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523 Guidelines for Antenatal and Preoperative care in Cesarean Delivery: Enhanced Recovery After Surgery Society Recommendations (Part 1)
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Cesarean delivery is a common surgical procedure, and an enhanced recovery pathway is a quality and safety pathway with the use of the Enhanced Recovery After Surgery Guideline process.

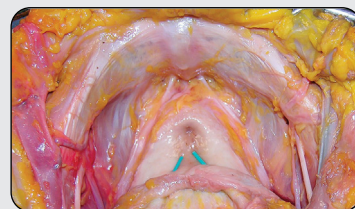
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Because the Enhanced Recovery After Surgery cesarean delivery pathway (elements/processes) is studied, implemented, audited, evaluated, and optimized by maternity care teams, this will create an opportunity for the focused and optimized areas of care and recommendations to be further enhanced.

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ON THE COVER



This superior view of the exposed retropubic space in an unembalmed cadaver was created during a monthly cadaveric teaching lab for residents and fellows. It was used in a study of gross and histologic relationships of the retropubic urethra to the lateral pelvic sidewall and anterior vaginal wall in female cadavers, with clinical applications for retropubic surgery.

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Image created by Marlene M. Corton, MD, Division of Female Pelvic Medicine and Reconstructive Surgery, Department of Obstetrics and Gynecology, UT Southwestern Medical Center, Dallas, TX.

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545 Best practice guidelines regarding prenatal evaluation and delivery of patients with skeletal dysplasia

Ravi Savarirayan; Judith P. Rossiter; Julie E. Hoover-Fong; Melita Irving; Viviana Bompadre; Michael J. Goldberg; Michael B. Bober; Tae-Joon Cho; Shawn E. Kamps; William G. Mackenzie; Cathleen Raggio; Samantha S. Spencer; Klane K. White; on behalf of the Skeletal Dysplasia Management Consortium

These guidelines aim to make perinatal health care professionals aware of risks regarding patients with skeletal dysplasia, and assist them in optimizing maternal and child health pregnancy outcomes through best prenatal and delivery management practices.

SYSTEMATIC REVIEWS

563 Surgical technical evidence review for gynecologic surgery conducted for the Agency for Healthcare Research and Quality Safety Program for Improving Surgical Care and Recovery

Eleftheria Kalogera; Gregg Nelson; Jessica Liu; Q. Lina Hu; Clifford Y. Ko; Elizabeth Wick; Sean C. Dowdy

Systematic review of the literature supporting the individual components that most commonly comprise the enhanced recovery pathways in gynecologic surgery.

CLINICAL OPINION

581 Guild interests: an insidious threat to professionalism in obstetrics and gynecology

Frank A. Chervenak; Laurence B. McCullough; Ralph W. Hale

We provide ethically justified, practical guidance to obstetrician-gynecologists to prevent insidious incentives from subordinating professionalism to guild-self-interest.

CALL TO ACTION

585 Welcoming transgender and nonbinary patients: expanding the language of “women’s health”



Daphna Stroumsa; Justine P. Wu

Promoting gender-neutral and affirming language in sexual and reproductive health care is a critical step toward reducing health disparities for gender-diverse people.

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589 Preventing incremental drift away from professionalism in graduate medical education

Frank A. Chervenak; Laurence B. McCullough; Amos Grünebaum

Program directors and graduate medical educators should identify and prevent incremental drift from professionalism among residents in response to increased supervision and restricted duty hours.

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GYNECOLOGY

- 591** A US population-based study of uterine fibroid diagnosis incidence, trends, and prevalence: 2005 through 2014
Onchee Yu; Delia Scholes; Renate Schulze-Rath; Jane Grafton; Kelly Hansen; Susan D. Reed

A population-based cohort shows uterine fibroids remain a common health burden, affecting 10% of women ages 18–65 years in 2014, with highest prevalence among black women.

- 593** Role of bleeding recognition and evaluation in Black-White disparities in endometrial cancer

Kemi M. Doll; Sara Khor; Katherine Odem-Davis; Hao He; Erika M. Wolff; David R. Flum; Scott D. Ramsey; Barbara A. Goff

Lack of bleeding recognition and evaluation is associated with advanced stage at diagnosis and is more common in Black, compared to White, women.

- 595** Medicaid savings from the Contraceptive CHOICE Project: a cost-savings analysis

Tessa Madden; Abigail R. Barker; Kelsey Huntzberry; Gina M. Secura; Jeffrey F. Peipert; Timothy D. McBride

A program providing counseling and no-cost contraception yields substantial cost savings because of increased uptake of highly effective contraception and averted unintended pregnancy and birth.

- 597** Gross and histologic relationships of the retropubic urethra to lateral pelvic sidewall and anterior vaginal wall in female cadavers: clinical applications to retropubic surgery

Jennifer J. Hamner; Kelley S. Carrick; Denise M. O. Ramirez; Marlene M. Corton

Gross and histologic anatomy of the retropubic urethra was studied in female cadavers and correlations to retropubic procedures are proposed.

- 598** A preoperative risk score to predict red blood cell transfusion in patients undergoing hysterectomy for ovarian cancer

Sarah A. Ackroyd; Jennifer Brown; Karen Houck; Christina Chu; Gina Mantia-Smaldone; Stephen Rubin; Enrique Hernandez

We conducted a database study to examine risk factors for blood transfusion and to create a preoperative predictive model for blood transfusion in patients who undergo hysterectomy for ovarian cancer.

- 600** Experience with intrauterine device insertion in never sexually active adolescents: a retrospective cohort study

Chelsea A. Kebodeaux; Beth I. Schwartz

This study was a comparison of intrauterine device insertion success rates between never sexually active and sexually active adolescents.

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Samantha J. Benton; Katherine Leavey; David Grynspan; Brian J. Cox;
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606 Intrapartum magnesium sulfate is associated with neuroprotection in growth-restricted fetuses

Elizabeth L. Stockley; Joseph Y. Ting; John C. Kingdom; Sarah D. McDonald;
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Intrapartum magnesium sulfate administration to women with growth-restricted fetuses born <29 weeks' gestation was associated with reduced odds of death or significant neurodevelopmental impairment.

608 Inpatient opioid use after vaginal delivery

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610 Prediction of spontaneous preterm delivery in women presenting with premature labor: a comparison of placenta alpha microglobulin-1, phosphorylated insulin-like growth factor binding protein-1, and cervical length

Tanja Nikolova; Jukka Uotila; Natasha Nikolova; Vyacheslav M. Bolotskikh;
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613 Screening extremely obese pregnant women for obstructive sleep apnea

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617 Abruptio placentae risk and genetic variations in mitochondrial biogenesis and oxidative phosphorylation: replication of a candidate gene association study

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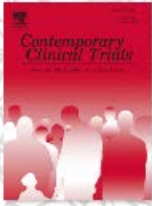


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AJPH EDITOR’S CHOICE

Building a Medical Home for HIV-Positive, Multiply Diagnosed Homeless Populations

HIV/AIDS, Homelessness, Health Service Delivery

Harold J. Phillips, Melinda J. Tinsley and Serena Rajabiun

American Journal of Public Health: 108(S7), pp. S518–S518

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Strategies to Build a Patient-Centered Medical Home for Multiply Diagnosed People Living With HIV Who Are Experiencing Homelessness or Unstable Housing

Substance Use, Drugs, HIV/AIDS, Homelessness, Mental Health, Health Service Delivery

Mariana Sarango, Carole Hohl, Nelson Gonzalez, Angelica Palmeros, Mary L. Powell and Melissa Hirschi

American Journal of Public Health: 108(S7), pp. S519–S521

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Mobile Multidisciplinary HIV Medical Care for Hard-to-Reach Individuals Experiencing Homelessness in San Francisco

HIV/AIDS, Homelessness, Health Service Delivery

Deborah Borne, Janell Tryon, Serena Rajabiun, Jane Fox, Alexander de Groot and Kristina Gunhouse-Vigil

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Longitudinal Stigma Reduction in People Living with HIV Experiencing Homelessness or Unstable Housing Diagnosed With Mental Health or Substance Use Disorders: An Intervention Study

Substance Use, Drugs, HIV/AIDS, Homelessness, Mental Health, Statistics/Evaluation/Research, Other Statistics/Evaluation/Research

Manisha Harisingh Maskay, Howard J. Cabral, Jessica A. Davila, Jo Ann Whitlock Davich, Ruthanne Marcus, Emily K. Quinn and Serena Rajabiun

American Journal of Public Health: 108(S7), pp. S546–S551

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(565 KB\)](#) | [PDF Plus \(583 KB\)](#)

HOUSING STABILITY

Longitudinal Determinants of Housing Stability Among People Living With HIV/AIDS Experiencing Homelessness

HIV/AIDS, Homelessness

Ruthanne Marcus, Alexander de Groot, Sara Bachman, Nicole Chisolm, Yasmeen Quadri, Howard Cabral and Serena Rajabiun

American Journal of Public Health: 108(S7), pp. S552–S560

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Comparative Effectiveness and Safety of Bariatric Procedures for Weight Loss. A PCORnet Cohort Study 741

D. Arterburn, R. Wellman, A. Emiliano, S.R. Smith, A.O. Odegaard, S. Murali, N. Williams, K.J. Coleman, A. Courcoulas, R.Y. Coley, J. Anau, R. Pardee, S. Toh, C. Janning, A. Cook, J. Sturtevant, C. Horgan, and K.M. McTigue, for the PCORnet Bariatric Study Collaborative

To compare weight loss at 1, 3, and 5 years after bariatric procedures and adverse events within 30 days, this study analyzed data from 41 health systems in the National Patient-Centered Clinical Research Network. The researchers compared outcomes in patients who had Roux-en-Y gastric bypass, sleeve gastrectomy, and adjustable gastric banding.

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Use of High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia. 751

A Cohort Study

M. Hammad, J.H. Kim, A.S. Tahhan, B. Kindy, C. Liu, Y. Ko, I. Al Mheid, K. Wilmot, R. Ramadan, A. Alkhoder, F. Choudhary, M.M. Gafeer, N. Abdelhadi, P. Pimple, P. Sandesara, B.B. Lima, A.J. Shah, L. Ward, M. Kutner, J.D. Bremner, D.S. Sheps, P. Raggi, L.S. Sperling, V. Vaccarino, and A.A. Quyyumi

Although guidelines recommend against routine surveillance cardiac stress testing for patients with known, stable ischemic heart disease, such testing is frequently performed. This study evaluated whether blood levels of high-sensitivity cardiac troponin can rule out inducible myocardial ischemia in patients with stable coronary artery disease.

Long-Term Protection After Fractional-Dose Yellow Fever Vaccination. Follow-up Study of a Randomized, Controlled, Noninferiority Trial 761

A.H.E. Roukens, K. van Halem, A.W. de Visser, and L.G. Visser

Yellow fever cannot be cured, so vector control and vaccination are essential for prevention of morbidity and mortality. Given frequent vaccine shortages, countries affected by outbreaks may soon have to use fractional doses to increase coverage. This study investigated the neutralizing antibody response 10 years after participants received a fractional dose in a previous randomized, controlled, noninferiority trial.

Diagnosis of Pulmonary Embolism During Pregnancy. A Multicenter Prospective Management Outcome Study 766

M. Righini, H. Robert-Ebadi, A. Elias, O. Sanchez, E. Le Moigne, J. Schmidt, C. Le Gall, J. Cornuz, D. Aujesky, P. Roy, C. Chauleur, O.T. Rutschmann, P. Poletti, and G. Le Gal, for the CT-PE-Pregnancy Group

Pregnant women are at increased risk for venous thromboembolism, and pulmonary embolism (PE) is among the most common causes of maternal death. Yet, evidence on the evaluation of suspected PE during pregnancy is limited, prospective management studies have not been reported, and guidelines vary. This prospective multicenter study validated a diagnostic strategy in pregnant women with suspected PE.

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Interventions for Preventing Thromboembolic Events in Patients With Atrial Fibrillation. 774

A Systematic Review

A. Lowenstern, S.M. Al-Khatib, L. Sharan, R. Chatterjee, N.M. Allen LaPointe, B. Shah, E.D. Borre, G. Raitz, A. Goode, R. Yapa, J.K. Davis, K. Lallinger, R. Schmidt, A.S. Kosinski, and G.D. Sanders

This systematic review of 220 comparative studies examines the effectiveness of medical and procedural treatments for patients with nonvalvular atrial fibrillation.

Beyond the Guidelines

How Would You Manage This Patient With Gout? 788 Grand Rounds Discussion From Beth Israel Deaconess Medical Center

R.B. Burns, C.C. Smith, R.H. Shmerling, and A. Tess

In 2012, the American College of Rheumatology published a guideline on gout management; a guideline from the American College of Physicians followed 5 years later. The recommendations conflict in several areas of patient management. Here, 2 experts—a generalist and a rheumatologist—debate the guidelines in general as well as in the context of a specific patient.

CME/MOC quiz available at Annals.org

Position Paper

Principles for Patient and Family Partnership in Care: An American College of Physicians Position Paper 796

W.K. Nickel, S.E. Weinberger, and P.A. Guze, for the Patient Partnership in Healthcare Committee of the American College of Physicians

In this position paper, the American College of Physicians articulates principles for partnering with patients and families in health care and discusses how such partnerships can improve patient adherence, satisfaction, and outcomes.

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Losing Embryos, Finding Justice: Life, Liberty, and the Pursuit of Personhood 800

I.G. Cohen, D. Fox, and E.Y. Adashi

In March 2018, a liquid nitrogen storage tank broke down at a fertility center in Ohio, causing the loss of over 4000 eggs and embryos from more than 950 persons. This incident has precipitated lawsuits and raised thorny legal and ethical issues. The authors of this commentary present the legal theories tried in similar cases and some of the difficulties encountered.

Pitfalls and Potential in Medicare's Move Toward Outpatient Care Episodes 802

A.S. Navathe, E.J. Emanuel, and J.M. Liao

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More Evidence to Help Guide Decision Making About Aspirin for Primary Prevention 804

M. Pignone and D.A. DeWalt

This commentary reviews the results of 2 large trials, 1 in healthy older adults and 1 in middle-aged and older adults with diabetes, that provide information to assist in decision making on aspirin use in patients without a history of cardiovascular disease.

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PCORnet Bariatric Surgery Outcomes: Strength in Numbers 806

N. Puzziferri and B.M. Wolfe

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The Potential for Troponin to Inform Prognosis in Patients With Stable Coronary Artery Disease 808

P.J. Devereaux

Hammadah and colleagues explored whether a high-sensitivity cardiac troponin I measurement could exclude inducible ischemia. The editorialist discusses why their observations are an important contribution to the area of prognostication in patients with stable coronary artery disease.

Diagnosing Pulmonary Embolism During Pregnancy: Which Test Is Best? 810

A.M. Valente and K.E. Economy

The editorialists discuss the important lessons learned from Righini and coworkers' study and how they should inform clinical practice and future studies.

