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83 Successful treatment of intraamniotic infection/inflammation: a paradigm shift

Michael G. Gravett

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EXPERT REVIEWS

86 Assessing research gaps and unmet needs in endometriosis

Sawsan As-Sanie; Rebecca Black; Linda C. Giudice; Tanika Gray Valbrun; Jhumka Gupta; Brittany Jones; Marc R. Laufer; Alexandra T. Milspaw; Stacey A. Missmer; Abby Norman; Robert N. Taylor; Kedra Wallace; Zev Williams; Paul J. Yong; Rebecca A. Nebel

A Society for Women's Health Research working group reviews the latest research on endometriosis and identifies areas of need to improve diagnosis, treatment, and access to quality care.

SYSTEMATIC REVIEWS

95 Two-dose versus single-dose methotrexate for treatment of ectopic pregnancy: a meta-analysis

Snigdha Alur-Gupta; Laura G. Cooney; Suneeta Senapati; Mary D. Sammel; Kurt T. Barnhart

The two-dose methotrexate protocol is superior to the single-dose protocol in the treatment of ectopic pregnancy, including in patients with high human chorionic gonadotropin (hCG) values or large adnexal mass.

(continued)

AJOG EPONYMS

Pap smear: 1941

Developing improved diagnostic tools for uterine cancer, especially in early stages, was imperative, noted George N. Papanicolaou, MD, and Herbert F. Traut, MD, at a March 1941 presentation to the New York Obstetrical Society, published in *AJOG* that August.¹

At Cornell University Medical College and New York Hospital, New York, NY, the authors had examined hundreds of vaginal smears from women with and without gynecologic disease. They concluded that "cells pathognomonic of cervical and fundal carcinoma can be definitely recognized" via tissue biopsy, praising their method's simplicity, convenience, and ability to track disease progress after surgery or x-ray.

Interpreting the smear posed a new challenge, requiring "the services of a careful and discriminating cytologist" with related experience. "Few persons can be depended upon for this work at the present time," they wrote; "however, if the method proves to be worthy of further development, as we expect it to be, then it will be possible in a relatively short time to provide the necessary facilities for instruction."

The full article is posted among "AJOG Eponyms" under the "Collections" tab at ajog.org. Illustrations include photographs of the original equipment.

REFERENCE

1. Papanicolaou GN, Traut HF. The diagnostic value of vaginal smears in carcinoma of the uterus. *Am J Obstet Gynecol* 1941;42:193-206.

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CLINICAL OPINION

109 Evidence in support of the International Association of Diabetes in Pregnancy study groups' criteria for diagnosing gestational diabetes mellitus worldwide in 2019



Moshe Hod; Anil Kapur; H. David McIntyre; for the FIGO Working Group on Hyperglycemia in Pregnancy and the FIGO Pregnancy and Prevention of early NCD Committee

Recent data from the Hyperglycemia and Adverse Pregnancy Outcome Follow Up study demonstrate clear long-term adverse maternal and offspring effects from mild hyperglycemia in pregnancy.

CALL TO ACTION

117 Better late than never: why obstetricians must implement enhanced recovery after cesarean



Alex Friedman Peahl; Roger Smith; Timothy R. B. Johnson; Daniel M. Morgan; Mark D. Pearlman

Enhanced protocols for recovery after cesarean improve care for women undergoing cesarean delivery and should be implemented to address current needs in obstetrics to improve perioperative care.

VIEWPOINT

123 Addressing the impact of opioids on women and children

Diana W. Bianchi; Matthew W. Gillman

Coordinated research efforts at NIH promise to help turn the tide against the opioid crisis by providing the necessary evidence to improve care for women and children.

ORIGINAL RESEARCH

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GYNECOLOGY

126 Neonatal and maternal outcome after frozen embryo transfer: Increased risks in programmed cycles

Erica Ginström Ernstad; Ulla-Britt Wennerholm; Ali Khatibi; Max Petzold; Christina Bergh

This registry study shows that pregnancies in programmed frozen embryo cycles present higher rates of macrosomia, hypertensive disorders in pregnancy, and postpartum hemorrhage.

128 Long-acting reversible contraceptive utilization after policy change increasing device reimbursement to wholesale acquisition cost in Louisiana

Melissa Goldin Evans; Stephanie Broyles; Brittni Frederiksen; Rebekah E. Gee; Stephen Phillippi; Melinda Sothorn; Katherine P. Theall; Joan Wightkin

This study demonstrated that long-acting reversible contraceptive uptake increased at the same time a provider's financial barrier to LARC provision was removed.

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130 Uncovering changes in proteomic signature of rat pelvic floor muscles in pregnancy

Lindsey A. Burnett; Francesca Sesillo Boscolo; Louise C. Laurent;
Michelle Wong; Marianna Alperin

Pregnancy alters protein expression in rat pelvic floor muscles, potentially increasing regenerative potential and changing muscle metabolism.

132 Delayed recognition of lower urinary tract injuries following hysterectomy for benign indications: A NSQIP-based study

C. Emi Bretschneider; Viviana Casas-Puig; David Sheyn; Adonis Hijaz;
Cecile A. Ferrando

Delayed recognition of lower urinary tract complications following hysterectomy may be higher in black patients and in patients with prior abdominal surgery or endometriosis.

134 Comparing the diagnostic accuracy of 3 ultrasound modalities for diagnosing obstetric anal sphincter injuries

Annika Taithongchai; Isabelle M. A. van Gruting; Ingrid Volløyhaug;
Linda P. Arendsen; Abdul H. Sultan; Raneer Thakar

Endoanal ultrasound imaging remains the reference standard for the diagnosis of sphincter defects; however, 3-dimensional introital or transperineal ultrasound imaging can screen for an intact sphincter when advice is being given about the mode of delivery in a subsequent pregnancy after obstetric sphincter injury.

136 Total and out-of-pocket costs of different primary management strategies in ovarian cancer

Rudy S. Suidan; Weiguo He; Charlotte C. Sun; Hui Zhao;
Jose Alejandro Rauh-Hain; Nicole D. Fleming; Karen H. Lu;
Sharon H. Giordano; Larissa A. Meyer

Costs of initial care in ovarian cancer vary across different treatment strategies, and patients bear a significant out-of-pocket burden, especially those enrolled in high-deductible plans.

138 Influence of metabolic syndrome on female fertility and in vitro fertilization outcomes in PCOS women

Yaqiong He; Yao Lu; Qingling Zhu; Yuan Wang; Steven R. Lindheim; Jia Qi;
Xiaoxue Li; Ying Ding; Yuhua Shi; Daimin Wei; Zi-jiang Chen; Yun Sun

Metabolic syndrome had adverse effects on female fertility and was negatively associated with cumulative live birth rate during in vitro fertilization treatment in women with polycystic ovary syndrome.

OBSTETRICS

140 Evidence that antibiotic administration is effective in the treatment of a subset of patients with intra-amniotic infection/inflammation presenting with cervical insufficiency

Kyung Joon Oh; Roberto Romero; Jee Yoon Park; JoonHo Lee;
Agustin Conde-Agudelo; Joon-Seok Hong; Bo Hyun Yoon

In patients presenting with cervical insufficiency and intra-amniotic infection/inflammation, antibiotic administration can eradicate the inflammatory process and be associated with improved pregnancy outcome.

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142 Antibiotic administration can eradicate intra-amniotic infection or intra-amniotic inflammation in a subset of patients with preterm labor and intact membranes



Bo Hyun Yoon; Roberto Romero; Jee Yoon Park; Kyung Joon Oh; JoonHo Lee; Agustin Conde-Agudelo; Joon-Seok Hong

Antibiotics can eradicate intra-amniotic infection/inflammation in preterm labor.



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144 Azithromycin vs erythromycin for the management of preterm premature rupture of membranes

Reshama Navathe; Corina N. Schoen; Paniz Heidari; Sophia Bachilova; Andrew Ward; Jared Tepper; Paul Visintainer; Matthew K. Hoffman; Stephen Smith; Vincenzo Berghella; Amanda Roman

Latency from preterm rupture of membranes to delivery is similar for antibiotic regimens including either azithromycin or erythromycin.

146 Visualization of microbes by 16S in situ hybridization in term and preterm placentas without intraamniotic infection



Maxim D. Seferovic; Ryan M. Pace; Matthew Carroll; Benjamin Belfort; Angela M. Major; Derrick M. Chu; Diana A. Racusin; Eumenia C. C. Castro; Kenneth L. Muldrew; James Versalovic; Kjersti M. Aagaard

Microbes are enumerated and visualized within the placental microanatomy by 16S in situ hybridization, and consistently localized to the villi and chorion. This report serves as the initial morphologic evidence demonstrating low-biomass microbial communities in the placental villous tree.

150 Is maternal lipid profile in early pregnancy associated with pregnancy complications and blood pressure in pregnancy and long term postpartum?

Maria C. Adank; Laura Benschop; Kelly R. Peterbroers; Anna M. Smak Gregoor; Alet W. Kors; Monique T. Mulder; Sarah Schalekamp-Timmermans; Jeanine E. Roeters Van Lennepe; Eric A. P. Steegers

An atherogenic lipid profile in early pregnancy is independently associated with preeclampsia and blood pressure throughout pregnancy but also with sustained hypertension long term postpartum.

152 Effect of antenatal dietary interventions in maternal obesity on pregnancy weight-gain and birthweight: Healthy Mums and Babies (HUMBA) randomized trial



Karaponi A. M. Okesene-Gafa; Minglan Li; Christopher J. D. McKinlay; Rennae S. Taylor; Elaine C. Rush; Clare R. Wall; Jess Wilson; Rinki Murphy; Rachael Taylor; John M. D. Thompson; Caroline A. Crowther; Lesley M. E. McCowan

In multiethnic, predominantly low socioeconomic pregnant women with obesity, a tailored dietary intervention and or probiotic capsules did not reduce excessive gestational weight gain or birthweight.

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- 154 Neonatal developmental and behavioral outcomes of immediate delivery versus expectant monitoring in mild hypertensive disorders of pregnancy: 2-year outcomes of the HYPITAT-II trial**
Eva F. Zwertbroek; Maureen T. M. Franssen; Kim Broekhuijsen; Josje Langenveld; Henk Bremer; Wessel Ganzevoort; Aren J. van Loon; Maria G. van Pampus; Robbert J. P. Rijnders; Marko J. Sikkema; Sicco A. Scherjon; Mallory D. Woiski; Ben W. J. Mol; Anneloes L. van Baar; Henk Groen; for the HYPITAT-II Study Group
Early delivery is associated with poorer neurodevelopment at age 2 years.

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- 156 Sources of support for and resistance to abortion training in obstetrics and gynecology residency programs**
Jema K. Turk; Uta Landy; Jessie Chien; Jody E. Steinauer
Significant barriers to integrating abortion training into residents' schedules continue to exist after mandated training in 1995 for the majority of obstetrics and gynecology residency programs.

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- 158 Red plaques and tumors on the vulva**
Chao Wu
A woman presented with asymptomatic progressive red plaques and tumors on the vulva. A diagnosis of langerhans cell histiocytosis was established after histopathological examination.

- 159 Resolution of intra-amniotic sludge after antibiotic administration in a patient with short cervix and recurrent mid-trimester loss**
Cheryl Dinglas; Martin Chavez; Anthony Vintzileos



Antibiotic administration after cerclage resolved intra-amniotic sludge and allowed a term delivery.



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- 160 The Latzko: A high-value, versatile vesicovaginal fistula repair**
Caroline Kieserman-Shmokler; Anne G. Sammarco; Emily M. English; Carolyn W. Swenson; John O. DeLancey
The Latzko transvaginal vesicovaginal fistula repair is a high-value procedure that minimizes pain, morbidity, and cost, even in cases of complex fistulae.

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SOCIETY FOR MATERNAL-FETAL MEDICINE

B2 SMFM Special Statement: State of the science on multifetal gestations: unique considerations and importance



SMFM Research Committee; Katherine L. Grantz; Tetsuya Kawakita; Ya-Ling Lu; Roger Newman; Vincenzo Berghella; Aaron Caughey

The state of the science for research on multifetal gestations includes (1) an estimation of how often multiple gestations are excluded from studies, (2) whether findings from studies of singleton gestations can be translated to multiple gestations in which data gaps exist, (3) unique aspects of performing research on multiple gestations, and (4) a call for future research.

B13 SMFM Special Statement: The Affordable Care Act's foundation of coverage: essential health benefits are essential



Sindhu K. Srinivas; on behalf of the SMFM Health Policy and Advocacy Committee

Maternal and newborn essential health benefits and no-cost preventive care services mandated by the Affordable Care Act (ACA) have been shown to improve the long-term health of women and children in the United States and reduce overall health-care costs; however, these benefits are now threatened by calls to repeal or revise the ACA unless specific action is taken to preserve their essential designation.

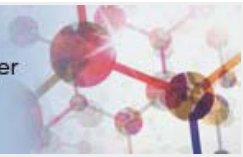
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Randomized trials have demonstrated the safety of shorter courses of antibiotic treatment for pneumonia, but how often excess treatment durations are prescribed is not known. This large multicenter cohort study assessed how often patients hospitalized with pneumonia received excess durations of antibiotic treatment and whether this was associated with harm.

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This meta-analysis of 45 trials compares the benefits and harms of vitamin K antagonists and non-vitamin K oral anticoagulants in patients with chronic kidney disease stages 3 to 5.

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H. Libman, Z.G. Jiang, E.B. Tapper, and E.E. Reynolds
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Long-term anticoagulant therapy is associated with an increased risk for hemorrhage in patients undergoing polypectomy. Furthermore, the type of procedure (cold vs. hot snare) also may increase risk for bleeding. Guidelines vary regarding periprocedural anticoagulant management. This trial compared outcomes between patients who had continuous anticoagulation and cold snare polypectomy with those who received heparin bridging and hot snare polypectomy.

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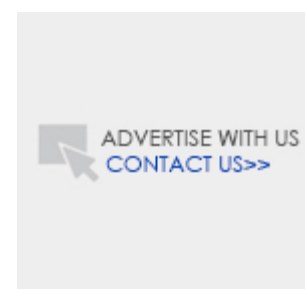
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JAMA. 2019;322(5):379-381. doi:10.1001/jama.2018.15443

Audio Summary: BP Measurements and Mortality and CVD Risk, Charity Patient Assistance Programs, Lifestyle and Dementia, Screening for Pancreatic Cancer, and more

Original Investigation

Association of Office and Ambulatory Blood Pressure With Mortality and Cardiovascular Outcomes

Wen-Yi Yang, MD, PhD; Jesus D. Melgarejo, MD; Lutgarde Thijs, MSc; et al.

