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Home > **January 2020 - Volume 95 - Issue 1**

[< Previous Issue](#) | [Next Issue >](#)



January 2020 - Volume 95 - Issue 1

[Table of Contents Outline](#)

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[From the Editor](#)

Our Journal, *Academic Medicine*

Roberts, Laura Weiss

Academic Medicine. 95(1):1-2, January 2020.

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[Table of Contents Outline](#) | [Back to Top](#)

 Acknowledgment of Academic Medicine Reviewers

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Academic Medicine. 95(1):3-6, January 2020.

 [Favorites](#)  [PDF](#)  [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

 Letters to the Editor

Benefits of the ECFMG 2023 Accreditation Requirement

Pinsky, William W.

Academic Medicine. 95(1):7, January 2020.

 [Favorites](#)  [PDF](#)  [Get Content & Permissions](#)

In Reply to Pinsky

Tackett, Sean

Academic Medicine. 95(1):7, January 2020.

 [Favorites](#)  [PDF](#)  [Get Content & Permissions](#)

Examining Integrity in the Match Process

Goyal, Hemant; Parish, David C.; Grimsley, Edwin W.

Academic Medicine. 95(1):8, January 2020.

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Examining Integrity in the Match Process

Signer, Mona M.; Curtin, Laurie S.

Academic Medicine. 95(1):8-9, January 2020.

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In Reply to Signer and Curtin and to Goyal et al

Chimienti, Sonia N.; DeMarco, Deborah M.; Flotte, Terence R.; [More](#)

Academic Medicine. 95(1):9, January 2020.

[Favorites](#) [PDF](#) [Get Content & Permissions](#)

Acknowledging a Holistic Framework for Learner Wellness: The Human Capabilities Approach

Kassam, Aliya; Ellaway, Rachel

Academic Medicine. 95(1):9-10, January 2020.

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In Reply to Kassam and Ellaway

Gengoux, Grace W.; Roberts, Laura Weiss

Academic Medicine. 95(1):10, January 2020.

[Favorites](#) [PDF](#) [Get Content & Permissions](#)

Competing Curricular Priorities: Business School vs Medical School

Rosenow, Christian; Khurana, Aditya

Academic Medicine. 95(1):10-11, January 2020.

[Favorites](#) [PDF](#) [Get Content & Permissions](#)

It Is Time to Stop Linking Burnout, Depression, and Medical Errors

Lawson, Nicholas D.

Academic Medicine. 95(1):11, January 2020.

[Favorites](#) [PDF](#) [Get Content & Permissions](#)

In Reply to Lawson

Calaman, Sharon; Brunsberg, Katherine A.; Landrigan, Christopher P.

Academic Medicine. 95(1):11-12, January 2020.

[Favorites](#) [PDF](#) [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

 Invited Commentaries

The Importance of Lobbying to Advance Health and Science Policy

Willson, Peters D.

Academic Medicine. 95(1):13-15, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

The Inevitable Interim: Transitional Leaders in Academic Medicine

Merritt, Chris; Clyne, Brian

Academic Medicine. 95(1):16-19, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Illuminating Shadows: The Power of Learning by Observing

Ende, Jack

Academic Medicine. 95(1):20-21, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

Perspectives

Medical Spanish Standardization in U.S. Medical Schools: Consensus Statement From a Multidisciplinary Expert Panel

Ortega, Pilar; Diamond, Lisa; Alemán, Marco A.; [More](#)

Academic Medicine. 95(1):22-31, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

Rethinking Goals: Transforming Short-Term Global Health Experiences Into Engagements

Ventres, William B.; Wilson, Brenda K.

Academic Medicine. 95(1):32-36, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Leveraging Economies of Scale via Collaborative Interdisciplinary Global Health Tracks (CIGHTs): Lessons From Three Programs

McHenry, Megan S.; Baenziger, Jennifer T.H.; Zbar, Lori G.; [More](#)

Academic Medicine. 95(1):37-43, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

Articles

Academic Advocacy: Opportunities to Influence Health and Science Policy Under U.S. Lobbying Law

Fernandez Lynch, Holly; Bateman-House, Alison; Rivera, Suzanne M.

Academic Medicine. 95(1):44-51, January 2020.

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[BLOG](#)

Open Office Space: The Wave of the Future for Academic Health Centers?

Barnes, Janice; Wineman, Jean; Adler, Nancy

Academic Medicine. 95(1):52-58, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

[Table of Contents Outline](#) | [Back to Top](#)

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Home > January 2020 - Volume 95 - Issue 1

< Previous Issue | Next Issue >



January 2020 - Volume 95 - Issue 1

- Table of Contents Outline
- Subscribe to eTOC
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Articles

Building the Bridge to Quality: An Urgent Call to Integrate Quality Improvement and Patient Safety Education With Clinical Care

Wong, Brian M.; Baum, Karyn D.; Headrick, Linda A.; [More](#)

Academic Medicine. 95(1):59-68, January 2020.

- Abstract
- Favorites
- PDF
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Artist’s Statement: DNA

Quetawki, Mallery

Academic Medicine. 95(1):69, January 2020.

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[Table of Contents Outline](#) | [Back to Top](#)

 Medicine and the Arts

I Thought I Knew

Tolaymat, Beshar

Academic Medicine. 95(1):70, January 2020.

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Commentary on “I Thought I Knew”

Tolaymat, Beshar

Academic Medicine. 95(1):71, January 2020.

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[Table of Contents Outline](#) | [Back to Top](#)

 Innovation Reports

**Broadening Medical Students’ Exposure to the Range of Illness Experiences:
A Pilot Curriculum Focused on Depression Education**

Pandhi, Nancy; Gaines, Martha; Deci, David; [More](#)

Academic Medicine. 95(1):72-76, January 2020.

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Developing and Implementing Curricular Objectives for Sexual Health in Undergraduate Medical Education: A Practical Approach

Stumbar, Sarah E.; Brown, David R.; Lupi, Carla S.

Academic Medicine. 95(1):77-82, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

Teaching and Learning Moments

The Death and Birth of a Physician

Langlieb, Marin

Academic Medicine. 95(1):76, January 2020.

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[BLOG](#)

The Transformative Power of Teaching and Learning

Vanderford, Nathan L.

Academic Medicine. 95(1):144, January 2020.

[Favorites](#) [PDF](#) [Get Content & Permissions](#)

[BLOG](#)

[Table of Contents Outline](#) | [Back to Top](#)

Research Reports

Financial and Clinical Impact of Transfer Patients at Major Teaching Hospitals

Baker, Matthew C.; Koopman, Christopher J.; Landman, James H.; [More](#)

Academic Medicine. 95(1):83-88, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Independent and Interwoven: A Qualitative Exploration of Residents' Experiences With Educational Podcasts

Riddell, Jeffrey; Robins, Lynne; Brown, Alisha; [More](#)

Academic Medicine. 95(1):89-96, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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BLOG

Using Longitudinal Milestones Data and Learning Analytics to Facilitate the Professional Development of Residents: Early Lessons From Three Specialties

Holmboe, Eric S.; Yamazaki, Kenji; Nasca, Thomas J.; [More](#)

Academic Medicine. 95(1):97-103, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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What Makes the “Perfect” Inpatient Consultation? A Qualitative Analysis of Resident and Fellow Perspectives

Pavitt, Sara; Bogetz, Alyssa; Blankenburg, Rebecca

Academic Medicine. 95(1):104-110, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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Effects of Moving the United States Medical Licensing Examination Step 1 After Core Clerkships on Step 2 Clinical Knowledge Performance

Jurich, Daniel; Santen, Sally A.; Paniagua, Miguel; [More](#)

Academic Medicine. 95(1):111-121, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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“Getting Out of That Siloed Mentality Early”: Interprofessional Learning in a Longitudinal Placement for Early Medical Students

Rivera, Josette; O'Brien, Bridget; Wamsley, Maria

Academic Medicine. 95(1):122-128, January 2020.

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[SDC](#)

[BLOG](#)

Validity Evidence for a Knowledge Assessment Tool for a Mastery Learning Scrub Training Curriculum

Hasty, Brittany N.; Lau, James N.; Tekian, Ara; [More](#)

Academic Medicine. 95(1):129-135, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

Teaching Systems Improvement to Early Medical Students: Strategies and Lessons Learned

Harbell, Monica W.; Li, Descartes; Boscardin, Christy; [More](#)

Academic Medicine. 95(1):136-144, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

How to Use Cognitively Diagnostic Assessments of Student Performance as a Method for Monitoring and Managing the Instructional Quality in Undergraduate Medical Education

Bangeranye, Catherine; Lim, Youn Seon

Academic Medicine. 95(1):145-150, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Correction: Aligning and Applying the Paradigms and Practices of Education

Academic Medicine. 95(1):150, January 2020.

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Examinee Cohort Size and Item Analysis Guidelines for Health Professions Education Programs: A Monte Carlo Simulation Study

Aubin, André-Sébastien; Young, Meredith; Eva, Kevin; [More](#)

Academic Medicine. 95(1):151-156, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

☐ Reviews

Uncertainty in Decision Making in Medicine: A Scoping Review and Thematic Analysis of Conceptual Models

Helou, Marieka A.; DiazGranados, Deborah; Ryan, Michael S.; [More](#)

Academic Medicine. 95(1):157-165, January 2020.