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C.M. DesRoches and L. Salmi

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Original Research

Intermediate Diabetes Outcomes in Patients Managed by Physicians, Nurse Practitioners, or Physician Assistants. A Cohort Study 825

G.L. Jackson, V.A. Smith, D. Edelman, S.L. Woolson, C.C. Hendrix, C.M. Everett, T.S. Berkowitz, B.S. White, and P.A. Morgan
In this study, more than 368 000 patients with diabetes mellitus had most of their care provided by a physician assistant, nurse practitioner, or physician. The researchers investigated whether hemoglobin A_{1c}, systolic blood pressure, and serum lipoprotein cholesterol values differed among patients depending on the type of clinician providing their care.

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Socioeconomic Differences in the Epidemiologic Transition From Heart Disease to Cancer as the Leading Cause of Death in the United States, 2003 to 2015. An Observational Study 836

K.G. Hastings, D.B. Boothroyd, K. Kapphahn, J. Hu, D.H. Rehkopf, M.R. Cullen, and L. Palaniappan
Recent studies of state-level data suggest that the United States is transitioning from heart disease to cancer as the leading cause of death. This analysis provides data on this "new epidemiologic transition" at the county level and by socioeconomic characteristics.

High-Deductible Insurance and Delay in Care for the Macrovascular Complications of Diabetes 845

J.F. Wharam, C.Y. Lu, F. Zhang, M. Callahan, X. Xu, J. Wallace, S. Soumerai, D. Ross-Degnan, and J.P. Newhouse
In this observational, longitudinal, before-after study using 10 years of data from a large national health insurer, the authors sought to determine whether a transition from low-deductible to high-deductible insurance is associated with delayed medical care for macrovascular complications of diabetes.

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Increasing Safe Outpatient Management of Emergency Department Patients With Pulmonary Embolism. A Controlled Pragmatic Trial 855

D.R. Vinson, D.G. Mark, U.K. Chettipally, J. Huang, A.S. Rauchwerger, M.E. Reed, J.S. Lin, M.V. Kene, D.H. Wang, D.R. Sax, T.S. Pleshakov, I.D. McLachlan, C.K. Yamin, A.R. Elms, H.R. Iskin, R. Vemula, D.M. Yealy, and D.W. Ballard

Despite the well-established safety of outpatient treatment for pulmonary embolism in appropriately selected, low-risk patients, most of these patients continue to be hospitalized to start treatment. This multicenter clinical trial tested whether delivery of a focused clinical decision support system could safely increase the number of patients with acute pulmonary embolism who are discharged to home from the emergency department.

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Ensuring Fairness in Machine Learning to Advance Health Equity 866

A. Rajkomar, M. Hardt, M.D. Howell, G. Corrado, and M.H. Chin
In this special article, the authors posit that diagnostic and therapeutic models derived from machine learning can and should be designed and implemented with principles of justice to ensure that the models benefit all patients.

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A.L. Peters
Jackson and colleagues showed that patients with diabetes who received care from nurse practitioners and physician assistants working in the Veterans Affairs health system had outcomes equivalent to those of patients cared for by physicians in a primary care setting. The editorialist discusses the findings and the importance of team-based care for persons with diabetes.

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A combination of increased prevention and improved medical treatment of cardiovascular disease has allowed cancer to gradually replace heart disease as the leading cause of death in high-income countries over the past decade. The study by Hastings and colleagues provides a lens for interpreting the population dynamics related to the epidemiologic transition. The editorialists discuss the findings from a social epidemiology perspective.

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Rajkomar and colleagues warn us that the introduction of machine-learned predictive algorithms into medicine might inadvertently reinforce or create inequitable treatment of protected groups, for which the computer science community has adopted the terminology of "fairness." The editorialists discuss the authors' proposals and conclude that no formulaic solution will be sufficient to achieve fairness.

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D. Taichman, S.S. Bornstein, and C. Laine

On 8 November 2018, the National Rifle Association (NRA) took to Twitter to admonish doctors to "stay in their lane." The NRA does not believe firearm-related injury and prevention are within the purview of physicians. We could not disagree more.

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- 1955 **Challenges And Opportunities Faced By Large Health Systems Implementing Telehealth**
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- 1960 **Advancement Of Teledentistry At The University Of Rochester's Eastman Institute For Oral Health**
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- 1967 **Telehealth In Health Centers: Key Adoption Factors, Barriers, And Opportunities**
Ching-Ching Claire Lin, Anne Dievler, Carolyn Robbins, Alek Sripipatana, Matt Quinn, and Suma Nair

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Erin Shigekawa, Margaret Fix, Garen Corbett, Dylan H. Roby, and Janet Coffman

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- 1997 **Tele-Triage Outcomes For Patients With Chest Pain: Comparing Physicians And Registered Nurses**
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- 2024 **Electronic Visits For Common Acute Conditions: Evaluation Of A Recently Established Program**
Marty Player, Edward O'Bryan, Emily Sederstrom, Jasmine Pinckney, and Vanessa Diaz



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Coordinating care: At Third Street Family Health Services in Mansfield, Ohio, community health worker Kimberly Phinnessee (left) reviews new educational materials for at-risk patients with Mark Redding and Sarah Redding, founders of the Pathways Community HUB model of care coordination.

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from HSR Volume 53 | Issue 6 | December 2018

Bruno D. Riverin Ph.D. Erin C. Strumpf Ph.D. Ashley I. Naimi Ph.D. Patricia Li M.D., M.Sc.

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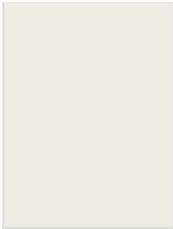
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April 17
319 (15): 1523-1630

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320 (7): 615-733

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December 4, 2018, Vol 320, No. 21, Pages 2171-2280

In This Issue of JAMA

Highlights

Abstract | **Full Text**

-   JAMA. 2018;320(21):2171-2173. doi:10.1001/jama.2017.12658
-  **Audio Summary:** Hypothermia for Severe TBI, RAS Inhibitors After TAVR, OAC-PPI Therapy and UGIB, and more

Viewpoint

Evolving Issues in Oncology

Vaccines as an Integral Component of Cancer Immunotherapy

Jeffrey Schlom, PhD; James L. Gulley, MD, PhD

Abstract | **Full Text**

JAMA. 2018;320(21):2195-2196. doi:10.1001/jama.2018.9511

This Viewpoint reviews recent preclinical developments in the use of therapeutic cancer vaccines to induce immune responses to tumor-associated antigens, alone or in combination with other therapies, such as tumor checkpoint inhibitor monoclonal antibodies, to render resistant (cold) tumor cells susceptible to T-cell antitumor activity.

Editorial

Oncology in Transition: Changes, Challenges, and Opportunities

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

Redistributing Investment in Health and Social Services— The Evolving Role of Managed Care

William H. Shrank, MD, MSHS; Donna J. Keyser, PhD, MBA; John G. Lovelace, MS, MSIS

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

JAMA. 2018;320(21):2197-2198. doi:10.1001/jama.2018.14987

This Viewpoint discusses the increasing investments managed care organizations are making in social services to improve members' health and decrease costs, and argues that the trend could free up resources for investment in the health of groups not covered by managed care plans.

Clinical Decision Support in the Era of Artificial Intelligence

Edward H. Shortliffe, MD, PhD; Martin J. Sepúlveda, MD, ScD

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

JAMA. 2018;320(21):2199-2200. doi:10.1001/jama.2018.17163

This Viewpoint discusses the potential capabilities and challenges of decision support systems that are designed to be used interactively by clinicians.

Advertisement

A Piece of My Mind

Pain Management: Assembling a Tool Kit, Building a Life

Kevin F. Boehnke, PhD

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

JAMA. 2018;320(21):2201-2202. doi:10.1001/jama.2018.17722

In this narrative medicine essay, the author shares how he assembled the tools to help him manage his pain from fibromyalgia and argues for reuniting pain medicine with compassion.

Editorial

Oncology in Transition: Changes, Challenges, and Opportunities

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

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

JAMA. 2018;320(21):2203-2204. doi:10.1001/jama.2018.17057

Hypothermia After Traumatic Brain Injury

Annemarie Docherty, PhD, MBChB, FRCA; John Emelifeonwu, MBChB, MRCS; Peter J. D. Andrews, MD, MBChB, FRCA

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

JAMA. 2018;320(21):2204-2206. doi:10.1001/jama.2018.17121

Did Medicaid Expansion Reduce Mortality Among Patients Initiating Dialysis for Irreversible Kidney Failure?

Kevin F. Erickson, MD, MS; Vivian Ho, PhD; Wolfgang C. Winkelmayer, MD, ScD

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

JAMA. 2018;320(21):2206-2208. doi:10.1001/jama.2018.14291

Time for Clinicians to Embrace Their Inner Bayesian?

Reanalysis of Results of a Clinical Trial of Extracorporeal Membrane Oxygenation

Roger J. Lewis, MD, PhD; Derek C. Angus, MD, MPH, FRCP

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

☐ JAMA. 2018;320(21):2208-2210. doi:10.1001/jama.2018.16916

☐ **Clinical Review Audio:** Bayes for Clinicians Who Need to Know but Don't Like Math

Original Investigation

Caring for the Critically Ill Patient

Effect of Early Sustained Prophylactic Hypothermia on Neurologic Outcomes Among Patients With Severe Traumatic Brain Injury: The POLAR Randomized Clinical Trial

D. James Cooper, MD; Alistair D. Nichol, MB, PhD; Michael Bailey, PhD; et al.

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

☐ JAMA. 2018;320(21):2211-2220. doi:10.1001/jama.2018.17075

This randomized clinical trial compares the effects of prophylactic hypothermia targeted to a core temperature of 33°C-35°C vs usual normothermic emergency care on neurologic outcomes or independent living of adult patients with severe traumatic brain injury (TBI).

Editorial

Hypothermia After Traumatic Brain Injury

Annemarie Docherty, PhD, MBChB, FRCA; John Emelifeonwu, MBChB, MRCS; Peter J. D. Andrews, MD, MBChB, FRCA

Association of Oral Anticoagulants and Proton Pump Inhibitor Cotherapy With Hospitalization for Upper

Gastrointestinal Tract Bleeding

Wayne A. Ray, PhD; Cecilia P. Chung, MD, MPH; Katherine T. Murray, MD; et al.

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

☐ JAMA. 2018;320(21):2221-2230. doi:10.1001/jama.2018.17242

This pharmacoepidemiology study examines the association between oral anticoagulants (warfarin, apixaban, dabigatran, and rivaroxaban), cotherapy with proton pump inhibitors (PPIs), and upper gastrointestinal (UGI) tract bleeding in Medicare beneficiaries.

Association of Renin-Angiotensin Inhibitor Treatment With Mortality and Heart Failure Readmission in Patients With Transcatheter Aortic Valve Replacement

Taku Inohara, MD, PhD; Pratik Manandhar, MS; Andrzej S. Kosinski, PhD; et al.

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

JAMA. 2018;320(21):2231-2241. doi:10.1001/jama.2018.18077

This cohort study uses registry and Medicare claims data to investigate associations between prescription for a renin-angiotensin system (RAS) inhibitor at hospital discharge after transcatheter aortic valve replacement (TAVR) and 1-year all-cause mortality and heart failure readmissions.

Association of Medicaid Expansion With 1-Year Mortality Among Patients With End-Stage Renal Disease

Shailender Swaminathan, PhD; Benjamin D. Sommers, MD, PhD; Rebecca Thorsness, BA; et al.

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

JAMA. 2018;320(21):2242-2250. doi:10.1001/jama.2018.16504

This before-after study examines changes in 1-year mortality among nonelderly patients initiating dialysis in states that did vs did not participate in Medicaid expansion under the Affordable Care Act in 2014.

Editorial

Did Medicaid Expansion Reduce Mortality Among Patients Initiating Dialysis for

Irreversible Kidney Failure?

Kevin F. Erickson, MD, MS; Vivian Ho, PhD; Wolfgang C. Winkelmayr, MD, ScD

Special Communication

Caring for the Critically Ill Patient

Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome and Posterior Probability of Mortality Benefit in a Post Hoc Bayesian Analysis of a Randomized Clinical Trial

Ewan C. Goligher, MD, PhD; George Tomlinson, PhD; David Hajage, MD, PhD; et al.

Abstract | **Full Text**

☐ ☐ JAMA. 2018;320(21):2251-2259. doi:10.1001/jama.2018.14276

This Special Communication describes a Bayesian reanalysis of a randomized clinical trial comparing the effects on mortality of venovenous extracorporeal membrane oxygenation (ECMO) vs conventional mechanical ventilation among patients with severe acute respiratory distress syndrome, performed because of divergence between the clinical vs statistical significance of the trial's findings and continued controversy over the benefit of ECMO.

☐ **Clinical Review Audio:** Bayes for Clinicians Who Need to Know but Don't Like Math

Editorial

Time for Clinicians to Embrace Their Inner Bayesian? Reanalysis of Results of a Clinical Trial of Extracorporeal Membrane Oxygenation

Roger J. Lewis, MD, PhD; Derek C. Angus, MD, MPH, FRCP

JAMA Clinical Guidelines Synopsis

Incidental Pulmonary Nodules Detected on CT Images

Irsk J. Anderson, MD; Andrew M. Davis, MD, MPH

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

JAMA. 2018;320(21):2260-2261. doi:10.1001/jama.2018.16336

This JAMA Clinical Guidelines Synopsis summarizes the 2017 Fleischner Society guidelines on management of incidental pulmonary nodules detected on computed tomography (CT) imaging.

From The Medical Letter on Drugs and Therapeutics

Two New Intra-Articular Injections for Knee Osteoarthritis

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

JAMA. 2018;320(21):2262-2263. doi:10.1001/jama.2018.13134

This Medical Letter review summarizes doses and formulations of 2 recently approved treatments for osteoarthritic knee pain, a single-injection hyaluronic acid gel (Durolane) and an extended-release formulation of triamcinolone acetonide (Zilretta).

Research Letter

Proportion of Non–US-Born and Noncitizen Health Care Professionals in the United States in 2016

Yash M. Patel, BA; Dan P. Ly, MD; Tanner Hicks, BS; et al.

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

JAMA. 2018;320(21):2265-2267. doi:10.1001/jama.2018.14270

This national survey study uses US Census Bureau data to estimate the proportion of non–US-born and noncitizen health care professionals in the United States in 2016.

Association Between the Liaison Committee on Medical Education’s Diversity Standards and Changes in Percentage of Medical Student Sex, Race, and Ethnicity

Dowin H. Boatright, MD, MBA, MHS; Elizabeth A. Samuels, MD, MPH, MHS; Laura Cramer, PhD, ScM; et al.

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

JAMA. 2018;320(21):2267-2269. doi:10.1001/jama.2018.13705

This study examines the change in matriculant sex, race, and ethnicity in US medical schools after the 2009 implementation of diversity standards from the Liaison Committee on Medical Education (LCME) meant to broaden diversity among qualified applicants.

Medical News & Perspectives

JAMA Network Articles of the Year 2018

Jennifer Abbasi

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

 JAMA. 2018;320(21):2188-2191. doi:10.1001/jama.2018.17934

This Medical News article discusses the top-viewed articles published in the JAMA family of journals over the past year.