Abstract | Full Text

JAMA. 2019;322(5):409-420. doi:10.1001/jama.2019.9811

This population-based cohort study uses predictive value of blood pressure indexes and compares the accuracy and incremental values of manual vs automated and daytime vs nighttime blood pressure readings for estimating risk of cardiovascular events and mortality.

Editor's Note

Effective Use of Ambulatory Blood Pressure Monitoring

Philip Greenland, MD

Financial Eligibility Criteria and Medication Coverage for Independent Charity Patient Assistance Programs

So-Yeon Kang, MPH, MBA; Aditi Sen, PhD; Ge Bai, PhD, CPA; et al.

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

JAMA. 2019;322(5):422-429. doi:10.1001/jama.2019.9943

This study characterizes assistance types, disease areas, insurance and income requirements, patient eligibility criteria, and drugs covered by the 6 largest independent charity patient assistance programs in 2018.

Editorial

Patient Assistance Programs and Anti-Kickback Laws

Katherine Kraschel, JD; Gregory Curfman, MD

Association of Lifestyle and Genetic Risk With Incidence of Dementia

Ilianna Lourida, PhD; Eilis Hannon, PhD; Thomas J. Littlejohns, PhD; et al.

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

JAMA. 2019;322(5):430-437. doi:10.1001/jama.2019.9879

This cohort study uses UK Biobank data to examine interactions between polygenic risk for Alzheimer disease and lifestyle (physical activity, healthy diet, moderate alcohol drinking) and their associations with incident all-cause dementia.

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Research Letter

Hemoglobin A_{1c} Levels During Pregnancy and Risk of Autism Spectrum Disorders in Offspring

Anny H. Xiang, PhD; Ting Chow, MPH; Mayra P. Martinez, MPH; et al.

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

JAMA. 2019;322(5):460-461. doi:10.1001/jama.2019.8584

This cohort study uses electronic medical record (EMR) data to examine the association between maternal hemoglobin A_{1c} levels during pregnancy and risk of autism spectrum disorder in offspring.

Naloxone Co-prescribing to Patients Receiving Prescription Opioids in the Medicare Part D Program, United States, 2016-2017

Christopher M. Jones, PharmD, DrPH, MPH; Wilson Compton, MD, MPE; Meena Vythilingam, MD; et al.

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

JAMA. 2019;322(5):462-464. doi:10.1001/jama.2019.7988

This study uses Medicare Part D data to compare US national and state rates of co-prescribing of naloxone with opioids and benzodiazepines in 2016-2017.

US Preventive Services Task Force

Recommendation Statement

Screening for Pancreatic Cancer: US Preventive Services Task Force Reaffirmation Recommendation Statement

US Preventive Services Task Force

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

☐ ☐ ☐ JAMA. 2019;322(5):438-444. doi:10.1001/jama.2019.10232

This 2019 Recommendation Statement from the US Preventive Services Task Force reaffirms their 2004 recommendation against screening for pancreatic cancer in asymptomatic adults (D recommendation).

☐ [Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer](#)

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Screening for Pancreatic Cancer Gets a D, But the Student Is Improving

Ralph H. Hruban, MD; Keith D. Lillemoe, MD



Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

Screening for Pancreatic Cancer

Aimee L. Lucas, MD, MS; Fay Kastrinos, MD, MPH



Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

Evidence Report

Screening for Pancreatic Cancer: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Nora B. Henrikson, PhD, MPH; Erin J. Aiello Bowles, MPH; Paula R. Blasi, MPH; et al.

Abstract | Full Text

JAMA. 2019;322(5):445-454. doi:10.1001/jama.2019.6190

This systematic review to support the 2019 US Preventive Services Task Force Reaffirmation Recommendation Statement on screening for pancreatic cancer summarizes published evidence on the benefits and harms of screening and treating adults for pancreatic adenocarcinoma.

Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

Editorial

Screening for Pancreatic Cancer Gets a D, But the Student Is Improving

Ralph H. Hruban, MD; Keith D. Lillemoe, MD



Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

Screening for Pancreatic Cancer

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Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

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Health Policy

The Pricing of Care Under Medicare for All: Implications and Policy Choices

Zirui Song, MD, PhD

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

JAMA. 2019;322(5):395-397. doi:10.1001/jama.2019.8245

Because a “Medicare for all” policy is likely to pay physicians and health systems lower unit prices than commercial insurance, this Viewpoint anticipates responses of the community, including possible increases in service volume and billing intensity and movement of care to more highly reimbursed settings, and it suggests ways the policy may be designed to minimize disruptions for clinicians and patients.

Evolving Issues in Oncology

Global Oncology

Satish Gopal, MD, MPH; Patrick J. Loehrer Sr, MD

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

JAMA. 2019;322(5):397-398. doi:10.1001/jama.2019.7081

This Viewpoint discusses the benefits of global oncology initiatives among high- and low-income countries in expediting advances in cancer screening, diagnosis, prognosis, and treatment monitoring through exchange programs, clinical trials, and data collection.

Reimagining Specialty Consultation in the Digital Age: The Potential Role of Targeted Automatic Electronic Consultations

Robert M. Wachter, MD; Timothy J. Judson, MD, MPH; Michelle Mourad, MD

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

☐ JAMA. 2019;322(5):399-400. doi:10.1001/jama.2019.6607

This Viewpoint offers a strategy to reduce costs and time of specialty consultations and improvements on curbside and electronic health record (EHR)–generated alerts through a targeted automatic electronic consultation process, through which alerts for patients who meet defined criteria are sent to specialists who review the information and decide whether the alert warrants a consultation.

 **Audio Interview:** Reimagining Specialty Consultation in the Digital Age

Evaluating Open Payments

Genevieve P. Kanter, PhD; George Loewenstein, PhD

Abstract | **Full Text**

JAMA. 2019;322(5):401-402. doi:10.1001/jama.2019.8171

This Viewpoint discusses the CMS Open Payments program, which publicizes payments made by medical device firms and pharmaceutical companies to physicians, and proposes ways the payment information can be better used to inform and empower patients and discourage physicians from excessively profiting from industry.

A Piece of My Mind

Imposter Syndrome: Treat the Cause, Not the Symptom

Samyukta Mullangi, MD, MBA; Reshma Jagsi, MD, DPhil

Abstract | **Full Text**

JAMA. 2019;322(5):403-404. doi:10.1001/jama.2019.9788

In this narrative medicine essay, two women physicians define the imposter syndrome that largely affects women in medicine and suggest gateways for women to advance their careers and showcase their talent.

Editorial

Patient Assistance Programs and Anti-Kickback Laws

Katherine Kraschel, JD; Gregory Curfman, MD

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

JAMA. 2019;322(5):405-406. doi:10.1001/jama.2019.9791

Screening for Pancreatic Cancer

Aimee L. Lucas, MD, MS; Fay Kastrinos, MD, MPH

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

☐ ☐ JAMA. 2019;322(5):407-408. doi:10.1001/jama.2019.9690

☐ **Audio Interview:** USPSTF Recommendation: Screening for Pancreatic Cancer

Editorial

Screening for Pancreatic Cancer Gets a D, But the Student Is Improving

Ralph H. Hruban, MD; Keith D. Lillemoe, MD

☐ **Audio Interview:** USPSTF Recommendation: Screening for Pancreatic Cancer

JAMA Insights

Diagnostic Imaging in Pregnant Patients With Suspected Appendicitis

Steven J. Schwulst, MD; Moeun Son, MD, MSCI

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

JAMA. 2019;322(5):455-456. doi:10.1001/jama.2019.9164

This JAMA Insights Clinical Update reviews approaches to imaging that are safe for the developing fetus in pregnant women with abdominal pain.

From The Medical Letter on Drugs and Therapeutics

Omadacycline (Nuzyra) — A New Tetracycline Antibiotic

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

JAMA. 2019;322(5):457-458. doi:10.1001/jama.2019.8199

This Medical Letter review summarizes indications, dosing, and cost of Nuzyra, a semisynthetic tetracycline derivative, for once-daily intravenous and oral treatment of community-acquired bacterial pneumonia and acute bacterial skin and skin structure infections in adults

Editor's Note

Effective Use of Ambulatory Blood Pressure Monitoring

Philip Greenland, MD

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

☐ JAMA. 2019;322(5):420-421. doi:10.1001/jama.2019.10123

Medical News & Perspectives

Although Cardiac Rehab Saves Lives, Few Eligible Patients Take Part

Rita Rubin, MA

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

JAMA. 2019;322(5):386-388. doi:10.1001/jama.2019.8604

This Medical News story examines the factors behind low cardiac rehabilitation participation rates and efforts to improve them.

Quick Uptakes

A Cultural Sea Change: Mindfulness for Surgical Residents

Feyza Sancar, PhD

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

JAMA. 2019;322(5):388-389. doi:10.1001/jama.2019.9999

This Medical News article discusses a recent study exploring the use of mindfulness-based stress reduction to improve well-being and performance among surgical residents.

News From the Food and Drug Administration

Drug Approved for Inflammatory Nasal Cavity Condition

Rebecca Voelker, MSJ

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

JAMA. 2019;322(5):393. doi:10.1001/jama.2019.11154

Insulin Pumps Could Be Hacked

Rebecca Voelker, MSJ

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

JAMA. 2019;322(5):393. doi:10.1001/jama.2019.10645

Combination Approved for Advanced Multiple Myeloma

Rebecca Voelker, MSJ

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

JAMA. 2019;322(5):393. doi:10.1001/jama.2019.11155

The JAMA Forum

Population Health Management: Saving Lives and Saving Money?

Ashish K. Jha, MD, MPH

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

JAMA. 2019;322(5):390-391. doi:10.1001/jama.2019.10568



Bench to Bedside

New Target for Pancreatic Cancer Treatment Shows Potential

Tracy Hampton, PhD

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

JAMA. 2019;322(5):391-392. doi:10.1001/jama.2019.10165

Poetry and Medicine

Quad Rooms at the VA

Emily Dollar, MD

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

JAMA. 2019;322(5):471. doi:10.1001/jama.2019.4471

JAMA Revisited

Laënnec and the Stethoscope

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

JAMA. 2019;322(5):472. doi:10.1001/jama.2018.15451

JAMA Patient Page

Screening for Pancreatic Cancer

Jill Jin, MD, MPH

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

 JAMA. 2019;322(5):478. doi:10.1001/jama.2019.10776

This JAMA Patient Page describes the US Preventive Services Task Force’s recent recommendations on screening for pancreatic cancer in adults.

Editorial

Screening for Pancreatic Cancer Gets a D, But the Student Is Improving

Ralph H. Hruban, MD; Keith D. Lillemoe, MD



Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

Screening for Pancreatic Cancer

Aimee L. Lucas, MD, MS; Fay Kastrinos, MD, MPH



Audio Interview: USPSTF Recommendation: Screening for Pancreatic Cancer

Comment & Response

Incentivizing Therapies for Rare Diseases

Laura Karas, MD, MPH

Abstract | Full Text

JAMA. 2019;322(5):464-465. doi:10.1001/jama.2019.6954

Incentivizing Therapies for Rare Diseases—Reply

Shailin Thomas, BS; Arthur Caplan, PhD

Abstract | Full Text

JAMA. 2019;322(5):465. doi:10.1001/jama.2019.6958

Tramadol and Mortality in Patients With Osteoarthritis

David Felson, MD, MPH

Abstract | Full Text

JAMA. 2019;322(5):465-466. doi:10.1001/jama.2019.7216

Tramadol and Mortality in Patients With Osteoarthritis—Reply

Guanghai Lei, MD, PhD; Hyon K. Choi, MD, DrPH; Yuqing Zhang, DSc

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

JAMA. 2019;322(5):466. doi:10.1001/jama.2019.7224

Dietary Cholesterol or Egg Consumption and Cardiovascular Outcomes

Thomas Charles Keyserling, MD, MPH; Seth A. Berkowitz, MD; Carmen D. Samuel-Hodge, PhD

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

JAMA. 2019;322(5):466-467. doi:10.1001/jama.2019.7220

Dietary Cholesterol or Egg Consumption and Cardiovascular Outcomes—Reply

Victor W. Zhong, PhD; Linda Van Horn, PhD; Norrina B. Allen, PhD

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

JAMA. 2019;322(5):467. doi:10.1001/jama.2019.7228

Private Equity Investment in Health Care

Craig Frances, MD

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

JAMA. 2019;322(5):468. doi:10.1001/jama.2019.7844

Private Equity Investment in Health Care—Reply

Suhas Gondhi, BA; Zirui Song, MD, PhD

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

JAMA. 2019;322(5):468-469. doi:10.1001/jama.2019.7857

Correction

Incorrect Description of Drug Act

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

☐ JAMA. 2019;322(5):469. doi:10.1001/jama.2019.10338

Clarification of Guideline Recommendations

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

☐ JAMA. 2019;322(5):469. doi:10.1001/jama.2019.10378

Revised Dietary Intake Estimates for Protein and Fat

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

☐ JAMA. 2019;322(5):469. doi:10.1001/jama.2019.10532

JAMA Masthead

JAMA

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

☐ JAMA. 2019;322(5):383-384. doi:10.1001/jama.2018.15444



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August 13, 2019, Vol 322, No. 6, Pages 479-588

In This Issue of JAMA

Highlights

Abstract | **Full Text**

  JAMA. 2019;322(6):479-588. doi:10.1001/jama.2018.15454

 **Audio Summary:** Early Gluten Exposure and Celiac Disease, BP Control and Dementia Risk, ECMO Review, and more

Original Investigation

Association of Gluten Intake During the First 5 Years of Life With Incidence of Celiac Disease Autoimmunity and Celiac Disease Among Children at Increased Risk

Carin Andrén Aronsson, PhD; Hye-Seung Lee, PhD; Elin M. Hård af Segerstad, MSc; et al.

Abstract | **Full Text**

 JAMA. 2019;322(6):514-523. doi:10.1001/jama.2019.10329

This cohort study investigates the association between gluten intake in the first 5 years of life and celiac disease autoimmunity and biopsy-confirmed celiac disease in genetically at-risk children over a median 9-year follow-up.