☐ [Abstract](#) ☐ [Favorites](#) ☐ [PDF](#) ☐ [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

1

2

3

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Home > January 2020 - Volume 95 - Issue 1

< Previous Issue | Next Issue >



January 2020 - Volume 95 - Issue 1

- Table of Contents Outline
- Subscribe to eTOC
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AM Last Page

The Delphi Method

Humphrey-Murto, Susan; Wood, Timothy J.; Gonsalves, Carol; [More](#)

Academic Medicine. 95(1):168, January 2020.

- ☐ Favorites
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[Table of Contents Outline](#) | [Back to Top](#)

- 1
- 2
- 3

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January 1, 2020

[Previous Issue](#) | [Next Issue](#)

Articles

[Adolescent Idiopathic Scoliosis:
Common Questions and Answers](#)

[Take the CME Quiz](#)

Angela L. Kuznia; Anita K. Hernandez; Lydia U. Lee

[Benign Anorectal Conditions: Evaluation and Management](#)

Mark W. Cohee; Ashlee Hurff; John D. Gazewood

[Lymphoma: Diagnosis and Treatment](#)

William D. Lewis; Seth Lilly; Kristin L. Jones

Departments

Editorials: [Breast Implant—Associated Anaplastic Large Cell
Lymphoma - Free Full Text](#)

Binita S. Ashar; Sung W. Yoon; Steven Nagel

AFP Clinical Answers: [Warfarin Dosages, PCOS, Varicose
Veins, Gastroenteritis in Children, Plantar Fasciitis](#)

Graham Center Policy One-Pagers: [A Shrinking Primary Care
Workforce in Puerto Rico - Free Full Text](#)

Elizabeth Wilkinson; David Killeen; Gabriel Jose Perez-Lopez;
Yalda Jabbarpour

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Cochrane for Clinicians: [Positional Therapy for Obstructive Sleep Apnea](#)

Karl T. Clebak; Theodore J. Demetriou; Stephanie Carey

Cochrane for Clinicians: [Intrapartum Omega-3 Fatty Acid Intake and Length of Gestation](#)

Corey D. Fogleman; Melody Martin

FPIN's Clinical Inquiries: [Exercise to Reduce Falls in Older Adults](#)

Ginger Poulton; Brittany Funderburke Matney; Travis Williams; Stephen Hulkower; Sue Stigleman

Diagnostic Tests: What Physicians Need to Know: [PLAC Test for Lp-PLA₂ Activity to Predict Coronary Heart Disease](#)

Jennifer G. Chang

Photo Quiz: [Nodules on the Knuckles](#)

Micah Pippin

Curbside Consultation: [Tapering Long-Term Opioid Therapy](#)

Anna Lembke

Practice Guidelines: [Beers Criteria for Inappropriate Medication Use in Older Patients: An Update from the AGS](#)

Lisa M. Croke

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Medicine by the Numbers: [Branched-chain Amino Acids for Patients with Hepatic Encephalopathy](#)

Ahmed Hamed; Amira Hamed; Karissa Lambert

Patient Information

[Lymphoma: Diagnosis and Treatment - Free Full Text](#)

POEMS

[Adding Ultrasonography to Mammography Increases False-Positive Findings Without an Increase in Cancer Detection](#)

[Fasting and Nonfasting Lipid Levels Similarly Predict Cardiovascular Disease Risk](#)

[C-Reactive Protein Guidance Safely Reduces Antibiotic Use in Patients with Acute Exacerbation of COPD](#)

[Addition of Steroids Improves Outcomes in Children and Adults with CAP](#)

LETTERS TO THE EDITOR

[Positive Chest Radiograph Findings Are Not Enough to Warrant](#)

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[Antibiotics in Patients with Acute Cough - Free Full Text](#)

Michael Tanael
Reply: Mark H. Ebell

[Screening for Atrial Fibrillation to Initiate Stroke-Protective Therapy - Free Full Text](#)

Emma Svennberg; Johan Engdahl; Marten Rosenqvist
Reply: John Mandrola; Andrew Foy

[Physicians Can Help Patients Begin Grieving Process for Loss of a Loved One - Free Full Text](#)

Jonathan Rosen
Reply: Steve Dudley

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January 15, 2020

[Previous Issue](#) | [Next Issue](#)

Articles

[Functional Dyspepsia: Evaluation and Management](#)

[Take the CME Quiz](#)

Anne Mounsey; Amir Barzin; Ashley Rietz

[Short-Term Systemic Corticosteroids: Appropriate Use in Primary Care](#)

Evan L. Dvorin; Mark H. Ebell

[Muscle Weakness in Adults: Evaluation and Differential Diagnosis](#)

Scott T. Larson; Jason Wilbur

Departments

AFP Clinical Answers: [Depression After ACS](#), [Amenorrhea](#), [Physical Activity](#), [Heart Failure](#), [Erythema Multiforme](#)

Editorials: [America Needs More Family Doctors: The 25x2030 Collaborative Aims to Get More Medical Students into Family Medicine](#) - [Free Full Text](#)

Jacob Prunuske

U.S. Preventive Services Task Force: [Screening for Hepatitis B Virus Infection in Pregnant Women: Recommendation](#)

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Iris Mabry-Hernandez; Lily D. Yan

Photo Quiz: [Acute Heart Failure in a 39-Year-Old Man](#)

Drew Ashby; Franklin Niblock; Kenneth Herring; Logan Mims

FPIN's Help Desk Answers: [Pain Medications Before IUD Placement](#)

Kyaw Naing; Sonal Shah

STEPS: [Revefenacin \(Yupelri\) for the Treatment of Chronic Obstructive Pulmonary Disease](#)

Joanne Wilkinson; Ronald Tutalo

Practice Guidelines: [Management of Atrial Fibrillation: Updated Guidance from the AHA, ACC, and HRS](#)

Lisa M. Croke

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LETTERS TO THE EDITOR

[Identify Patients Likely to Benefit from Lung Cancer Screening](#) - Free Full Text

Abbie Begnaud; Joseph Leishman; Tanner J. Caverly

Reply: Andy Lazris; Alan R. Roth

[Lung Cancer Screening Effective for Reducing Cancer Deaths](#) - Free Full Text

Rachel K. Lim; Andrea Borondy Kitts; Alain Tremblay

Reply: Andy Lazris; Alan R. Roth

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JANUARY 2020 ■ Volume 222, Number 1

EDITORIAL

1 Naltrexone use in pregnancy: a time for change

Steve N. Caritis; Raman Venkataramanan

➤ Related article, page 83

EXPERT REVIEWS

3 Evolution of the human pelvis and obstructed labor: new explanations of an old obstetrical dilemma

Mihaela Pavličev; Roberto Romero; Philipp Mitteroecker

The authors address how evolutionary models of the human pelvis contribute to understanding and decision making in obstetrics and gynecology as well as in devising health care policies.

17 The physiology of intrapartum fetal compromise at term

Jessica M. Turner; Murray D. Mitchell; Sailesh S. Kumar

The etiology of intrapartum fetal compromise is multifactorial; however, placental dysfunction is a major factor.

SYSTEMATIC REVIEWS

27 Maternal disability and risk for pregnancy, delivery, and postpartum complications: a systematic review and meta-analysis

Lesley A. Tarasoff; Saranyah Ravindran; Hannan Malik; Dinara Salaeva; Hilary K. Brown

Women with physical, sensory, and intellectual and developmental disabilities may be at greater risk for pregnancy, delivery, and postpartum complications than women without these disabilities.

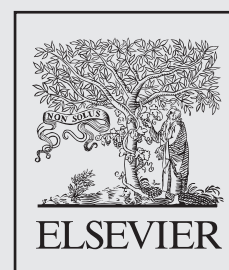
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(continued)

CLINICAL OPINION

- 41** The use of a hybrid mannequin for the modern high-fidelity simulation in the labor ward: the Italian experience of the Ecografia Gestione Emergenze Ostetriche (EGEO) group



Tullio Ghi; Giuseppe Rizzo; on behalf of the EGEO Group

A hybrid mannequin suitable for both clinical maneuvers and ultrasound examination seems to be the most appropriate tool for modern high-fidelity simulation in the management of intrapartum complications.

- 48** Amniotic fluid embolism: principles of early clinical management

Luis D. Pacheco; Steven L. Clark; Miranda Klassen; Gary D. V. Hankins

We describe key features of initial treatment of patients with amniotic fluid embolism.

CALL TO ACTION

- 53** Undetectable equals untransmittable (U = U): implications for preconception counseling for human immunodeficiency virus serodiscordant couples

Shweta J. Bhatt; Nataki Douglas

Preconception counseling of HIV serodiscordant couples should include the discussion of available reproductive options including timed condomless intercourse if the viral load is undetectable.

ORIGINAL RESEARCH

Articles abstracted in this issue appear in full at ajog.org

GYNECOLOGY

- 56** Serum HE4 and diagnosis of ovarian cancer in postmenopausal women with adnexal masses



Aleksandra Gentry-Maharaj; Matthew Burnell; James Dilley; Andy Ryan; Chloe Karpinsky; Richard Gunu; Susan Mallett; Jon Deeks; Stuart Campbell; Ian Jacobs; Sudha Sundar; Usha Menon

Human epididymis 4 adds little value to concurrent use of CA125 and transvaginal ultrasound in differential diagnosis of ovarian cancer in postmenopausal women with adnexal masses.

- 58** Effect of regionalization of endometrial cancer care on site of care and patient travel

Anne Knisely; Yongmei Huang; Alexander Melamed; Ana I. Tergas; Caryn M. St. Clair; June Y. Hou; Fady Khoury-Collado; Cande V. Ananth; Alfred I. Neugut; Dawn L. Hershman; Jason D. Wright

Centralization of endometrial cancer care in New York State has led to increased travel distance for patients, especially white patients and those with private insurance.

