorial

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# Lowering Cost and Increasing Access to Drugs Without Jeopardizing Innovation

Robert M. Califf, MD; Andrew Slavitt, MBA

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

 JAMA. 2019;321(16):1571-1573. doi:10.1001/jama.2019.3846

 **Audio Interview:** Lowering Cost and Increasing Access to Drugs Without Hurting Innovation

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# Statutory Restrictions on Advance Care Planning and Pregnancy

Anne Drapkin Lyerly, MD, MA

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

JAMA. 2019;321(16):1574-1575. doi:10.1001/jama.2019.2588

## JAMA Insights

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### Clinical Update

## Management of Small Kidney Tumors in 2019

Stella K. Kang, MD, MSc; Marc A. Bjurlin, DO, MSc; William C. Huang, MD

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

JAMA. 2019;321(16):1622-1623. doi:10.1001/jama.2019.1672

This JAMA Insights Clinical Update reviews the diagnosis and treatment options for small kidney tumors including active surveillance, biopsy, radical nephrectomy, and nephron-sparing treatments (partial nephrectomy and percutaneous ablation).

## JAMA Clinical Challenge

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## A Man With Headache, Fever, and Neck Stiffness

Rachel Cooper, MD, MSPH; John Dudley, MD; Dimitrios Farmakiotis, MD

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

☐ ☐ JAMA. 2019;321(16):1624-1625. doi:10.1001/jama.2019.1772

A 53-year-old man with a history of pseudogout and receiving immunosuppressives after renal transplant had 2 weeks of stiff neck, headache, and fevers and 3 days of right knee pain and swelling with nuchal rigidity, a positive Kernig sign, no focal neurologic deficits, and a right knee effusion on examination. Blood and CSF cultures were negative, WBC count was high normal, and cervical MRI showed degenerative changes with periodontoid calcifications and reactive marrow. What is the diagnosis and what would you do next?

## Editor's Note

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### Addition of an Intimate Partner Violence Intervention to a Nurse Home Visitation Program

Dara Grennan, MD; Thomas B. Cole, MD, MPH

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

☐ JAMA. 2019;321(16):1586. doi:10.1001/jama.2019.3712

### Medicaid Expansion and Birth Outcomes

Howard Bauchner, MD; Karen Joynt Maddox, MD, MPH

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

☐ JAMA. 2019;321(16):1609. doi:10.1001/jama.2019.3824

### A Tribute to Douglas G. Altman, DSc

Drummond Rennie, MD

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

☐ JAMA. 2019;321(16):1621. doi:10.1001/jama.2019.3830

## Medical News & Perspectives

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### Unpacking a Recent Study Linking Diet Soda With Stroke Risks

Jennifer Abbasi

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

  JAMA. 2019;321(16):1554-1555. doi:10.1001/jama.2019.2123

This Medical News article is an interview with Yasmin Mossavar-Rahmani, PhD, RD, who studied the association of artificially sweetened beverages with cardiovascular disease and mortality in women.

 **Audio:** Unpacking A Recent Study Linking Diet Soda With Stroke Risks

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#### Quick Uptakes

### Chemicals in Consumer Products Associated With Early Puberty

Jennifer Abbasi

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

  JAMA. 2019;321(16):1556. doi:10.1001/jama.2019.1111

This Medical News article discusses prenatal and peripubertal exposures to phthalates, parabens, and phenols and associations with puberty timing.

 **Audio:** JAMA Medical News Summary (April 2019): Maternal Mortality, Nonsugar Sweetened Beverages and Stroke, Mesh Implants, Rotavirus Vaccine and Type-1 Diabetes, Childhood Lead Exposure, and more

## News From the Centers for Disease Control and Prevention

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### Trends in Blood Infection Rates

Bridget Kuehn, MSJ

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

☐ [JAMA. 2019;321\(16\):1559. doi:10.1001/jama.2019.3818](#)

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## Traumatic Brain Injuries Among Youth

Bridget Kuehn, MSJ

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

☐ [JAMA. 2019;321\(16\):1559. doi:10.1001/jama.2019.3877](#)

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## Clinical Trials Update

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### Rapid Blood Pressure Reduction Safe for Ischemic Stroke

Anita Slomski, MA

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

☐ [JAMA. 2019;321\(16\):1558. doi:10.1001/jama.2019.3797](#)

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### Caring Text Messages for Preventing Suicides

Anita Slomski, MA.

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

☐ [JAMA. 2019;321\(16\):1558. doi:10.1001/jama.2019.4592](#)

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### Acupuncture May Reduce Menopausal Symptoms

Anita Slomski, MA

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

☐ [JAMA. 2019;321\(16\):1558. doi:10.1001/jama.2019.4593](#)

# Flexible Duty Hours, Sleep, and Patient Outcomes

Anita Slomski, MA

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

☐ JAMA. 2019;321(16):1558. doi:10.1001/jama.2019.4594

## Health Agencies Update

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### HHS Funds Development of Vaccine Against Marburg Virus

Rita Rubin, MA

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

☐ JAMA. 2019;321(16):1557. doi:10.1001/jama.2019.4035

### Screening Preteens in the Emergency Department for Suicide Risk

Rita Rubin, MA

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

☐ JAMA. 2019;321(16):1557. doi:10.1001/jama.2019.4588

### Free App to Help Patients Ask Appropriate Questions

Rita Rubin, MA

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

☐ JAMA. 2019;321(16):1557. doi:10.1001/jama.2019.4590

## Comment & Response

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### Post Hoc Bayesian Analyses



Scott K. Aberegg, MD, MPH

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

*JAMA*. 2019;321(16):1631-1632. doi:10.1001/jama.2019.1198

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## Post Hoc Bayesian Analyses

David Ferreira, MD; Nicolas Meyer, MD, PhD

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

*JAMA*. 2019;321(16):1632. doi:10.1001/jama.2019.1194

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## Post Hoc Bayesian Analyses—Reply