Editorial

Gluten and Celiac Disease Risk: Is It Just a Matter of Quantity?

Maureen M. Leonard, MD, MMSc; Alessio Fasano, MD

Association of Intensive vs Standard Blood Pressure Control With Cerebral White Matter Lesions

The SPRINT MIND Investigators for the SPRINT Research Group

Abstract | **Full Text**

 JAMA. 2019;322(6):524-534. doi:10.1001/jama.2019.10551

This substudy of the SPRINT randomized clinical trial evaluates the association between intensive (systolic blood pressure <120 mm Hg) vs standard (<140 mm Hg) blood pressure control and changes in cerebral white matter lesion and total brain volumes among hypertensive adults.

Editorial

Blood Pressure, Brain Volume and White Matter Hyperintensities, and Dementia Risk

Shyam Prabhakaran, MD, MS

Association of Midlife to Late-Life Blood Pressure Patterns With Incident Dementia

Keenan A. Walker, PhD; A. Richey Sharrett, MD, DrPH; Aozhou Wu, PhD, MHS; et al.

Abstract | **Full Text**

 JAMA. 2019;322(6):535-545. doi:10.1001/jama.2019.10575

Over 24 years plus follow-up, this community-based cohort study monitored individuals categorized by midlife and late-life blood pressure levels to evaluate association between blood pressure levels and incident dementia.

Editorial

Blood Pressure, Brain Volume and White Matter Hyperintensities, and Dementia Risk

Shyam Prabhakaran, MD, MS

Association Between Long-term Exposure to Ambient Air

Pollution and Change in Quantitatively Assessed Emphysema and Lung Function

Meng Wang, PhD; Carrie Pistenmaa Aaron, MD; Jaime Madrigano, ScD; et al.

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

  JAMA. 2019;322(6):546-556. doi:10.1001/jama.2019.10255

This cohort study examines the association between long-term exposure to ambient ozone, black carbon, and other air pollutants and progression of CT-defined percent emphysema and decline in lung function in adults in 6 US metropolitan regions.

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Research Letter

Pulmonary Embolism Hospitalization, Readmission, and Mortality Rates in US Older Adults, 1999-2015

Behnood Bickdeli, MD, MS; Yun Wang, PhD; David Jimenez, MD, PhD; et al.

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

JAMA. 2019;322(6):574-576. doi:10.1001/jama.2019.8594

This study uses Medicare billing codes to characterize trends in readmission and mortality rates for Medicare fee-for-service beneficiaries with pulmonary embolism (PE) between 1999 and 2015 to assess changes accompanying recent diagnostic and therapeutic changes in management of the disease.

Perceived Bullying Among Internal Medicine Residents

Manasa S. Ayyala, MD; Rebeca Rios, PhD; Scott M. Wright, MD

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

JAMA. 2019;322(6):576-578. doi:10.1001/jama.2019.8616

This study uses IM-ITE survey data to characterize the proportion of internal medicine residents in 2016

who self-reported having been bullied during their residency training.

Viewpoint

Trust in Health Care

Promoting Trust Between Patients and Physicians in the Era of Artificial Intelligence

Shantanu Nundy, MD, MBA; Tara Montgomery, BA; Robert M. Wachter, MD

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

JAMA. 2019;322(6):497-498. doi:10.1001/jama.2018.20563

This Viewpoint discusses the use of artificial intelligence in health care and its potential effect on how patients access care and how physicians and patients make decisions.

Editorial

Trust in Health Care

Howard Bauchner, MD

Building Trust in Health Care—Why, Where, and How

Dhruv Khullar, MD, MPP

Advances in Understanding the Pathophysiology of Chronic Fatigue Syndrome

Anthony L. Komaroff, MD

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

JAMA. 2019;322(6):499-500. doi:10.1001/jama.2019.8312

This Viewpoint reviews new findings presented at a 2019 NIH conference about neuroendocrine, metabolic, immunologic, and physiologic abnormalities that contribute to myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS).

Offering Emergency Buprenorphine Without a Prescription

Payel Jhoom Roy, MD; Michael D. Stein, MD

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

JAMA. 2019;322(6):501-502. doi:10.1001/jama.2019.8309

This Viewpoint argues that buprenorphine be made available without prescription behind the counter at retail pharmacies with age and quantity restrictions similar to those used for pseudoephedrine, and addresses concerns raised by the access model about safety and diversion.

Regionalization of Care and the Maternal-Infant Dyad Disconnect

Sara C. Handley, MD; Sindhu K. Srinivas, MD, MSCE; Scott A. Lorch, MD, MSCE

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

JAMA. 2019;322(6):503-504. doi:10.1001/jama.2019.6403

This Viewpoint argues for thinking about improvements in the care of new moms and infants as a single entity, and discusses regionalization of obstetric and infant care as a way to operationalize the idea and achieve simultaneous improvements in maternal and neonatal outcomes.

A Piece of My Mind

A Delicate Bond

Rebekah Diamond, MD

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

JAMA. 2019;322(6):505-506. doi:10.1001/jama.2019.10610

In this narrative medicine essay, a pediatrician realizes after her infant daughter undergoes treatment for elevated bilirubin that until then her advice to new parents may have interfered with the infant-mother bond yet forgives herself the distress she may have caused.

Editorial

Trust in Health Care

Building Trust in Health Care—Why, Where, and How

Dhruv Khullar, MD, MPP

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

JAMA. 2019;322(6):507-509. doi:10.1001/jama.2019.4892

Editorial

Trust in Health Care

Howard Bauchner, MD

Gluten and Celiac Disease Risk: Is It Just a Matter of Quantity?

Maureen M. Leonard, MD, MMSc; Alessio Fasano, MD

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

JAMA. 2019;322(6):510-511. doi:10.1001/jama.2019.9678

Blood Pressure, Brain Volume and White Matter Hyperintensities, and Dementia Risk

Shyam Prabhakaran, MD, MS

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

☐ JAMA. 2019;322(6):512-513. doi:10.1001/jama.2019.10849

Review

Extracorporeal Life Support for Adults With Respiratory Failure and Related Indications: A Review

Daniel Brodie, MD; Arthur S. Slutsky, MD; Alain Combes, MD, PhD

Abstract | **Full Text**

 JAMA. 2019;322(6):557-568. doi:10.1001/jama.2019.9302

This narrative review summarizes the mechanisms and set-up of extracorporeal life support (ECLS) including extracorporeal membrane oxygenation (ECMO) and extracorporeal carbon dioxide removal (ECCO₂R), its indications, complications, goals of treatment, and the need to build on evidence base for the intervention so it is used nationally and in a standardized fashion.

 **Audio Interview:** Extracorporeal Life Support for Adults With Respiratory Failure and Related Indications

JAMA Insights

Clinical Use of Bone Turnover Markers

Douglas C. Bauer, MD

Abstract | **Full Text**

JAMA. 2019;322(6):569-570. doi:10.1001/jama.2019.9372

This JAMA Insights Clinical Update reviews bone turnover markers measurable in blood and urine and summarizes evidence supporting their use to predict osteoporosis and osteoporotic fractures, assess treatment adherence and efficacy, and monitor bone loss after drug discontinuation.

JAMA Clinical Challenge

A Woman With Dyspnea and Bronchiectasis

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

Abstract | **Full Text**

 JAMA. 2019;322(6):571-572. doi:10.1001/jama.2019.8606

A 41-year-old woman with an 8–pack-year history of tobacco use had 4 years of progressive cough and dyspnea. She had no history of neonatal respiratory distress or nasal congestion and no family history of COPD or cystic fibrosis; pulmonary function testing showed a severe obstruction and chest CT showed

lower lobe predominant emphysema and bronchiectasis. What is the diagnosis and what would you do next?

Medical News & Perspectives

Mounting Evidence and Netflix's Decision to Pull a Controversial Suicide Scene

Rebecca Voelker, MSJ

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

JAMA. 2019;322(6):490-492. doi:10.1001/jama.2019.9492

In this Medical News article, experts discuss an association between the Netflix series *13 Reasons Why* and increases in adolescent suicides, suicide attempts, and suicide-related hospital admissions.

Quick Uptakes

For Mortality, Busting the Myth of 10 000 Steps per Day

Jennifer Abbasi

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

JAMA. 2019;322(6):492-493. doi:10.1001/jama.2019.10042

This Medical News article discusses a recent study in *JAMA Internal Medicine* on the association of daily steps with all-cause mortality.

The JAMA Forum

Bringing It Home: The Shift in Where Health Care Is Delivered

Lauran Hardin, MSN, RN; Diana J. Mason, PhD, RN

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

☐ [JAMA. 2019;322\(6\):493-494. doi:10.1001/jama.2019.11302](#)

News From the Centers for Disease Control and Prevention

Tuberculin Antigen Shortage

Bridget Kuehn, MSJ

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

JAMA. 2019;322(6):496. doi:10.1001/jama.2019.10855

Reductions in Rotavirus Infections

Bridget Kuehn, MSJ

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

JAMA. 2019;322(6):496. doi:10.1001/jama.2019.11314

Biotech Innovations

Smart Devices Detect Agonal Breathing in Cardiac Arrest

Jennifer Abbasi

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

JAMA. 2019;322(6):495. doi:10.1001/jama.2019.11648

Detecting Circulating Tumor Cells Through the Skin

Jennifer Abbasi

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

JAMA. 2019;322(6):495. doi:10.1001/jama.2019.11240

Meditation App Improves Attention in Young Adults

Jennifer Abbasi

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

JAMA. 2019;322(6):495. doi:10.1001/jama.2019.11649

The Arts and Medicine

Basch Unbound—*The House of God* and Fiction as Resistance at 40

Stephen Bergman, MD, DPhil

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

☐ JAMA. 2019;322(6):486-487. doi:10.1001/jama.2019.9499

In this Arts and Medicine feature, author Samuel Shem (pen name of Stephen Bergman, MD) reflects on the origins of his classic novel *The House of God*, the people and events that inspired its stories, the notion of “fiction as resistance,” and the evolving meaning of the book given developments in medicine and medical education in the 40 years since its publication.

The House of God at Age 40—An Appreciation

Jeremy Samuel Faust, MD, MS

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

☐ JAMA. 2019;322(6):488-489. doi:10.1001/jama.2019.8156

In this Arts and Medicine feature, an early-career physician discusses the ongoing relevance of Samuel Shem's novel, *The House of God*, to contemporary health care and medical education on the occasion of its 40th anniversary of publication.

Poetry and Medicine

Neither Pause nor Gaze at What Is Passing

Risa Denenberg, MSN, ARNP

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

JAMA. 2019;322(6):584. doi:10.1001/jama.2019.4496

JAMA Revisited

Gomers

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

JAMA. 2019;322(6):585. doi:10.1001/jama.2018.15462

JAMA Patient Page

Small Kidney Tumors

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

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

☐ JAMA. 2019;322(6):588. doi:10.1001/jama.2019.8509

This JAMA Patient Page describes small kidney tumor diagnoses and treatment options.

Comment & Response

Sex Differences in Grant Funding

Howard M. Kravitz, DO, MPH

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

JAMA. 2019;322(6):578-580. doi:10.1001/jama.2019.7836

Sex Differences in Grant Funding

Reshma Jagasi, MD, DPhil; Kanakadurga Singer, MD; Eve Kerr, MD, MPH

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

JAMA. 2019;322(6):578-580. doi:10.1001/jama.2019.7840

Sex Differences in Grant Funding—Reply

Teresa K. Woodruff, PhD; Diego F. M. Oliveira, PhD; Yifang Ma, PhD

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

JAMA. 2019;322(6):579-580. doi:10.1001/jama.2019.7848

Strategies to Adjust Positive End-Expiratory Pressure in Patients With ARDS

Michael C. Sklar, MD; Ewan C. Goligher, MD, PhD

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

JAMA. 2019;322(6):580-582. doi:10.1001/jama.2019.7880

Strategies to Adjust Positive End-Expiratory Pressure in Patients With ARDS—Reply

Jeremy R. Beitler, MD, MPH; Daniel Talmor, MD, MPH

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

JAMA. 2019;322(6):580-582. doi:10.1001/jama.2019.7888

Strategies to Adjust Positive End-Expiratory Pressure in Patients With ARDS

Stefan Lundin, MD, PhD; Per Persson, MD, PhD; Anders Larsson, MD, PhD

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

JAMA. 2019;322(6):581. doi:10.1001/jama.2019.7884

Strategies to Adjust Positive End-Expiratory Pressure in Patients With ARDS

Xiaobo Yang, MD; Shiyong Yuan, MD

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

JAMA. 2019;322(6):581. doi:10.1001/jama.2019.7876

Time Horizons in Cost Analyses

Istvan M. Majer, PhD; Shaji K. Kumar, MD; Stephen Palmer, MSc

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

JAMA. 2019;322(6):582-583. doi:10.1001/jama.2019.7853

Time Horizons in Cost Analyses—Reply

Anirban Basu, PhD; Matthew L. Maciejewski, PhD

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

JAMA. 2019;322(6):582-583. doi:10.1001/jama.2019.7861

JAMA Masthead

JAMA

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☐ JAMA. 2019;322(6):483-484. doi:10.1001/jama.2018.15455



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August 20, 2019, Vol 322, No. 7, Pages 589-702

In This Issue of JAMA

Highlights

Abstract | **Full Text**

  JAMA. 2019;322(7):589-591. doi:10.1001/jama.2018.15465



Audio Summary: Effect of Maintenance Olanzapine vs Placebo on Psychotic Depression Relapse, Abnormal TFTs and Preterm Birth, USPSTF BRCA Testing Guidelines, and more

Original Investigation

Effect of Continuing Olanzapine vs Placebo on Relapse Among Patients With Psychotic Depression in Remission: The STOP-PD II Randomized Clinical Trial

Alastair J. Flint, MB; Barnett S. Meyers, MD; Anthony J. Rothschild, MD; et al.

Abstract | **Full Text**

 JAMA. 2019;322(7):622-631. doi:10.1001/jama.2019.10517

This randomized clinical trial compares the effect on relapse of continuing olanzapine vs placebo among patients with psychotic depression who achieved remission of psychosis and depressive symptoms while taking olanzapine and sertraline.