News From the Food and Drug Administration

Devices Help Surgeons See Parathyroid Tissue

Rebecca Voelker, MSJ

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

JAMA. 2018;320(21):2193. doi:10.1001/jama.2018.18768

New Flu Drug Approved

Rebecca Voelker, MSJ

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

JAMA. 2018;320(21):2193. doi:10.1001/jama.2018.18772

Warning on Warfarin Monitoring

Rebecca Voelker, MSJ

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

JAMA. 2018;320(21):2193. doi:10.1001/jama.2018.18789

Bench to Bedside

Airway Cells Make Trade-off When Fighting the Cold Virus

Tracy Hampton, PhD

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

JAMA. 2018;320(21):2192. doi:10.1001/jama.2017.12867

Comment & Response

Acupuncture for Aromatase Inhibitor–Related Joint Pain Among Breast Cancer Patients

Jun J. Mao, MD, MSCE; John T. Farrar, MD, MSCE, PhD

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

JAMA. 2018;320(21):2269-2270. doi:10.1001/jama.2018.16736

Acupuncture for Aromatase Inhibitor–Related Joint Pain Among Breast Cancer Patients

Cun Liu, MM; Heng Zhang, MM; Changgang Sun, MD, PhD

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

JAMA. 2018;320(21):2270. doi:10.1001/jama.2018.16740

Acupuncture for Aromatase Inhibitor–Related Joint Pain Among Breast Cancer Patients

Dawn L. Hershman, MD, MS; Joseph M. Unger, PhD; Katherine Crew, MD, MS

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

JAMA. 2018;320(21):2270-2271. doi:10.1001/jama.2018.16744

Sepsis Bundles and Mortality Among Pediatric Patients

Halden F. Scott, MD; Fran Balamuth, MD, PhD, MSCE; Raina M. Paul, MD

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

JAMA. 2018;320(21):2271. doi:10.1001/jama.2018.16748

Sepsis Bundles and Mortality Among Pediatric Patients—Reply

Idris V. R. Evans, MD, MSc; Derek C. Angus, MD, MPH; Christopher W. Seymour, MD, MSc

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

JAMA. 2018;320(21):2271-2272. doi:10.1001/jama.2018.16751

Protocol Deviations, Reanalyses, and Corrections to PREDIMED Trial Derivative Study on Peripheral Artery Disease

Miguel A. Martínez-González, MD, PhD

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

JAMA. 2018;320(21):2272. doi:10.1001/jama.2018.16553

Correction

Protocol Deviations and Reanalyses in a Derivative Study

of the PREDIMED Trial

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

☐ JAMA. 2018;320(21):2272. doi:10.1001/jama.2018.17893

Data Errors in Table 3

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

☐ JAMA. 2018;320(21):2272-2273. doi:10.1001/jama.2018.17900

Clarification for Reported Colposcopy Rates

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

☐ JAMA. 2018;320(21):2273. doi:10.1001/jama.2018.17912

Poetry and Medicine

Low-Dose Opioid Hyperalgesia

Judith Skillman

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

JAMA. 2018;320(21):2274. doi:10.1001/jama.2018.11161

JAMA Revisited

The Future of the Medical Profession

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

JAMA. 2018;320(21):2275. doi:10.1001/jama.2017.12688

JAMA Patient Page

Treating Hepatitis C

Dara Grennan, MD

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

☐ JAMA. 2018;320(21):2280. doi:10.1001/jama.2018.15997

This JAMA Patient Page describes recent advancements in hepatitis C treatment.

JAMA Masthead

JAMA

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

☐ JAMA. 2018;320(21):2175-2176. doi:10.1001/jama.2017.12659



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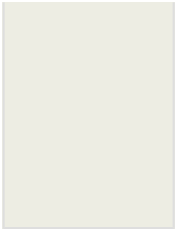
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Low-Fat vs Low-Carbohydrate Diet on Weight Loss in Overweight Adults



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December 11, 2018, Vol 320, No. 22, Pages 2283-2387

In This Issue of JAMA

Highlights

Abstract | **Full Text**

-   JAMA. 2018;320(22):2283-2285. doi:10.1001/jama.2017.12669
-  **Audio Summary:** Vitamin D Receptor Agonists for Hemodialysis Patients, Titin Los-of-Function Variants and Atrial Fibrillation, COIs as Research Misconduct, and more

Viewpoint

Institutional Conflicts of Interest and Public Trust

Francisco G. Cigarroa, MD; Bettie Sue Masters, PhD; Dan Sharphorn, JD

Abstract | **Full Text**

JAMA. 2018;320(22):2305-2306. doi:10.1001/jama.2018.18482

This Viewpoint discusses recent problems with undisclosed conflicts of interest and proposes broadening disclosure requirements beyond individuals to include the institutions funding the research.

Editorial

Conflicts of Interests, Authors, and Journals: New Challenges for a Persistent Problem

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Annette Flanagan, RN, MA

Should Failure to Disclose Significant Financial Conflicts of Interest Be Considered Research Misconduct?

Jeffrey R. Botkin, MD, MPH

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

JAMA. 2018;320(22):2307-2308. doi:10.1001/jama.2018.17525

This Viewpoint proposes that failure of authors to completely disclose conflicts of interest (COIs) should be considered a form of research misconduct subject to institutional review and sanctions if appropriate to establish a basic standard of consistent COI reporting.

Editorial

Conflicts of Interests, Authors, and Journals: New Challenges for a Persistent Problem

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Annette Flanagan, RN, MA

Monitoring Jet Engines and the Health of People

Lionel Tarassenko, MA, DPhil; Eric J. Topol, MD

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

JAMA. 2018;320(22):2309-2310. doi:10.1001/jama.2018.16558

In this Viewpoint, Eric Topol and Lionel Tarrasenko, a biomedical engineer known for developing early-warning systems in critical care settings, contrast the precision monitoring of jet engines with existing monitoring systems in patients, and discuss how sensors, artificial intelligence, and other contemporary digital technologies used to monitor the maintenance needs of engines can be used to personalize treatment and improve outcomes for patients without generating false alarms.

Expansion of the Medicare 340B Payment Program: Hospital Participation, Prescribing Patterns and Reimbursement, and Legal Challenges

Peter B. Bach, MD; Rachel E. Sachs, JD, MPH

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

JAMA. 2018;320(22):2311-2312. doi:10.1001/jama.2018.15667

In this Viewpoint, the authors review Medicare & Medicaid Services 340B Payment program and recent rules to curtail expansion of drug discounts beyond serving poor patients.

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A Piece of My Mind

Against the Odds

Emily M. Bucholz, MD, PhD, MPH

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

JAMA. 2018;320(22):2313-2314. doi:10.1001/jama.2018.17821

In this narrative medicine essay, a pediatrician and PhD-trained epidemiologist considers the personal significance of the statistically rare event that has happened to her and the implications for how she cares for patients and communicates risks to families confronting medical decisions.

Editorial

Conflicts of Interests, Authors, and Journals: New Challenges for a Persistent Problem

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Annette Flanagan, RN, MA

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

☐ JAMA. 2018;320(22):2315-2318. doi:10.1001/jama.2018.17593

Vitamin D Receptor Agonists for Patients Undergoing Hemodialysis

Rasheeda K. Hall, MD, MBA, MHS; Julia J. Scialla, MD, MHS

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

JAMA. 2018;320(22):2319-2321. doi:10.1001/jama.2018.17477

Intensive Intervention to Improve Outcomes for Patients With COPD

Seppo T. Rinne, MD, PhD; Peter K. Lindenauer, MD, MSc; David H. Au, MD, MS

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

JAMA. 2018;320(22):2322-2324. doi:10.1001/jama.2018.17508

Original Investigation

Effect of Oral Alfacalcidol on Clinical Outcomes in Patients Without Secondary Hyperparathyroidism Receiving Maintenance Hemodialysis: The J-DAVID Randomized Clinical Trial

The J-DAVID Investigators

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

☐ JAMA. 2018;320(22):2325-2334. doi:10.1001/jama.2018.17749

This randomized, open-label, blinded end point randomized clinical trial examined the effect of oral alfacalcidol, a vitamin D receptor activator, on cardiovascular events in patients with cardiovascular kidney disease receiving hemodialysis.

Editorial

Vitamin D Receptor Agonists for Patients Undergoing Hemodialysis

Rasheeda K. Hall, MD, MBA, MHS; Julia J. Scialla, MD, MHS

Effect of a Program Combining Transitional Care and

Long-term Self-management Support on Outcomes of Hospitalized Patients With Chronic Obstructive Pulmonary Disease: A Randomized Clinical Trial

Hanan Aboumatar, MD, MPH; Mohammad Naqibuddin, MBBS, MPH; Suna Chung, MPH; et al.

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

☐ JAMA. 2018;320(22):2335-2343. doi:10.1001/jama.2018.17933

This randomized clinical trial compares the effects of a program combining transition and long-term self-management support vs transition support alone on 6-month hospitalizations and emergency department visits among patients with chronic obstructive pulmonary disease (COPD).

Editorial

Intensive Intervention to Improve Outcomes for Patients With COPD

Seppo T. Rinne, MD, PhD; Peter K. Lindenauer, MD, MSc; David H. Au, MD, MS

Effect of Mexiletine on Muscle Stiffness in Patients With Nondystrophic Myotonia Evaluated Using Aggregated N-of-1 Trials

Bas C. Stunnenberg, MD; Joost Raaphorst, MD, PhD; Hans M. Groenewoud, MSc; et al.

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

☐ JAMA. 2018;320(22):2344-2353. doi:10.1001/jama.2018.18020

This study uses a series of aggregated N-of-1 trials to investigate the effectiveness of mexiletine for treatment of muscle stiffness in adult patients with nondystrophic myotonia and compares results from this series with those from a previously conducted randomized clinical trial.

☐ **Clinical Review Audio:** Bayes for Clinicians Who Need to Know but Don't Like Math

Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation

Seung Hoan Choi, PhD; Lu-Chen Weng, PhD; Carolina Roselli, MSc; et al.

Abstract | **Full Text**

JAMA. 2018;320(22):2354-2364. doi:10.1001/jama.2018.18179

This nested case-control study of patients with early-onset atrial fibrillation (AF) used large-scale, deep-coverage whole-genome sequencing to identify a loss-of-function variant in *TTN*, the gene encoding the rare nerve protein titin, as a genetic risk factor for early AF.

JAMA Guide to Statistics and Methods

Bayesian Hierarchical Models

Anna E. McGlothlin, PhD; Kert Viele, PhD

Abstract | **Full Text**

 JAMA. 2018;320(22):2365-2366. doi:10.1001/jama.2018.17977

This JAMA Guide to Statistics and Methods discusses the use, limitations, and interpretation of Bayesian hierarchical modeling, a statistical procedure that integrates information across multiple levels and uses prior information about likely treatment effects and their variability to estimate true vs random treatment effects.

 **Clinical Review Audio:** Bayes for Clinicians Who Need to Know but Don't Like Math

 **Editorial**
Time for Clinicians to Embrace Their Inner Bayesian?Reanalysis of Results of a Clinical Trial of Extracorporeal Membrane Oxygenation
Roger J. Lewis, MD, PhD; Derek C. Angus, MD, MPH, FRCP

JAMA Clinical Evidence Synopsis

Treatment of Lower Extremity Superficial Thrombophlebitis

Marcello Di Nisio, MD, PhD; Iris Wichers, MD, PhD; Saskia Middeldorp, MD, PhD

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

JAMA. 2018;320(22):2367-2368. doi:10.1001/jama.2018.16623

This Clinical Evidence Synopsis summarizes a Cochrane review of randomized trials comparing the effects of treatment of lower extremity superficial thrombophlebitis on venous thromboembolism and major bleeding.

JAMA Diagnostic Test Interpretation

Serum Creatinine in the Critically Ill Patient With Sepsis

Matthieu Legrand, MD, PhD; John A. Kellum, MD

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

JAMA. 2018;320(22):2369-2370. doi:10.1001/jama.2018.16627

Following esophageal resection for cancer, a 73-year-old man was admitted to the ICU with pneumonia and progressive acute respiratory failure, and he was placed on mechanical ventilation. At day 5, his creatinine level continued to increase. How would you proceed?

Research Letter

Childbearing and Family Leave Policies for Resident Physicians at Top Training Institutions

Kirti Magudia, MD, PhD; Alexander Bick, MD, PhD; Jeffrey Cohen, MD; et al.

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

JAMA. 2018;320(22):2372-2374. doi:10.1001/jama.2018.14414

This study describes childbearing and family leave at 15 graduate medical education (GME)–sponsoring institutions affiliated with 12 US medical schools on top 10 lists for funding or ranking.

Specialty Board Leave Policies for Resident Physicians

Requesting Parental Leave

Briony K. Varda, MD, MPH; McKinley Glover IV, MD, MHS

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

JAMA. 2018;320(22):2374-2377. doi:10.1001/jama.2018.15889

This study compares family and childbearing leave policies for resident physicians among American Board of Medical Specialty (ABMS) member organizations that set training duration requirements for US residency programs.

Medical News & Perspectives

Is It Possible to Get a Flu Shot Too Early?

Rita Rubin, MA

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

JAMA. 2018;320(22):2299-2301. doi:10.1001/jama.2018.18373

This Medical News article examines the ongoing debate about whether people should begin getting immunized against influenza as soon as the vaccine becomes available.

The JAMA Forum

A Smarter War on Drugs

Howard K. Koh, MD, MPH; R. Gil Kerlikowske, MA; Michael P. Botticelli, MEd

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

☐ JAMA. 2018;320(22):2301-2302. doi:10.1001/jama.2018.18397

News From the Centers for Disease Control and Prevention

Mumps Outbreak Near Denver

Bridget Kuehn, MSJ

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

JAMA. 2018;320(22):2304. doi:10.1001/jama.2018.19205

PrEP Disparities

Bridget Kuehn, MSJ

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

JAMA. 2018;320(22):2304. doi:10.1001/jama.2018.18947

Biotech Innovations

Real-Time Visualization of Bacteria in Lungs

Jennifer Abbasi

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

JAMA. 2018;320(22):2303. doi:10.1001/jama.2018.18986

Artificial Intelligence Tools for Sepsis and Cancer

Jennifer Abbasi

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

JAMA. 2018;320(22):2303. doi:10.1001/jama.2018.19383

Comment & Response

Third Molar Extraction and Persistent Use of Opioids

Brett L. Ferguson, DDS; Stuart E. Lieblich, DMD; Thomas B. Dodson, DMD, MPH

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

JAMA. 2018;320(22):2377. doi:10.1001/jama.2018.17187

Third Molar Extraction and Persistent Use of Opioids—Reply

Chad M. Brummett, MD; Calista Harbaugh, MD; Romesh P. Nalliah, DDS, MHCM

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

JAMA. 2018;320(22):2377-2378. doi:10.1001/jama.2018.17203

Potential Harms of HIPAA

Charles G. Kels, JD; Lori H. Kels, MD, MPH

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

JAMA. 2018;320(22):2378-2379. doi:10.1001/jama.2018.17183

Potential Harms of HIPAA

Scott Mintzer, MD

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

JAMA. 2018;320(22):2379. doi:10.1001/jama.2018.17179

Potential Harms of HIPAA—Reply

Donald Berwick, MD; Martha E. Gaines, JD, LLM

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

JAMA. 2018;320(22):2379-2380. doi:10.1001/jama.2018.17199

Failure to Disclose Conflict of Interest in Article Published in JAMA on Detection of Cancer-Related Genes

José Baselga, MD, PhD

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

JAMA. 2018;320(22):2380. doi:10.1001/jama.2018.16961

Editorial

Conflicts of Interests, Authors, and Journals: New Challenges for a Persistent Problem

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Annette Flanagin, RN, MA

Correction

Missing Conflict of Interest Disclosure

Abstract | Full Text

☐ JAMA. 2018;320(22):2381. doi:10.1001/jama.2018.17511

Incorrect Grant Number

Abstract | Full Text

☐ JAMA. 2018;320(22):2381. doi:10.1001/jama.2018.18972

Error in Data Presentation in Text and Table

Abstract | Full Text

☐ JAMA. 2018;320(22):2381. doi:10.1001/jama.2018.17985

Incorrect Affiliation and Text Deletion

Abstract | Full Text

☐ JAMA. 2018;320(22):2381. doi:10.1001/jama.2018.19038

Editorial

Medicare Bundled Payment Programs for Joint Replacement: Anatomy of a Successful Payment Reform

Andrew M. Ryan, PhD

The Arts and Medicine

The Alzheimer’s Poetry Project

Gary Glazner; Daniel B. Kaplan, PhD

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

JAMA. 2018;320(22):2294-2295. doi:10.1001/jama.2018.16340

This Arts and Medicine essay describes the Alzheimer’s Poetry Project, a program that brings poets and facilitators to dementia care settings to reduce social isolation and nurture creative expression among older adults with cognitive deficits.