Ewan C. Goligher, MD, PhD; George Tomlinson, PhD; Arthur S. Slutsky, MD

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

*JAMA*. 2019;321(16):1632-1633. doi:10.1001/jama.2019.1202

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## Patient-Physician Relationship in the Age of Expanded Access to Information

Eric Weinlander, MD

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

*JAMA*. 2019;321(16):1633. doi:10.1001/jama.2019.1066

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## Patient-Physician Relationship in the Age of Expanded Access to Information—Reply

Madison K. Kilbride, PhD; Steven Joffe, MD, MPH

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

*JAMA*. 2019;321(16):1633-1634. doi:10.1001/jama.2019.1073

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## Additional Approaches to Treatment of Depression

Robert M. Carney, PhD

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

*JAMA*. 2019;321(16):1634-1635. doi:10.1001/jama.2019.2052

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## Additional Approaches to Treatment of Depression

Nikolaos Kazantzis, PhD; Stefan G. Hofmann, PhD

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

*JAMA*. 2019;321(16):1635. doi:10.1001/jama.2019.2068

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## Additional Approaches to Treatment of Depression—Reply

Pim Cuijpers, PhD

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

*JAMA*. 2019;321(16):1635-1636. doi:10.1001/jama.2019.2092

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## Correction

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## Numerical Errors and Addition of a Sentence

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

☐ *JAMA*. 2019;321(16):1636. doi:10.1001/jama.2019.3497

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## Error in the Introduction

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

☐ *JAMA*. 2019;321(16):1636. doi:10.1001/jama.2019.3897

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## Data Error

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

☐ *JAMA*. 2019;321(16):1636. doi:10.1001/jama.2019.4254

## Poetry and Medicine

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### The Suit

Avraham Z. Cooper, MD

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

☐ *JAMA*. 2019;321(16):1637. doi:10.1001/jama.2019.1494

## JAMA Revisited

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### Medicolegal: Conditions Warranting Requirement of Vaccination

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

*JAMA*. 2019;321(16):1638. doi:10.1001/jama.2018.15308

## JAMA Patient Page

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### Croup

Ioana Baiu, MD, MPH; Elliot Melendez, MD

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

☐ *JAMA*. 2019;321(16):1642. doi:10.1001/jama.2019.2013

This JAMA Patient Page describes the symptoms, diagnosis, and treatment of croup in children.

## JAMA Masthead

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**April 2019, Vol 179, No. 4, Pages 461-596**

## In This Issue of JAMA Internal Medicine

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### Highlights

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

□ *JAMA Intern Med.* 2019;179(4):461-463. doi:10.1001/jamainternmed.2018.5486

### Perspective

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#### The “Hemolyzed” Physical Examination—Situational Challenges to Accurate Bedside Diagnosis

Zaven Sargsyan, MD

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

*JAMA Intern Med.* 2019;179(4):465-466. doi:10.1001/jamainternmed.2018.8753

This essay suggests that clinicians should be aware of situational impediments to accurate physical examination findings.

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### Editorial

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#### Implementing the USPSTF Recommendations on Prevention of Perinatal Depression—Opportunities and Challenges

Jennifer N. Felder, PhD

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

*JAMA Intern Med.* 2019;179(4):467-468. doi:10.1001/jamainternmed.2018.7729

This Editorial discusses the opportunities and challenges of implementing the interventions to prevent perinatal depression detailed in the US Preventive Services Task Force recommendation statement.

## Editorial

### **Perinatal Depression: Recommendations for Prevention and the Challenges of Implementation**

Marlene P. Freeman, MD

### **Preventing Perinatal Depression to Improve Maternal and Child Health—a Health Care Imperative**

Lyndsay A. Avalos, PhD, MPH; Tracy Flanagan, MD; De-Kun Li, MD, PhD

## Original Investigation

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### **Assessment of Racial/Ethnic and Income Disparities in the Prescription of Opioids and Other Controlled Medications in California**

Joseph Friedman, MPH; David Kim, MD; Todd Schneberk, MD, MS; et al.

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

☐ *JAMA Intern Med.* 2019;179(4):469-476. doi:10.1001/jamainternmed.2018.6721

This California population-based study assesses differential exposure to opioids via the health care system by race/ethnicity and income and describes the observed social gradient of the current opioid epidemic.

---

### **Epidemiology of Invasive Group B Streptococcal Infections Among Nonpregnant Adults in the United States, 2008-2016**

Louise K. Francois Watkins, MD, MPH; Lesley McGee, PhD; Stephanie J. Schrag, DPhil; et al.

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

*JAMA Intern Med.* 2019;179(4):479-488. doi:10.1001/jamainternmed.2018.7269

Using population-based surveillance data, this case study reports epidemiology trends in invasive group B

*Streptococcus* disease among US nonpregnant adults according to demographic characteristics, underlying clinical conditions, and isolate characteristics.

---

## Association Between Ultraprocessed Food Consumption and Risk of Mortality Among Middle-aged Adults in France

Laure Schnabel, MD, MSc; Emmanuelle Kesse-Guyot, PhD; Benjamin Allès, PhD; et al.

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

*JAMA Intern Med.* 2019;179(4):490-498. doi:10.1001/jamainternmed.2018.7289

This cohort study uses the self-reported food intake and other nutrition-related data of a large cohort of adults enrolled in the French NutriNet-Santé Study to assess the association between ultraprocessed food consumption and risk of death from any cause.

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### Less Is More

## Measuring Hospital-Acquired Complications Associated With Low-Value Care

Tim Badgery-Parker, MBIostat; Sallie-Anne Pearson, PhD; Susan Dunn; et al.

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

☐ *JAMA Intern Med.* 2019;179(4):499-505. doi:10.1001/jamainternmed.2018.7464

This descriptive analysis examines the incidence of hospital-acquired complications in a cohort of patients undergoing 1 of 7 procedures for which hospital admission is usually not needed.

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## Association of Primary Care Physician Supply With Population Mortality in the United States, 2005-2015

Sanjay Basu, MD, PhD; Seth A. Berkowitz, MD, MPH; Robert L. Phillips, MD, MSPH; et al.