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ORIGINAL RESEARCH *(continued)***60** Preoperative predictors of endometrial cancer at time of hysterectomy for endometrial intraepithelial neoplasia or complex atypical hyperplasia

Monica Hagan Vetter; Blair Smith; Jason Benedict; Erinn M. Hade; Kristin Bixel; Larry J. Copeland; David E. Cohn; Jeffrey M. Fowler; David O'Malley; Ritu Salani; Floor J. Backes

Endometrial stripe thickness on preoperative ultrasound is predictive of concurrent uterine adenocarcinoma at time of hysterectomy for endometrial intraepithelial neoplasia.

62 Pelvic floor muscle strength and the incidence of pelvic floor disorders after vaginal and cesarean delivery

Joan L. Blomquist; Megan Carroll; Alvaro Muñoz; Victoria L. Handa

Among women who had at least 1 vaginal delivery, reduced pelvic floor muscle strength was associated with an increased incidence of stress urinary incontinence, overactive bladder, and pelvic organ prolapse.

64 Copper ions are novel therapeutic agents for uterine leiomyosarcoma

Mamoru Kakuda; Shinya Matsuzaki; Yutaka Ueda; Mayu Shiomi; Satoko Matsuzaki; Toshihiro Kimura; Masami Fujita; Tomomi Egawa-Takata; Eiji Kobayashi; Satoshi Serada; Kiyoshi Yoshino; Tetsuji Naka; Tadashi Kimura

Pretreatment with copper sulfate before cisplatin administration improved platinum sensitivity in preclinical studies.

66 Impact of implementation of an enhanced recovery program in gynecologic surgery on healthcare costs

Ross F. Harrison; Yao Li; Alexis Guzman; Brandelyn Pitcher; Andrea Rodriguez-Restrepo; Katherine E. Cain; Maria D. Iniesta; Javier D. Lasala; Pedro T. Ramirez; Larissa A. Meyer

Lower healthcare costs were seen in the postoperative care of women undergoing surgery for a suspected gynecologic cancer after implementation of an enhanced recovery after surgery program.

68 Hyperglycosylated human chorionic gonadotropin as a predictor of ongoing pregnancy

Paula C. Brady; Leslie V. Farland; Catherine Racowsky; Elizabeth S. Ginsburg

In fresh/frozen blastocyst transfers, mean hCG-H and the proportion of total hCG were significantly higher in ongoing vs failed pregnancies; hCG-H may have potential as a very early predictor of IVF outcomes.

70 Evaluating the discordant relationship between Tarlov cysts and symptoms of pudendal neuralgia

Victoria M. Lim; Rohit Khanna; Olga Kalinkin; Mario E. Castellanos; Michael Hibner

Tarlov cysts are likely not the etiology of pudendal nerve pain, yet both could be due to similar pathogenesis from a focal or generalized condition.

(continued)

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(continued)

ORIGINAL RESEARCH (continued)

OBSTETRICS

71 “New or not-so-new” labor management practices and cesarean delivery for arrest of progress

David B. Nelson; James M. Alexander; Donald D. McIntire; Kenneth J. Leveno
More than a decade before publication of the *Obstetric Care Consensus: Safe Prevention of the Primary Cesarean*, 95% of cesarean deliveries for arrest of dilatation in university centers were performed at the recommended ≥ 6 cm cervical dilation or after ≥ 6 hours of labor stimulation. Implementation of the *Consensus* recommendations are unlikely to reduce the rate of cesarean delivery.

73 Should women with gestational diabetes be screened at delivery hospitalization for type 2 diabetes?

Thaddeus P. Waters; Shin Y. Kim; Erika Werner; Cheryl Dinglas; Ebony B. Carter; Roshni Patel; Andrea J. Sharma; Patrick Catalano
A normal OGTT during the delivery hospitalization appears to exclude postpartum type 2 diabetes mellitus.

75 Risks of cause-specific mortality in offspring of pregnancies complicated by hypertensive disease of pregnancy

Ibrahim A. Hammad; Huong Meeks; Alison Fraser; Lauren H. Theilen; M. Sean Esplin; Ken R. Smith; Michael W. Varner
Offspring of pregnancies complicated by hypertensive disease of pregnancy are at greater risk of early mortality.

77 Planned vaginal delivery and cardiovascular morbidity in pregnant women with heart disease

Sarah Rae Easter; Caroline E. Rouse; Valeria Duarte; Jenna S. Hynes; Michael N. Singh; Michael J. Landzberg; Anne Marie Valente; Katherine E. Economy
Planned vaginal birth including a trial of Valsalva appears safe for women with cardiovascular disease in pregnancy with lower rates of morbidity than previously reported.

79 Fetal cardiac remodeling and dysfunction is associated with both preeclampsia and fetal growth restriction

Lina Youssef; Jezid Miranda; Cristina Paules; Laura Garcia-Otero; Kilian Vellvé; Grigorios Kalapotharakos; Alvaro Sepulveda-Martinez; Francesca Crovetto; Olga Gomez; Eduard Gratacós; Fatima Crispi
We observed signs of fetal cardiac remodeling and dysfunction, in the form of altered echocardiographic parameters and cord blood myocardial biomarkers, in fetuses of preeclamptic mothers, independently of their growth pattern, similar to those reported in isolated fetal growth restriction.

81 The utility of MRI for measuring hematocrit in fetal anemia

Jiawei Xu; An Qi Duan; Davide Marini; Jessie Mei Lim; Johannes Keunen; Sharon Portnoy; John G. Sled; Brian W. McCrindle; John Kingdom; Christopher K. Macgowan; Mike Seed
Fetal hematocrit can be measured by magnetic resonance imaging and could enhance the management of patients with fetal anemia by avoiding the need for unnecessary fetal blood sampling.

ORIGINAL RESEARCH *(continued)***83** Use of naltrexone in treating opioid use disorder in pregnancy

Craig V. Towers; Emily Katz; Beth Weitz; Kevin Visconti

Naltrexone use is a viable option as a form of medication-assisted treatment in the treatment of some pregnant patients with opioid use disorder.

➤ Related editorial, page 1

IMAGES IN GYNECOLOGY

85 Rare case of a massive uterine arteriovenous fistula

Jacob M. Core; Aakriti R. Carrubba; Ricardo Paz-Fumagalli

Acquired arteriovenous fistulas of the uterus are a rare but serious cause of abnormal vaginal bleeding.

RESEARCH LETTERS

87 Paternal bias: The impact of not accounting for paternal confounders in reproductive epidemiological studies

Andrea Bellavia; Susanna D. Mitro; Russ Hauser; Tamarra James-Todd

88 The impact of induction of labor at 39 weeks in low-risk women on the incidence of stillbirth

Gaia Po'; Emily A. Oliver; Uma M. Reddy; Robert M. Silver; Vincenzo Berghella

90 Barriers to care and reproductive considerations for transmasculine gender affirming surgery

Monica Mendiola; Jennifer Chu; Miriam J. Haviland; Marybeth Meserve; Michele R. Hacker; Yvonne Gomez-Carrion

LETTERS TO THE EDITORS

93 Hysterectomy and the risk of osteoporosis

Abraham N. Morse

Reply, page 93

Hyo Geun Choi; Suk Woo Lee

94 New horizons of sentinel lymph node technique in early ovarian cancer

Victor Lago; Santiago Domingo

Reply, page 94

Stefano Uccella; Anna Fagotti; Giovanni Scambia

95 Formal assessment of the learning curve for minimally invasive methods is vital in retrospective cohort studies

Gijs I. Van Boxel; B. Feike Kingma; Jelle P. Ruurda

Reply, page 96

Maria C. Cusimano; Sarah E. Ferguson

*(continued)*Advisory Board *(continued)*Robert L. Goldenberg, MD
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LETTERS TO THE EDITORS *(continued)*

97 Reduction in umbilical artery metabolic acidosis after implementation of intrapartum ST waveform analysis of the fetal electrocardiogram

Vincenzo Zanardo; Michela Vettore; Gianluca Straface

Reply, page 98

Anadeijda J. E. M. C. Landman; Anneke Kwee

99 Early amniotomy for induction of labor: a trial sequential analysis

Li-Ping Feng; Hong-Lin Chen

Reply, page 100

Gabriele Saccone; Valentino De Vivo; Vincenzo Berghella

CORRECTION

84 October 2011 (vol. 205, no. 4, pages 362.e4-.e6)

Parts of several figures are relabeled and described in an original research article published in October 2011.