Poetry and Medicine

Ancestors

Carol Snyder Halberstadt

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

JAMA. 2018;320(22):2382. doi:10.1001/jama.2018.11167

JAMA Revisited

The Progress of Preventive Medicine

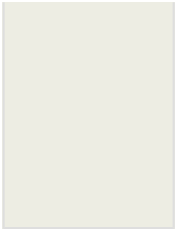
[Abstract](#) | [Full Text](#)

JAMA. 2018;320(22):2383. doi:10.1001/jama.2017.12699

JAMA Patient Page

Rhytidectomy (Face-Lift Surgery)

Akshay Sanan, MD; Sam P. Most, MD



April 17
319 (15): 1523-1630

April 24
319 (16): 1631-1734

August 21
320 (7): 615-733

August 28
320 (8): 735-846

December 18
320 (23): 2391-2492

December 25
320 (24): 2499-2608



December 18, 2018, Vol 320, No. 23, Pages 2391-2492

In This Issue of JAMA

Highlights

Abstract | **Full Text**

- ☐ ☐ JAMA. 2018;320(23):2391-2393. doi:10.1001/jama.2017.12680
- ☐ **Audio Summary:** Ondansetron and Congenital Defects, Cesarean Delivery and Pelvic Floor Disorders, Opioids for Noncancer Pain, and more

Viewpoint

Protecting the Value of Medical Science in the Age of Social Media and “Fake News”

Raina M. Merchant, MD, MSHP; David A. Asch, MD, MBA

Abstract | **Full Text**

JAMA. 2018;320(23):2415-2416. doi:10.1001/jama.2018.18416

This Viewpoint discusses the spread of scientific misinformation through social media, and countermeasures scientists and institutions can use to monitor and respond to it.

Addressing Health-Related Misinformation on Social Media

Wen-Ying Sylvia Chou, PhD, MPH; April Oh, PhD; William M. P. Klein, PhD

Abstract | **Full Text**

JAMA. 2018;320(23):2417-2418. doi:10.1001/jama.2018.16865

This Viewpoint discusses strategies for debunking health misinformation on social media and ideas for ways to spread accurate health information.

Professionalism, Performance, and the Future of Physician Incentives

Dhruv Khullar, MD, MPP; Daniel Wolfson, MPP; Lawrence P. Casalino, MD, PhD

Abstract | **Full Text**

JAMA. 2018;320(23):2419-2420. doi:10.1001/jama.2018.17719

This Viewpoint calls out the limited evidence supporting current pay-for-improvement incentives in the US, and argues that performance improvement programs that emphasize nonfinancial rewards, resources for quality improvement, and team-based recognition would be more consistent with physician motivation and professionalism and would be worth evaluating as a means to reduce health care costs and waste and improve quality.

Establishing the Effectiveness of Procedural Interventions: The Limited Role of Randomized Trials

Christopher J. D. Wallis, MD, PhD; Allan S. Detsky, MD, PhD; Eddy Fan, MD, PhD

Abstract | **Full Text**

JAMA. 2018;320(23):2421-2422. doi:10.1001/jama.2018.16329

This Viewpoint highlights logistical and methodological challenges complicating the use of randomized clinical trials (RCTs) to evaluate medical procedures and proposes standards of evidence for adopting new procedures in the absence of RCT data, including use of observational surveillance data to confirm the procedures' effectiveness in real-world settings.

A Piece of My Mind

The Labor of Representation

Aliya G. Feroe, BA

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

JAMA. 2018;320(23):2423-2424. doi:10.1001/jama.2018.18006

In this narrative medicine essay, a medical student shares her worries about coming out while in medical school and finding the role of explicator of all things LGBTQ at her diversity-welcoming school and suggests that medical schools teach and model LGBTQ-informed care.

Editorial

Helping Pregnant Women and Clinicians Understand the Risk of Ondansetron for Nausea and Vomiting During Pregnancy

David M. Haas, MD, MS

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

JAMA. 2018;320(23):2425-2426. doi:10.1001/jama.2018.19328

Increasing Evidence for the Limited Role of Opioids to Treat Chronic Noncancer Pain

Michael A. Ashburn, MD, MPH; Lee A. Fleisher, MD

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

JAMA. 2018;320(23):2427-2428. doi:10.1001/jama.2018.19327

Original Investigation

Association of Maternal First-Trimester Ondansetron Use With Cardiac Malformations and Oral Clefts in Offspring

Krista F. Huybrechts, MS, PhD; Sonia Hernández-Díaz, MD, DrPH; Loreen Straub, MD, MS; et al.

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

☐ JAMA. 2018;320(23):2429-2437. doi:10.1001/jama.2018.18307

This cohort study uses Medicaid data to estimate the role of congenital malformations among the offspring of women who took ondansetron during the first 3 months of pregnancy (between 2000 and 2013).

Editorial

Helping Pregnant Women and Clinicians Understand the Risk of Ondansetron for Nausea and Vomiting During Pregnancy

David M. Haas, MD, MS

Association of Delivery Mode With Pelvic Floor Disorders After Childbirth

Joan L. Blomquist, MD; Alvaro Muñoz, PhD; Megan Carroll, MS; et al.

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

☐ JAMA. 2018;320(23):2438-2447. doi:10.1001/jama.2018.18315

This cohort study describes the incidence of urinary incontinence, organ prolapse, and other pelvic floor disorders among women who gave birth via cesarean, spontaneous vaginal, or operative vaginal delivery.

Opioids for Chronic Noncancer Pain: A Systematic Review and Meta-analysis

Jason W. Busse, DC, PhD; Li Wang, PhD; Mostafa Kamaleldin, MB BCh; et al.

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

☐ ☐ JAMA. 2018;320(23):2448-2460. doi:10.1001/jama.2018.18472

This systematic review and meta-analysis of randomized clinical trials comparing opioid vs nonopioid treatment of chronic noncancer pain estimates the association of opioids with pain intensity, physical function, and incidence of vomiting.

Editorial

Increasing Evidence for the Limited Role of Opioids to Treat Chronic Noncancer Pain

Michael A. Ashburn, MD, MPH; Lee A. Fleisher, MD

Review

Interventions to Improve Medication Adherence: A Review

Vinay Kini, MD, MSHP; P. Michael Ho, MD, PhD

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

JAMA. 2018;320(23):2461-2473. doi:10.1001/jama.2018.19271

This narrative review describes common methods to assess medication nonadherence in routine care and examines current evidence on intervention strategies for improving medication adherence.

JAMA Clinical Guidelines Synopsis

Diagnosis and Management of Nonalcoholic Fatty Liver Disease

Sonali Paul, MD; Andrew M. Davis, MD, MPH

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

JAMA. 2018;320(23):2474-2475. doi:10.1001/jama.2018.17365

This JAMA Clinical Guidelines Synopsis summarizes the 2017 practice guidance from the American Association for the Study of Liver Diseases on diagnosis and management of nonalcoholic fatty liver disease.

JAMA Clinical Challenge

A Young Woman With Chest Pain

Quentin R. Youmans, MD; Erin D. Unger, MD; Keith H. Benzuly, MD

Abstract | **Full Text**

 JAMA. 2018;320(23):2476-2477. doi:10.1001/jama.2018.17045

A 36-year-old gravida 3, para 3 woman who had elective cesarean delivery 11 days prior presented with 3 days of exertional chest pain, an elevated troponin I level, ST-segment depression on electrocardiography, and coronary artery dissection on angiography. What would you do next?

Research Letter

Prostate Cancer–Specific Mortality Across Gleason Scores in Black vs Nonblack Men

Brandon A. Mahal, MD; Rebecca A. Berman, MD; Mary-Ellen Taplin, MD; et al.

Abstract | **Full Text**

JAMA. 2018;320(23):2479-2481. doi:10.1001/jama.2018.11716

This cohort study uses SEER Prostate Active Surveillance/Watchful Waiting data to compare prostate cancer mortality in black vs nonblack men with Gleason scores of 6 vs 7-10.

Medical News & Perspectives

States Move to Substitute Opioids With Medical Marijuana to Quell Epidemic

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2018;320(23):2408-2410. doi:10.1001/jama.2018.17329

This Medical News & Perspectives article discusses recently enacted state laws that allow prescribed opioids to be substituted with medical marijuana.

News From the Food and Drug Administration

A First in COPD Treatment

Rebecca Voelker, MSJ

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

JAMA. 2018;320(23):2413. doi:10.1001/jama.2018.19375

Rapid Ebola Test Uses Micro Reader to Improve Accuracy

Rebecca Voelker, MSJ

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

JAMA. 2018;320(23):2413. doi:10.1001/jama.2018.19379

The Return of OTC Primatene Mist

Rebecca Voelker, MSJ

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

JAMA. 2018;320(23):2413. doi:10.1001/jama.2018.19619

The JAMA Forum

Accreditation, Quality, and Making Hospital Care Better

Ashish K. Jha, MD, MPH

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

☐ JAMA. 2018;320(23):2410-2411. doi:10.1001/jama.2018.18810

Global Health

Nigerian Lassa Fever Outbreak Caused by Rodents

M.J. Friedrich

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

JAMA. 2018;320(23):2412. doi:10.1001/jama.2018.19084

Declaration of Astana Emphasizes Primary Care as Key to World Health

M.J. Friedrich

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

JAMA. 2018;320(23):2412. doi:10.1001/jama.2018.19558

Global Impact of Air Pollution on Children’s Health

M.J. Friedrich

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

JAMA. 2018;320(23):2412. doi:10.1001/jama.2018.19559

Comment & Response

Controversies About Lyme Disease

Carl Tuttle

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

JAMA. 2018;320(23):2481. doi:10.1001/jama.2018.17195

Controversies About Lyme Disease

Scott Santarella, BA; Timothy J. Sellati, PhD

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

JAMA. 2018;320(23):2481-2482. doi:10.1001/jama.2018.17191

Controversies About Lyme Disease—Reply

Eugene D. Shapiro, MD; Gary P. Wormser, MD

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

JAMA. 2018;320(23):2482-2483. doi:10.1001/jama.2018.17207

Cardiovascular Health and Cognitive Decline

Robert H. Howland, MD

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

JAMA. 2018;320(23):2483. doi:10.1001/jama.2018.17554

Cardiovascular Health and Cognitive Decline—Reply

Cécilia Samieri, PhD; Jean-Philippe Empana, MD, PhD

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

JAMA. 2018;320(23):2483-2484. doi:10.1001/jama.2018.17566

Self-harm, Traumatic Brain Injury, and Suicide

Simon Fleminger, FRCPsych; Jessica Fleminger, MEng

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

JAMA. 2018;320(23):2484-2485. doi:10.1001/jama.2018.17558

Self-harm, Traumatic Brain Injury, and Suicide—Reply

Trine Madsen, PhD; Merete Nordentoft, PhD; Michael E. Benros, PhD

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

JAMA. 2018;320(23):2485. doi:10.1001/jama.2018.17562

Notice of Retraction and Replacement. Snook et al. Change in percentages of adults with overweight or obesity trying to lose weight, 1988-2014. JAMA. 2017;317(9):971-973

Kassandra R. Snook, MPH; Andrew R. Hansen, DrPH; Carmen H. Duke, MPH; et al.

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

☐ JAMA. 2018;320(23):2485-2486. doi:10.1001/jama.2018.18136

Notice of Retraction and Replacement. Snook et al. Changes in percentages of adults with overweight or obesity trying to lose weight, 1988-2014. JAMA. 2017;317(9):971-973

Correction

Errors in Figure

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

☐ JAMA. 2018;320(23):2486. doi:10.1001/jama.2018.19142

Incorrect Author Affiliation

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

☐ JAMA. 2018;320(23):2486. doi:10.1001/jama.2018.19029

Poetry and Medicine

Circles

Michael Wynn, DO

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

JAMA. 2018;320(23):2487. doi:10.1001/jama.2018.11489

JAMA Revisited

The Historical Background of Resort Therapy: Howard W. Haggard, M.D.

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

JAMA. 2018;320(23):2488. doi:10.1001/jama.2017.12712

JAMA Patient Page

Hand, Foot, and Mouth Disease

Brittany Cox, BA, MS; Fatma Levent, MD

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

☐ JAMA. 2018;320(23):2492. doi:10.1001/jama.2018.17288

This JAMA Patient Page describes the symptoms, diagnosis, and treatment of hand, foot, and mouth disease.

JAMA Masthead

JAMA

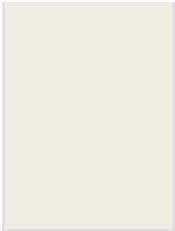
[Abstract](#) | [Full Text](#)

☐ JAMA. 2018;320(23):2395-2396. doi:10.1001/jama.2017.12681



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320 (24): 2499-2608



December 25, 2018, Vol 320, No. 24, Pages 2499-2608

In This Issue of JAMA

Highlights

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

- ☐ ☐ JAMA. 2018;320(24):2499-2501. doi:10.1001/jama.2017.12691
- ☐ **Audio Summary:** Medicare's HRRP and Mortality, Knee Arthritis Pain Control, Management of In-Flight Medical Emergencies, Best of Graphic Medicine 2018, and more

Viewpoint

Potential Risks and Benefits of Mental Health Screening of Physicians

Matthew L. Goldman, MD, MS; Carol A. Bernstein, MD; Richard F. Summers, MD

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

JAMA. 2018;320(24):2527-2528. doi:10.1001/jama.2018.18403

This Viewpoint discusses the barriers to physicians' seeking treatment for depression, burnout, and suicide ideation; reviews the pros and cons of establishing a mental health screening protocol for physicians; and calls for research on the effect screening has on mental health outcomes.