Editorial

Maintenance Treatment for Psychotic Depressive Disorders: Progress and Remaining Challenges

William H. Coryell, MD

Association of Thyroid Function Test Abnormalities and Thyroid Autoimmunity With Preterm Birth: A Systematic Review and Meta-analysis

The Consortium on Thyroid and Pregnancy—Study Group on Preterm Birth

Abstract | **Full Text**

JAMA. 2019;322(7):632-641. doi:10.1001/jama.2019.10931

This individual participant data meta-analysis pooled data from 19 cohort studies to assess whether maternal thyroid function test abnormalities and thyroid autoimmunity are risk factors for preterm birth among pregnant women without overt thyroid disease.

Editorial

Thyroid Function Test Abnormalities During Pregnancy

Anne R. Cappola, MD, ScM; Brian M. Casey, MD

Association of Smoking Cessation With Subsequent Risk of Cardiovascular Disease

Meredith S. Duncan, MA; Matthew S. Freiberg, MD, MSc; Robert A. Greevy Jr, PhD; et al.

Abstract | **Full Text**

☐ JAMA. 2019;322(7):642-650. doi:10.1001/jama.2019.10298

This cohort study uses Framingham Heart Study data to assess the association between years since smoking cessation and incident cardiovascular disease (CVD), compared with current and never smoking, among participants without baseline CVD over a median follow-up of 26 years.

Editor's Note

Smoking Cessation and Reduction of Cardiovascular Disease Risk

Thomas B. Cole, MD, MPH

Advertisement

Research Letter

Prevalence and Characteristics of Virginia Hospitals Suing Patients and Garnishing Wages for Unpaid Medical Bills

William E. Bruhn, BS; Lainie Rutkow, JD, PhD, MPH; Peiqi Wang, MD, MPH; et al.

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

JAMA. 2019;322(7):691-692. doi:10.1001/jama.2019.9144

This study uses 2017 court records to characterize how frequently Virginia hospitals take legal action to garnish patients' wages to recover unpaid medical expenses, and the characteristics of hospitals and patient employers associated with the actions.

US Preventive Services Task Force

Recommendation Statement

Risk Assessment, Genetic Counseling, and Genetic Testing for *BRCA*-Related Cancer: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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

☐ ☐ ☐ JAMA. 2019;322(7):652-665. doi:10.1001/jama.2019.10987

This 2019 Recommendation Statement from the US Preventive Services Task Force recommends that women with a family or personal history associated with increased risk for harmful mutations in the *BRCA1/2* genes and with a positive result on a brief familial risk assessment tool should receive genetic counseling and, if indicated, genetic testing (B recommendation) and recommends against routine risk assessment, genetic counseling, or genetic testing for women whose personal or family history is not associated with potentially harmful *BRCA1/2* gene mutations (D recommendation).



Audio Interview: USPSTF Recommendation: Assessment, Counseling, and Testing for *BRCA*-Related Cancer

Editorial

US Preventive Services Task Force Breast Cancer Recommendation Statement on Risk Assessment, Genetic Counseling, and Genetic Testing for *BRCA*-Related Cancer

Lisa Newman, MD, MPH



Audio Interview: USPSTF Recommendation: Assessment, Counseling, and Testing for *BRCA*-Related Cancer

Hereditary Cancer Evaluation in 2019—a Rapidly Evolving Landscape

Rachel L. Yung, MD; Larissa A. Korde, MD, MPH



Audio Interview: USPSTF Recommendation: Assessment, Counseling, and Testing for *BRCA*-Related Cancer

Broadening Criteria for *BRCA1/2* Evaluation: Placing the USPSTF Recommendation in Context

Susan Domchek, MD; Mark Robson, MD



Audio Interview: USPSTF Recommendation: Assessment, Counseling, and Testing for *BRCA*-Related Cancer

USPSTF Recommendations for *BRCA1* and *BRCA2* Testing in the Context of a Transformative National Cancer Control Plan

Padma Sheila Rajagopal, MD, MPH; Sarah Nielsen, MS, CGC; Olufunmilayo I. Olopade, MD

Evidence Report

Risk Assessment, Genetic Counseling, and Genetic Testing for *BRCA*-Related Cancer in Women: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Heidi D. Nelson, MD, MPH, MACP, FRCP; Miranda Pappas, MA; Amy Cantor, MD, MPH; et al.

Abstract | **Full Text**

  JAMA. 2019;322(7):666-685. doi:10.1001/jama.2019.8430

This systematic review to support the 2019 US Preventive Services Task Force Recommendation Statement on risk assessment, genetic counseling, and genetic testing for *BRCA*-related cancer summarizes published evidence on the benefits and harms of assessment, counseling, and testing in women without recently diagnosed *BRCA1/2*-related cancer.

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for BRCA-Related Cancer

Editorial

US Preventive Services Task Force Breast Cancer Recommendation Statement on Risk Assessment, Genetic Counseling, and Genetic Testing for *BRCA*-Related Cancer

Lisa Newman, MD, MPH

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for BRCA-Related Cancer

Hereditary Cancer Evaluation in 2019—a Rapidly Evolving Landscape

Rachel L. Yung, MD; Larissa A. Korde, MD, MPH

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for BRCA-Related Cancer

Broadening Criteria for *BRCA1/2* Evaluation: Placing the USPSTF Recommendation in Context

Susan Domchek, MD; Mark Robson, MD

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for BRCA-Related Cancer

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Viewpoint

The Conundrum of the United States Medical Licensing Examination Score Reporting Structure

Jennifer L. Swails, MD; Omowunmi Aibana, MD, MPH; Barbara J. Stoll, MD

Abstract | **Full Text**

☐ JAMA. 2019;322(7):605-606. doi:10.1001/jama.2019.9669

In the context of joint preliminary recommendations from the Federation of State Medical Boards and the National Board of Medical Examiners to consider moving the USMLE examination to pass-fail score reporting, this Viewpoint discusses how the current 3-digit score reporting structure is used by residency program directors and medical schools, how it may distract students from developing qualities of

innovation and humanism important to medicine, and how it may facilitate workforce underrepresentation of some student groups.



Audio Interview: Implications of the United States Medical Licensing Examination (USMLE) Score Reporting Structure

A New Supreme Court Ruling on Drug Liability

Mitchell C. Johnston; Marcia M. Boumil, JD, LL.M.; Gregory Curfman, MD

Abstract | **Full Text**

JAMA. 2019;322(7):607-608. doi:10.1001/jama.2019.8515

In May 2019 the US Supreme Court sent back to lower courts the question of whether Merck Sharpe & Dohme Corp was liable for atypical fractures from its osteoporosis drug alendronate because it did not identify the adverse effect in the product's label. This Viewpoint discusses the legal questions of liability raised by the case and the implication of the decision for the pharmaceutical industry and for patients alleging harmed from prescription drugs.

Protecting Pregnant Women With Substance Use Disorders and Their Neonates Participating in Research

Jonathan M. Davis, MD; Lynne Yao, MD; Barbara E. Bierer, MD

Abstract | **Full Text**

JAMA. 2019;322(7):609-610. doi:10.1001/jama.2019.9002

This Viewpoint discusses the potential risks faced by pregnant women with substance use disorders who participate in clinical research, including criminal prosecution for drug use while pregnant and custody loss of their children, and proposes changes to research procedures and disclosure provisions to encourage their participation so the evidence base informing their care and addressing the opioid epidemic more generally can advance.

Electronic Fetal Monitoring to Prevent Fetal Brain Injury: A

Ubiquitous Yet Flawed Tool

Emmet Hirsch, MD

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

JAMA. 2019;322(7):611-612. doi:10.1001/jama.2019.8918

This Viewpoint argues that the near-universal adoption of electronic fetal monitoring (EFM) in labor and delivery units has occurred without evidence that it has reduced adverse neurological events and has contributed to an increase in US cesarean delivery rates, and calls for the education of physicians and the public about EFM's demonstrated reliability and value.

A Piece of My Mind

A Tale of Two Lungs

Matthew K. Hensley, MD, MPH

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

☐ *JAMA*. 2019;322(7):613-614. doi:10.1001/jama.2019.11287

In this narrative medicine essay, a critical care physician works through lessons he learned from his experience with a man with end-stage lung disease going into terminal respiratory failure who consented to intubation only if he had a chance for a lung transplant and considers how to balance patient autonomy with medical paternalism when good outcomes are unlikely and the best decisions are uncertain.

Editorial

Maintenance Treatment for Psychotic Depressive Disorders: Progress and Remaining Challenges

William H. Coryell, MD

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

JAMA. 2019;322(7):615-617. doi:10.1001/jama.2019.9682

Thyroid Function Test Abnormalities During Pregnancy

Anne R. Cappola, MD, ScM; Brian M. Casey, MD

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

JAMA. 2019;322(7):617-619. doi:10.1001/jama.2019.10159

Broadening Criteria for *BRCA1/2* Evaluation: Placing the USPSTF Recommendation in Context

Susan Domchek, MD; Mark Robson, MD

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

☐ JAMA. 2019;322(7):619-621. doi:10.1001/jama.2019.9688

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for BRCA-Related Cancer

Editorial

US Preventive Services Task Force Breast Cancer Recommendation Statement on Risk Assessment, Genetic Counseling, and Genetic Testing for *BRCA*-Related Cancer

Lisa Newman, MD, MPH

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Padma Sheila Rajagopal, MD, MPH; Sarah Nielsen, MS, CGC; Olufunmilayo I. Olopade, MD

JAMA Insights

Catheter Ablation for Atrial Fibrillation in 2019

Gaurav A. Upadhyay, MD; Francis J. Alenghat, MD, PhD

Abstract | Full Text

JAMA. 2019;322(7):686-687. doi:10.1001/jama.2019.10929

This JAMA Insights Clinical Update reviews management approaches to atrial fibrillation (AF), including assessment of the need for anticoagulation, and controversies over the need for rhythm control and the role of catheter ablation for maintaining sinus rhythm and reducing AF-associated symptoms.

Editorial

Catheter Ablation for Atrial Fibrillation: Lessons Learned From CABANA

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

JAMA Clinical Challenge

Electrocardiographic Diagnosis of Atrial Arrhythmias

Elsayed Z. Soliman, MD, MSc, MS; Prashant D. Bhawe, MD; Lin Y. Chen, MD, MS

Abstract | Full Text

☐ JAMA. 2019;322(7):688-689. doi:10.1001/jama.2019.10925

This Clinical Challenge reviews ways to distinguish atrial ectopy, AV block, multifocal atrial tachycardia, and other supraventricular tachycardias from atrial fibrillation in patients with absent P waves, irregularly irregular R-R intervals, and f waves on electrocardiography.

Editor's Note

Smoking Cessation and Reduction of Cardiovascular Disease Risk

Thomas B. Cole, MD, MPH

Abstract | Full Text

☐ JAMA. 2019;322(7):651. doi:10.1001/jama.2019.11166

Medical News & Perspectives

Weighing the Risks and Rewards of Peanut Oral Immunotherapy

Jennifer Abbasi

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

JAMA. 2019;322(7):596-598. doi:10.1001/jama.2019.9142

This Medical News article discusses a recent meta-analysis of oral immunotherapy trials for people with peanut allergies.

Getting Social: Physicians Can Counteract Misinformation With an Online Presence

Rita Rubin, MA

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

 JAMA. 2019;322(7):598-600. doi:10.1001/jama.2019.10779

This Medical News interview discusses the value of social media for health care.

 **Audio:** Getting Social: Physicians Need to Counteract Misinformation Online

News From the Food and Drug Administration

Ventilator Recall

Feyza Sancar, PhD

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

 JAMA. 2019;322(7):604. doi:10.1001/jama.2019.11803

Another Option for Hypoactive Sexual Desire

Feyza Sancar, PhD

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

☐ JAMA. 2019;322(7):604. doi:10.1001/jama.2019.11515

First Treatment for Rare Autoimmune Neuromyelitis

Feyza Sancar, PhD

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

☐ JAMA. 2019;322(7):604. doi:10.1001/jama.2019.11804

The JAMA Forum

Averting Alert Fatigue to Prevent Adverse Drug Reactions

Aaron E. Carroll, MD

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

☐ JAMA. 2019;322(7):601. doi:10.1001/jama.2019.11710

Global Health

Gag Rule May Increase Abortions

Bridget Kuehn, MSJ

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

☐ JAMA. 2019;322(7):603. doi:10.1001/jama.2019.11062

Viruses Drive Children’s Pneumonia

Bridget Kuehn, MSJ

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

☐ JAMA. 2019;322(7):603. doi:10.1001/jama.2019.11801

Fighting Epilepsy Stigma

Bridget Kuehn, MSJ

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

☐ JAMA. 2019;322(7):603. doi:10.1001/jama.2019.11802

JAMA Infographic

Prevalence and Treatment of Chronic Obstructive Pulmonary Disease (COPD) in the United States

Adam I. Biener, PhD; Sandra L. Decker, PhD; Frederick Rohde, MA

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

☐ JAMA. 2019;322(7):602. doi:10.1001/jama.2019.10241

Poetry and Medicine

Playing Word Games

Susan Frances Martinello

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

☐ JAMA. 2019;322(7):698. doi:10.1001/jama.2019.5687

JAMA Revisited

The Relation of Pathology to Practice: Francis Carter Wood, M.D., New York

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

☐ JAMA. 2019;322(7):699. doi:10.1001/jama.2018.15473

JAMA Patient Page

Should I Be Tested for *BRCA* Mutations?

Jill Jin, MD, MPH

Abstract | **Full Text**

☐ ☐ JAMA. 2019;322(7):702. doi:10.1001/jama.2019.11251

This JAMA Patient Page describes the US Preventive Services Task Force's recently published recommendations on risk assessment and genetic counseling and testing for *BRCA* mutations and *BRCA*-related cancers.