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

*JAMA Intern Med.* 2019;179(4):506-514. doi:10.1001/jamainternmed.2018.7624

This epidemiological study evaluates the association of primary care physician supply and both all-cause and cause-specific mortality by comparing US population and insurance claims data with data on density of primary care physicians and specialist physician density.

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## Association of Adolescent Hypertension With Future End-stage Renal Disease

Adi Leiba, MD, MHA; Boris Fishman, MD, MPH; Gilad Twig, MD, PhD; et al.

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

*JAMA Intern Med.* 2019;179(4):517-523. doi:10.1001/jamainternmed.2018.7632

This cohort study examines nearly 50 years of medical data of adolescents conscripted into the Israel Defense Forces army to understand whether late-adolescence hypertension is a risk factor in the future development of end-stage renal disease.

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### Health Care Policy and Law

## Analysis of Drivers of Disenrollment and Plan Switching Among Medicare Advantage Beneficiaries

David J. Meyers, MPH; Emmanuelle Belanger, PhD; Nina Joyce, PhD; et al.

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

*JAMA Intern Med.* 2019;179(4):524-532. doi:10.1001/jamainternmed.2018.7639

This cross-sectional study characterizes trends in switching to and from Medicare Advantage plans among high-need beneficiaries and evaluates the drivers of disenrollment decisions among US Medicare enrollees.

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## Association of Adding Aspirin to Warfarin Therapy Without an Apparent Indication With Bleeding and Other Adverse Events

Jordan K. Schaefer, MD; Yun Li, PhD; Xiaokui Gu, MD, MA; et al.

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

*JAMA Intern Med.* 2019;179(4):533-541. doi:10.1001/jamainternmed.2018.7816

This registry-based cohort study compares adverse event rates up to 3 years after initiation of treatment among patients receiving combination warfarin and aspirin therapy (without a therapeutic indication for aspirin use) vs those receiving warfarin monotherapy.

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## Association of Urinary Oxalate Excretion With the Risk of Chronic Kidney Disease Progression

Sushrut S. Waikar, MD, MPH; Anand Srivastava, MD, MPH; Ragnar Palsson, MD; et al.

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

*JAMA Intern Med.* 2019;179(4):542-551. doi:10.1001/jamainternmed.2018.7980

This study assesses whether urinary oxalate excretion predisposes patients to more rapid progression of chronic kidney disease.

## Invited Commentary

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## Opioid Prescribing Trends and the Physician's Role in Responding to the Public Health Crisis

Jerome M. Adams, MD, MPH; Brett P. Giroir, MD

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

*JAMA Intern Med.* 2019;179(4):476-478. doi:10.1001/jamainternmed.2018.7934

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## Group B *Streptococcus*, an A-List Pathogen in Nonpregnant Adults

Miriam Baron Barshak, MD

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



*JAMA Intern Med.* 2019;179(4):488-489. doi:10.1001/jamainternmed.2018.7296

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## The Future of Primary Care in the United States Depends on Payment Reform

Sondra Zabar, MD; Andrew Wallach, MD; Adina Kalet, MD, MPH

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

*JAMA Intern Med.* 2019;179(4):515-516. doi:10.1001/jamainternmed.2018.7623

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## Implications of Oxalate as a Novel Risk Factor for Chronic Kidney Disease

Joachim H. Ix, MD, MAS

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

*JAMA Intern Med.* 2019;179(4):551-552. doi:10.1001/jamainternmed.2018.7987

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## On the Need for (Only) High-Quality Clinical Practice Guidelines

Michael Incze, MD, MEd; Joseph S. Ross, MD, MHS

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

*JAMA Intern Med.* 2019;179(4):561. doi:10.1001/jamainternmed.2018.7471

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## Review

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## Factors Associated With High-Quality Guidelines for the Pharmacologic Management of Chronic Diseases in Primary Care: A Systematic Review

Caroline de Godoi Rezende Costa Molino, MS; Nathalia Celini Leite-Santos, BS; Franciele Cordeiro Gabriel, MS; et al.

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

*JAMA Intern Med.* 2019;179(4):553-560. doi:10.1001/jamainternmed.2018.7529

This systematic review uses the validated Appraisal of Guidelines for Research and Evaluation Instrument to assess 421 clinical practice guidelines for the management of common noncommunicable diseases in primary care and elucidate factors associated with quality of clinical practice guidelines.

### Editor's Note

#### On the Need for (Only) High-Quality Clinical Practice Guidelines

Michael Incze, MD, MEd; Joseph S. Ross, MD, MHS

## Teachable Moment

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### Contraception Counseling in Patients With SLE and Other Chronic Medical Conditions Requiring Potentially Teratogenic Medications: A Teachable Moment

Ann Cameron Barr, BA; Martina L. Badell, MD; Theresa E. Vettese, MD

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

☐ *JAMA Intern Med.* 2019;179(4):562-563. doi:10.1001/jamainternmed.2018.7990

This Teachable Moment emphasizes the importance of contraception counseling in patients with systemic lupus erythematosus and other chronic medical conditions requiring potentially teratogenic medications and outlines the means to overcome the present barriers to such counseling.

## Challenges in Clinical Electrocardiography

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### Enhancing the Sgarbossa Criteria for the Diagnosis of ST Elevation Myocardial Infarction

Timothy F. Simpson, MD, PharmD; Salman Rahman, MD; Nora Goldschlager, MD

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

*JAMA Intern Med.* 2019;179(4):564-566. doi:10.1001/jamainternmed.2018.7993

This case report evaluates the Sgarbossa criteria for the diagnosis of ST elevation myocardial infarction and points to recent improvements in the criteria.

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## Wide QRS Tachycardia in a Man With a Medical History of Atrial Fibrillation

Eric A. Bucklew, MD; Steven E. Reis, MD; Krishna Kancharla, MBBS

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

*JAMA Intern Med.* 2019;179(4):567-569. doi:10.1001/jamainternmed.2018.8603

A man in his 70s with stage 4 chronic kidney disease and atrial fibrillation presented with 1 month of progressive dyspnea on exertion, orthopnea, and worsening lower extremity edema. What is your diagnosis?