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Schedule of Oral Presentations 5A

ORAL AND POSTER SESSIONS**THURSDAY, February 6****7:30 AM–7:45 AM Welcome from President and Program Chair Address****7:45 AM–8:00 AM Special Presentation by Nina Martin, Reporter, ProPublica****8:00 AM–10:00 AM Oral Session I (Plenary)**
*Abstracts 1-8 | Grapevine Ballroom S1***10:00 AM–10:30 AM Late breaking research presentations**
*Abstracts LB1-LB2 | Grapevine Ballroom S755***10:30 AM–12:00 PM Poster Session I**
*Abstracts 101-325 | Longhorn Hall D-F S82***1:15 PM–3:45 PM Oral Concurrent Sessions**
Session 1 Prematurity
*Abstracts 9-18 | Grapevine B, D, 4-6 S8***Session 2 Hypertension**
*Abstracts 19-28 | Grapevine A, 1-3 S18***Session 3 Labor**
*Abstracts 29-38 | Grapevine C S25***3:45 PM–5:15 PM Poster Session II**
*Abstracts 326-550 | Longhorn Hall D-F S219***FRIDAY, February 7****7:30 AM–8:00 AM Foundation for SMFM Chair Address****8:00 AM–10:00 AM Oral Session II (Fellows Plenary)**
Abstracts 39-46 | Grapevine Ballroom S33

(continued on page 2A)

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46th Annual Meeting
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 Kissimmee (Orlando), FL

47th Annual Meeting
The Pregnancy Meeting™

February 1-6, 2027
 New Orleans Ernest N. Morial
 Convention Center
 New Orleans, LA

ORAL AND POSTER SESSIONS (continued from page 1A)

10:00 AM–10:30 AM **Late breaking research presentations**
Abstracts LB3-LB4 | Grapevine Ballroom S758

10:30 AM–12:00 PM **Poster Session III**
Abstracts 551-775 | Longhorn Hall D-F S354

1:15 PM–3:45 PM **Oral Concurrent Sessions**
Session 4 **Infectious Disease and Neonatology**
Abstracts 47-56 | Grapevine B, D, 4-6 S40

Session 5 **Morbidity and Mortality**
Abstracts 57-66 | Grapevine A, 1-3 S48

Session 6 **Medical Complications**
Abstracts 67-76 | Grapevine C S57

3:45 PM–5:15 PM **Poster Session IV**
Abstracts 776-1000 | Longhorn Hall D-F S491

SATURDAY, February 8

8:00 AM–8:30 AM **Awards Ceremony for Thursday and Friday Sessions**

8:45 AM–10:45 AM **Oral Concurrent Sessions**
Session 7 **Ultrasound and Genetics**
Abstracts 77-84 | Grapevine B, D, 4-6 S64

Session 8 **Basic Science**
Abstracts 85-92 | Grapevine A, 1-3 S70

Session 9 **Fetal Physiology and Intervention**
Abstracts 93-100 | Grapevine C S76

11:30 AM–1:00 PM **Poster Session V**
Abstracts 1001-1226 | Longhorn Hall E-F S623

Subject Index 17A

Author Index 19A

Institutional Index 35A

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Research Articles

Impacts of Medicaid Expansion on Health Among Women of Reproductive Age

Claire E. Margerison, Colleen L. MacCallum, Jiajia Chen, Yasamean Zamani-Hank, Robert Kaestner

p1–11

Published online: November 20, 2019

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

The Association Between Gender Inequality and Sexual Violence in the U.S.

Megan C. Kearns, Ashley Schappell D'Inverno, Dennis E. Reidy

p12–20

Published online: November 20, 2019

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Long-term Results From the FRESH RCT: Sustained Reduction of Children's Tobacco Smoke Exposure

Bradley N. Collins, Uma S. Nair, Katie I. DiSantis, Melbourne F. Hovell, Samantha M. Davis, Daniel Rodriguez, Janet Audrain-McGovern

p21–30

Published online: November 21, 2019

[Full-Text HTML](#) | [PDF](#)

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Browse By Issue

2020 - present

Vol. 58

February 2020 Issue 2, p165-312

[List of Issues](#)

Go

https://www.ajpmonline.org/issue/S0749-3797(18)X0009-9[2/13/2020 11:49:41 AM]

Under-Represented Populations

Natalie A. Rivadeneira, Mekhala Hoskote, Gem M. Le, Tung T. Nguyen, Anna María Nápoles, Rena J. Pasick, Urmimala Sarkar, Robert A. Hiatt
e1–e9

Published in issue: January 2020

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Childhood Food Involvement: Protection Against Food Insecurity in Young Adulthood

Julia A. Wolfson, Noura Insolera, Alicia J. Cohen
p31–40

Published in issue: January 2020

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Tobacco-Free Pharmacies and U.S. Adult Smoking Behavior: Evidence From CVS Health's Removal of Tobacco Sales

Fatma Romeh M. Ali, Linda Neff, Xu Wang, S. Sean Hu, Anna Schecter, Margaret Mahoney, Paul C. Melstrom
p41–49

Published online: November 20, 2019

[Full-Text HTML](#) | [PDF](#)

Opioid Deaths and Local Healthcare Intensity: A Longitudinal Analysis of the U.S. Population, 2003–2014

Dajun Lin, Siying Liu, Christopher J. Ruhm
p50–58

Published in issue: January 2020

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Sexual Orientation Disparities in Substance Use: Investigating Social Stress Mechanisms in a National Sample



Evan A. Krueger, Jessica N. Fish, Dawn M. Upchurch
p59–68

Published online: November 20, 2019

[Full-Text HTML](#) | [PDF](#)

Sugary Drink Consumption Among Children by Supplemental Nutrition Assistance Program Status



J. Wyatt Koma, Kelsey A. Vercammen, Marian P. Jarlenski, Johannah M. Frelief, Sara N. Bleich
p69–78

Published online: November 20, 2019

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Online Searching and Social Media to Detect Alcohol Use Risk at Population Scale

Elissa R. Weitzman, Kara M. Magane, Po-Hua Chen, Hadi Amiri, Timothy S. Naimi, Lauren E. Wisk
p79–88

Published online: December 1, 2019

[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Rural–Urban Differences in Access to Primary Care: Beyond the Usual Source of Care Provider



James B. Kirby, K. Robin Yabroff
p89–96

Published in issue: January 2020

[Full-Text HTML](#) | [PDF](#)

County Smoke-Free Laws and Cigarette Smoking Among U.S. Adults, 1995–2015

Sunday Azagba, Lingpeng Shan, Keely Latham
p97–106
Published online: November 13, 2019
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Characteristics Associated With U.S. Outpatient Opioid Analgesic Prescribing and Gabapentinoid Co-Prescribing



Christopher O. St. Clair, Natalia I. Golub, Yong Ma, Jaejoon Song, Scott K. Winiecki, David L. Menschik
e11–e19
Published in issue: January 2020
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Patient-Centered Medical Home and Up-To-Date on Screening for Breast and Colorectal Cancer

Young-Rock Hong, Zhigang Xie, Arch G. Mainous III, Jinhai Huo
p107–116
Published in issue: January 2020
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Racial/Ethnic Variations in Clustered Risk Behaviors in the U.S.



Won K. Cook, William C. Kerr, Katherine J. Karriker-Jaffe, Libo Li, Camillia K. Lui, Thomas K. Greenfield
e21–e29
Published in issue: January 2020
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Vaping, Smoking, and the Physical Fitness of Active Young Men



Eero Dinkeloo, Tyson L. Grier, Raina D. Brooks, Bruce H. Jones
e31–e37
Published online: November 21, 2019
[Full-Text HTML](#) | [PDF](#)

Research Briefs

Weight Gain of Service Members After Basic Military Training

Bryant J. Webber, Stefani A. Ruiz, Gerald W. Talcott, Melissa A. Little, Deborah F. Tate
p117–121
Published in issue: January 2020
[Full-Text HTML](#) | [PDF](#)

Use of ENDS and Cigarettes During Pregnancy

Summer Sherburne Hawkins, Blair Johnson Wylie, Michele R. Hacker
p122–128
Published in issue: January 2020
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Review Articles

Social Influence in the Uptake and Use of Electronic Cigarettes: A Systematic Review

Samia Amin, Adam G. Dunn, Liliana Laranjo
p129–141
Published online: November 20, 2019
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Text Message Interventions for Physical Activity: A Systematic Review and Meta-Analysis

Diana M. Smith, Laura Duque, Jeff C. Huffman, Brian C. Healy, Christopher M. Celano
p142–151
Published online: November 21, 2019
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Research Methods

Drop-And-Spin Virtual Neighborhood Auditing: Assessing Built Environment for Linkage to Health Studies

Jesse J. Plascak, Andrew G. Rundle, Riddhi A. Babel, Adana A.M. Llanos, Celine M. LaBelle, Antoinette M. Stroup, Stephen J. Mooney
p152–160
Published in issue: January 2020
[Full-Text HTML](#) | [PDF](#) | [Supplemental Materials](#)

Current Issues

Drug Decriminalization: A Matter of Justice and Equity, Not Just Health

Hakique N. Virani, Rebecca J. Haines-Saah
p161–164
Published online: November 15, 2019
[Full-Text HTML](#) | [PDF](#)

Frontmatter

Masthead

A1–A2
Published in issue: January 2020
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Documenting and Addressing the Health Impacts of Carceral Systems

Other Race/Ethnicity, Human Rights, Public Health Practice, Race/Ethnicity

David H. Cloud, Mary T. Bassett , Jasmine Graves , Robert E. Fullilove and Lauren Brinkley-Rubinstein

American Journal of Public Health: 110(S1), pp. S5–S5

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CONFLICTS OF INTEREST

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Mary T. Bassett

American Journal of Public Health: 110(S1), pp. S7–S8

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RIKERS ISLAND

Incarceration Harms Health: Homer Venters’s Book on Rikers Island Jails

Human Rights, Social Science, Ethics, Community Health

Hans Wolff and Robert Greifinger

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**Supplement 1 2020
Documenting and Addressing the
Health Impacts of Carceral Systems**

This supplement issue examines the public health concerns surrounding mass incarceration, with research and perspectives on improving health outcomes for justice-involved populations, psychological distress in solitary confinement, the links between mass incarceration and climate change, the public health implications of criminal justice reform, and more.