The Challenges of Improving Treatments for Depression

Pim Cuijpers, PhD

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

JAMA. 2018;320(24):2529-2530. doi:10.1001/jama.2018.17824

In this Viewpoint, the author discusses the need for studying treatments that help patients with persistent depression.

The Ethics of Heritable Genome Editing: New Considerations in a Controversial Area

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

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

JAMA. 2018;320(24):2531-2532. doi:10.1001/jama.2018.18270

This Viewpoint about heritable genome editing—the modification of DNA of an embryo, sperm, or egg to alter its characteristics for future generations—summarizes the 2018 Nuffield Council on Bioethics report on social and ethical issues raised by the technique, and questions its rejection of a distinction between gene editing for therapeutic vs feature enhancement purposes.

Improving Electronic Health Record Usability and Safety Requires Transparency

Raj M. Ratwani, PhD; Michael Hodgkins, MD; David W. Bates, MD

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

JAMA. 2018;320(24):2533-2534. doi:10.1001/jama.2018.14079

This Viewpoint discusses ways in which vendors of electronic health record (EHR) systems can block the conduct and dissemination of EHR usability and safety research and calls for policies that promote the identification and communication of usability and safety issues.

Using Standardized “Cancer Clocks”

Wen-Chung Lee, MD, PhD; Chun-Ju Chiang, PhD; Ya-Wen Yang, MS

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

JAMA. 2018;320(24):2535-2536. doi:10.1001/jama.2018.18756

This Viewpoint discusses the practice of using a clock timer analogy to describe population risks of cancer and suggests standardizing the measures of incidence rates used in the clocks to population size to facilitate more accurate comparisons between populations.

Advertisement

A Piece of My Mind

The Language of Suicide

Phoebe Danziger, MD

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

JAMA. 2018;320(24):2537-2538. doi:10.1001/jama.2018.19199

In this narrative medicine essay, a neonatologist-in-training finds that small, ordinary treasures—the first blooms of forsythia, the brilliant flash of an ignited Amaretti wrapper, incandescent cracks of lightning on a muggy summer night—mitigate some of the pain of her memories of having watched her father’s struggle with alcoholism, his failed marriage, and his suicide.

Editorial

Unintended Harm Associated With the Hospital Readmissions Reduction Program

Gregg C. Fonarow, MD

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

JAMA. 2018;320(24):2539-2541. doi:10.1001/jama.2018.19325

Original Investigation

Association of the Hospital Readmissions Reduction Program With Mortality Among Medicare Beneficiaries Hospitalized for Heart Failure, Acute Myocardial Infarction, and Pneumonia

Rishi K. Wadhera, MD, MPP, MPhil; Karen E. Joynt Maddox, MD, MPH; Jason H. Wasfy, MD, MPhil; et al.

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

JAMA. 2018;320(24):2542-2552. doi:10.1001/jama.2018.19232

This cohort study examined the effects of the CMS’s Hospital Readmissions Reduction Program, which imposed financial penalties on hospitals with higher-than-expected readmission rates, on mortality among Medicare beneficiaries hospitalized with heart failure, acute myocardial infarction (AMI), or pneumonia.

Editorial

Unintended Harm Associated With the Hospital Readmissions Reduction Program

Gregg C. Fonarow, MD

Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors

Luca A. Lotta, MD, PhD; Laura B. L. Wittemans, MSc; Verena Zuber, PhD; et al.

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

JAMA. 2018;320(24):2553-2563. doi:10.1001/jama.2018.19329

This cohort study uses GWAS data to identify genetic variants associated with higher waist-to-hip ratio (WHR) via gluteofemoral vs abdominal fat distribution and to estimate the association between a polygenic score for higher WHR and blood pressure, lipids and glucose levels, and type 2 diabetes and CVD risk.

Association of Pharmacological Treatments With Long-term Pain Control in Patients With Knee Osteoarthritis: A Systematic Review and Meta-analysis

Dario Gregori, PhD; Giampaolo Giacobelli, PhD; Clara Minto, MA; et al.

Abstract | **Full Text**

☐ JAMA. 2018;320(24):2564-2579. doi:10.1001/jama.2018.19319

This network meta-analysis of randomized clinical trials estimates the effects of analgesics, vitamin E, bone-acting agents like bisphosphonates and calcitonin, nonsteroidal anti-inflammatory drugs, intra-articular hyaluronic acid and corticosteroids, chondroitin sulfate and glucosamines, and disease-modifying agents on pain, physical function, and joint structure in patients with osteoarthritis.

Review

In-Flight Medical Emergencies: A Review

Christian Martin-Gill, MD, MPH; Thomas J. Doyle, MD, MPH; Donald M. Yealy, MD

Abstract | **Full Text**

☐ ☐ JAMA. 2018;320(24):2580-2590. doi:10.1001/jama.2018.19842

This narrative review summarizes evidence about the prevalence and management of in-flight medical emergencies and provides guidance for health care professionals who may be called on to help during these events.

☐ **Clinical Review Audio:** Medical Emergencies While Flying

JAMA Clinical Challenge

Fever, Rash, and Abnormal Liver Function Test Results

Mitsuru Mukaigawara, MD; Shuichi Sugita, MD

Abstract | **Full Text**

JAMA. 2018;320(24):2591-2592. doi:10.1001/jama.2018.16143

A man in his 30s had a 5-day history of fever, rhinorrhea, nonproductive cough, fever, and a maculopapular rash on his neck and trunk that spread to the extremities. He had leukopenia, and liver enzyme levels were elevated. What would you do next?

JAMA Diagnostic Test Interpretation

The Direct Antiglobulin Test for Evaluating Anemia

Corbin Eule, MD; Arjun Gupta, MD; Srikanth Nagalla, MD

Abstract | **Full Text**

JAMA. 2018;320(24):2593-2594. doi:10.1001/jama.2018.14317

A 68-year-old woman with chronic lymphocytic leukemia (CLL) presents with dyspnea on exertion, conjunctival pallor and scleral icterus, and moderate anemia with elevated reticulocytes and LDH and a 3+ anti-IgG direct antiglobulin test (DAT). How do you interpret the results?

Research Letter

Adoption of Medicare’s Transitional Care Management and Chronic Care Management Codes in Primary Care

Sumit D. Agarwal, MD; Michael L. Barnett, MD, MS; Jeffrey Souza, MS; et al.

Abstract | **Full Text**

JAMA. 2018;320(24):2596-2597. doi:10.1001/jama.2018.16116

This study analyzes Medicare claims data to assess the use of transitional care management and chronic care management services delivered by primary care physicians to fee-for-service beneficiaries.

Medical News & Perspectives

Whole-Fat or Nonfat Dairy? The Debate Continues

Rita Rubin, MA

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

 JAMA. 2018;320(24):2514-2516. doi:10.1001/jama.2018.17692

This Medical News & Perspectives story examines the debate over whether opting for whole-fat dairy or nonfat dairy or avoiding dairy altogether is optimal for health.

 **Audio:** JAMA Medical News Summary (December 2018): JAMA Network Articles of the Year, Seasonal Flu Vaccine Timing, Dietary Dairy Fats and Health, Human Placenta Project, and more

Unraveling the Mysteries of the Human Placenta

Rita Rubin, MA

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

 JAMA. 2018;320(24):2516-2518. doi:10.1001/jama.2018.18200

This Medical News article is an interview with the director of the National Institute of Child Health and Human Development about its Human Placenta Project.

 **Audio:** Unraveling the Mysteries of the Human Placenta

The JAMA Forum

Common Ground on Health

Joshua M. Sharfstein, MD

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

 JAMA. 2018;320(24):2518-2519. doi:10.1001/jama.2018.19581

News From the Centers for Disease Control and Prevention

Increase in Firearm Homicides

Bridget Kuehn, MSJ

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

JAMA. 2018;320(24):2522. doi:10.1001/jama.2018.19331

Shifting Hepatitis A Epidemiology

Bridget Kuehn, MSJ

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

JAMA. 2018;320(24):2522. doi:10.1001/jama.2018.19604

Clinical Trials Update

Balance Exercises Prevented Falls

Anita Slomski, MA

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

JAMA. 2018;320(24):2521. doi:10.1001/jama.2018.19334

Less Sitting Improved Work and Mood

Anita Slomski, MA

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

JAMA. 2018;320(24):2521. doi:10.1001/jama.2018.20157

Hand Sanitizer Combated Sickness in Day Care Centers

Anita Slomski, MA

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

JAMA. 2018;320(24):2521. doi:10.1001/jama.2018.20158

Chemoimmunotherapy for Triple-Negative Breast Cancer

Anita Slomski, MA

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

JAMA. 2018;320(24):2521. doi:10.1001/jama.2018.20159

Dual Receptor Agonist for Type 2 Diabetes

Anita Slomski, MA

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

JAMA. 2018;320(24):2521. doi:10.1001/jama.2018.20160

Health Agencies Update

Final Rules for Religious or Moral Objections to Contraceptive Coverage

Rita Rubin, MA

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

JAMA. 2018;320(24):2520. doi:10.1001/jama.2018.19473

GAO Assessment of the Opioid Public Health Emergency

Rita Rubin, MA

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

JAMA. 2018;320(24):2520. doi:10.1001/jama.2018.20155

Studying the Impact of Disabilities on Pregnancy

Rita Rubin, MA

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

JAMA. 2018;320(24):2520. doi:10.1001/jama.2018.20156

Comment & Response

Electrocardiography Screening for Atrial Fibrillation

Johan Engdahl, MD, PhD; Emma Svennberg, MD, PhD; Mårten Rosenqvist, MD, PhD

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

JAMA. 2018;320(24):2598. doi:10.1001/jama.2018.17764

Electrocardiography Screening for Atrial Fibrillation—Reply

Susan J. Curry, PhD; Alex H. Krist, MD, MPH; Douglas K. Owens, MD, MS

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

JAMA. 2018;320(24):2598-2599. doi:10.1001/jama.2018.17768

Digital Media Use and ADHD Symptoms

Margaret H. Sibley, PhD; Stefany J. Coxe, PhD

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

JAMA. 2018;320(24):2599. doi:10.1001/jama.2018.18095

Digital Media Use and ADHD Symptoms—Reply

Adam M. Leventhal, PhD; Steve S. Lee, PhD

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

JAMA. 2018;320(24):2599-2600. doi:10.1001/jama.2018.18103

Providing Individual Research Results to Participants

David J. Kaufman, PhD; Nicole C. Lockhart, PhD; Lawrence C. Brody, PhD

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

JAMA. 2018;320(24):2600-2601. doi:10.1001/jama.2018.18099

Providing Individual Research Results to Participants— Reply

Charlene A. Wong, MD, MSHP; Adrian F. Hernandez, MD, MHS; Robert M. Califf, MD

Abstract | **Full Text**

JAMA. 2018;320(24):2601. doi:10.1001/jama.2018.18111

Inconsistent Reporting of Potential Conflicts of Interest in JAMA

Mark B. McClellan, MD, PhD

Abstract | **Full Text**

JAMA. 2018;320(24):2601-2602. doi:10.1001/jama.2018.18490

Editorial

Accountable Care Organizations and Evidence-Based Payment Reform

Mark McClellan, MD, PhD

Correction

Inconsistent Conflict of Interest Disclosure

Abstract | **Full Text**

☐ JAMA. 2018;320(24):2602. doi:10.1001/jama.2018.18875

Editorial

Accountable Care Organizations and Evidence-Based Payment Reform

Mark McClellan, MD, PhD

The Arts and Medicine

Graphic Medicine: The Best of 2018

Michael J. Green, MD, MS; Mita Mahato, MA, PhD

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

JAMA. 2018;320(24):2510-2511. doi:10.1001/jama.2018.18009

This Arts and Medicine essay reviews the 2 best graphic medicine publications of 2018: Ellen Forney’s *Rock Steady*, about her approach to self-managing her bipolar disorder, and Marnie Galloway’s *Slightly Plural*, about overcoming cultural myths of pregnancy and motherhood to develop one’s own story of parenting.

Poetry and Medicine

Twelve Blessings for a Surgeon

J. A. O’Hare, MD

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

JAMA. 2018;320(24):2603. doi:10.1001/jama.2018.12434

JAMA Revisited

Some Hazards at Christmastime

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

JAMA. 2018;320(24):2604. doi:10.1001/jama.2017.12723

JAMA Patient Page

Endometriosis

Alan N. Peiris, MD, PhD, FRCP(Lond); Ellen Chaljub, BS; Dillon Medlock, BS

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

December 2018, Vol 178, No. 12, Pages 1573-1736

In This Issue of JAMA Internal Medicine

Highlights

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

□ *JAMA Intern Med.* 2018;178(12):1573-1736. doi:10.1001/jamainternmed.2017.5244

Viewpoint

Probiotic Safety—No Guarantees

Pieter A. Cohen, MD

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

JAMA Intern Med. 2018;178(12):1577-1578. doi:10.1001/jamainternmed.2018.5403

This Viewpoint examines the risks and benefits of consuming probiotic products and current labelling practices in the United States.

Less Is More

Does the Term *Intensive Care Unit* Promote Aggressive Treatment?

Brian L. Block, MD

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

JAMA Intern Med. 2018;178(12):1579-1580. doi:10.1001/jamainternmed.2018.5400

This Viewpoint examines how the term *intensive care unit* may contribute to patient and physician expectations of more invasive and aggressive therapies, and suggests that a change in the nomenclature may be a first step in realigning patient and physician expectations from burdensome treatment toward a more patient-centered approach.

Health Care Reform

Dialysis for Patients With End-stage Renal Disease Who Are Homeless

Tessa K. Novick, MD, MSW; Crystal A. Gadegbeku, MD; Deidra C. Crews, MD, ScM

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

JAMA Intern Med. 2018;178(12):1581-1582. doi:10.1001/jamainternmed.2018.5470

This Viewpoint highlights the challenges faced by patients with end-stage renal disease who are homeless, recommends measures to determine the prevalence and outcomes of homelessness among Medicare beneficiaries with end-stage renal disease, and proposes approaches to improve outcomes through supportive housing.

Advertisement

Editorial

Addressing Intimate Partner Violence and Abuse of Older or Vulnerable Adults in the Health Care Setting—Beyond Screening

Elizabeth Miller, MD, PhD; Scott R. Beach, PhD; Rebecca C. Thurston, PhD

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

JAMA Intern Med. 2018;178(12):1583-1585. doi:10.1001/jamainternmed.2018.6523

Editorial

Challenges and Opportunities for Studying Routine Screening for Abuse

Karin V. Rhodes, MD, MS; Melissa E. Dichter, PhD, MSW; Kristofer L. Smith, MD, MPP

Original Investigation

Evaluating Progression-Free Survival as a Surrogate Outcome for Health-Related Quality of Life in Oncology: A Systematic Review and Quantitative Analysis

Bruno Kovic, PhD; Xuejing Jin, PhD; Sean Alexander Kennedy, MD; et al.