## Research Letter

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## Behavioral Health and Burnout Among Physician Mothers Who Care for a Person With a Serious Health Problem, Long-term Illness, or Disability

Veronica Yank, MD; Carolyn Rennels, BA; Eleni Linos, MD, DrPH; et al.

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

*JAMA Intern Med.* 2019;179(4):571-574. doi:10.1001/jamainternmed.2018.6411

This survey study evaluates behavioral health risks and burnout among physician mothers who have caregiving responsibilities for persons in addition to their patients and children.

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## County-Level Opioid Prescribing in the United States, 2015 and 2017

Gery P. Guy Jr, PhD, MPH; Kun Zhang, PhD; Lyna Z. Schieber, MD, DPhil; et al.

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

*JAMA Intern Med.* 2019;179(4):574-576. doi:10.1001/jamainternmed.2018.6989

This study examines trends in opioid prescribing at the US national and county levels during 2015 and 2017.

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## Racial Differences in Opioid Overdose Deaths in New York City, 2017

Bennett Allen, MA; Michelle L. Nolan, MPH; Hillary V. Kunins, MD, MPH, MS; et al.

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

*JAMA Intern Med.* 2019;179(4):576-578. doi:10.1001/jamainternmed.2018.7700

This study evaluates racial differences in opioid overdose deaths in New York City for 2017.

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### Health Care Policy and Law

## Pharmaceutical Company Payments to Executive Board Members of Professional Medical Associations in Japan

Hiroaki Saito, MD; Akihiko Ozaki, MD; Yasuma Kobayashi, MD; et al.

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

*JAMA Intern Med.* 2019;179(4):578-580. doi:10.1001/jamainternmed.2018.7283

This analysis of data from pharmaceutical manufacturers assesses the extent and distribution of industry payments to the executive board members of professional medical associations in Japan.

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## Assessing the Use of Google Translate for Spanish and Chinese Translations of Emergency Department Discharge Instructions

Elaine C. Khoong, MD, MS; Eric Steinbrook, BA; Cortlyn Brown, MD; et al.

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

*JAMA Intern Med.* 2019;179(4):580-582. doi:10.1001/jamainternmed.2018.7653

This study assesses the use of Google Translate for Spanish and Chinese translations of emergency department discharge instructions.

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## Evaluation of the Inclusion of Studies Identified by the FDA as Having Falsified Data in the Results of Meta-analyses: The Example of the Apixaban Trials

Craig A. Garmendia, PhD; Liliana Nassar Gorra; Ana Lucia Rodriguez, MS; et al.

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

*JAMA Intern Med.* 2019;179(4):582-584. doi:10.1001/jamainternmed.2018.7661

This study evaluates the inclusion of studies identified by the FDA as having falsified data in the results of meta-analyses.

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## Evidence-Based Medicine and the American Thoracic Society Clinical Practice Guidelines

Ross C. Schumacher, MD; Oanh Kieu Nguyen, MD, MAS; Kaivalya Desphande, MD; et al.

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

*JAMA Intern Med.* 2019;179(4):584-586. doi:10.1001/jamainternmed.2018.7461

This study assesses whether American Thoracic Society clinical practice guidelines are substantiated by high-quality evidence and can be used to promote evidence-based medicine.

### Editor's Note

#### On the Need for (Only) High-Quality Clinical Practice Guidelines

Michael Incze, MD, MEd; Joseph S. Ross, MD, MHS

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# Association of NSAID Use and Renal Complications

Samuel A. Silver, MD, MSc; Danielle M. Nash, MSc; Ron Wald, MDCM, MPH

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

*JAMA Intern Med.* 2019;179(4):586. doi:10.1001/jamainternmed.2018.8684

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### Studying Drug Safety in the Real World

Jonathan Zipursky, MD; David N. Juurlink, MD, PhD

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Zachary Bouck, MPH; Noah M. Ivers, MD, PhD; R. Sacha Bhatia, MD, MBA

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*JAMA Intern Med.* 2019;179(4):587. doi:10.1001/jamainternmed.2018.8681

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### Studying Drug Safety in the Real World

Jonathan Zipursky, MD; David N. Juurlink, MD, PhD

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# AV Nodal Wenckebach Masquerading as Infra-His Wenckebach Due to Intra-atrial Conduction Delay

Sandeep Bansal, MD, MPH

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

*JAMA Intern Med.* 2019;179(4):587-588. doi:10.1001/jamainternmed.2018.8630

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Tai H. Pham, MD; Ezra Amsterdam, MD; Matthew S. Glassy, MD

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*JAMA Intern Med.* 2019;179(4):588. doi:10.1001/jamainternmed.2018.8597

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Kristin Dean, MD; Ian Tong, MD; Rana Hamdy, MD

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*JAMA Intern Med.* 2019;179(4):588-589. doi:10.1001/jamainternmed.2018.8744

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Kimberly A. Kilby, MD, MPH; Jacob M. Reider, MD

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*JAMA Intern Med.* 2019;179(4):589. doi:10.1001/jamainternmed.2018.8763

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## Balance Between Best Practice and Patient Satisfaction: Antimicrobial Stewardship in Telemedicine—Reply

Kathryn A. Martinez, PhD, MPH; Michael B. Rothberg, MD, MPH

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*JAMA Intern Med.* 2019;179(4):589-590. doi:10.1001/jamainternmed.2018.8772

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## Older People Might Be at Most Serious Risk in Antihypertensive Treatment

Fatih Tufan

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*JAMA Intern Med.* 2019;179(4):590. doi:10.1001/jamainternmed.2018.8600

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## Older People Might Be at Most Serious Risk in Antihypertensive Treatment—Reply