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SOCIAL-STRUCTURAL DRIVER

Reframing Mass Incarceration as a Social-Structural Driver of Health Inequity

Government, Human Rights, Public Health Practice, Socioeconomic Factors, Ethics, Race/Ethnicity, African Americans/Blacks

Lisa Bowleg

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Addressing Mass Incarceration to Achieve Health Equity

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George Hobor and Alonzo Plough

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OVERVIEW

Mass Incarceration as a Social-Structural Driver of Health Inequities: A Supplement to *AJPH*

Public Health Practice

Lauren Brinkley-Rubinstein and David H. Cloud

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ACADEMIA

The Role of Academic Public Health in Reducing Incarceration

Government, Health Education, Human Rights, Public Health Practice, Public Health Workers, Ethics

Daliah Heller and Sandro Galea

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Training the Next Generation of Researchers Dedicated to Improving Health Outcomes for Justice-Involved Populations

Other Health Service Delivery, HIV/AIDS, Health Education, Public Health Practice, Statistics/Evaluation/Research, Health Professionals, Health Service Delivery, Other Statistics/Evaluation/Research

Kathryn M. Nowotny, Melissa J. Zielinski , Kristi L. Stringer , Tracy Pugh , Elwin Wu, Lisa R. Metsch, Nabila El-Bassel , Amy S. Nunn and Curt G. Beckwith

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REPRODUCTIVE JUSTICE

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Other Race/Ethnicity, Human Rights, Socioeconomic Factors, Race/Ethnicity, Health Service Delivery, Maternal and Infant Health, Access to Care

Crystal M. Hayes, Carolyn Sufrin and Jamila B. Perritt

American Journal of Public Health: 110(S1), pp. S21–S24

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COMPASSIONATE RELEASE

Strategies to Optimize the Use of Compassionate Release From US Prisons

Aging, Human Rights, Health Policy, Ethics, Community Health

Stephanie Grace Prost and Brie Williams

American Journal of Public Health: 110(S1), pp. S25–S26

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WELL-BEING

Role of a US–Norway Exchange in Placing Health and Well-Being at the Center of US Prison Reform

Environment, Human Rights, Occupational Health, Prevention, Other Environment

Cyrus Ahalt, Craig Haney, Kim Ekhaugen and Brie Williams

American Journal of Public Health: 110(S1), pp. S27–S29

FA [Citation](#) | [Full Text](#) | [References](#) | [PDF \(502 KB\)](#) | [PDF Plus \(504 KB\)](#)

APHA

Applications of the American Public Health Association’s Statement on Addressing Law Enforcement Violence as a Public Health Issue

Other Race/Ethnicity, Public Health Practice, Socioeconomic Factors, Health Policy, Race/Ethnicity, Injury/Emergency Care/Violence

Catherine dP Duarte, Julianna G. Alson, Omid Bagheri Garakani and Christine M. Mitchell

American Journal of Public Health: 110(S1), pp. S30–S32

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EDUCATION

The Bard Prison Initiative: Education, Incarceration, and Public Health

Other Race/Ethnicity, Health Education, Public Health Practice, Public Health Workers, Health Professionals, Race/Ethnicity, Community Health

Robert E. Fullilove, Anibal Cortes, Richard Gamarra and Hancy Maxis

American Journal of Public Health: 110(S1), pp. S33–S34

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Connecting the Dots Between Mass Incarceration, Health Inequity, and Climate Change

Environment, Climate Change, Housing and Health, Prevention, Urban Health, Public Health Practice, Socioeconomic Factors

Seth J. Prins and Brett Story

FA American Journal of Public Health: 110(S1), pp. S35–S36
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Human Rights, Urban Health, Socioeconomic Factors, Community Health, Health
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An Overlooked Crisis: Extreme Temperature Exposures in Incarceration Settings

Environment, Climate Change, Epidemiology

Julianne Skarha, Meghan Peterson , Josiah D. Rich and David Dosa
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Jaquelyn L. Jahn
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Incarceration Rates and Incidence of Sexually Transmitted Infections in US Counties, 2011–2016

Other Race/Ethnicity, Sexual Health, Social Science, Epidemiology, Race/Ethnicity

Kathryn M. Nowotny, Marisa Omori, Melanie McKenna and Joshua Kleinman

American Journal of Public Health: 110(S1), pp. S130–S136

FA Abstract | Full Text | References | PDF (784 KB) | PDF Plus (821 KB) | Supplemental Material

HOUSING

Quantifying the Restrictiveness of Local Housing Authority Policies Toward People With Criminal Justice Histories: United States, 2009–2018

Environment, Housing and Health, Health Policy

Jonathan Purtle, Luwam T. Gebrekristos, Danya Keene, Penelope Schlesinger, Linda Niccolai and Kim M. Blankenship

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PREVENTIVE HEALTH CARE

Mass Incarceration and Subsequent Preventive Health Care: Mechanisms and Racial/Ethnic Disparities

Other Race/Ethnicity, Social Science, Race/Ethnicity, Health Service Delivery, Access to Care

Alex O. Widdowson and Benjamin W. Fisher

American Journal of Public Health: 110(S1), pp. S145–S151

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STREET WORKERS

Exposure to Police and Client Violence Among Incarcerated Female Sex Workers in Baltimore City, Maryland

Sexual Health, Women's Health, Gender

Anne E. Fehrenbacher, Ju Nyeong Park , Katherine H. A. Footer, Bradley E. Silberzahn , Sean T. Allen and Susan G. Sherman

American Journal of Public Health: 110(S1), pp. S152–S159

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POLICE

Negative Police Encounters and Police Avoidance as Pathways to Depressive Symptoms Among US Black Men, 2015–2016

Mental Health, Urban Health, Race/Ethnicity, African Americans/Blacks

Lisa Bowleg, Ana Maria del Río-González , Mary Mbaba , Cheriko A. Boone and Sidney L. Holt

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AJPH EDITOR’S CHOICE

Documenting and Addressing the Health Impacts of Carceral Systems

Other Race/Ethnicity, Human Rights, Public Health Practice, Race/Ethnicity

David H. Cloud, Mary T. Bassett , Jasmine Graves , Robert E. Fullilove and Lauren Brinkley-Rubinstein

American Journal of Public Health: 110(S1), pp. S5–S5

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AJPH MASS INCARCERATION

CONFLICTS OF INTEREST

American Journal of Public Health: 110(S1), pp. S6–S6

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POLICING

Public Health Addresses Police Violence: A Beginning

History, Prevention, Public Health Practice, Writing/Reviewing/Publishing, Community Health, Injury/Emergency Care/Violence

Mary T. Bassett

American Journal of Public Health: 110(S1), pp. S7–S8

FA Citation | Full Text | References | PDF (515 KB) | PDF Plus (486 KB)

RIKERS ISLAND

Incarceration Harms Health: Homer Venters’s Book on Rikers Island Jails

Human Rights, Social Science, Ethics, Community Health

Hans Wolff and Robert Greifinger

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Supplement 1 2020
Documenting and Addressing the Health Impacts of Carceral Systems

This supplement issue examines the public health concerns surrounding mass incarceration, with research and perspectives on improving health outcomes for justice-involved populations, psychological distress in solitary confinement, the links between mass incarceration and climate change, the public health implications of criminal justice reform, and more.

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SOCIAL-STRUCTURAL DRIVER

Reframing Mass Incarceration as a Social-Structural Driver of Health Inequity

Government, Human Rights, Public Health Practice, Socioeconomic Factors, Ethics, Race/Ethnicity, African Americans/Blacks

Lisa Bowleg

FA American Journal of Public Health: 110(S1), pp. S11–S12
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RWJF

Addressing Mass Incarceration to Achieve Health Equity

Social Science, Public Health Practice

George Hobor and Alonzo Plough

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OVERVIEW

Mass Incarceration as a Social-Structural Driver of Health Inequities: A Supplement to AJPH

Public Health Practice

Lauren Brinkley-Rubinstein and David H. Cloud

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ACADEMIA

The Role of Academic Public Health in Reducing Incarceration

Government, Health Education, Human Rights, Public Health Practice, Public Health Workers, Ethics

Daliah Heller and Sandro Galea

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AJPH PERSPECTIVES

Training the Next Generation of Researchers Dedicated to Improving Health Outcomes for Justice-Involved Populations

Other Health Service Delivery, HIV/AIDS, Health Education, Public Health Practice, Statistics/Evaluation/Research, Health Professionals, Health Service Delivery, Other Statistics/Evaluation/Research

Kathryn M. Nowotny, Melissa J. Zielinski , Kristi L. Stringer , Tracy Pugh , Elwin Wu, Lisa R. Metsch, Nabila El-Bassel , Amy S. Nunn and Curt G. Beckwith

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REPRODUCTIVE JUSTICE

Reproductive Justice Disrupted: Mass Incarceration as a Driver of Reproductive Oppression

Other Race/Ethnicity, Human Rights, Socioeconomic Factors, Race/Ethnicity, Health Service Delivery, Maternal and Infant Health, Access to Care

Crystal M. Hayes, Carolyn Sufrin and Jamila B. Perritt

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COMPASSIONATE RELEASE

Strategies to Optimize the Use of Compassionate Release From US Prisons

Aging, Human Rights, Health Policy, Ethics, Community Health

Stephanie Grace Prost and Brie Williams

American Journal of Public Health: 110(S1), pp. S25–S26

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WELL-BEING

Role of a US–Norway Exchange in Placing Health and Well-Being at the Center of US Prison Reform