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

JAMA Intern Med. 2018;178(12):1586-1596. doi:10.1001/jamainternmed.2018.4710

This systematic review and quantitative analysis evaluates progression-free survival as a surrogate outcome for health-related quality of life in oncology.

Association of Frequency of Organic Food Consumption With Cancer Risk: Findings From the NutriNet-Santé Prospective Cohort Study

Julia Baudry, PhD; Karen E. Assmann, PhD; Mathilde Touvier, PhD; et al.

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

☐ ☐ *JAMA Intern Med.* 2018;178(12):1597-1606. doi:10.1001/jamainternmed.2018.4357

This population-based cohort study investigates the association between organic food consumption and the risk of cancer in a large cohort of French adults.

☐ [Audio Interview:](#) Association of Organic Food Consumption With Cancer Risk

Combustible and Electronic Tobacco and Marijuana Products in Hip-Hop Music Videos, 2013-2017

Kristin E. Knutzen, MPH; Meghan Bridgid Moran, PhD; Samir Soneji, PhD

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

JAMA Intern Med. 2018;178(12):1608-1615. doi:10.1001/jamainternmed.2018.4488

This content analysis of 796 hip-hop music videos assesses the prevalence of electronic tobacco and marijuana products and brand placement in the most popular music videos from 2013 to 2017.

Engaging Diverse English- and Spanish-Speaking Older Adults in Advance Care Planning: The PREPARE Randomized Clinical Trial

Rebecca L. Sudore, MD; Dean Schillinger, MD; Mary T. Katen, BA; et al.

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

JAMA Intern Med. 2018;178(12):1616-1625. doi:10.1001/jamainternmed.2018.4657

This randomized clinical trial compares the efficacy of a patient-directed, online advance care planning program plus an easy-to-read advance directive with that of an advance directive alone to increase advance care planning and patient-reported engagement among English- and Spanish-speaking populations.

Benefits and Harms of Antihypertensive Treatment in Low-Risk Patients With Mild Hypertension

James P. Sheppard, PhD; Sarah Stevens, PhD; Richard Stevens, PhD; et al.

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

JAMA Intern Med. 2018;178(12):1626-1634. doi:10.1001/jamainternmed.2018.4684

This cohort study uses electronic health record data from the Clinical Practice Research Datalink database to examine the association between antihypertensive treatment prescriptions and all-cause mortality, cardiovascular disease, and adverse events in low-risk patients with mild hypertension.

Effect of Community Health Worker Support on Clinical Outcomes of Low-Income Patients Across Primary Care Facilities: A Randomized Clinical Trial

Shreya Kangovi, MD, MS; Nandita Mitra, PhD; Lindsey Norton, MSS, MLSP; et al.

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

JAMA Intern Med. 2018;178(12):1635-1643. doi:10.1001/jamainternmed.2018.4630

This randomized clinical trial evaluates the effectiveness of IMPaCT, a patient-centered program that uses trained community health workers to assist patients receiving treatment at 3 different facilities with the socioeconomic and behavioral aspects of their health.

Evaluation of Interventions Intended to Increase Colorectal Cancer Screening Rates in the United States: A Systematic Review and Meta-analysis

Michael K. Dougherty, MD, MSCR; Alison T. Brenner, PhD, MPH; Seth D. Crockett, MD, MPH; et al.

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

□ *JAMA Intern Med.* 2018;178(12):1645-1658. doi:10.1001/jamainternmed.2018.4637

This systematic review and meta-analysis examines interventions used to increase the rates of colorectal cancer screening tests.

Association of Short Interpregnancy Interval With Pregnancy Outcomes According to Maternal Age

Laura Schummers, SD; Jennifer A. Hutcheon, PhD; Sonia Hernandez-Diaz, DrPH; et al.

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

JAMA Intern Med. 2018;178(12):1661-1670. doi:10.1001/jamainternmed.2018.4696

This population-based cohort study examines the risk of maternal mortality or severe morbidity, adverse fetal and infant outcomes, and spontaneous preterm delivery after short interpregnancy intervals in both younger and older Canadian women.

Less Is More

Assessment of Attitudes Toward Deprescribing in Older Medicare Beneficiaries in the United States

Emily Reeve, PhD; Jennifer L. Wolff, PhD; Maureen Skehan, MSPH; et al.

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

JAMA Intern Med. 2018;178(12):1673-1680. doi:10.1001/jamainternmed.2018.4720

This population-based survey study uses data from the US National Health and Aging Trends Study to describe the attitudes of older Medicare beneficiaries toward deprescribing and whether individual characteristics are associated with these attitudes.

Association of Angiotensin-Converting Enzyme Inhibitor or Angiotensin Receptor Blocker Use With Outcomes After Acute Kidney Injury

Sandeep Brar, MD; Feng Ye, MSc; Matthew T. James, MD, PhD; et al.

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

JAMA Intern Med. 2018;178(12):1681-1690. doi:10.1001/jamainternmed.2018.4749

This study uses data from the Alberta Kidney Disease Network population database to evaluate the association of angiotensin-converting enzyme inhibitor or angiotensin receptor blocker use with posthospitalization outcomes in patients with acute kidney injury.

Invited Commentary

Organic Foods for Cancer Prevention—Worth the Investment?

Elena C. Hemler, BS; Jorge E. Chavarro, MD, ScD; Frank B. Hu, MD, PhD

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

☐ *JAMA Intern Med.* 2018;178(12):1606-1607. doi:10.1001/jamainternmed.2018.4363

☐ [Audio Interview:](#) Association of Organic Food Consumption With Cancer Risk

How Community Health Workers Can Affect Health Care

Ryan Graddy, MD; Michael Fingerhood, MD

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

JAMA Intern Med. 2018;178(12):1643-1644. doi:10.1001/jamainternmed.2018.4626

Colorectal Cancer Control: Where Have We Been and Where Should We Go Next?

Beverly B. Green, MD, MPH

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

JAMA Intern Med. 2018;178(12):1658-1660. doi:10.1001/jamainternmed.2018.4627

Balancing the Risks and Desires for Pregnancy in Older Mothers: Increasing Morbidity, Declining Fertility

Stephanie B. Teal, MD, MPH; Jeanelle Sheeder, MSPH, PhD

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

JAMA Intern Med. 2018;178(12):1671-1672. doi:10.1001/jamainternmed.2018.4734

Use of Renin Angiotensin System Blockers After Acute Kidney Injury: Balancing Tradeoffs

Robert J. Alpern, MD; Aldo J. Peixoto, MD

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

JAMA Intern Med. 2018;178(12):1690-1692. doi:10.1001/jamainternmed.2018.4757

Sodium Restriction in Heart Failure: Too Much Uncertainty —Do the Trials

Clyde W. Yancy, MD, MSc

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

JAMA Intern Med. 2018;178(12):1700-1701. doi:10.1001/jamainternmed.2018.4653

Making It Easier for Hospitals to Participate in, and Succeed Under, Bundled Payments

Daniel M. Blumenthal, MD, MBA

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

JAMA Intern Med. 2018;178(12):1717-1719. doi:10.1001/jamainternmed.2018.4739

Editor's Note

Decreased Admission Rate From the Emergency Department With Increased Emergency Department Visits —The Good and the Bad

Mitchell H. Katz, MD

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

JAMA Intern Med. 2018;178(12):1710-1711. doi:10.1001/jamainternmed.2018.5163

Continuing Problems With Financial Conflicts of Interest and Clinical Practice Guidelines

Colette DeJong, MD; Robert Steinbrook, MD

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

JAMA Intern Med. 2018;178(12):1715. doi:10.1001/jamainternmed.2018.4974

The Persistent Problem of Overuse of Diagnostic Testing Among House Staff—Time to Move Forward

Rita F. Redberg, MD, MSc

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

JAMA Intern Med. 2018;178(12):1721. doi:10.1001/jamainternmed.2018.3503

Regulating the Dietary Supplement Industry: The Taming of the Slew

Michael Incze, MD, MEd; Mitchell H. Katz, MD

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

JAMA Intern Med. 2018;178(12):1723. doi:10.1001/jamainternmed.2018.5097

Review

Reduced Salt Intake for Heart Failure: A Systematic Review

Kamal R. Mahtani, PhD; Carl Heneghan, DPhil; Igbo Onakpoya, DPhil; et al.

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

JAMA Intern Med. 2018;178(12):1693-1700. doi:10.1001/jamainternmed.2018.4673

This systematic review assessed the evidence suggesting that reduced dietary salt intake benefits patients with heart failure in randomized clinical trials.

Teachable Moment

Less Is More

Inappropriate Use of Fecal Occult Blood Testing

Saroja Bangaru, MD; David Tang, MD; Deepak Agrawal, MD

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

JAMA Intern Med. 2018;178(12):1702-1703. doi:10.1001/jamainternmed.2018.5553

This Teachable Moment describes the case of a 58-year-old man with bilateral knee osteoarthritis who presented to the emergency department with 1 week of dizziness and intermittent dark stools.

Challenges in Clinical Electrocardiography

Electrical Alternans in Disguise—A Curious Case of Atrial Flutter

Emily R. Cedarbaum, MD; Arun Padmanabhan, MD, PhD; Nora Goldschlager, MD

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

JAMA Intern Med. 2018;178(12):1704-1705. doi:10.1001/jamainternmed.2018.5291

This case report describes the occurrence of atrial flutter presenting on an electrocardiogram as electrical alternans.

Research Letter

Financial Burden of Employer-Sponsored High-Deductible Health Plans for Low-Income Adults With Chronic Health Conditions

Salam Abdus, PhD; Patricia S. Keenan, PhD

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

JAMA Intern Med. 2018;178(12):1706-1708. doi:10.1001/jamainternmed.2018.4706

This cohort study examines the prevalence of high out-of-pocket health care spending across health plans with different deductible levels among adults in low-income families who have chronic conditions.

Trends in Emergency Department Visits and Admission Rates Among US Acute Care Hospitals

Michelle P. Lin, MD, MPH, MS; Olesya Baker, PhD; Lynne D. Richardson, MD; et al.

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

JAMA Intern Med. 2018;178(12):1708-1710. doi:10.1001/jamainternmed.2018.4725

This observational study describes trends in emergency department visits and admission rates among US acute care hospitals using data from the National Emergency Department Survey.

[Editor's Note](#)

Decreased Admission Rate From the Emergency Department With Increased Emergency Department Visits—The Good and the Bad

Mitchell H. Katz, MD

Health Care Policy and Law

Evaluation of Industry Relationships Among Authors of Clinical Practice Guidelines in Gastroenterology

Tyler R. Combs, BS; Jared Scott, BS; Austin Jorski, BS; et al.

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

JAMA Intern Med. 2018;178(12):1711-1712. doi:10.1001/jamainternmed.2018.4730

This study examines the prevalence of conflicts of interest among authors of clinical practice guidelines and failure to accurately report financial relationships among authors and industry.

[Editor's Note](#)

Continuing Problems With Financial Conflicts of Interest and Clinical Practice Guidelines

Colette DeJong, MD; Robert Steinbrook, MD

Prevalence of Financial Conflicts of Interest Among Authors of Clinical Guidelines Related to High-Revenue Medications

Rishad Khan, BSc; Michael A. Scaffidi, MEd; Amir Rumman, MD, FRCPC; et al.

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

JAMA Intern Med. 2018;178(12):1712-1715. doi:10.1001/jamainternmed.2018.5106

This study examines the presence and extent of undeclared financial conflicts of interest among authors of clinical practice guidelines related to high-revenue medications.

[Editor's Note](#)

Continuing Problems With Financial Conflicts of Interest and Clinical Practice Guidelines

Colette DeJong, MD; Robert Steinbrook, MD

Health Care Policy and Law

Characteristics of Hospitals Exiting the Newly Voluntary Comprehensive Care for Joint Replacement Program

Hyunjee Kim, PhD; Thomas H. A. Meath, MPH; Jenny I. Grunditz, MSc; et al.

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

JAMA Intern Med. 2018;178(12):1715-1717. doi:10.1001/jamainternmed.2018.4743

This survey of Medicare claims data compares the medical and financial performance of hospitals that exited and hospitals that remained in the Comprehensive Care for Joint Replacement Program.

Less Is More

Analysis of Diagnostic Test Ordering Habits Among Internal Medicine Residents

Joshua D. Geleris, MD; George Shih, MD; Lia Logio, MD

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

JAMA Intern Med. 2018;178(12):1719-1721. doi:10.1001/jamainternmed.2018.3519

This study analyzes electronic diagnostic test ordering habits of internal medicine resident physicians at an academic medical center and during academic year 2016-2017.

[Editor's Note](#)

The Persistent Problem of Overuse of Diagnostic Testing Among House Staff—Time to Move Forward

Rita F. Redberg, MD, MSc

Prohibited Stimulants in Dietary Supplements After Enforcement Action by the US Food and Drug Administration

Pieter A. Cohen, MD; Anita Wen, BS; Roy Gerona, PhD

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

JAMA Intern Med. 2018;178(12):1721-1723. doi:10.1001/jamainternmed.2018.4846

This analysis of dietary supplements purchased in 2014 and purchased again in 2017 examines whether stimulants that were initially present were still present after issuance of public notices by the US Food and Drug Administration to remove potentially hazardous ingredients.

Invited Commentary

The FDA and Adulterated Supplements—Dereliction of Duty

Pieter A. Cohen, MD

Editor's Note

Regulating the Dietary Supplement Industry: The Taming of the Slew

Michael Incze, MD, MEd; Mitchell H. Katz, MD

Comment & Response

The Alleged Health-Protective Effects of Coffee

Jack E. James, PhD

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

JAMA Intern Med. 2018;178(12):1723-1724. doi:10.1001/jamainternmed.2018.5798

The Alleged Health-Protective Effects of Coffee

Bibiana García-Bailo, PhD; Nanci Guest, RD, MSc; Ahmed El-Sohemy, PhD

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

JAMA Intern Med. 2018;178(12):1724-1725. doi:10.1001/jamainternmed.2018.5807

The Alleged Health-Protective Effects of Coffee

Ang Zhou, PhD; Elina Hyppönen, PhD

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

JAMA Intern Med. 2018;178(12):1725. doi:10.1001/jamainternmed.2018.5810

The Alleged Health-Protective Effects of Coffee

Ming Zhou, MD; Zhen Zhou, MD

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

JAMA Intern Med. 2018;178(12):1725-1726. doi:10.1001/jamainternmed.2018.6071

The Alleged Health-Protective Effects of Coffee—Reply

Erikka Loftfield, PhD, MPH; Barry I. Graubard, PhD; Neal D. Freedman, PhD, MPH

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

JAMA Intern Med. 2018;178(12):1726. doi:10.1001/jamainternmed.2018.6545

The Alleged Health-Protective Effects of Coffee—Reply

Erikka Loftfield, PhD; Marilyn C. Cornelis, PhD; Neal D. Freedman, PhD

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

JAMA Intern Med. 2018;178(12):1726-1727. doi:10.1001/jamainternmed.2018.5795

Poor Sleep in Hospitalized Patients: Are Hospital-Related Factors at Fault?