James P. Sheppard, PhD; Jonathan Mant, MD; Richard J. McManus, FRCGP

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

*JAMA Intern Med.* 2019;179(4):590-591. doi:10.1001/jamainternmed.2018.8619

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Peter E. Wu, MD, MSc, FRCPC

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

*JAMA Intern Med.* 2019;179(4):591. doi:10.1001/jamainternmed.2019.0132

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Saroja Bangaru, MD; Deepak Agrawal, MD

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*JAMA Intern Med.* 2019;179(4):591-592. doi:10.1001/jamainternmed.2019.0129

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*JAMA Intern Med.* 2019;179(4):592-593. doi:10.1001/jamainternmed.2019.0146

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#### Clinician Burnout and the Quality of Care

Mark Linzer, MD



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Maria Panagioti, PhD; Alexander Hodgkinson, PhD; Aneez Esmail, MD, PhD

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Kevin O'Neil, MD, MHA; Lisa Moores, MD; Frank Detterback, MD

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Wound Complication Rates After Vulvar Excisions for Premalignant Lesions

Mullen, Mary M.; Merfeld, Emily C.; Palisoul, Marguerite L.; [More](#)  
**Obstetrics & Gynecology.** 133(4):658-665, April 2019.

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Personal Perspectives: Editorial

The Backstory Behind Burnout in Obstetrics and Gynecology

Winkel, Abigail Ford  
**Obstetrics & Gynecology.** 133(4):636-637, April 2019.

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Personal Perspectives

The Unexpected Power of Presence



Paek, Bettina  
**Obstetrics & Gynecology.** 133(4):638-639, April 2019.

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**Like Mother, Like Daughter**

Bunnell, Megan E.  
**Obstetrics & Gynecology.** 133(4):640-641, April 2019.

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Gynecologic Surgery: Procedures and Instruments

**An Alternate Approach to Using Candy Cane Stirrups in Vaginal Surgery**

Sze, Eddie H. M.  
**Obstetrics & Gynecology.** 133(4):666-668, April 2019.

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Urogynecology: Original Research

**Furosemide Use and Time to Confirmation of Ureteral Patency During Intraoperative Cystoscopy: A Randomized Controlled Trial**

Patton, Simon; Tanner, Jean Paul; Prieto, Isabel; [More](#)  
**Obstetrics & Gynecology.** 133(4):669-674, April 2019.

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**Comparing Force of Stream With a Standard Fill Voiding Trial After Surgical Repair of Apical Prolapse: A Randomized Controlled Trial**

Pilkinton, Marjorie L.; Williams, Kathryn S.; Sison, Cristina P.; [More](#)  
**Obstetrics & Gynecology.** 133(4):675-682, April 2019.

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**Validation of a Model Predicting De Novo Stress Urinary Incontinence in Women Undergoing Pelvic Organ Prolapse Surgery**

Jelovsek, J. Eric; Ploeg, J. Marinus van der; Roovers, Jan-Paul; [More](#)  
**Obstetrics & Gynecology.** 133(4):683-690, April 2019.

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LGBTQIA Health: Original Research

**Educating Obstetrics and Gynecology Residents on Transgender Patients: A Survey of Program Directors**

Vinekar, Kavita; Rush, Shannon K.; Chiang, Seine; [More](#)  
**Obstetrics & Gynecology.** 133(4):691-699, April 2019.

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Cesarean Delivery: Clinical Practice and Quality

Multimodal Stepwise Approach to Reducing In-Hospital Opioid Use After Cesarean Delivery: A Quality Improvement Initiative

Smith, Alisha M.; Young, Paul; Blosser, Colleen C.; [More](#)  
**Obstetrics & Gynecology.** 133(4):700-706, April 2019.

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Cesarean Delivery: Current Commentary

Incorporating Precesarean Vaginal Preparation Into Standard of Care for Obstetrics

Duffy, Cassandra R.; D'Alton, Mary E.; Han, Yiping W.; [More](#)  
**Obstetrics & Gynecology.** 133(4):707-711, April 2019.

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Hypertension: Original Research

Hypertensive Postpartum Admissions Among Women Without a History of Hypertension or Preeclampsia

Wen, Timothy; Wright, Jason D.; Goffman, Dena; [More](#)  
**Obstetrics & Gynecology.** 133(4):712-719, April 2019.

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Computers and eHealth: Procedures and Instruments

Three-Dimensional–Printed Uterine Model for Surgical Planning of a Cesarean Delivery Complicated by Multiple Myomas

Mackey, Amy; Ng, Joshua I.; Core, Jason; [More](#)  
**Obstetrics & Gynecology.** 133(4):720-724, April 2019.

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Hypertension: Current Commentary

A Nudge Toward Universal Aspirin for Preeclampsia Prevention

Ayala, Nina K.; Rouse, Dwight J.  
**Obstetrics & Gynecology.** 133(4):725-728, April 2019.

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ACOG Committee Opinion No. 776: Immune Modulating Therapies in Pregnancy and Lactation

Obstetrics & Gynecology. 133(4):e287-e295, April 2019.

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ACOG Committee Opinion No. 777: Sexual Assault

Obstetrics & Gynecology. 133(4):e296-e302, April 2019.

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Podcasts

Editors’ Picks for April 2019

**Creator:** John R. Fischer, MD  
**Duration:** 36:06

Obstetrics & Gynecology [April 2019](#), [Volume 133](#), [Issue 4](#);  
Dr. Nancy Chescheir, Editor-in-Chief, and Dr. John Fischer, Web Editor, review the articles that have been designated as Editors’ Picks for the April 2019 issue (Safety Assessment of a Large-Scale Improvement Collaborative to Reduce Nulliparous Cesarean Delivery Rates; Hypertensive Postpartum Admissions Among Women Without a History of Hypertension or Preeclampsia; Change in Second-Trimester Abortion After Implementation of a Restrictive State Law). This podcast features an interview with Dr. Elliott Main, corresponding author of the safety assessment article.