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for *BRCA*-Related Cancer

Editorial

US Preventive Services Task Force Breast Cancer Recommendation Statement on Risk Assessment, Genetic Counseling, and Genetic Testing for *BRCA*-Related Cancer

Lisa Newman, MD, MPH

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Susan Domchek, MD; Mark Robson, MD

☐ **Audio Interview:** USPSTF Recommendation: Assessment, Counseling, and Testing for *BRCA*-Related Cancer

Comment & Response

Monitoring Adherence to Inhaled Medications

Ginelle A. Bryant, PharmD, BCPS; Eliza A. Dy-Boarman, PharmD, BCPS; Lynn E. Kassel, PharmD,

BCPS

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

JAMA. 2019;322(7):692-693. doi:10.1001/jama.2019.8643

Monitoring Adherence to Inhaled Medications—Reply

Mark Hew, MBBS, PhD, FRACP; Helen K. Reddel, MBBS, PhD, FRACP

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

JAMA. 2019;322(7):693-694. doi:10.1001/jama.2019.8654

Resuming Anticoagulation After Cerebral Intraparenchymal Hemorrhage

Audrey C. Leasure, BS; Kevin N. Sheth, MD

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

JAMA. 2019;322(7):694. doi:10.1001/jama.2019.8650

Resuming Anticoagulation After Cerebral Intraparenchymal Hemorrhage—Reply

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

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

JAMA. 2019;322(7):694-695. doi:10.1001/jama.2019.8658

Treating Hypercholesterolemia in Older Adults

Daniel E. Forman, MD; Neil J. Stone, MD; Scott M. Grundy, MD, PhD

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

JAMA. 2019;322(7):695. doi:10.1001/jama.2019.8803

Treating Hypercholesterolemia in Older Adults—Reply

Neil Skolnik, MD

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

JAMA. 2019;322(7):695-696. doi:10.1001/jama.2019.8807

Clarification of Reporting of Potential Conflicts of Interest in JAMA Articles

Victor J. Dzau, MD

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

JAMA. 2019;322(7):696. doi:10.1001/jama.2019.11051

Correction

Clarification of Reporting of Potential Conflicts of Interest

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

☐ JAMA. 2019;322(7):696. doi:10.1001/jama.2019.11017

Numbers of Patients Transposed in Text

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

☐ JAMA. 2019;322(7):696. doi:10.1001/jama.2019.11119

JAMA Masthead

JAMA

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

☐ JAMA. 2019;322(7):593-594. doi:10.1001/jama.2018.15466



August 27, 2019, Vol 322, No. 8, Pages 703-792

In This Issue of JAMA

Highlights

Abstract | **Full Text**

  JAMA. 2019;322(8):703-705. doi:10.1001/jama.2018.15476

 **Audio Summary:** Effect of Vitamin D on BMD, Effect of Tandem vs Single SCT on Neuroblastoma Survival, Treatment of NSCLC, and more

Original Investigation

Effect of High-Dose Vitamin D Supplementation on Volumetric Bone Density and Bone Strength: A Randomized Clinical Trial

Lauren A. Burt, PhD; Emma O. Billington, MD, FRCPC; Marianne S. Rose, PhD; et al.

Abstract | **Full Text**

JAMA. 2019;322(8):736-745. doi:10.1001/jama.2019.11889

This randomized trial compares the effects of 400 vs 4000 vs 10 000 IU of vitamin D on total volumetric bone mineral density and bone strength of the radius and tibia.

Effect of Tandem Autologous Stem Cell Transplant vs Single Transplant on Event-Free Survival in Patients With High-Risk Neuroblastoma: A Randomized Clinical Trial

Julie R. Park, MD; Susan G. Kreissman, MD; Wendy B. London, PhD; et al.

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

JAMA. 2019;322(8):746-755. doi:10.1001/jama.2019.11642

This randomized trial compares the effect of intensification of consolidation therapy using sequential or “tandem” vs single autologous transplant after induction therapy on event-free survival among children and young adults with high-risk neuroblastoma.

Editorial

Tandem Transplant for High-Risk Neuroblastoma: Next Steps in the Era of Precision Medicine

Rochelle Bagatell, MD; Meredith S. Irwin, MD

Association Between Educational Attainment and Causes of Death Among White and Black US Adults, 2010-2017

Isaac Sasson, PhD; Mark D. Hayward, PhD

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

☐ JAMA. 2019;322(8):756-763. doi:10.1001/jama.2019.11330

This population epidemiology study uses US National Vital Statistics System data to describe trends in life expectancy at age 25 among US adults by race and education level and contributions of specific causes of death to between-group differences in those trends between 2000 and 2017.

Advertisement

Research Letter

Trends in Cardiometabolic Mortality in the United States, 1999-2017

Nilay S. Shah, MD, MPH; Donald M. Lloyd-Jones, MD, ScM; Martin O’Flaherty, MD, MSc, PhD; et al.

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

JAMA. 2019;322(8):780-782. doi:10.1001/jama.2019.9161

This study evaluates the Centers for Disease Control and Prevention's Wide-Ranging Online Data for Epidemiologic Research to compare trends in heart disease, stroke, diabetes, and hypertension mortality rates by race and sex from 1999 to 2017.

Viewpoint

Success of Opt-In Organ Donation Policy in the United States

Alexandra Glazier, JD, MPH; Thomas Mone, MS

Abstract | **Full Text**

 JAMA. 2019;322(8):719-720. doi:10.1001/jama.2019.9187

This Viewpoint discusses the how changing opt-in to opt-out policies for organ donors may impede US donation and recommends to increase efforts in recruiting individuals to become donors to meet the need of helping people who need transplants.

 **Audio Interview:** Success of Opt-In Organ Donation Policy in the United States

Redefining the Physician's Role in Cost-Conscious Care: The Potential Role of the Electronic Health Record

Brian J. Miller, MD, MBA, MPH; Jennifer M. Slota; Jesse M. Ehrenfeld, MD, MPH

Abstract | **Full Text**

JAMA. 2019;322(8):721-722. doi:10.1001/jama.2019.9114

This Viewpoint argues for integration of price information in electronic health records (EHRs) as a mechanism to increase price transparency and promote cost-conscious, patient-centered, shared decision making at the point of care.

Health Policy

The Commercial Differential for Hospital Prices: Responses From States and Employers

Christopher F. Koller, MPPM, MAR; Dhruv Khullar, MD, MPP

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

JAMA. 2019;322(8):723-724. doi:10.1001/jama.2019.9275

This Viewpoint reviews the discrepancy in prices paid for hospital services by commercial insurers vs Medicare and Medicaid, and calls for greater hospital accountability, cost transparency, and data to guide pricing so that the cost of services are benchmarked to the value they offer patients and paying employers rather than the negotiating leverage of health care organizations.

Evidence vs Consensus in Clinical Practice Guidelines

Benjamin Djulbegovic, MD, PhD; Gordon Guyatt, MD, MS

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

JAMA. 2019;322(8):725-726. doi:10.1001/jama.2019.9751

This Viewpoint argues that the language distinguishing evidence-based from consensus-based clinical guidelines is misleading because both require consensus, and argues that it is more accurate to distinguish evidence-based guidelines, which require recommendations consistent with underlying evidence, from non–evidence-based guidelines, which do not.

A Piece of My Mind

A Difficult Conversation

Martin B. Wice, MD, MS

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

☐ JAMA. 2019;322(8):727-728. doi:10.1001/jama.2019.11757

In this narrative medicine essay, a physiatrist recalls his role in telling his wife of her diagnosis of metastatic ovarian cancer, his support during her inexorable decline, and how the experiences of her

passing drew his family closer, nurtured his appreciation for relationships, the wonder of nature, and the renewed sense of connection to the world.

Editorial

Tandem Transplant for High-Risk Neuroblastoma: Next Steps in the Era of Precision Medicine

Rochelle Bagatell, MD; Meredith S. Irwin, MD

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

JAMA. 2019;322(8):729-731. doi:10.1001/jama.2019.11641

Reporting and Interpretation of Randomized Clinical Trials

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

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

☐ *JAMA*. 2019;322(8):732-735. doi:10.1001/jama.2019.12056

Review

Systemic Therapy for Locally Advanced and Metastatic Non–Small Cell Lung Cancer: A Review

Kathryn C. Arbour, MD; Gregory J. Riely, MD, PhD

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

☐ *JAMA*. 2019;322(8):764-774. doi:10.1001/jama.2019.11058

This narrative review summarizes advances in molecular testing for mutations in non–small cell lung cancer, selection of molecularly targeted therapies based on those mutations, and the use of PD-1 inhibitor immunotherapies for the management of metastatic and stage III nonmetastatic disease.

JAMA Insights

Diagnosing the Onset of Menopause

Nanette Santoro, MD; Joshua Johnson, PhD

Abstract | **Full Text**

 JAMA. 2019;322(8):775-776. doi:10.1001/jama.2019.6250

This JAMA insights clinical update reviews menstruation-based criteria for defining menopause in women, the physiologic changes underlying menopausal transition, and how and when to use testing to counsel women about the timing and duration of the transition.

 **Clinical Review Audio:** Diagnosing Menopause

JAMA Clinical Guidelines Synopsis

Management of Patients With Acute Ischemic Stroke

James R. Brorson, MD; Adam S. Cifu, MD

Abstract | **Full Text**

JAMA. 2019;322(8):777-778. doi:10.1001/jama.2019.10436

This JAMA Clinical Guidelines Synopsis describes the 2018 American Heart Association/American Stroke Association guidelines for management of patients with acute ischemic stroke.

Medical News & Perspectives

Increasing Cases of Shingles in the Eye Raise Key Questions

Rebecca Voelker, MSJ

Abstract | **Full Text**

 JAMA. 2019;322(8):712-714. doi:10.1001/jama.2019.10743

This Medical News article examines the increasing incidence of herpes zoster ophthalmicus—shingles of the eye—and the need for more widespread vaccination against shingles.



Audio: JAMA Medical News Summary for August 2019

Quick Uptakes

Among Women Seeking Abortion, Continuing Pregnancy Linked to Worse Physical Health

Rita Rubin, MA

Abstract | **Full Text**

JAMA. 2019;322(8):714-715. doi:10.1001/jama.2019.10313

This Quick Uptakes discusses a recent study that compared the long-term physical health effects of childbirth vs abortion among women with unwanted pregnancies.

News From the Centers for Disease Control and Prevention

Less Addictive Cigarettes

Bridget Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2019;322(8):718. doi:10.1001/jama.2019.11369

Rising PrEP Awareness

Bridget Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2019;322(8):718. doi:10.1001/jama.2019.11853

Clinical Trials Update

Vitamin D Doesn’t Protect Against Diabetes

Anita Slomski, MA

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

☐ JAMA. 2019;322(8):717. doi:10.1001/jama.2019.11564

Improving Stroke Preparedness Among Blacks and Hispanics

Anita Slomski, MA

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

☐ JAMA. 2019;322(8):717. doi:10.1001/jama.2019.12351

Ketamine to Help Treat Cocaine Use Disorder

Anita Slomski, MA

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

☐ JAMA. 2019;322(8):717. doi:10.1001/jama.2019.12352

Whole Food Combination Diet for Kids With Crohn Disease

Anita Slomski, MA

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

☐ JAMA. 2019;322(8):717. doi:10.1001/jama.2019.12353

Antidepressants May Affect Pain Neural Network

Anita Slomski, MA

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

☐ JAMA. 2019;322(8):717. doi:10.1001/jama.2019.12354

Health Agencies Update

Medicare Proposes Coverage of Acupuncture for Lower Back Pain

Rita Rubin, MA

Abstract | **Full Text**

☐ JAMA. 2019;322(8):716. doi:10.1001/jama.2019.11573

Synchronizing Medication Refills Could Improve Adherence

Rita Rubin, MA

Abstract | **Full Text**

☐ JAMA. 2019;322(8):716. doi:10.1001/jama.2019.12349

Botulinum Toxin to Treat Endometriosis Pain

Rita Rubin, MA

Abstract | **Full Text**

☐ JAMA. 2019;322(8):716. doi:10.1001/jama.2019.12350

The Arts and Medicine

How to Fix the Premedical Curriculum—Another Try

Richard M. Ratzan, MD

Abstract | **Full Text**

☐ JAMA. 2019;322(8):710-711. doi:10.1001/jama.2019.11480

This Arts and Medicine feature reviews the case made by physician-essayist Lewis Thomas that all

prospective medical students be required to know classical Greek language and literature before medical school acceptance and broadens the argument, calling on medical school admissions committees to require an undergraduate major in humanities as a basis for medical education.

Poetry and Medicine

Washbasin

Andrew C. Kidd, BSc(MedSci), MBChB

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

☐ [JAMA. 2019;322\(8\):787. doi:10.1001/jama.2019.5690](#)

JAMA Revisited

Leonardo da Vinci as Anatomist (1452-1519)

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

☐ [JAMA. 2019;322\(8\):788. doi:10.1001/jama.2018.15484](#)

JAMA Patient Page

Chest Tubes

Danielle S. Graham, MD, MBA; Edward H. Livingston, MD

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

☐ [JAMA. 2019;322\(8\):792. doi:10.1001/jama.2019.8842](#)

This JAMA Patient Page describes reasons for use of chest tubes and the process of chest tube insertion and removal.

Comment & Response

Physicians' Trust in Patients

David H. Thom, MD, PhD

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

JAMA. 2019;322(8):782. doi:10.1001/jama.2019.9169

Physicians' Trust in Patients—Reply

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

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

JAMA. 2019;322(8):782-783. doi:10.1001/jama.2019.9200

PD-L1 Status and Survival in Patients With Lung Cancer

Xin Yang, MD, PhD; Chuang Qi, PhD; Mei Ji, MD, PhD

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

JAMA. 2019;322(8):783. doi:10.1001/jama.2019.9177

PD-L1 Status and Survival in Patients With Lung Cancer—Reply

Peter Grant Miller, MD, PhD; Gerald Li, PhD; Gaurav Singal, MD

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

JAMA. 2019;322(8):783-784. doi:10.1001/jama.2019.9196

Nutrition Education in Medical Training

Mark Glen, MS, RD

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

JAMA. 2019;322(8):784. doi:10.1001/jama.2019.9173

Nutrition Education in Medical Training—Reply

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

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

JAMA. 2019;322(8):784-785. doi:10.1001/jama.2019.9192

Correction

Incorrect Axis Scale in Figure

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

☐ JAMA. 2019;322(8):785. doi:10.1001/jama.2019.11467

Typographical Error in a Percentage in Figure

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

☐ JAMA. 2019;322(8):785. doi:10.1001/jama.2019.11788

JAMA Masthead

JAMA

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

☐ JAMA. 2019;322(8):707-708. doi:10.1001/jama.2018.15477



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August 2019, Vol 179, No. 8, Pages 1013-1152

In This Issue of JAMA Internal Medicine

Highlights

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

 *JAMA Intern Med.* 2019;179(8):1013-1015. doi:10.1001/jamainternmed.2018.5506

Perspective

Educating Physicians About Marijuana

Nathaniel P. Morris, MD

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

JAMA Intern Med. 2019;179(8):1017-1018. doi:10.1001/jamainternmed.2019.1529

This Perspective addresses the growing use of marijuana among US residents and why physicians should expand their understanding of its health effects.