Nicole Quah Qin Xian, BSc (Hons); Wan Wei Ang, BSc (Hons); Shanxi A. Jen, BSc (Hons)

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

JAMA Intern Med. 2018;178(12):1727-1728. doi:10.1001/jamainternmed.2018.6152

Invited Commentary

Minimizing Sleep Disruption for Hospitalized Patients: A Wake-up Call

Matthew E. Growdon, MD, MPH; Sharon K. Inouye, MD, MPH

Poor Sleep in Hospitalized Patients: Are Hospital-Related Factors at Fault?—Reply

Eva S. van den Ende, MD; Frank H. Bosch, MD, PhD; Prabath W. B. Nanayakkara, MD, PhD, FRCP

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

JAMA Intern Med. 2018;178(12):1728-1729. doi:10.1001/jamainternmed.2018.6159

Invited Commentary

Minimizing Sleep Disruption for Hospitalized Patients: A Wake-up Call

Matthew E. Growdon, MD, MPH; Sharon K. Inouye, MD, MPH

Discharge Home From Critical Care: Comparing Different Health Care Systems

Ashraf Roshdy, MBBch, MSc, PhD, FRCP(Edin); Jayachandran Radhakrishnan, MBBS, MD, FRCA, DPhil, FFICM; Kevin Kiff, MBBS, MRCP, FRCA, FFICM

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

JAMA Intern Med. 2018;178(12):1729. doi:10.1001/jamainternmed.2018.6533

Invited Commentary

The Complexity and Challenges of Intensive Care Unit Admissions and Discharges: Similarities With All Hospitalized Patients

Kyan Safavi, MD, MBA; Jeanine Wiener-Kronish, MD; Dusan Hanidziar, MD, PhD

Discharge Home From Critical Care: Comparing Different

Healthcare Systems—Reply

Henry T. Stelfox, MD, PhD; Daniel J. Niven, MD, PhD; Kirsten M. Fiest, PhD

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

JAMA Intern Med. 2018;178(12):1729-1730. doi:10.1001/jamainternmed.2018.6548

Invited Commentary

The Complexity and Challenges of Intensive Care Unit Admissions and Discharges: Similarities With All Hospitalized Patients

Kyan Safavi, MD, MBA; Jeanine Wiener-Kronish, MD; Dusan Hanidziar, MD, PhD

Updated Disclosure Statement for Invited Commentary

Frank B. Hu, MD, PhD

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JAMA Intern Med. 2018;178(12):1730. doi:10.1001/jamainternmed.2018.7330

Protocol Deviations, Reanalyses, and Corrections to Derivative Studies of the PREDIMED Trial

Miguel A. Martínez-González, MD, PhD

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

JAMA Intern Med. 2018;178(12):1730-1731. doi:10.1001/jamainternmed.2018.6456

Correction

Updated Disclosure Statement for Invited Commentary

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

☐ *JAMA Intern Med.* 2018;178(12):1731. doi:10.1001/jamainternmed.2018.7305

Protocol Deviations and Reanalyses in Derivative Studies of the PREDIMED Trial

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

☐ *JAMA Intern Med.* 2018;178(12):1731-1732. doi:10.1001/jamainternmed.2018.6460

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☐ *JAMA Intern Med.* 2018;178(12):1732. doi:10.1001/jamainternmed.2018.5747

Incorrect Colors in Figure Keys

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

☐ *JAMA Intern Med.* 2018;178(12):1732. doi:10.1001/jamainternmed.2018.6618

Rewording of Conclusions and Corrected Data in Table 1

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

☐ *JAMA Intern Med.* 2018;178(12):1732. doi:10.1001/jamainternmed.2018.6902

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☐ *JAMA Intern Med.* 2018;178(12):1732. doi:10.1001/jamainternmed.2018.7341

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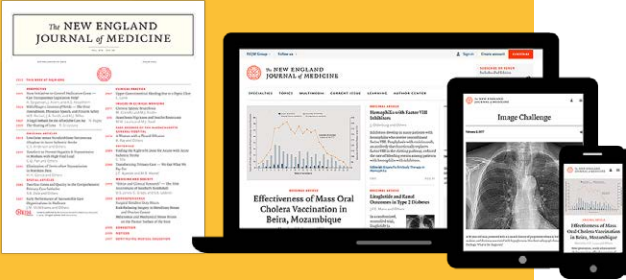
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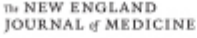
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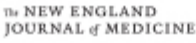
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Abortion: Original Research

Quality of Information Available Online for Abortion Self-Referral

Dodge, Laura E.; Phillips, Sharon J.; Neo, Dayna T.; [More](#)
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Induced Abortion in a Population Entitled to Free-of-Charge Long-Acting Reversible Contraception

Gyllenberg, Frida K.; Saloranta, Tuire H.; But, Anna; [More](#)
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Obstetrics & Gynecology. 132(6):1469-1470, December 2018.

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Pak, Janie O.; Durfee, John Keyes; Pedro, Lucio; [More](#)
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Klebanoff, Mark A.
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Weinberger, James M.; Houman, Justin; Caron, Ashley T.; [More](#)
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Levy, Barbara S.
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Cervical Pessary Compared With Vaginal Progesterone for Preventing Early Preterm Birth: A Randomized Controlled Trial: Correction

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ACOG Committee Opinion No. 760 Summary: Dysmenorrhea and Endometriosis in the Adolescent

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Articles

☐ The Prevalence of Parent-Reported Autism Spectrum Disorder Among US Children

Michael D. Kogan, Catherine J. Vladutiu, Laura A. Schieve, Reem M. Ghandour, Stephen J. Blumberg, Benjamin Zablotzky, James M. Perrin, Paul Shattuck, Karen A. Kuhlthau, Robin L. Harwood, Michael C. Lu
Pediatrics Dec 2018, 142 (6) e20174161; **DOI:** 10.1542/peds.2017-4161

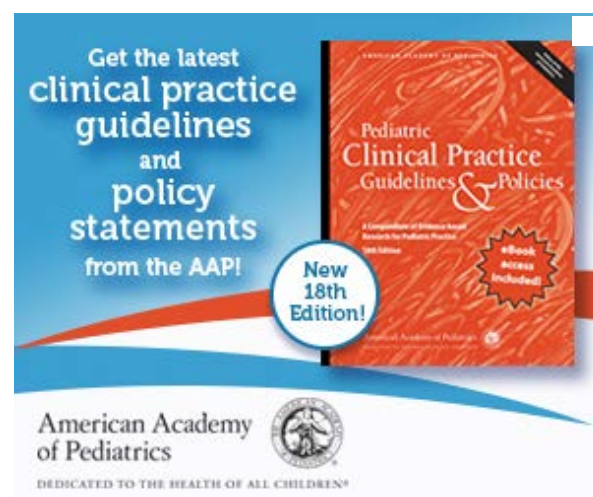
From the 2016 NSCH, an estimated 1.5 million US children aged 3 to 17 years (2.50%) had ever received an ASD diagnosis and currently had the condition.

☐ [PDF](#)

☐ The Public Health Impact of Parent-Reported Childhood Food Allergies in the United States

Ruchi S. Gupta, Christopher M. Warren, Bridget M. Smith, Jesse A. Blumenstock, Jialing Jiang, Matthew M. Davis, Kari C. Nadeau
Pediatrics Dec 2018, 142 (6) e20181235; **DOI:** 10.1542/peds.2018-1235

A 2015–2016 population-based, cross-sectional survey was administered to a sample of US households to estimate current FA prevalence, severity, and health care use.



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□ Risk Stratification of Febrile Infants ≤ 60 Days Old Without Routine Lumbar Puncture

Paul L. Aronson, Marie E. Wang, Eugene D. Shapiro, Samir S. Shah, Adrienne G. DePorre, Russell J. McCulloh, Christopher M. Pruitt, Sanyukta Desai, Lise E. Nigrovic, Richard D. Marble, Rianna C. Leazer, Sahar N. Rooholamini, Laura F. Sartori, Fran Balamuth, Christopher Woll, Mark I. Neuman, for the Febrile Young Infant Research Collaborative

Pediatrics Dec 2018, 142 (6) e20181879; **DOI:** 10.1542/peds.2018-1879

In this multicenter study, we evaluate the performance characteristics of the Rochester and modified Philadelphia criteria for risk stratification of febrile infants with bacteremia and/or bacterial meningitis.

[□ PDF](#)

□ Intellectual Disability in Children Conceived Using Assisted Reproductive Technology

Michele Hansen, Kathryn R. Greenop, Jenny Bourke, Gareth Baynam, Roger J. Hart, Helen Leonard

Pediatrics Dec 2018, 142 (6) e20181269; **DOI:** 10.1542/peds.2018-1269

Children born after ART have a small increased risk of ID; risks are higher for ICSI-conceived births and those born very preterm.

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□ Neurodevelopmental Outcomes in Infants With Birth Weight ≤ 500 g at 3 Years of Age

Hirosuke Inoue, Masayuki Ochiai, Yasunari Sakai, Kazuaki Yasuoka, Koichi Tanaka, Masako Ichiyama, Hiroaki Kurata, Junko Fujiyoshi, Yuki Matsushita, Satoshi Honjo, Kazuaki Nonaka, Tomoaki Taguchi, Kiyoko Kato, Shouichi Ohga, on behalf of the Neonatal Research Network of Japan

Pediatrics Dec 2018, 142 (6) e20174286; **DOI:** 10.1542/peds.2017-4286

We investigate the neurodevelopmental outcomes in early childhood among surviving infants born with a BW of ≤ 500 g from 2003 to 2012.

[□ PDF](#)

□ E-cigarette Use and Subsequent Smoking Frequency Among Adolescents

Jessica L. Barrington-Trimis, Grace Kong, Adam M. Leventhal, Feifei Liu, Margaret Mayer, Tess Boley Cruz, Suchitra Krishnan-Sarin, Rob McConnell

Pediatrics Dec 2018, 142 (6) e20180486; **DOI:** 10.1542/peds.2018-0486

Among cigarette initiators, e-cigarette users and nonusers had similar patterns of transition to more frequent cigarette use; however, cigarette or dual product users rarely transitioned to exclusive e-cigarette use or

nonuse.

[PDF](#)

[Tobacco Product Harm Perceptions and New Use](#)

Maria A. Parker, Andrea C. Villanti, Amanda J. Quisenberry, Cassandra A. Stanton, Nathan J. Doogan, Ryan Redner, Diann E. Gaalema, Allison N. Kurti, Tyler Nighbor, Megan E. Roberts, Antonio Cepeda-Benito, Stephen T. Higgins
Pediatrics Dec 2018, 142 (6) e20181505; **DOI:** 10.1542/peds.2018-1505

We examine tobacco product harm perceptions in youth at wave 1 of a national longitudinal study and evaluate new tobacco product use at wave 2.

[PDF](#)

[Delivery Room Management of Meconium-Stained Newborns and Respiratory Support](#)

Arpitha Chiruvolu, Kimberly K. Miklis, Elena Chen, Barbara Petrey, Sujata Desai
Pediatrics Dec 2018, 142 (6) e20181485; **DOI:** 10.1542/peds.2018-1485

In this multicenter cohort study, we compare previous and current NRP guidelines for delivery room management of nonvigorous newborns born through MSAF.

[PDF](#)

[Adherence of Newborn-Specific Antibiotic Stewardship Programs to CDC Recommendations](#)

Timmy Ho, Madge E. Buus-Frank, Erika M. Edwards, Kate A. Morrow, Karla Ferrelli, Arjun Srinivasan, Daniel A. Pollock, Dmitry Dukhovny, John A.F. Zupancic, DeWayne M. Pursley, Roger F. Soll, Jeffrey D. Horbar
Pediatrics Dec 2018, 142 (6) e20174322; **DOI:** 10.1542/peds.2017-4322

In this cross-sectional study of neonatal antibiotic usage, we identify the baseline prevalence of ASPs in the newborn setting.

[PDF](#)

[Uninterrupted Infant Sleep, Development, and Maternal Mood](#)

Marie-Hélène Pennestri, Christine Laganière, Andrée-Anne Bouvette-Turcot, Irina Pokhvisneva, Meir Steiner, Michael J. Meaney, Hélène Gaudreau, on behalf of the Mavan Research Team
Pediatrics Dec 2018, 142 (6) e20174330; **DOI:** 10.1542/peds.2017-4330

A high percentage of infants do not sleep through the night, and this behavior is not associated with development or maternal mood in early infancy.

[□ PDF](#)

□ Access to the Medical Home Among Children With and Without Special Health Care Needs

Jesse C. Lichstein, Reem M. Ghandour, Marie Y. Mann

Pediatrics Dec 2018, 142 (6) e20181795; DOI: 10.1542/peds.2018-1795

In this study, we use the redesigned 2016 NSCH to present the latest estimates of access to the medical home.

[□ PDF](#)

□ Early Antibiotic Exposure and Weight Outcomes in Young Children

Jason P. Block, L. Charles Bailey, Matthew W. Gillman, Doug Lunsford, Matthew F. Daley, Ihuoma Eneli, Jonathan Finkelstein, William Heerman, Casie E. Horgan, Daniel S. Hsia, Melanie Jay, Goutham Rao, Juliane S. Reynolds, Sheryl L. Rifas-Shiman, Jessica L. Sturtevant, Sengwee Toh, Leonardo Trasande, Jessica Young, Christopher B. Forrest, on behalf of the PCORnet Antibiotics and Childhood Growth Study Group

Pediatrics Dec 2018, 142 (6) e20180290; DOI: 10.1542/peds.2018-0290

In this study, we used data from a large, diverse, multi-institutional national research network to examine the association of early-life antibiotic use on children's weight.

[□ PDF](#)

□ Screening for Iron Deficiency in Early Childhood Using Serum Ferritin in the Primary Care Setting

Hannah Oatley, Cornelia M. Borkhoff, Shiyi Chen, Colin Macarthur, Navindra Persaud, Catherine S. Birken, Jonathon L. Maguire, Patricia C. Parkin, on behalf of the TARGet Kids! Collaboration

Pediatrics Dec 2018, 142 (6) e20182095; DOI: 10.1542/peds.2018-2095

In children 1 to 3 years old screened in primary care, serum ferritin was lowest between 15 and 24 months, and hemoglobin did not change significantly.

[□ PDF](#)

□ Being Overweight or Obese and the Development of Asthma

Jason E. Lang, H. Timothy Bunnell, Md Jobayer Hossain, Tim Wysocki, John J. Lima, Terri H. Finkel, Leonard Bacharier, Amanda Dempsey, Lisa Sarzynski, Matthew Test, Christopher B. Forrest

Pediatrics Dec 2018, 142 (6) e20182119; DOI: 10.1542/peds.2018-2119

In this study, we use the PEDSnet clinical data research network to measure the excess risk that overweight and obesity status contribute to new asthma cases in US children.

[□ PDF](#)

☐ A Prediction Model to Determine Childhood Epilepsy After 1 or More Paroxysmal Events

Eric van Diessen, Herm J. Lamberink, Willem M. Otte, Nynke Doornebal, Oebele F. Brouwer, Floor E. Jansen, Kees P.J. Braun
Pediatrics Dec 2018, 142 (6) e20180931; **DOI:** 10.1542/peds.2018-0931

A prediction model was made to reliably determine the risk of childhood epilepsy with clinical and EEG data available at first consultation.