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### Articles

#### Trends in Psychiatric Emergency Department Visits Among Youth and Young Adults in the US

Luther G. Kalb, Emma K. Stapp, Elizabeth D. Ballard, Calliope Holingue, Amy Keefer, Anne Riley

Pediatrics Apr 2019, 143 (4) e20182192; **DOI:** 10.1542/peds.2018-2192

Between 2011 and 2015, there was an increase in psychiatric ED visits among youth 6 to 24 years of age in the United States.

 [PDF](#)

#### Parental Disengagement in Childhood and Adolescent Male Gun Carrying

Jordan Beardslee, Meagan Docherty, Vevette J.H. Yang, Dustin Pardini

Pediatrics Apr 2019, 143 (4) e20181552; **DOI:** 10.1542/peds.2018-1552

Childhood parental disengagement predicts mid- to late-adolescent gun carrying, in part because parental disengagement is associated with higher peer delinquency and externalizing problems during early adolescence.

 [PDF](#)

#### Maternal Smoking Before and During Pregnancy and the Risk of Sudden Unexpected Infant Death

Tatiana M. Anderson, Juan M. Lavista Ferres, Shirley You Ren, Rachel Y. Moon, Richard D. Goldstein, Jan-Marino Ramirez, Edwin A. Mitchell

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Pediatrics Apr 2019, 143 (4) e20183325; DOI: 10.1542/peds.2018-3325

In this cross-sectional cohort study, we analyzed maternal smoking behavior before and during pregnancy and the increased risk of SUID.

[PDF](#)

## □ Parental Smoking and E-cigarette Use in Homes and Cars

Jeremy E. Drehmer, Emara Nabi-Burza, Bethany Hipple Walters, Deborah J. Ossip, Douglas E. Levy, Nancy A. Rigotti, Jonathan D. Klein, Jonathan P. Winickoff

Pediatrics Apr 2019, 143 (4) e20183249; DOI: 10.1542/peds.2018-3249

We examined smoking and vaping restrictions in homes and cars where children reside and identified parental characteristics associated with the adoption of smoke-free and vape-free policies.

[PDF](#)

## □ Cigarette Smoking Disparities Between Sexual Minority and Heterosexual Youth

Jessica N. Fish, Blair Turner, Gregory Phillips, Stephen T. Russell

Pediatrics Apr 2019, 143 (4) e20181671; DOI: 10.1542/peds.2018-1671

Using US population-based data, we document trends and disparities in 2 cigarette-related behaviors between heterosexual youth and SMY from 2005 to 2015.

[PDF](#)

## □ Chronic Medication Use in Children Insured by Medicaid: A Multistate Retrospective Cohort Study

James A. Feinstein, Matt Hall, James W. Antoon, Joanna Thomson, Juan Carlos Flores, Denise M. Goodman, Eyal Cohen, Romuladus Azuine, Rishi Agrawal, Amy J. Houtrow, Danielle D. DeCoursey, Dennis Z. Kuo, Ryan Coller, Dipika S. Gaur, Jay G. Berry

Pediatrics Apr 2019, 143 (4) e20183397; DOI: 10.1542/peds.2018-3397

We examine CM use in pediatric Medicaid enrollees, highlighting the prevalence of CM use, associated clinical characteristics, and health care use and spending.

[PDF](#)

## □ Neonatal Herpes Simplex Virus Infection Among Medicaid-Enrolled Children: 2009–2015

Sanjay Mahant, Matt Hall, Amanda C. Schondelmeyer, Jay G. Berry, David W. Kimberlin, Samir S. Shah, for the Pediatric Research in Inpatient Settings Network and the Collaborative Antiviral Study Group  
Pediatrics Apr 2019, 143 (4) e20183233; DOI: 10.1542/peds.2018-3233

In a multistate Medicaid population from 2009 to 2015, neonatal HSV

infection incidence has increased markedly and is associated with substantial health care use.

[PDF](#)

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## [Predicting Postoperative Physiologic Decline After Surgery](#)

Jay G. Berry, Connor Johnson, Charis Crofton, Steven J. Staffa, Maura DiTillio, Izabela Leahy, Joseph Salem, Shawn J. Rangel, Sara J. Singer, Lynne Ferrari

Pediatrics Apr 2019, 143 (4) e20182042; **DOI:** 10.1542/peds.2018-2042

Combinations of active health problems at preoperative evaluation, polypharmacy, and multimorbidity distinguish a low versus high risk of PoPD after elective surgery in children.

[PDF](#)

---

## [Differences in Parent-Toddler Interactions With Electronic Versus Print Books](#)

Tiffany G. Munzer, Alison L. Miller, Heidi M. Weeks, Niko Kaciroti, Jenny Radesky

Pediatrics Apr 2019, 143 (4) e20182012; **DOI:** 10.1542/peds.2018-2012

Through videotaped analysis of reading interactions between parent-toddler dyads, we found a higher quantity and quality of reading interactions around print compared with electronic books.

[PDF](#)

---

## [Telephone-Based Developmental Screening and Care Coordination Through 2-1-1: A Randomized Trial](#)

Bergen B. Nelson, Lindsey R. Thompson, Patricia Herrera, Christopher Biely, Damaris Arriola Zarate, Irene Aceves, Ingrid Estrada, Vincent Chan, Cynthia Orantes, Paul J. Chung

Pediatrics Apr 2019, 143 (4) e20181064; **DOI:** 10.1542/peds.2018-1064

In this study, we find that telephone-based developmental screening and care coordination through 2-1-1 increases referrals to and enrollment in early childhood services compared with usual care alone.

[PDF](#)

---

## [Lay Field-worker–Led School Health Program for Primary Schools in Low- and Middle-Income Countries](#)

Michael Matergia, Peter Ferrarone, Yasin Khan, Denna Weiss Matergia, Priscilla Giri, Sanjeeta Thapa, Eric A.F. Simões

Pediatrics Apr 2019, 143 (4) e20180975; **DOI:** 10.1542/peds.2018-0975

This cluster-controlled trial reveals that trained community members can deliver effective school health programs in primary schools of LMICs.