Miro’s Dots and Lines

Shaurya Taran, MD; Allan S. Detsky, MD, PhD

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

JAMA Intern Med. 2019;179(8):1019-1020. doi:10.1001/jamainternmed.2019.1922

This essay explores how diagnosing disease may be thought of in similar terms as interpreting modern art.

Less Is More

Ignorance of Nutrition Is No Longer Defensible

Neal D. Barnard, MD

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

JAMA Intern Med. 2019;179(8):1021-1022. doi:10.1001/jamainternmed.2019.2273

This article cites the case of a patient with diabetes who avoided potential foot amputation to discuss the importance of nutritional education for physicians and the importance of discussing beneficial nutritional practices with patients.

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Original Investigation

Risk of Hospitalization for Serious Adverse Gastrointestinal Events Associated With Sodium Polystyrene Sulfonate Use in Patients of Advanced Age

J. Ariana Noel, MD; Sarah E. Bota, BSc; William Petrcich, MSc; et al.

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

JAMA Intern Med. 2019;179(8):1025-1033. doi:10.1001/jamainternmed.2019.0631

This population-based cohort study assesses the risk of hospitalization or emergency department visit for adverse gastrointestinal events associated with sodium polystyrene sulfonate use in patients of advanced age.

Association of Radioactive Iodine Treatment With Cancer Mortality in Patients With Hyperthyroidism

Cari M. Kitahara, PhD; Amy Berrington de Gonzalez, DPhil; Andre Bouville, PhD (Retired); et al.

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

☐ *JAMA Intern Med.* 2019;179(8):1034-1042. doi:10.1001/jamainternmed.2019.0981

This cohort study evaluates the level of ionizing radiation exposure and risk of cancer death from a common treatment for hyperthyroidism in a large and longest-running cohort of patients with hyperthyroidism.

Comparison of Hospitals Affiliated With PPS-Exempt Cancer Centers, Other Hospitals Affiliated With NCI-Designated Cancer Centers, and Other Hospitals That Provide Cancer Care

Ryan P. Merkow, MD, MS; Anthony D. Yang, MD, MS; Emily Pavey, MS; et al.

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

JAMA Intern Med. 2019;179(8):1043-1051. doi:10.1001/jamainternmed.2019.0914

This cohort study compares the characteristics and postoperative outcomes of hospitals affiliated with Prospective Payment System (PPS)-exempt cancer centers, other hospitals affiliated with National Cancer Institute (NCI)-designated cancer centers, and other hospitals that provide cancer care in the United States.

Editor's Note

Paying for Cancer Care

Robert Steinbrook, MD

Effectiveness of a Bundled Intervention Including Adjunctive Corticosteroids on Outcomes of Hospitalized Patients With Community-Acquired Pneumonia: A Stepped-Wedge Randomized Clinical Trial

Melanie Lloyd, MPhtySt; Amalia Karahalios, PhD; Edward Janus, MD, PhD; et al.

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

☐ *JAMA Intern Med.* 2019;179(8):1052-1060. doi:10.1001/jamainternmed.2019.1438

This randomized clinical trial evaluates the effectiveness of a bundle of evidence-supported treatments under conditions of routine care in a representative population hospitalized for community-acquired pneumonia.

Association of Exposure to Artificial Light at Night While Sleeping With Risk of Obesity in Women

Yong-Moon Mark Park, MD, PhD; Alexandra J. White, PhD; Chandra L. Jackson, PhD, MS; et al.

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

JAMA Intern Med. 2019;179(8):1061-1071. doi:10.1001/jamainternmed.2019.0571

This cohort study assesses whether exposure to artificial light at night while sleeping is associated with the prevalence and risk of general and central obesity among women.

Decision Aids for Prostate Cancer Screening Choice: A Systematic Review and Meta-analysis

Jarno M. Riiikonen, MD, PhD; Gordon H. Guyatt, MD; Tuomas P. Kilpeläinen, MD, PhD; et al.

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

  *JAMA Intern Med.* 2019;179(8):1072-1082. doi:10.1001/jamainternmed.2019.0763

This systematic review and meta-analysis of 19 randomized clinical trials estimates the association of decision aids with decisional outcomes in prostate cancer screening.

 [Audio Interview:](#) Decision Aids for Prostate Cancer Screening Choice

Anticholinergic Drug Exposure and the Risk of Dementia: A Nested Case-Control Study

Carol A. C. Coupland, PhD; Trevor Hill, MSc; Tom Dening, MD; et al.

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

  *JAMA Intern Med.* 2019;179(8):1084-1093. doi:10.1001/jamainternmed.2019.0677

This nested case-control study including 58 769 patients diagnosed with dementia and 225 574 matched controls 55 years or older evaluates whether, and to what extent, anticholinergic drug exposure was associated with dementia risk.

Association of Disease Definition, Comorbidity Burden, and Prognosis With Hip Fracture Probability Among Late-Life Women

Kristine E. Ensrud, MD, MPH; Allyson M. Kats, MS; Cynthia M. Boyd, MD; et al.

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

JAMA Intern Med. 2019;179(8):1095-1103. doi:10.1001/jamainternmed.2019.0682

This cohort study of more than 1500 women 80 years and older evaluated whether differences in the definition of osteoporosis, the number of comorbidities, and the prognosis were associated with 5-year hip fracture probability.

Association of Step Volume and Intensity With All-Cause Mortality in Older Women

I-Min Lee, MBBS, ScD; Eric J. Shiroma, ScD; Masamitsu Kamada, PhD; et al.

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

JAMA Intern Med. 2019;179(8):1105-1112. doi:10.1001/jamainternmed.2019.0899

This cohort study of 16 741 older women from the Women's Health Study examines associations of number of steps per day and stepping intensity with all-cause mortality.

Effect of a Self-management Support Intervention on Asthma Outcomes in Older Adults: The SAMBA Study Randomized Clinical Trial

Alex D. Federman, MD, MPH; Rachel O'Connor, PhD; Irina Mindlis, MPH; et al.

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

JAMA Intern Med. 2019;179(8):1113-1121. doi:10.1001/jamainternmed.2019.1201

This randomized clinical trial compares the effect of an intervention (Supporting Asthma Self-Management

Behaviors in Older Adults, SAMBA) for older adults with asthma vs usual care.

Evaluation of the Incidence of New-Onset Atrial Fibrillation After Aortic Valve Replacement

Rajat Kalra, MBChB; Nirav Patel, MD; Rajkumar Doshi, MD; et al.

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

☐ *JAMA Intern Med.* 2019;179(8):1122-1130. doi:10.1001/jamainternmed.2019.0205

This population-based study evaluates the incidence of new-onset atrial fibrillation and assesses the incidence of in-hospital mortality associated with new-onset atrial fibrillation after transcatheter aortic valve implantation and surgical aortic valve replacement.

Editorial

Sodium Polystyrene Sulfonate for Hyperkalemia

Monica Parks, MD; Deborah Grady, MD, MPH

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

JAMA Intern Med. 2019;179(8):1023-1024. doi:10.1001/jamainternmed.2019.1291

Invited Commentary

Decision Aids for Prostate Cancer Screening—The True Potential Remains Unknown

Laura D. Scherer, PhD; Grace Lin, MD, MAS

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

☐ *JAMA Intern Med.* 2019;179(8):1082-1083. doi:10.1001/jamainternmed.2019.0753

☐ **Audio Interview:** Decision Aids for Prostate Cancer Screening Choice

Preventing Alzheimer Disease by Deprescribing Anticholinergic Medications

Noll L. Campbell, PharmD, MS; Richard Holden, PhD; Malaz A. Boustani, MD, MPH

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

JAMA Intern Med. 2019;179(8):1093-1094. doi:10.1001/jamainternmed.2019.0676

Considering the Risks and Benefits of Osteoporosis Treatment in Older Adults

Sarah D. Berry, MD, MPH; Sandra Shi, MD; Douglas P. Kiel, MD, MPH

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

JAMA Intern Med. 2019;179(8):1103-1104. doi:10.1001/jamainternmed.2019.0688

Editor's Note

Paying for Cancer Care

Robert Steinbrook, MD

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

JAMA Intern Med. 2019;179(8):1051. doi:10.1001/jamainternmed.2019.0892

Increasing Transparency at the US Food and Drug Administration

Robert Steinbrook, MD

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

JAMA Intern Med. 2019;179(8):1146-1147. doi:10.1001/jamainternmed.2019.1194

Teachable Moment

Overuse of Urine Eosinophils in the Diagnosis of Acute Interstitial Nephritis: A Teachable Moment

Anna Strasma, MD; Shradha A. Kulkarni, MD

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

JAMA Intern Med. 2019;179(8):1131-1132. doi:10.1001/jamainternmed.2019.1755

This Teachable Moment evaluates the measurement of urine eosinophils as an indicator for the diagnosis of acute interstitial nephritis.

Research Letter

Health Care Reform

Assessing the Quality of Public Reporting of US Physician Performance

Jun Li, MSPH; Anup Das, MD, PhD; Lena M. Chen, MD, MS

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

JAMA Intern Med. 2019;179(8):1133-1135. doi:10.1001/jamainternmed.2019.0398

This analysis of current data from the Physician Compare website assesses the volume of quality data submitted and whether the information is comprehensive enough to differentiate the performance of included physicians.

Center-Related Variation in Cardiac Stress Testing in the 18 Months Prior to Renal Transplantation

Adam A. Shpigel, MD; Mohammed J. Saeed, MBChB, MPH; Eric Novak, MS; et al.

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

JAMA Intern Med. 2019;179(8):1135-1136. doi:10.1001/jamainternmed.2019.0423

This analysis of data from US Renal Data System examined patient- and center-level variables for patients who did and did not undergo cardiac stress testing to determine which were associated with stress testing 18 months prior to renal transplantation.

A Comparison of Payments to a For-profit Dialysis Firm From Government and Commercial Insurers

Christopher P. Childers, MD, PhD; Jill Q. Dworsky, MD, MS; Gerald Kominski, PhD; et al.

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

JAMA Intern Med. 2019;179(8):1136-1138. doi:10.1001/jamainternmed.2019.0431

This study assesses differences in payments from government and commercial insurers to dialysis clinics using data from a single for-profit organization.

Centers of Excellence Designations, Clinical Outcomes, and Characteristics of Hospitals Performing Percutaneous Coronary Interventions

Sameed Ahmed M. Khatana, MD; Ashwin S. Nathan, MD; Elias J. Dayoub, MD, MPP; et al.

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

JAMA Intern Med. 2019;179(8):1138-1140. doi:10.1001/jamainternmed.2019.0567

This study evaluates the designation of center of excellence by insurance payers for hospitals performing percutaneous coronary intervention.

Rates of Advanced Imaging by Practice Peers After Malpractice Injury Reports in Florida, 2009-2013

Dan P. Ly, MD, MPP

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

JAMA Intern Med. 2019;179(8):1140-1141. doi:10.1001/jamainternmed.2019.0163

This study uses Medicare claims data to identify the rate of advanced imaging tests among physicians whose peers had a malpractice injury report.

Findings From the Behavioral Risk Factor Surveillance System on Health-Related Quality of Life Among US Transgender Adults, 2014-2017

Kellan E. Baker, MPH, MA

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

JAMA Intern Med. 2019;179(8):1141-1144. doi:10.1001/jamainternmed.2018.7931

This study compares health-related quality of life between US transgender and cisgender adults using data from the largest nationwide health survey to date to address transgender health.

Public Disclosure of the Filing of New Drug and Therapeutic Biologics Applications With the US Food and Drug Administration

Harinder Singh Chahal, PharmD, MSc; David Szeto, PharmD, MS; Anam H. Chaudhry, MPH; et al.

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

JAMA Intern Med. 2019;179(8):1144-1146. doi:10.1001/jamainternmed.2019.1213

This cross-sectional study reviews New Drug Applications for new molecular entities and Biologics License Applications for new and biosimilar biological products submitted to the US Food and Drug Administration to assess how frequently applicants disclose applications in the media.

Editor's Note

Increasing Transparency at the US Food and Drug Administration

Robert Steinbrook, MD

Comment & Response

In Low-Value Care, Less Is (Not Always) More

Thomas L. Forbes, MD

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JAMA Intern Med. 2019;179(8):1147. doi:10.1001/jamainternmed.2019.1881

Less Is More

In Low-Value Care, Less Is (Not Always) More—Reply

Tim Badgery-Parker, MBiostat; Adam G. Elshaug, MPH, PhD

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JAMA Intern Med. 2019;179(8):1148. doi:10.1001/jamainternmed.2019.1659

Evidence for the Full Potential of Daily Food Choices to Minimize Premature Mortality

William J. McCarthy, PhD; Folasade May, MD, PhD

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JAMA Intern Med. 2019;179(8):1148-1149. doi:10.1001/jamainternmed.2019.2205

Evidence for the Full Potential of Daily Food Choices to Minimize Premature Mortality—Reply

Bernard Srour, PharmD, MPH; Mathilde Touvier, MPH, PhD; Chantal Julia, MD, PhD

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

JAMA Intern Med. 2019;179(8):1149-1150. doi:10.1001/jamainternmed.2019.2208

Benefits of Supplemental Ultrasonography With Mammography

Ellen B. Mendelson, MD, MA; Wendie A. Berg, MD, PhD; Paula B. Gordon, MD

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JAMA Intern Med. 2019;179(8):1150. doi:10.1001/jamainternmed.2019.2379

Benefits of Supplemental Ultrasonography With Mammography—Reply

Janie M. Lee, MD, MSc; Robert Smith, PhD; Karla Kerlikowske, MD

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JAMA Intern Med. 2019;179(8):1150-1151. doi:10.1001/jamainternmed.2019.2376

Improved Communication in Home Health Care Could Reduce Hospital Readmission Rates

Christine D. Jones, MD, MS; Cari R. Levy, MD, PhD

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

JAMA Intern Med. 2019;179(8):1151-1152. doi:10.1001/jamainternmed.2019.2727

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☐ *JAMA Intern Med.* 2019;179(8):1152. doi:10.1001/jamainternmed.2019.1927

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☐ *JAMA Intern Med.* 2019;179(8):1152. doi:10.1001/jamainternmed.2019.2564

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☐ *JAMA Intern Med.* 2019;179(8):1016. doi:10.1001/jamainternmed.2018.5507



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Medical Care. 57(8):567-573, August 2019.