Environment, Human Rights, Occupational Health, Prevention, Other Environment

Cyrus Ahalt, Craig Haney, Kim Ekhaugen and Brie Williams

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APHA

Applications of the American Public Health Association’s Statement on Addressing Law Enforcement Violence as a Public Health Issue

Other Race/Ethnicity, Public Health Practice, Socioeconomic Factors, Health Policy, Race/Ethnicity, Injury/Emergency Care/Violence

Catherine dP Duarte, Julianna G. Alson, Omid Bagheri Garakani and Christine M. Mitchell

American Journal of Public Health: 110(S1), pp. S30–S32

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EDUCATION

The Bard Prison Initiative: Education, Incarceration, and Public Health

Other Race/Ethnicity, Health Education, Public Health Practice, Public Health Workers, Health Professionals, Race/Ethnicity, Community Health

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FA Abstract | Full Text | References | PDF (648 KB) | PDF Plus (669 KB) | Supplemental Material

SEXUALLY TRANSMITTED INFECTIONS

Incarceration Rates and Incidence of Sexually Transmitted Infections in US Counties, 2011–2016

Other Race/Ethnicity, Sexual Health, Social Science, Epidemiology, Race/Ethnicity

Kathryn M. Nowotny, Marisa Omori, Melanie McKenna and Joshua Kleinman

American Journal of Public Health: 110(S1), pp. S130–S136

FA Abstract | Full Text | References | PDF (784 KB) | PDF Plus (821 KB) | Supplemental Material

HOUSING

Quantifying the Restrictiveness of Local Housing Authority Policies Toward People With Criminal Justice Histories: United States, 2009–2018

Environment, Housing and Health, Health Policy

Jonathan Purtle, Luwam T. Gebrekristos, Danya Keene, Penelope Schlesinger, Linda Niccolai and Kim M. Blankenship

American Journal of Public Health: 110(S1), pp. S137–S144

FA Abstract | Full Text | References | PDF (715 KB) | PDF Plus (737 KB) | Supplemental Material

PREVENTIVE HEALTH CARE

Mass Incarceration and Subsequent Preventive Health Care: Mechanisms and Racial/Ethnic Disparities

Other Race/Ethnicity, Social Science, Race/Ethnicity, Health Service Delivery, Access to Care

Alex O. Widdowson and Benjamin W. Fisher

American Journal of Public Health: 110(S1), pp. S145–S151

FA Abstract | Full Text | References | PDF (726 KB) | PDF Plus (743 KB) | Supplemental Material

STREET WORKERS

Exposure to Police and Client Violence Among Incarcerated Female Sex Workers in Baltimore City, Maryland

Sexual Health, Women's Health, Gender

Anne E. Fehrenbacher, Ju Nyeong Park , Katherine H. A. Footer, Bradley E. Silberzahn , Sean T. Allen and Susan G. Sherman

American Journal of Public Health: 110(S1), pp. S152–S159

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF \(760 KB\)](#) | [PDF Plus \(790 KB\)](#)

POLICE

Negative Police Encounters and Police Avoidance as Pathways to Depressive Symptoms Among US Black Men, 2015–2016

Mental Health, Urban Health, Race/Ethnicity, African Americans/Blacks

Lisa Bowleg, Ana Maria del Río-González , Mary Mbaba , Cheriko A. Boone and Sidney L. Holt

American Journal of Public Health: 110(S1), pp. S160–S166

FA [Abstract](#) | [Full Text](#) | [References](#) | [PDF \(758 KB\)](#) | [PDF Plus \(778 KB\)](#) | [Supplemental Material](#)

Content: [Home](#) | [Current Issue](#) | [Past Issues](#) | [Print Books](#) | [eProducts](#)

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ANNALS OF FAMILY MEDICINE

WWW.ANNFAMMED.ORG • VOL. 18, NO. 1 • JANUARY/FEBRUARY 2020

EDITORIALS

- 2 Task Sharing Chronic Disease Self-Management Training With Lay Health Coaches to Reduce Health Disparities
Sonal J. Patil
- 4 The Family Tree Grows Tall: A Salute to Family Physicians Inducted Into the National Academy of Medicine

ORIGINAL RESEARCH

- 5 Lay Health Coaching to Increase Appropriate Inhaler Use in COPD: A Randomized Controlled Trial
Rachel Willard-Grace, Chris Chirinos, Jessica Wolf, Denise DeVore, Beatrice Huang, Danielle Hessler, Stephanie Tsao, George Su, David H. Thom
- 15 Peer-Delivered Cognitive Behavioral Training to Improve Functioning in Patients With Diabetes: A Cluster-Randomized Trial
AJC *Susan J. Andreae, Lynn J. Andreae, Joshua S. Richman, Andrea L. Cherrington, Monika M. Safford*
- 24 Comparison of Primary Care Experience in Hospital-Based Practices and Community-Based Office Practices in Japan
Takuya Aoki, Yosuke Yamamoto, Shunichi Fukubara
- 30 Caregiver and Clinician Perspectives on Missed Well-Child Visits
Elizabeth R. Wolf, Jennifer O'Neil, James Pecsok, Rebecca S. Etz, Douglas Opel, Richard Wasserman, Alex H. Krist
- 35 Patients Assess an eConsult Model's Acceptability at 5 US Academic Medical Centers
Sara L. Ackerman, Kim Dowdell, Karl T. Clebak, Meaghan Quinn, Scott A. Shipman
- 42 The Effect of Warfarin Administration Time on Anticoagulation Stability (INRange): A Pragmatic Randomized Controlled Trial
Scott R. Garrison, Lee Green, Michael R. Kolber, Christina S. Korownyk, Nicole M. Olivier, Balraj S. Heran, Mary E. Flesher, G. Michael Allan

- 50 Home Blood Pressure Monitoring in Cases of Clinical Uncertainty to Differentiate Appropriate Inaction From Therapeutic Inertia
Sonal J. Patil, Nuha K. Wareg, Kelvin L. Hodges, Jamie B. Smith, Mark S. Kaiser, Michael L. LeFevre
- 59 Cancer Screening Among Women Prescribed Opioids: A National Study
Alicia Agnoli, Anthony Jerant, Peter Franks
- 66 Differences in Diabetes Care With and Without Certification as a Medical Home
Leif I. Solberg, Caroline Carlin, Kevin A. Peterson, Milton Eder

SPECIAL REPORTS

- 73 A Blueprint for Planning and Implementing a Transgender Health Program
Anna M. Morenz, Hilary Goldhammer, Cei A. Lambert, Ruben Hopwood, Alex S. Keuroghlian

REFLECTIONS

- 80 The Phoenix: A 20-Year Patient-Doctor Journey
Ruth Kannai, Dana Salem, Aya Rice (Alon)

INNOVATIONS IN PRIMARY CARE

- 83 Interdisciplinary Group Visits for Patients With Complex Social Needs
M. Rebecca Hoffman, Meghan Golden, Janice Frueh, Nichole Mirocha, Tracey Smith

DEPARTMENTS

- 84 FAMILY MEDICINE UPDATES
News from the organizations that sponsor the *Annals*
- 93 EMPLOYMENT OPPORTUNITIES

AJC ANNALS JOURNAL CLUB

See inside back cover for discussion questions, or go to <http://www.AnnFamMed.org/AJC/>.



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Contents *Annals of Internal Medicine*®

7 January 2020 • Volume 172 • Number 1 • Pages 1-76

Original Research

Compassionate End-of-Life Care: Mixed-Methods Multisite Evaluation of the 3 Wishes Project 1

M. Vanstone, T.H. Neville, F.J. Clarke, M. Swinton, M. Sadik, A. Takaoka, O. Smith, A.J. Baker, A. LeBlanc, D. Foster, V. Dhingra, P. Phung, X. Xu, Y. Kao, D. Heels-Ansdell, B. Tam, F. Toledo, A. Boyle, and D.J. Cook

The 3 Wishes Project was pioneered in an academic medical center's intensive care unit to promote compassionate end-of-life care by eliciting and fulfilling the wishes of dying patients or their families. This study evaluates the implementation and value of this project in various intensive care units and medical centers.

Predicting 6-Month Mortality for Older Adults Hospitalized With Acute Myocardial Infarction. A Cohort Study 12

J.A. Dodson, A.M. Hajduk, M. Geda, H.M. Krumholz, T.E. Murphy, S. Tsang, M.E. Tinetti, M.G. Nanna, R. McNamara, T.M. Gill, and S.I. Chaudhry

Older adults have increased risk for death after acute myocardial infarction (AMI). This article describes the development and initial validation of a risk prediction model that incorporates information on functional impairments and its utility in predicting 6-month mortality among older adults who were hospitalized with AMI and discharged alive.

Effectiveness and Cost-Effectiveness of Human Papillomavirus Vaccination Through Age 45 Years in the United States 22

J.F. Laprise, H.W. Chesson, L.E. Markowitz, M. Drolet, D. Martin, É. Bénard, and M. Brisson

In the United States, the vaccine against human papillomavirus is usually administered to girls and boys beginning just before the start of adolescence. Studies have shown that the vaccine prevents cancer and saves money when it is given this way. The U.S. Food and Drug Administration recently approved the vaccine for use in women and men up to age 45, and this article estimates the cost-effectiveness of the vaccine in these adults.

Special Article

A Process for Assessing Products for Infection Prevention in Health Care Settings: A Framework From the Healthcare Infection Control Practices Advisory Committee of the Centers for Disease Control and Prevention 30

V. Chopra, L. Janssen, K. Bryant, L. Fauerbach, T.R. Talbot III, and H.M. Babcock

With an influx of new infection control products, the Centers for Disease Control and Prevention asked the Healthcare Infection Control Practices Advisory Committee to develop a process to inform committees considering product-related recommendations. This article describes the development of that process and a tool that may be used when guidelines or recommendations for such products are being developed.