[PDF](#)

---

### □ Quality Metrics for Antimicrobial Stewardship Programs

Michelle Science, Kathryn Timberlake, Andrew Morris, Stanley Read, Nicole Le Saux, on behalf of the Groupe Antibiothérapie en Pédiatrie Canada Alliance for Stewardship of Antimicrobials in Pediatrics (GAP Can ASAP)

Pediatrics Apr 2019, 143 (4) e20182372; **DOI:** 10.1542/peds.2018-2372

Using a modified Delphi approach, we obtained consensus on 4 metrics to evaluate pediatric antimicrobial stewardship activities, which can be applied to benchmarking.

□ [PDF](#)

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### □ Social Media Influencer Marketing and Children's Food Intake: A Randomized Trial

Anna E. Coates, Charlotte A. Hardman, Jason C.G. Halford, Paul Christiansen, Emma J. Boyland

Pediatrics Apr 2019, 143 (4) e20182554; **DOI:** 10.1542/peds.2018-2554

In this study, we examine the impact of influencer marketing of foods (healthy and unhealthy), via popular YouTube vloggers on social media, on children's food intake.

□ [PDF](#)

---

### □ Treating Hypertension in Children With *n*-of-1 Trials

Joyce P. Samuel, Jon E. Tyson, Charles Green, Cynthia S. Bell, Claudia Pedroza, Don Molony, Joshua Samuels

Pediatrics Apr 2019, 143 (4) e20181818; **DOI:** 10.1542/peds.2018-1818

We individualized our approach to treatment decisions using *n*-of-1 trials with repeated ABPM.

□ [PDF](#)

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### □ Validation of the Traumatic Events Screening Inventory for ACEs

Kristen R. Choi, Michael McCreary, Julian D. Ford, Sara Rahmanian Koushkaki, Kristen N. Kenan, Bonnie T. Zima

Pediatrics Apr 2019, 143 (4) e20182546; **DOI:** 10.1542/peds.2018-2546

We adapted and validated the TESI as a primary-care childhood adversity screen with children at 2 FQHCs in Chicago.

□ [PDF](#)

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### □ Expressions of Gratitude and Medical Team Performance

Arieh Riskin, Peter Bamberger, Amir Erez, Kinneret Riskin-Guez, Yarden Riskin, Rina Sela, Trevor Foulk, Binyamin Cooper, Amitai Ziv, Liat Pessach-Gelblum, Ellen Bamberger



Pediatrics Apr 2019, 143 (4) e20182043; **DOI:** 10.1542/peds.2018-2043

Maternal gratitude positively affected medical team performance, with most of this effect explained by the positive impact of such gratitude on team information sharing.

[PDF](#)

## Commentaries

### [The Increasing Burden of Psychiatric Emergencies: A Call to Action](#)

Thomas H. Chun, Susan J. Duffy, Jacqueline Grupp-Phelan

Pediatrics Apr 2019, 143 (4) e20190251; **DOI:** 10.1542/peds.2019-0251

[PDF](#)

### [Neonatal Herpes Simplex Virus Infections: New Data, Old Conundrum](#)

James Gaensbauer, Joseph A. Grubenhoff

Pediatrics Apr 2019, 143 (4) e20190159; **DOI:** 10.1542/peds.2019-0159

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### [Electronic Children's Books: Promises Not Yet Fulfilled](#)

Suzy Tomopoulos, Perri Klass, Alan L. Mendelsohn

Pediatrics Apr 2019, 143 (4) e20190191; **DOI:** 10.1542/peds.2019-0191

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### [Single-Event Multilevel Surgery: Contender or Pretender](#)

Andrew Jea, John Dormans

Pediatrics Apr 2019, 143 (4) e20190102; **DOI:** 10.1542/peds.2019-0102

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## From the American Academy of Pediatrics

### [Public Policies to Reduce Sugary Drink Consumption in Children and Adolescents](#)

Natalie D. Muth, William H. Dietz, Sheela N. Magge, Rachel K. Johnson, AMERICAN ACADEMY OF PEDIATRICS, SECTION ON OBESITY, COMMITTEE ON NUTRITION, AMERICAN HEART ASSOCIATION

Pediatrics Apr 2019, 143 (4) e20190282; **DOI:** 10.1542/peds.2019-0282

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### [Ongoing Pediatric Health Care for the Child Who Has Been Maltreated](#)

Emalee Flaherty, Lori Legano, Sheila Idzerda, COUNCIL ON CHILD ABUSE AND NEGLECT

Pediatrics Apr 2019, 143 (4) e20190284; **DOI:** 10.1542/peds.2019-0284

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### [□ Prescribing Physical, Occupational, and Speech Therapy Services for Children With Disabilities](#)

Amy Houtrow, Nancy Murphy, COUNCIL ON CHILDREN WITH DISABILITIES

Pediatrics Apr 2019, 143 (4) e20190285; **DOI:** 10.1542/peds.2019-0285

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### [□ The Effects of Early Nutritional Interventions on the Development of Atopic Disease in Infants and Children: The Role of Maternal Dietary Restriction, Breastfeeding, Hydrolyzed Formulas, and Timing of Introduction of Allergenic Complementary Foods](#)

Frank R. Greer, Scott H. Sicherer, A. Wesley Burks, COMMITTEE ON NUTRITION, SECTION ON ALLERGY AND IMMUNOLOGY

Pediatrics Apr 2019, 143 (4) e20190281; **DOI:** 10.1542/peds.2019-0281

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### [□ AAP Publications Reaffirmed](#)

Pediatrics Apr 2019, 143 (4) e20190286; **DOI:** 10.1542/peds.2019-0286

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## Pediatrics Perspectives

### [□ Addressing Social Determinants of Health: Challenges and Opportunities in a Value-Based Model](#)

Arvin Garg, Charles J. Homer, Paul H. Dworkin

Pediatrics Apr 2019, 143 (4) e20182355; **DOI:** 10.1542/peds.2018-2355

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### [□ How to Prepare for Expert Testimony on the Safety of Vaccination](#)