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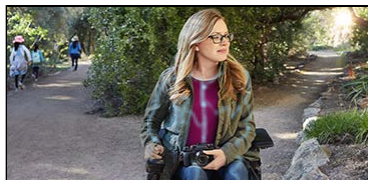
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Do we need to explore the role of SMN protein beyond the CNS?

SMA=spinal muscular atrophy; SMN=survival motor neuron.

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Hill, Amber L.; Jones, Kelley A.; McCauley, Heather L.; [More](#)
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Monika K. Goyal, Gia M. Badolato, Shilpa J. Patel, Sabah F. Iqbal, Kavita Parikh, Robert McCarter
Pediatrics Aug 2019, 144 (2) e20183283; **DOI:** 10.1542/peds.2018-3283

This cross-sectional study of the WISQARS explores the association between strictness of state-based firearm legislation and firearm-related mortality in children.

☐ [PDF](#)

☐ Adverse Childhood Experiences and Protective Factors With School Engagement

Angelica Robles, Annie Gjelsvik, Priya Hirway, Patrick M. Vivier, Pamela High
Pediatrics Aug 2019, 144 (2) e20182945; **DOI:** 10.1542/peds.2018-2945

This population-based study of children in the United States identifies associations of ACEs and PFs with negative school performance and

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□ Neuropsychiatric Sequelae in Adolescents With Acute Synthetic Cannabinoid Toxicity

Sarah Ann R. Anderson, Anna M. Oprescu, Diane P. Calello, Andrew Monte, Peter S. Dayan, Yasmin L. Hurd, Alex F. Manini, on behalf of the ToxIC Investigators

Pediatrics Aug 2019, 144 (2) e20182690; DOI: 10.1542/peds.2018-2690

In a multicenter study, adolescents presenting to the ED with SC acute toxicity had significant neuropsychiatric outcomes.

□ [PDF](#)

□ Asthma Hospitalizations Among Homeless Children in New York State

Rie Sakai-Bizmark, Ruey-Kang R. Chang, Laurie A. Mena, Eliza J. Webber, Emily H. Marr, Kenny Y. Kwong

Pediatrics Aug 2019, 144 (2) e20182769; DOI: 10.1542/peds.2018-2769

In this study, using 2009–2014 statewide inpatient data from New York, we provide compelling new insight on levels of health care use among homeless children with asthma.

□ [PDF](#)

□ Family Chaos and Asthma Control

Sally M. Weinstein, Oksana Pugach, Genesis Rosales, Giselle S. Mosnaim, Surrey M. Walton, Molly A. Martin

Pediatrics Aug 2019, 144 (2) e20182758; DOI: 10.1542/peds.2018-2758

Family chaos emerged as a robust predictor and pathway linking parent depression and child asthma outcomes among urban minority youth.

□ [PDF](#)

□ Neighborhood Social Conditions, Family Relationships, and Childhood Asthma

Edith Chen, Robin Hayen, Van Le, Makeda K. Austin, Madeleine U. Shalowitz, Rachel E. Story, Gregory E. Miller

Pediatrics Aug 2019, 144 (2) e20183300; DOI: 10.1542/peds.2018-3300

In this study, we investigate the combined effects of neighborhood social conditions (danger and disorder) and family relationship quality on childhood asthma.

□ [PDF](#)

□ Serious Bacterial Infections in Neonates Presenting Afebrile With History of Fever

Sriram Ramgopal, Lorne W. Walker, Melissa M. Tavarez, Andrew J. Nowalk, Melissa A. Vitale

Pediatrics Aug 2019, 144 (2) e20183964; DOI: 10.1542/peds.2018-3964

In this study, we investigate rates of infection in neonates presenting to EDs with historical fever only and who remain afebrile during hospitalization.

[PDF](#)

Medicaid and CHIP Child Health Beneficiary Incentives: Program Landscape and Stakeholder Insights

Connor A. Moseley, Madhulika Vulimiri, Robert S. Saunders, William K. Bleser, Eliana M. Perrin, Sarah C. Armstrong, Gary X. Wang, Peter A. Ubel, Mark McClellan, Charlene A. Wong
Pediatrics Aug 2019, 144 (2) e20183161; DOI: 10.1542/peds.2018-3161

The landscape of Medicaid and CHIP beneficiary incentive programs for children's health is described, accompanied by key stakeholder insights on beneficiary engagement and program evaluation.

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Factors That Influence the Choice of Academic Pediatrics by Underrepresented Minorities

Gabrina Dixon, Terry Kind, Joseph Wright, Nikki Stewart, Alexandra Sims, Aisha Barber
Pediatrics Aug 2019, 144 (2) e20182759; DOI: 10.1542/peds.2018-2759

In this study, we address what experiences influence URM's in pursuing academic pediatric medicine.

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Risk of Recurrent Fracture: A Population-Based Study

Benjamin G. Escott, Teresa To, Dorcas E. Beaton, Andrew W. Howard
Pediatrics Aug 2019, 144 (2) e20172552; DOI: 10.1542/peds.2017-2552

Children who fracture once are more likely to fracture again. This suggests assessing and improving bone health in pediatrics, as is routine in geriatrics.

[PDF](#)

Thyroid-Stimulating Hormone Reference Ranges for Preterm Infants

Dinushan C. Kaluarachchi, David B. Allen, Jens C. Eickhoff, Sandra J. Dawe, Mei W. Baker
Pediatrics Aug 2019, 144 (2) e20190290; DOI: 10.1542/peds.2019-0290

In this study, we define TSH reference ranges from birth to term corrected gestational age in preterm infants born at <32 weeks using a statewide birth cohort.

[PDF](#)

□ Housing Instability Among Families With Young Children With Special Health Care Needs

Ruth Rose-Jacobs, Stephanie Ettinger de Cuba, Allison Bovell-Ammon, Maureen M. Black, Sharon M. Coleman, Diana Cutts, Mariana Chilton, Timothy Heeren, Patrick Casey, Eduardo Ochoa, Deborah A. Frank, Megan Sandel

Pediatrics Aug 2019, 144 (2) e20181704; DOI: 10.1542/peds.2018-1704

This study compares households of young children with and without SHCNs and associated risks of 3 circumstances of housing insecurity.

□ [PDF](#)

□ Understanding Which Teenagers Benefit Most From a Brief Primary Care Substance Use Intervention

Elizabeth J. D'Amico, Layla Parast, Karen C. Osilla, Rachana Seelam, Lisa S. Meredith, William G. Shadel, Bradley D. Stein

Pediatrics Aug 2019, 144 (2) e20183014; DOI: 10.1542/peds.2018-3014

A 15-minute intervention in PC can benefit adolescents with more severe alcohol and marijuana use 1 year later compared with UC.

□ [PDF](#)

□ Predictive Validity of the CRAFFT for Substance Use Disorder

Rohit P. Shenoi, James G. Linakis, Julie R. Bromberg, T. Charles Casper, Rachel Richards, Michael J. Mello, Thomas H. Chun, Anthony Spirito, PEDIATRIC EMERGENCY CARE APPLIED RESEARCH NETWORK

Pediatrics Aug 2019, 144 (2) e20183415; DOI: 10.1542/peds.2018-3415

CRAFFT is used to identify patients in the PED with current problematic substance use and SUDs; it has value in predicting SUDs but with limited sensitivity.

□ [PDF](#)

□ Toxicity of Bupropion Overdose Compared With Selective Serotonin Reuptake Inhibitors

Adam Overberg, Shannon Morton, Emily Wagner, Blake Froberg

Pediatrics Aug 2019, 144 (2) e20183295; DOI: 10.1542/peds.2018-3295

Fluoxetine and escitalopram are FDA-approved prescription medications for pediatric depression but are not the only agents used. We examine adolescent overdose risks of bupropion and SSRIs.

□ [PDF](#)

□ School Readiness in Preschoolers With Symptoms of Attention-Deficit/Hyperactivity Disorder

Hannah T. Perrin, Nicole A. Heller, Irene M. Loe

Pediatrics Aug 2019, 144 (2) e20190038; DOI: 10.1542/peds.2019-0038

Preschoolers with ADHD symptoms have a higher likelihood of school readiness impairment than peers without ADHD symptoms on a comprehensive, 5-domain school readiness assessment.

[PDF](#)

[A Parent Treatment Program for Preschoolers With Obesity: A Randomized Controlled Trial](#)

Anna Ek, Kathryn Lewis Chamberlain, Kimmo Sorjonen, Ulf Hammar, Mahnoush Etminan Malek, Pernilla Sandvik, Maria Somaraki, Jonna Nyman, Louise Lindberg, Karin Nordin, Jan Ejderhamn, Philip A. Fisher, Patricia Chamberlain, Claude Marcus, Paulina Nowicka
Pediatrics Aug 2019, 144 (2) e20183457; **DOI:** 10.1542/peds.2018-3457

In this RCT, we evaluate a novel approach for preschool obesity, focusing on evidence-based parenting practices and the influence of intensity on treatment effects.

[PDF](#)

[Neurodevelopmental Outcomes of Preterm Infants With Retinopathy of Prematurity by Treatment](#)

Girija Natarajan, Seetha Shankaran, Tracy L. Nolen, Amaanti Sridhar, Kathleen A. Kennedy, Susan R. Hintz, Dale L. Phelps, Sara B. DeMauro, Waldemar A. Carlo, Marie G. Gantz, Abhik Das, Rachel G. Greenberg, Noelle E. Younge, Joseph M. Bliss, Ruth Seabrook, Pablo J. Sánchez, Myra H. Wyckoff, Edward F. Bell, Betty R. Vohr, Rosemary D. Higgins
Pediatrics Aug 2019, 144 (2) e20183537; **DOI:** 10.1542/peds.2018-3537

Death or NDI in early childhood among infants treated with laser surgery or bevacizumab was not significantly different, but death was higher in the bevacizumab group.

[PDF](#)

[Hearing Loss With Congenital Cytomegalovirus Infection](#)

Ina Foulon, Yannick De Brucker, Ronald Buyl, Elke Lichtert, Katia Verbruggen, Denis Piérard, Fleur Anne Camfferman, Leonardo Gucciardo, Frans Gordts
Pediatrics Aug 2019, 144 (2) e20183095; **DOI:** 10.1542/peds.2018-3095

Incidence of hearing loss in children with cCMV infection is discussed, and risk indicators for hearing loss are described.

[PDF](#)

[Neonatal Abstinence Syndrome and Associated Neonatal and Maternal Mortality and Morbidity](#)

Sarka Lisonkova, Lindsay L. Richter, Joseph Ting, Giulia M. Muraca, Qi Wen, Azar Mehrabadi, Sheona Mitchell-Foster, Eugenia Oviedo-Joekes, Janet Lyons
Pediatrics Aug 2019, 144 (2) e20183664; **DOI:** 10.1542/peds.2018-3664

Infants with NAS have increased risk of severe morbidity, and their mothers have elevated mortality and severe morbidity.

[PDF](#)

Extended Maternity Leave and Breastfeeding in Active Duty Mothers

Andrew Delle Donne, Alex Hatch, Nicholas R. Carr, James Aden, Jonathan Shapiro

Pediatrics Aug 2019, 144 (2) e20183795; DOI: 10.1542/peds.2018-3795

In 2016, the DoD doubled maternity leave for active duty mothers; we found that extended maternity leave correlated with increased breastfeeding initiation and duration.

[PDF](#)

Cardiometabolic Risk and Body Composition in Youth With Down Syndrome

Sheela N. Magge, Babette S. Zemel, Mary E. Pipan, Samuel S. Gidding, Andrea Kelly

Pediatrics Aug 2019, 144 (2) e20190137; DOI: 10.1542/peds.2019-0137

In this cross-sectional study, we compare CMR factors and body composition in 150 youth with DS with those of 100 typically developing controls.

[PDF](#)

Pediatric Respiratory Illness Measurement System (PRIMES) Scores and Outcomes

Rita Mangione-Smith, Chuan Zhou, Derek J. Williams, David P. Johnson, Chén C. Kenyon, Amy Tyler, Ricardo Quinonez, Joyee Vachani, Julie McGalliard, Joel S. Tieder, Tamara D. Simon, Karen M. Wilson, for the Pediatric Research in Inpatient Settings (PRIS) Network

Pediatrics Aug 2019, 144 (2) e20190242; DOI: 10.1542/peds.2019-0242

In this study, we examine the association between higher scores on PRIMES composite measures and outcomes of care, including improvements in HRQOL, LOS, and reuse.

[PDF](#)

Parent Attitudes and Preferences for Discussing Health Care Costs in the Inpatient Setting

Jimmy Beck, Julia Wignall, Elizabeth Jacob-Files, Michael J. Tchou, Alan Schroeder, Nora B. Henrikson, Arti D. Desai

Pediatrics Aug 2019, 144 (2) e20184029; DOI: 10.1542/peds.2018-4029

In this study, we provide a framework for how to have cost discussions with parents of children who are hospitalized.

[PDF](#)

□ Local Anesthesia With General Anesthesia for Pediatric Bone Marrow Procedures

Sara Zarnegar-Lumley, Katharine R. Lange, Melissa D. Mathias, Miho Nakajima-Hatano, Katharine M. Offer, Ugochi O. Ogu, Michael V. Ortiz, Kay See Tan, Michael Kellick, Shakeel Modak, Stephen S. Roberts, Ellen M. Basu, R. Scott Dingeman

Pediatrics Aug 2019, 144 (2) e20183829; **DOI:** 10.1542/peds.2018-3829

LA was added to GA for BM procedures in patients with neuroblastoma to compare pain, opioid usage, and QoL.

□ [PDF](#)

□ Office-Based Educational Handout for Influenza Vaccination: A Randomized Controlled Trial

Vanessa P. Scott, Douglas J. Opel, Jason Reifler, Sharon Rikin, Kalpana Pethe, Angela Barrett, Melissa S. Stockwell

Pediatrics Aug 2019, 144 (2) e20182580; **DOI:** 10.1542/peds.2018-2580

In this study, we evaluate brief, clinic-based educational interventions for parents versus usual care with receipt of the child influenza vaccine.