Research and Reporting Methods

The Predictive Approaches to Treatment effect Heterogeneity (PATH) Statement 35

D.M. Kent, J.K. Paulus, D. van Klaveren, R. D'Agostino, S. Goodman, R. Hayward, J.P.A. Ioannidis, B. Patrick-Lake, S. Morton, M. Pencina, G. Raman, J.S. Ross, H.P. Selker, R. Varadhan, A. Vickers, J.B. Wong, and E.W. Steyerberg
Subgroup analyses contrasting effects in groups of patients defined as "1 variable at a time" are typically used to examine heterogeneity of treatment effects in randomized trials. This guidance—the PATH (Predictive Approaches to Treatment effect Heterogeneity) Statement—presents alternative modeling approaches that account for multiple variables simultaneously to better identify individualized treatment effects.

The Predictive Approaches to Treatment effect Heterogeneity (PATH) Statement: Explanation and Elaboration

D.M. Kent, D. van Klaveren, J.K. Paulus, R. D'Agostino, S. Goodman, R. Hayward, J.P.A. Ioannidis, B. Patrick-Lake, S. Morton, M. Pencina, G. Raman, J.S. Ross, H.P. Selker, R. Varadhan, A. Vickers, J.B. Wong, and E.W. Steyerberg
The PATH Statement presents modeling approaches that facilitate prediction of individualized treatment effects. This explanation and elaboration document, available at [Annals.org](https://www.annals.org), details the PATH recommendations, underpinning concepts, and implications.

Clinical Guideline

Breast Cancer Screening and Diagnosis: A Synopsis of the European Breast Guidelines 46

H.J. Schünemann, D. Lerda, C. Quinn, M. Follmann, P. Alonso-Coello, P.G. Rossi, A. Lebeau, L. Nyström, M. Broeders, L. Ioannidou-Mouzaka, S.W. Duffy, B. Borisch, P. Fitzpatrick, S. Hofvind, X. Castells, L. Giordano, C. Canelo-Aybar, S. Warman, R. Mansel, F. Sardanelli, E. Parmelli, A. Gräwingholt, and Z. Saz-Parkinson

This synopsis of the European Breast Guidelines discusses 15 key recommendations related to organized programs for breast cancer screening in women aged 40 to 75 years

Continued on page I-8

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at average risk. Recommendations address the method and frequency of screening; the addition of hand-held ultrasonography, automated breast ultrasonography, or magnetic resonance imaging compared with mammography screening alone; and tests for women who are recalled for suspicious lesions or who have high breast density.

Ideas and Opinions

An Emerging Crisis: Vaping-Associated Pulmonary Injury 57

R.W. Hooper II and J.L. Garfield

In the context of the emergence of vaping-associated pulmonary injury (VAPI), this commentary discusses what we know about the health effects of vaping and, more important, what we need to learn. Research on the respiratory toxicity of vaporized e-cigarette compounds and cannabis extracts, population studies on consumption patterns, and increased physician attention are urgently needed to mitigate the effects of VAPI.

Should Health Care Demand Interpretable Artificial Intelligence or Accept "Black Box" Medicine? 59

F. Wang, R. Kaushal, and D. Khullar

Health care applications of artificial intelligence (AI) have recently emerged. Artificial intelligence approaches, such as deep learning, rely on vast amounts of data and complex model structures with millions of parameters, making them difficult to understand. Thus, these models are often called "black boxes." Should physicians and other stakeholders demand greater insight into how AI algorithms work?

Editorials

Accurately Predicting Cardiovascular Risk—and Acting on It 61

D.S. Kazi and K. Bibbins-Domingo

In this issue, Dodson and colleagues report the development of a prediction model for all-cause mortality 6 months after myocardial infarction among older adults that incorporates measures of functional impairment. The editorialists discuss the models; the increasing use of prediction models to identify patients at the highest risk; and the need to develop, test, and deploy interventions to help address their needs.

Advancing Personalized Medicine Through Prediction 63

A.R. Localio, C.D. Mulrow, and M.E. Griswold

Kent and colleagues describe 2 alternatives to subgroup analyses to help personalize clinical trial results: "risk modeling" and "effect modeling." The editorialists commend the authors for moving beyond subgroup analyses and look forward to methodological enhancements that address the substantial complexities of identifying and evaluating treatment effect heterogeneity.

What Do the European Breast Cancer Screening Guidelines Portend for U.S. Practice? 65

J.G. Elmore and C.I. Lee

This issue includes a summary of the European Breast Guidelines, developed by an international multidisciplinary panel and based on a high-quality evidence review of breast cancer screening in the context of European organized

screening programs. The editorialists discuss the recommendations and their implications for women and clinicians in the United States.

On Being a Doctor

Rise Up 67

L.F. Collins

We must do better. These men deserve better.

In Shackles 69

J.C. Dohman

Was it the weight of the shackles that prevented him from wiping the tear away, or was it something else?

Letters

Observation: Brief Research Report

Prescription Bias in the Treatment of Chronic Systolic Heart Failure 70

Correspondence

Development of the European Commission 72

Initiative on Breast Cancer Guidelines

Effects of Nutritional Supplements and Dietary 73

Interventions on Cardiovascular Outcomes

Correction 75

In the Clinic

Celiac Disease ITC1

CME/MOC quiz available at [Annals.org](https://annals.org)

Web Exclusives

Annals for Educators  7 January 2020

Annals Graphic Medicine  **Dr. Mom: A Glossary of Electronic Medical Record Alerts**
G.E. Farris

More Than Suturing Wounds
A. Zhu and A. Agrawal

Broken Speech
C.A. Wu, K.R. Myers, Z.S. Schein,
and M. Osborne

Annals On Call  Approach to UGI Bleeding

CME/MOC quiz available at [Annals.org](https://annals.org)

Cover photograph by Irina Dashkova

Continuing Medical Education I-6

Classified Services Begin on I-20

Subscription and Business Information I-22

Contents **Annals of Internal Medicine**[®]

21 January 2020 • Volume 172 • Number 2 (Supplement) • Pages S1-S68

Better Is Possible: The American College of Physicians' Vision for the U.S. Health Care System

The U.S. Health Care System Is Ill and Needs a Bold New Prescription	S1	Commentary	
R.M. McLean, D.M. DeLong, and D. Moyer		The American College of Physicians' Endorsement of Single-Payer Reform: A Sea Change for the Medical Profession	S60
		S. Woolhandler and D.U. Himmelstein	
Policy Papers		"Original Sin" and U.S. Health Care Reform	S62
Envisioning a Better U.S. Health Care System for All: A Call to Action by the American College of Physicians	S3	D. Meltzer	
R. Doherty, T.G. Cooney, R.D. Mire, L.S. Engel, and J.M. Goldman		A New Vision for Quality and Equity	S64
Envisioning a Better U.S. Health Care System for All: Coverage and Cost of Care	S7	H. Burstin	
R. Crowley, H. Daniel, T.G. Cooney, and L.S. Engel		Health Is More Than Health Care	S66
Envisioning a Better U.S. Health Care System for All: Health Care Delivery and Payment System Reforms	S33	K.B. DeSalvo and J.N. Gracia	
S.M. Erickson, B. Outland, S. Joy, B. Rockwern, J. Serchen, R.D. Mire, and J.M. Goldman			
Envisioning a Better U.S. Health Care System for All: Reducing Barriers to Care and Addressing Social Determinants of Health	S50		
R. Butkus, K. Rapp, T.G. Cooney, and L.S. Engel			

The *Annals* supplement "Better Is Possible: The American College of Physicians' Vision for the U.S. Health Care System" was supported by the American College of Physicians.

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Contents **Annals of Internal Medicine®**

21 January 2020 • Volume 172 • Number 2 (Supplement) • Pages S1-S68

Better Is Possible: The American College of Physicians' Vision for the U.S. Health Care System

The U.S. Health Care System Is Ill and Needs a Bold New Prescription	S1	Commentary	
R.M. McLean, D.M. DeLong, and D. Moyer		The American College of Physicians' Endorsement of Single-Payer Reform: A Sea Change for the Medical Profession	S60
		S. Woolhandler and D.U. Himmelstein	
Policy Papers		"Original Sin" and U.S. Health Care Reform	S62
Envisioning a Better U.S. Health Care System for All: A Call to Action by the American College of Physicians	S3	D. Meltzer	
R. Doherty, T.G. Cooney, R.D. Mire, L.S. Engel, and J.M. Goldman		A New Vision for Quality and Equity	S64
Envisioning a Better U.S. Health Care System for All: Coverage and Cost of Care	S7	H. Burstin	
R. Crowley, H. Daniel, T.G. Cooney, and L.S. Engel		Health Is More Than Health Care	S66
Envisioning a Better U.S. Health Care System for All: Health Care Delivery and Payment System Reforms	S33	K.B. DeSalvo and J.N. Gracia	
S.M. Erickson, B. Outland, S. Joy, B. Rockwern, J. Serchen, R.D. Mire, and J.M. Goldman			
Envisioning a Better U.S. Health Care System for All: Reducing Barriers to Care and Addressing Social Determinants of Health	S50		
R. Butkus, K. Rapp, T.G. Cooney, and L.S. Engel			