Stanley A. Plotkin

Pediatrics Apr 2019, 143 (4) e20183578; **DOI:** 10.1542/peds.2018-3578

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## Family Partnerships

### [□ Laney's Story: The Problem of Delayed Diagnosis of Pediatric Stroke](#)

Brian T. Fitzsimons, Laura L. Fitzsimons, Lisa R. Sun

Pediatrics Apr 2019, 143 (4) e20183458; **DOI:** 10.1542/peds.2018-3458

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## Monthly Feature

### ❑ Closing the Disclosure Gap: Medical Errors in Pediatrics

Matthew Lin, Hannah Famiglietti

Pediatrics Apr 2019, 143 (4) e20190221; **DOI:** 10.1542/peds.2019-0221

❑ [PDF](#)

## Review Article

### ❑ Multilevel Surgery for Children With Cerebral Palsy: A Meta-analysis

Noor Amirah Amirmudin, Grace Lavelle, Tim Theologis, Nicky

Thompson, Jennifer M. Ryan

Pediatrics Apr 2019, 143 (4) e20183390; **DOI:** 10.1542/peds.2018-3390

In this review, we summarize the literature on MLS for children with CP, including the effects of MLS and satisfaction with outcomes after MLS.

❑ [PDF](#)

## State-of-the-Art Review Article

### ❑ Increasing Mental Health Engagement From Primary Care: The Potential Role of Family Navigation

Leandra Godoy, Stacy Hodgkinson, Hillary A. Robertson, Elyssa Sham,

Lindsay Druskin, Caroline G. Wambach, Lee Savio Beers, Melissa Long

Pediatrics Apr 2019, 143 (4) e20182418; **DOI:** 10.1542/peds.2018-2418

Linking children to mental health care is challenging; in this review, we explore the role that navigators can play in increasing family engagement.

❑ [PDF](#)

## Ethics Rounds

### ❑ When Only Family Is Available to Interpret

Jessica Turnbull, Joshua Arenth, Kate Payne, John D. Lantos, Joseph Fanning

Pediatrics Apr 2019, 143 (4) e20183700; **DOI:** 10.1542/peds.2018-3700

When no professional translator can be found, doctors must decide whether it is appropriate to allow family members to translate.

❑ [PDF](#)

## Quality Reports

### □ Improving Standardization of Paging Communication Using Quality Improvement Methodology

Rachel M. Weigert, Anna H. Schmitz, Paula J. Soung, Kelsey Porada, Michael C. Weisgerber

Pediatrics Apr 2019, 143 (4) e20181362; **DOI:** 10.1542/peds.2018-1362

Despite multiple enhancements to a paging system at a large academic children's hospital, ultimately, required fields produced the greatest improvement in standardization and provider satisfaction.

□ [PDF](#)

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### □ Improving the Safety of Teratogen Prescribing Practices in a Pediatric Rheumatology Clinic

Ashley M. Cooper, Mara Horwitz, Mara L. Becker

Pediatrics Apr 2019, 143 (4) e20180803; **DOI:** 10.1542/peds.2018-0803

A pediatric rheumatology clinic describes successful implementation of standardized annual patient education and regular pregnancy screening in adolescents prescribed teratogenic medications.

□ [PDF](#)

## Case Reports

### □ Exercise-Induced Purpura in Children

Sarah S. Paul, Lisabeth V. Scalzi

Pediatrics Apr 2019, 143 (4) e20182797; **DOI:** 10.1542/peds.2018-2797

EIP, a common benign vasculopathy, is an important phenomenon to recognize in children; it most commonly occurs in warm weather with high-impact activity.

□ [PDF](#)

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### □ Severe Fetal Hemolysis and Cholestasis Due to High-Titer Maternal IgG Anti-A Antibodies

Rens Zonneveld, Laura van der Meer-Kapelle, Marc Sylva, Anneke Brand, Marianne Zijlstra, Henk Schonewille

Pediatrics Apr 2019, 143 (4) e20182859; **DOI:** 10.1542/peds.2018-2859

A case of severe hemolytic disease due to maternal anti-A antibodies that may be more common than formerly thought, especially in multiracial and non-Western mother-child pairs.

□ [PDF](#)

---

### □ Multilocus Heterotopic Gastric Mucosa of Ileum Masquerading as VEOIBD in a Newborn

Livia Lindoso, Cortney R. Ballengee, Kiran P. Patel, Rene Romero,

Shelley Caltharp, Adina L. Alazraki, Subra Kugathan  
Pediatrics Apr 2019, 143 (4) e20182398; **DOI:** 10.1542/peds.2018-2398

Increased awareness of this rare disease and performing a Technetium-99m pertechnetate scan early can correctly diagnose HGM and prevent disease complication.

[PDF](#)

## Letters to the Editor

### [Maintenance Intravenous Fluids](#)

Jeffrey Segar, Patrick Brophy  
Pediatrics Apr 2019, 143 (4) e20190030A; **DOI:** 10.1542/peds.2019-0030A

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### [Authors' Response](#)

Leonard G. Feld, Daniel Neuspiel, Byron A. Foster, on behalf of the AAP Subcommittee on Fluid and Electrolyte Therapy  
Pediatrics Apr 2019, 143 (4) e20190030B; **DOI:** 10.1542/peds.2019-0030B

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## Errata

[Auger KA, Simmons JM, Tubbs-Cooley HL; H2O Trial study group. Postdischarge Nurse Home Visits and Reuse: The Hospital to Home Outcomes \(H2O\) Trial. \*Pediatrics\*. 2018;142\(1\):e20173919](#)

Pediatrics Apr 2019, 143 (4) e20190092; **DOI:** 10.1542/peds.2019-0092

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## Tribute to the Reviewers

### [Tribute to the 2018 Reviewers](#)

Pediatrics Apr 2019, 143 (4) e2018Tribute; **DOI:** 10.1542/peds.2018Tribute

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