□ [PDF](#)

Commentaries

□ No Silver Bullet: Firearm Laws and Pediatric Death Prevention

Lois K. Lee, Judy Schaechter

Pediatrics Aug 2019, 144 (2) e20191300; **DOI:** 10.1542/peds.2019-1300

□ [PDF](#)

□ Addressing Adverse Childhood Experiences: It's Not What You Know but Who You Know

Rebecca Dudovitz, Paul J. Chung

Pediatrics Aug 2019, 144 (2) e20190893; **DOI:** 10.1542/peds.2019-0893

□ [PDF](#)

□ "Housing First" for Optimal Child Health

Kerry K. Sease, J. Blakely Amati

Pediatrics Aug 2019, 144 (2) e20190500; **DOI:** 10.1542/peds.2019-0500

□ [PDF](#)

□ Choice Architecture and Simplifying: Alternatives to Incentives for Increasing Healthy Behaviors

Jack Stevens

Pediatrics Aug 2019, 144 (2) e20190111; **DOI:** 10.1542/peds.2019-0111

[□ PDF](#)

[□ The Role of Sponsorship in Achieving Workforce Diversity in Academic Pediatrics](#)

Jean L. Raphael

Pediatrics Aug 2019, 144 (2) e20191532; **DOI:** 10.1542/peds.2019-1532

[□ PDF](#)

[□ Casting More Light on Pediatric Fractures](#)

Laura K. Bachrach

Pediatrics Aug 2019, 144 (2) e20191594; **DOI:** 10.1542/peds.2019-1594

[□ PDF](#)

[□ Avoiding the Overdiagnosis of Congenital Hypothyroidism in Premature Newborns](#)

Francisca Grob, Guy Van Vliet

Pediatrics Aug 2019, 144 (2) e20191706; **DOI:** 10.1542/peds.2019-1706

[□ PDF](#)

[□ Disparities in Neonatal Intensive Care: Context Matters](#)

Wanda D. Barfield, Shanna Cox, Zsakeba T. Henderson

Pediatrics Aug 2019, 144 (2) e20191688; **DOI:** 10.1542/peds.2019-1688

[□ PDF](#)

[□ Universal Mental Health Prevention for Adolescents: Real-world Implications](#)

Glenn Thomas

Pediatrics Aug 2019, 144 (2) e20190937; **DOI:** 10.1542/peds.2019-0937

[□ PDF](#)

[□ Can We Prime the Pump for Developing Pediatric Physician-Scientists?](#)

F. Bruder Stapleton

Pediatrics Aug 2019, 144 (2) e20191586; **DOI:** 10.1542/peds.2019-1586

[□ PDF](#)

From the American Academy of Pediatrics

[□ The Impact of Racism on Child and Adolescent Health](#)

Maria Trent, Danielle G. Dooley, Jacqueline Dougé, SECTION ON ADOLESCENT HEALTH, COUNCIL ON COMMUNITY PEDIATRICS, COMMITTEE ON ADOLESCENCE

Pediatrics Aug 2019, 144 (2) e20191765; **DOI:** 10.1542/peds.2019-1765

[□ PDF](#)

[□ Management of Infants at Risk for Group B Streptococcal Disease](#)

Karen M. Puopolo, Ruth Lynfield, James J. Cummings, COMMITTEE ON FETUS AND NEWBORN, COMMITTEE ON INFECTIOUS DISEASES

Pediatrics Aug 2019, 144 (2) e20191881; **DOI:** 10.1542/peds.2019-1881

[□ PDF](#)

[□ Prevention of Group B Streptococcal Early-Onset Disease in Newborns](#)

Pediatrics Aug 2019, 144 (2) e20191882; **DOI:** 10.1542/peds.2019-1882

[□ PDF](#)

[□ School Readiness](#)

P. Gail Williams, Marc Alan Lerner, COUNCIL ON EARLY CHILDHOOD, COUNCIL ON SCHOOL HEALTH

Pediatrics Aug 2019, 144 (2) e20191766; **DOI:** 10.1542/peds.2019-1766

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Pediatrics Aug 2019, 144 (2) e20191767; **DOI:** 10.1542/peds.2019-1767

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[□ NCE Abstracts 2018](#)

Pediatrics Aug 2019, 144 (2) e201900lm; **DOI:** 10.1542/peds.2019-00lm

Pediatrics Perspectives

[□ The Threat of Outbreaks in US Border Patrol Detainment Centers](#)

Mark A. Travassos

Pediatrics Aug 2019, 144 (2) e20190206; **DOI:** 10.1542/peds.2019-0206

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[□ Health Systems Have a Role in Preventing Firearm Injury](#)

George Isham, Jay Bhatt, Bechara Choucair, David Grossman, Elizabeth McGlynn

Pediatrics Aug 2019, 144 (2) e20191701; **DOI:** 10.1542/peds.2019-1701

[□ PDF](#)

□ Improving Home Hospice and Palliative Care Policies

Debra S. Lotstein, Lisa C. Lindley

Pediatrics Aug 2019, 144 (2) e20183287; **DOI:** 10.1542/peds.2018-3287

□ [PDF](#)

Advocacy Case Study

□ Improving Information Sharing for Youth in Foster Care

Mary V. Greiner, Sarah J. Beal, Judith W. Dexheimer, Parth Divekar, Vikash Patel, Eric S. Hall

Pediatrics Aug 2019, 144 (2) e20190580; **DOI:** 10.1542/peds.2019-0580

We describe the development of an information sharing system between the EHR and the child welfare database to improve health care delivery for children in custody.

□ [PDF](#)

Monthly Feature

□ The Fight Over the Juvenile Giant: Contesting Growth in the 1930s

Samuel V. Schotland

Pediatrics Aug 2019, 144 (2) e20182145; **DOI:** 10.1542/peds.2018-2145

□ [PDF](#)

Review Article

□ Racial/Ethnic Disparities in Neonatal Intensive Care: A Systematic Review

Krista Sigurdson, Briana Mitchell, Jessica Liu, Christine Morton, Jeffrey B. Gould, Henry C. Lee, Nicole Capdarest-Arest, Jochen Profit

Pediatrics Aug 2019, 144 (2) e20183114; **DOI:** 10.1542/peds.2018-3114

This article is a systematic review of the literature on racial and/or ethnic disparities in NICU quality of care; we note important areas of intervention for improving infant outcomes.

□ [PDF](#)

□ Adolescent Mental Health Program Components and Behavior Risk Reduction: A Meta-analysis

Sarah Skeen, Christina A. Laurenzi, Sarah L. Gordon, Stefani du Toit, Mark Tomlinson, Tarun Dua, Alexandra Fleischmann, Kid Kohl, David Ross, Chiara Servili, Amanda S. Brand, Nicholas Dowdall, Crick Lund, Claire van der Westhuizen, Liliana Carvajal-Aguirre, Cristina Eriksson de Carvalho, G.J. Melendez-Torres

Pediatrics Aug 2019, 144 (2) e20183488; DOI: 10.1542/peds.2018-3488

This meta-analysis of adolescent mental health interventions identifies successful program components across those promoting positive mental health, preventing depression and anxiety, and preventing risk behaviors.

[PDF](#)

State-of-the-Art Review Article

[Congenital Muscular Torticollis: Bridging the Gap Between Research and Clinical Practice](#)

Barbara Sargent, Sandra L. Kaplan, Colleen Coulter, Cynthia Baker
Pediatrics Aug 2019, 144 (2) e20190582; DOI: 10.1542/peds.2019-0582

We share selected evidence-based recommendations and implementation strategies specifically relevant to pediatric practice to optimize outcomes and health services for infants with CMT.

[PDF](#)

Special Articles

[A Framework for Evaluation of the Higher-Risk Infant After a Brief Resolved Unexplained Event](#)

J. Lawrence Merritt, Ricardo A. Quinonez, Joshua L. Bonkowsky, Wayne H. Franklin, David A. Gremse, Bruce E. Herman, Carole Jenny, Eliot S. Katz, Leonard R. Krilov, Chuck Norlin, Robert E. Sapién, Joel S. Tieder
Pediatrics Aug 2019, 144 (2) e20184101; DOI: 10.1542/peds.2018-4101

A proposed tiered framework for the evaluation and management of a higher-risk infant after a BRUE.

[PDF](#)

[Cognitive and Behavioral Impact on Children Exposed to Opioids During Pregnancy](#)

Justine J. Larson, Devon L. Graham, Lynn T. Singer, Anna M. Beckwith, Mishka Terplan, Jonathan M. Davis, Juan Martinez, Henrietta S. Bada
Pediatrics Aug 2019, 144 (2) e20190514; DOI: 10.1542/peds.2019-0514

The impact on children exposed to opioids during pregnancy is a subject of debate, but it is a marker for risk of adverse outcomes.

[PDF](#)

[When Parents Take Conflicts to Digital Media](#)

Bryanna Moore, John D. Lantos
Pediatrics Aug 2019, 144 (2) e20190932; DOI: 10.1542/peds.2019-0932

In this article, we examine 7 themes underlying parent-initiated digital

media campaigns aimed at orchestrating public opposition to doctors' recommendations.

[□ PDF](#)

□ Integration of Pediatric Palliative Care Into Cardiac Intensive Care: A Champion-Based Model

Katie M. Moynihan, Jennifer M. Snaman, Erica C. Kaye, Wynne E. Morrison, Aaron G. DeWitt, Loren D. Sacks, Jess L. Thompson, Jennifer M. Hwang, Valerie Bailey, Deborah A. Lafond, Joanne Wolfe, Elizabeth D. Blume
Pediatrics Aug 2019, 144 (2) e20190160; **DOI:** 10.1542/peds.2019-0160

We propose a novel conceptual model for PPC integration into the traditionally cure-oriented CICU using interdisciplinary PPCCs.

[□ PDF](#)

□ Cultivating Research Skills During Clinical Training to Promote Pediatric-Scientist Development

Jillian H. Hurst, Katherine J. Barrett, Matthew S. Kelly, Betty B. Staples, Kathleen A. McGann, Coleen K. Cunningham, Ann M. Reed, Rasheed A. Gbadegesin, Sallie R. Permar
Pediatrics Aug 2019, 144 (2) e20190745; **DOI:** 10.1542/peds.2019-0745

In this article, we describe the implementation of a pediatric-scientist development program and address challenges and solutions for integrating research training into medium-sized pediatric residency programs.

[□ PDF](#)

Ethics Rounds

□ When Adolescent and Parents Disagree on Medical Plan, Who Gets to Decide?

Kali A. Hopkins, Mary A. Ott, Zeynep Salih, Gabriel T. Bosslet, John Lantos
Pediatrics Aug 2019, 144 (2) e20190291; **DOI:** 10.1542/peds.2019-0291

An adolescent with DMD wants a life-extending tracheostomy, whereas his parents do not want this for him.

[□ PDF](#)

Quality Reports

□ Early-Onset Sepsis Risk Calculator Integration Into an Electronic Health Record in the Nursery

Carole H. Stipelman, Elizabeth R. Smith, Margarita Diaz-Ochu, Jennifer Spackman, Greg Stoddard, Kensaku Kawamoto, Julie H. Shakib

Pediatrics Aug 2019, 144 (2) e20183464; DOI: 10.1542/peds.2018-3464

Integration of an EOS risk calculator in the EHR increased calculator use and reduced antibiotic orders in a newborn nursery.

[PDF](#)

Using Quality Improvement to Implement a Standardized Approach to Neonatal Herpes Simplex Virus

Laura H. Brower, Paria M. Wilson, Eileen Murtagh Kurowski, David Haslam, Joshua Courter, Neera Goyal, Michelle Durling, Samir S. Shah, Amanda Schondelmeyer

Pediatrics Aug 2019, 144 (2) e20180262; DOI: 10.1542/peds.2018-0262

Implementation of standardized risk assessment, testing, and treatment of neonatal HSV resulted in decreased acyclovir use and laboratory testing for non-high-risk patients.

[PDF](#)

Case Report

Hyperammonemic Encephalopathy due to *Ureaplasma parvum* Infection in an Immunocompromised Child

Mallory Smith, Jonathan D. Crews, Nadia Cheek, Rachana Srivastava, Elumalai Appachi

Pediatrics Aug 2019, 144 (2) e20190601; DOI: 10.1542/peds.2019-0601

We report a case of severe hyperammonemia due to disseminated infection from *Ureaplasma parvum* in a 12-year-old child with leukemia.

[PDF](#)

Successful Treatment of Juvenile Polyposis of Infancy With Sirolimus

Veronica B. Busoni, Marina Orsi, Pablo A. Lobos, Daniel D'Agostino, Marta Wagener, Paola De la Iglesia, Victor L. Fox

Pediatrics Aug 2019, 144 (2) e20182922; DOI: 10.1542/peds.2018-2922

We report herein a successful drug therapy for JPI, a devastating and life-threatening condition.

[PDF](#)

The Challenge of Treating Pulmonary Vasculitis in Behçet Disease: Two Pediatric Cases

Selcan Demir, Erdal Sag, Ummusen Kaya Akca, Tuncay Hazirolan, Yelda Bilginer, Seza Ozen

Pediatrics Aug 2019, 144 (2) e20190162; DOI: 10.1542/peds.2019-0162

We reported 2 pediatric patients with BD with pulmonary vasculitis,

treated successfully with an aggressive immunosuppressive modality, and we have done a systematic review.

[□ PDF](#)

Errata

□ Kumar J, Dutta S, Sundaram V, Saini SS, Sharma RR, Varma N. Platelet Transfusion for PDA Closure in Preterm Infants: A Randomized Controlled Trial. *Pediatrics*. 2019;143(5):e20182565

Pediatrics Aug 2019, 144 (2) e20191712; **DOI:** 10.1542/peds.2019-1712

[□ PDF](#)

Letters to the Editor

□ DTC Use Discouragement Is Unrealistic Despite Real Concerns About Antibiotics

Aditi U. Joshi

Pediatrics Aug 2019, 144 (2) e20191786A; **DOI:** 10.1542/peds.2019-1786A

[□ PDF](#)

□ RE: Antibiotic Prescribing During Pediatric Direct-to-Consumer Telemedicine Visits

Adam L. Hersh, Edward Stenehjem, Will Daines

Pediatrics Aug 2019, 144 (2) e20191786B; **DOI:** 10.1542/peds.2019-1786B

[□ PDF](#)

□ Authors' Response

Kristin N. Ray, Lori Uscher-Pines, Ateev Mehrotra

Pediatrics Aug 2019, 144 (2) e20191786C; **DOI:** 10.1542/peds.2019-1786C

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