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☐ Maternal Intellectual or Developmental Disability and Newborn Discharge to Protective Services

Hilary K. Brown, Lynne A. Potvin, Yona Lunskey, Simone N. Vigod
Pediatrics Dec 2018, 142 (6) e20181416; **DOI:** 10.1542/peds.2018-1416

With this population-based study, we estimate and compare rates of discharge to child protective services among newborns of women with and without IDD.

☐ [PDF](#)

☐ Neonatal Outcomes of Very Preterm or Very Low Birth Weight Triplets

Prakesh S. Shah, Satoshi Kusuda, Stellan Håkansson, Brian Reichman, Kei Lui, Liisa Lehtonen, Neena Modi, Maximo Vento, Mark Adams, Franca Rusconi, Mikael Norman, Brian A. Darlow, Abhay Lodha, Junmin Yang, Dirk Bassler, Kjell K. Helenius, Tetsuya Isayama, Shoo K. Lee, on behalf of the International Network for Evaluation of Outcomes (iNEO) in Neonates Investigators
Pediatrics Dec 2018, 142 (6) e20181938; **DOI:** 10.1542/peds.2018-1938

The analysis of 6079 triplets and 18 232 matched singletons from an international cohort revealed that neonatal outcomes for triplets were similar to singletons.

☐ [PDF](#)

☐ Child BMI Over Time and Parent-Perceived Overweight

Melissa Wake, Jessica A. Kerr, Pauline W. Jansen
Pediatrics Dec 2018, 142 (6) e20173985; **DOI:** 10.1542/peds.2017-3985

Cause or consequence: in this 2-cohort population study, we tease out whether parental perception of child overweight precedes or follows higher BMI in children from age 2 to 15 years.

☐ [PDF](#)

☐ Marijuana and Tobacco Coexposure in Hospitalized

Children

Karen M. Wilson, Michelle R. Torok, Binnian Wei, Lanqing Wang,
Michelle Lowary, Benjamin C. Blount
Pediatrics Dec 2018, 142 (6) e20180820; **DOI:** 10.1542/peds.2018-0820

We studied children who were hospitalized and had tobacco-smoking parents by testing their urine for metabolites of marijuana and found that 46% had exposure to marijuana smoke.

[PDF](#)

Online Family Problem-solving Treatment for Pediatric Traumatic Brain Injury

Shari L. Wade, Eloise E. Kaizar, Megan Narad, Huaiyu Zang, Brad G. Kurowski, Keith Owen Yeates, H. Gerry Taylor, Nanhua Zhang
Pediatrics Dec 2018, 142 (6) e20180422; **DOI:** 10.1542/peds.2018-0422

In this innovative individual participant data meta-analysis, we examine whether OFPST is more effective in improving behavioral problems after TBI as the time since injury increases.

[PDF](#)

Sex Differences in Mortality and Morbidity of Infants Born at Less Than 30 Weeks' Gestation

Nansi S. Boghossian, Marco Geraci, Erika M. Edwards, Jeffrey D. Horbar
Pediatrics Dec 2018, 142 (6) e20182352; **DOI:** 10.1542/peds.2018-2352

Male infants born at 22 to 29 weeks between 2006 and 2016 experienced faster declines than female infants in mortality, RDS, and CLD.

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The Value of State Differences in Autism When Compared to a National Prevalence Estimate

Sarabeth Broder-Fingert, Christopher R. Sheldrick, Michael Silverstein
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Pediatrics Dec 2018, 142 (6) e20182861; **DOI:** 10.1542/peds.2018-2861

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Molly Fuentes, Tumaini R. Coker

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[Is There a Causal Link Between Antibiotic Exposure During Infancy and Risk for Obesity?](#)

Antti Saari, Ulla Sankilampi

Pediatrics Dec 2018, 142 (6) e20182692; DOI: 10.1542/peds.2018-2692

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Pediatrics Dec 2018, 142 (6) e20183068; DOI: 10.1542/peds.2018-3068

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Parminder S. Suchdev, Cynthia R. Howard, SECTION ON

INTERNATIONAL CHILD HEALTH

Pediatrics Dec 2018, 142 (6) e20182997; **DOI:** 10.1542/peds.2018-2997

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Robert D. Sege, Benjamin S. Siegel, COUNCIL ON CHILD ABUSE AND NEGLECT, COMMITTEE ON PSYCHOSOCIAL ASPECTS OF CHILD AND FAMILY HEALTH

Pediatrics Dec 2018, 142 (6) e20183112; **DOI:** 10.1542/peds.2018-3112

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[Targeted Reforms in Health Care Financing to Improve the Care of Adolescents and Young Adults](#)

Arik V. Marcell, Cora C. Breuner, Lawrence Hammer, Mark L. Hudak, COMMITTEE ON ADOLESCENCE, COMMITTEE ON CHILD HEALTH FINANCING

Pediatrics Dec 2018, 142 (6) e20182998; **DOI:** 10.1542/peds.2018-2998

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Pediatrics Dec 2018, 142 (6) e20182586; **DOI:** 10.1542/peds.2018-2586

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Jerome A. Paulson, COUNCIL ON ENVIRONMENTAL HEALTH

Pediatrics Dec 2018, 142 (6) e20183000; **DOI:** 10.1542/peds.2018-3000

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Martha S. Linet, Ziad Kazzi, Jerome A. Paulson, COUNCIL ON ENVIRONMENTAL HEALTH

Pediatrics Dec 2018, 142 (6) e20183001; **DOI:** 10.1542/peds.2018-3001

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Walter M. Fierson, AMERICAN ACADEMY OF PEDIATRICS Section on Ophthalmology, AMERICAN ACADEMY OF OPHTHALMOLOGY, AMERICAN ASSOCIATION FOR PEDIATRIC OPHTHALMOLOGY AND STRABISMUS, AMERICAN ASSOCIATION OF CERTIFIED ORTHOPTISTS

Pediatrics Dec 2018, 142 (6) e20183061; DOI: 10.1542/peds.2018-3061

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Clinical Practice Guideline: Maintenance Intravenous Fluids in Children

Leonard G. Feld, Daniel R. Neuspiel, Byron A. Foster, Michael G. Leu, Matthew D. Garber, Kelly Austin, Rajit K. Basu, Edward E. Conway, James J. Fehr, Clare Hawkins, Ron L. Kaplan, Echo V. Rowe, Muhammad Waseem, Michael L. Moritz, SUBCOMMITTEE ON FLUID AND ELECTROLYTE THERAPY

Pediatrics Dec 2018, 142 (6) e20183083; DOI: 10.1542/peds.2018-3083

[PDF](#)

Sport-Related Concussion in Children and Adolescents

Mark E. Halstead, Kevin D. Walter, Kody Moffatt, COUNCIL ON SPORTS MEDICINE AND FITNESS

Pediatrics Dec 2018, 142 (6) e20183074; DOI: 10.1542/peds.2018-3074

[PDF](#)

Management of Neonates Born at ≥ 35 0/7 Weeks' Gestation With Suspected or Proven Early-Onset Bacterial Sepsis

Karen M. Puopolo, William E. Benitz, Theoklis E. Zaoutis, COMMITTEE ON FETUS AND NEWBORN, COMMITTEE ON INFECTIOUS DISEASES

Pediatrics Dec 2018, 142 (6) e20182894; DOI: 10.1542/peds.2018-2894

[PDF](#)

Management of Neonates Born at ≤ 34 6/7 Weeks' Gestation With Suspected or Proven Early-Onset Bacterial Sepsis

Karen M. Puopolo, William E. Benitz, Theoklis E. Zaoutis, COMMITTEE ON FETUS AND NEWBORN, COMMITTEE ON INFECTIOUS DISEASES

Pediatrics Dec 2018, 142 (6) e20182896; DOI: 10.1542/peds.2018-2896

[PDF](#)

Revised American Thyroid Association Guidelines for the Management of Medullary Thyroid Carcinoma

Pediatrics Dec 2018, 142 (6) e20183062; DOI: 10.1542/peds.2018-3062

[PDF](#)

□ Management Guidelines for Children With Thyroid Nodules and Differentiated Thyroid Cancer

Pediatrics Dec 2018, 142 (6) e20183063; DOI: 10.1542/peds.2018-3063

□ [PDF](#)

Pediatrics Perspectives

□ Separated and Sick: An Immigrant Child's Traumatic Experience of Illness and Recovery

Annie Morrison, Karla Fredricks, Neeraj Agrawal

Pediatrics Dec 2018, 142 (6) e20182284; DOI: 10.1542/peds.2018-2284

□ [PDF](#)

□ Getting Over Our Inpatient Oral Antibiotic Aversion

Matthew P. Kronman, Adam L. Hersh, Jason G. Newland, Jeffrey S. Gerber

Pediatrics Dec 2018, 142 (6) e20181634; DOI: 10.1542/peds.2018-1634

□ [PDF](#)

□ Replacing the “Word Gap” With Nonstigmatizing Approaches to Early Literacy and Language Building

Mical Raz, Barbara R. Beatty

Pediatrics Dec 2018, 142 (6) e20181992; DOI: 10.1542/peds.2018-1992

□ [PDF](#)

Family Partnerships

□ A Collaborative Approach to Improving Health Care for Children With Developmental Disabilities

Melissa Liddle, Kerri Birkett, Annette Bonjour, Kimberly Risma

Pediatrics Dec 2018, 142 (6) e20181136; DOI: 10.1542/peds.2018-1136

We describe an individualized approach to health care for children with developmental disabilities that facilitates less traumatic and more productive visits through collaboration between parents and staff.

□ [PDF](#)

Monthly Features

□ The World Was Not Built for Us: Improving Access to Care for Transgender Youth

Sarah M. Bernstein, Holly C. Lewis

Pediatrics Dec 2018, 142 (6) e20182781; DOI: 10.1542/peds.2018-2781

□ [PDF](#)

□ Minister to Their Instruction: Revisiting the Minister-Vaccinator Rowland Hill

Joshua T.B. Williams, Abraham M. Nussbaum

Pediatrics Dec 2018, 142 (6) e20181021; **DOI:** 10.1542/peds.2018-1021

Rowland Hill was a 19th century Methodist minister-vaccinator whose legacy challenges the popular conflict narrative between science and religion.

□ [PDF](#)

State-of-the-Art Review Article

□ Ethical Issues in Gender-Affirming Care for Youth

Laura L. Kimberly, Kelly McBride Folkers, Phoebe Friesen, Darren Sultan, Gwendolyn P. Quinn, Alison Bateman-House, Brendan Parent, Craig Konnoth, Aron Janssen, Lesha D. Shah, Rachel Bluebond-Langner, Caroline Salas-Humara

Pediatrics Dec 2018, 142 (6) e20181537; **DOI:** 10.1542/peds.2018-1537

In this review, we identify and assess the ethical issues associated with providing gender-affirming care to TGNC youth.

□ [PDF](#)

Special Articles

□ MOCA-Peds: Development of a New Assessment of Medical Knowledge for Continuing Certification

Laurel K. Leslie, Murrey G. Olmsted, Adam Turner, Carol Carraccio, Andrew Dwyer, Linda Althouse

Pediatrics Dec 2018, 142 (6) e20181428; **DOI:** 10.1542/peds.2018-1428

In this article, we describe the development during 2015–2016 of MOCA-Peds, an alternative assessment for continuing certification in General Pediatrics.

□ [PDF](#)

Ethics Rounds

□ Child Abuse, Incarceration, and Decisions About Life-sustaining Treatment

Paul C. Mann, Elliott Mark Weiss, Rebecca R. Seltzer, Rachel A.B. Dodge, Renee D. Boss, John D. Lantos

Pediatrics Dec 2018, 142 (6) e20180430; **DOI:** 10.1542/peds.2018-0430

Doctors wonder whether a mother who is jailed for child abuse should participate in decisions about withdrawing life support.

[□ PDF](#)

□ When Parents Have Misunderstandings About the Risks and Benefits of Palliative Surgery

Berklee Robins, Adam Booser, John D. Lantos

Pediatrics Dec 2018, 142 (6) e20180482; DOI: 10.1542/peds.2018-0482

An anesthesiologist experiences moral distress when he realizes that the parents do not understand the full implications of an operation for their child that they have already agreed to.

[□ PDF](#)

Quality Reports

□ Improving Emergency Department Care for Pediatric Victims of Sexual Abuse

Erin F. Hoehn, Kevin M. Overmann, Nafeh Fananapazir, Kirsten Simonton, Kathi L. Makoroff, Berkeley L. Bennett, Elena M. Duma, Eileen Murtagh Kurowski

Pediatrics Dec 2018, 142 (6) e20181811; DOI: 10.1542/peds.2018-1811

A quality improvement project was used to increase evidence-based care provided to the victims of sexual abuse in the PED.

[□ PDF](#)

□ Improving Timeliness of Medical Evaluations for Children Entering Foster Care

Lindsay G. Terrell, Asheley C. Skinner, Aditee P. Narayan

Pediatrics Dec 2018, 142 (6) e20180725; DOI: 10.1542/peds.2018-0725

We present an academic, community quality improvement collaborative that was focused on improving the TIE for children in Durham County.

[□ PDF](#)

Case Reports

□ Neonatal Abstinence Syndrome Due to Maternal Kratom Use

Whitney B. Eldridge, Cherie Foster, Lance Wyble

Pediatrics Dec 2018, 142 (6) e20181839; DOI: 10.1542/peds.2018-1839

We describe a common pediatric presentation, NAS, due to an underrecognized but increasingly used herbal opioid-like supplement, Kratom.

[□ PDF](#)

□ [Diagnosis of Attenuated Mucopolysaccharidosis VI: Clinical, Biochemical, and Genetic Pitfalls](#)

Filippo Pinto e Vairo, Erin Conboy, Carolina Fischinger Moura de Souza, Amie Jones, Sarah S. Barnett, Eric W. Klee, Brendan C. Lanpher
Pediatrics Dec 2018, 142 (6) e20180658; DOI: 10.1542/peds.2018-0658

Attenuated MPS VI is a disorder that is difficult to diagnose; however, treatment can be lifesaving.

□ [PDF](#)

□ [Repeated Percutaneous Treatment of Massive Hepatic Cystic Echinococcosis in a Child](#)

Mirjana Balen Topić, Tomislava Skuhala, Boško Desnica, Klaudija Višković, Martin Drinković
Pediatrics Dec 2018, 142 (6) e20181254; DOI: 10.1542/peds.2018-1254

We report the efficacy and good tolerability of RFT, PAIR, and prolonged albendazole therapy in the treatment of superficial and deep-liver CE in a child.

□ [PDF](#)

Errata

□ [Bold KW, Kong G, Cavallo DA, Camenga DR, Krishnan-Sarin S. Reasons for Trying E-cigarettes and Risk of Continued Use. *Pediatrics*. 2016;138\(3\):e20160895](#)

Pediatrics Dec 2018, 142 (6) e20182792; DOI: 10.1542/peds.2018-2792

□ [PDF](#)



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