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Search □

JANUARY 2020

 Vol. 52 No. 1

—FROM THE EDITOR—

Burnout

John Saultz, MD

—COMMENTARY—

Artificial Intelligence and Family Medicine: Better Together

Winston Liaw, MD, MPH | Ioannis A. Kakadiaris, PhD

—ORIGINAL ARTICLES—

Awareness of Meaning in Life is Protective Against Burnout Among Family Physicians: A CERA Study

Stephanie A. Hooker, PhD, MPH | Robert E. Post, MD, MS | Michelle D. Sherman, PhD

Student Interest in a Primary Care of Underserved Populations Course

Jennifer Edwards-Johnson, DO, MPH | Julie P. Phillips, MD, MPH | Andrea Wendling, MD

Financial Impact of Universal Precepting in Family Medicine Residency Clinics

Peter G. Harper, MD, MPH | Patricia Adam, MD | Mike Wooten, MD | Angela Smithson, MD | Casey Martin, MD | Samantha Friedrichsen, MPH | Andrew M. Pattock | David J. Satin, MD

A Practical Risk Measure for Identification of Adults With Oncogenic Oral Human Papillomavirus: Potential Use in Primary Care

Arch G. Mainous III, PhD | Young-Rock Hong, MPH | Sandhya Yadav, MHA | Zhigang Xie, MPA | Rebecca J. Tanner, MA


☐ Promote this Issue


—BRIEF REPORTS—

[Expanding Point-of-Care Ultrasound Training in a Low- and Middle-Income Country: Experiences From a Collaborative Short-Training Workshop in Kenya](#)

Leanne Jones, MD, MPH | Catherine Gathu, MBChB | Daria Szkwarko, DO, MPH | Sam Mucheru, MBChB | Naushad Amin, MD | James A. Amisi, MBChB, MMED | Kevin Bergman, MD | Mena Ramos, MD | Neil Jayasekera, MD

[Content Analysis of Family Medicine Resident Peer Observations](#)

Cristen Page, MD, MPH | Alfred Reid, MA | Mallory McClester Brown, MD | Hannah M. Baker, MPH | Catherine Coe, MD | Linda Myerholtz, PhD

[Developing a Mindfulness Skills-Based Training Program for Resident Physicians](#)

Vincent Minichiello, MD | Supriya Hayer, MD | Bob Gillespie, MD | Maureen Goss, MPH | Bruce Barrett, MD, PhD

[Academic Half-Days: Facilitated Small Groups to Promote Interactive Learning](#)

Heather Armson, MD, MCE | Keith Wycliffe-Jones, MBChB | Maria Palacios Mackay, DDS, MSc, PhD | Stefanie Roder, PhD

—NARRATIVE ESSAYS—

[Birthday Buddies](#)

Charles W. Shafer, MD

[Sweet Blood](#)

Sarah E. Stumbar, MD, MPH

[Trouble Breathing](#)

Howard Stein, PhD

[FIXED: True Stories of OUD](#)

Stacey Gardner-Buckshaw, PhD, MPA

[Letting Go](#)

Michal Shani, MD, MPH

—BOOK AND MEDIA REVIEWS—

[Academic Promotion for Clinicians: A Practical Guide to Academic Promotion and Tenure in Medical Schools](#)

Holly Salzman, MD

Life Beyond Medicine: The Joys and Challenges of
Physician Retirement

Donald Kollisch, MD

—LETTERS TO THE EDITOR—

Bariatric Surgery: Safe, Effective, and Unnecessary

Joseph E. Scherger, MD, MPH

—PRESIDENT'S COLUMN—

Can Medicare for All Control Health Care Costs?

Frederick M. Chen, MD, MPH | Joshua M. Liao, MD, MSc



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Health Affairs

January 2020 Vol. 39 No. 1 healthaffairs.org

Patient Costs, Bundled Payment & More

FROM THE EDITOR-IN-CHIEF

- 7 **Patient Costs, Bundled Payment, And More**
Alan R. Weil

RESEARCH ARTICLE COSTS & SPENDING

- 8 **National Health Care Spending In 2018: Growth Driven By Accelerations In Medicare And Private Insurance Spending**
Micah Hartman, Anne B. Martin, Joseph Benson, Aaron Catlin, and The National Health Expenditure Accounts Team

RESEARCH ARTICLE MATERNAL & CHILD HEALTH

- 18 **Out-Of-Pocket Spending For Maternity Care Among Women With Employer-Based Insurance, 2008–15**
Michelle H. Moniz, A. Mark Fendrick, Giselle E. Kolenic, Anca Tilea, Lindsay K. Admon, and Vanessa K. Dalton

RESEARCH ARTICLE HOSPITALS

- 24 **Out-Of-Network Billing And Negotiated Payments For Hospital-Based Physicians**
Zack Cooper, Hao Nguyen, Nathan Shekita, and Fiona Scott Morton

RESEARCH ARTICLE PHARMACEUTICALS & MEDICAL TECHNOLOGY

- 33 **The Effect Of Veterans Health Administration Coverage On Cost-Related Medication Nonadherence**
Adam Gaffney, David H. Bor, David U. Himmelstein, Steffie Woolhandler, and Danny McCormick

RESEARCH ARTICLE AFFORDABLE CARE ACT

- 41 **Terminating Cost-Sharing Reduction Subsidy Payments: The Impact Of Marketplace Zero-Dollar Premium Plans On Enrollment**
Coleman Drake and David M. Anderson

REVIEW ARTICLE MEDICARE

- 50 **The Impact Of Bundled Payment On Health Care Spending, Utilization, And Quality: A Systematic Review**
Rajender Agarwal, Joshua M. Liao, Ashutosh Gupta, and Amol S. Navathe

RESEARCH ARTICLE MEDICARE

- 58 **Spending And Quality After Three Years Of Medicare's Voluntary Bundled Payment For Joint Replacement Surgery**
Amol S. Navathe, Ezekiel J. Emanuel, Atheendar S. Venkataramani, Qian Huang, Atul Gupta, Claire T. Dinh, Eric Z. Shan, Dylan Small, Norma B. Coe, Erkuan Wang, Xinshuo Ma, Jingsan Zhu, Deborah S. Cousins, and Joshua M. Liao

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RESEARCH ARTICLE MEDICAID

- 67 **Medicaid Expansion Slowed Rates Of Health Decline For Low-Income Adults In Southern States**
John A. Graves, Laura A. Hatfield, William Blot, Nancy L. Keating, and J. Michael McWilliams

RESEARCH ARTICLE MATERNAL & CHILD HEALTH

- 77 **Effects Of Medicaid Expansion On Postpartum Coverage And Outpatient Utilization**
Sarah H. Gordon, Benjamin D. Sommers, Ira B. Wilson, and Amal N. Trivedi

RESEARCH ARTICLE AFFORDABLE CARE ACT

- 85 **Among Low-Income Adults Enrolled In Medicaid, Churning Decreased After The Affordable Care Act**
Anna L. Goldman and Benjamin D. Sommers

DATAWATCH PAYMENT

- 94 **Differences Between Public And Private Hospital Payment Rates Narrowed, 2012–16**
Thomas M. Selden

RESEARCH ARTICLE PATIENT-CENTERED CARE

- 100 **The Impact Of Decision Aids On Adults Considering Hip Or Knee Surgery**
Vanessa B. Hurley, Hector P. Rodriguez, Stephen Kearing, Yue Wang, Ming D. Leung, and Stephen M. Shortell

ANALYSIS THE PRACTICE OF MEDICINE

- 108 **Medical Professionalism In An Organizational Age: Challenges And Opportunities**
David J. Rothman, David Blumenthal, and George E. Thibault

RESEARCH ARTICLE GLOBAL HEALTH POLICY

- 115 **Primary Care Physicians' Role In Coordinating Medical And Health-Related Social Needs In Eleven Countries**
Michelle M. Doty, Roosa Tikkanen, Arnav Shah, and Eric C. Schneider

RESEARCH ARTICLE GLOBAL HEALTH POLICY

- 124 **The Effect Of Home-Based Hypertension Screening On Blood Pressure Change Over Time In South Africa**
Nikkil Sudharsanan, Simiao Chen, Michael Garber, Till Bärnighausen, and Pascal Geldsetzer

POLICY INSIGHT HEALTH REFORM

- 133 **Medicare For All: An Analysis Of Key Policy Issues**
Micah Johnson, Sanjay Kishore, and Donald M. Berwick

PERSPECTIVE HEALTH REFORM

- 142 **Challenges To Medicare For All Remain Daunting**
Austin B. Frakt and Jonathan Oberlander

RESEARCH ARTICLE BEHAVIORAL HEALTH CARE

- 146 **Trends In Opioid Prescribing And Self-Reported Pain Among US Adults**
Mark Olfson, Shuai Wang, Melanie M. Wall, and Carlos Blanco

GRANTWATCH BEHAVIORAL HEALTH CARE

- 155 **Philanthropic Strategy In The Face Of An Opioid Epidemic**
Jennifer Chubinski and Michelle Lydenberg

NARRATIVE MATTERS PATIENT-CENTERED CARE

- 161 **To Treat My Patient, I Had To Understand Her Trauma**
Eve Rittenberg

BOOK REVIEWS

- 165 **A Failed Revolution In Mental Health**
Jeff Goldsmith
- 166 **Markup Discounting And Its Discontents**
Rick Mathis
- 167 **BookMarks**

LETTERS

- 169 **Medicaid Expansion And Preventable Hospitalizations**
José F. Figueroa and Rishi K. Wadhera
- 169 **Medicaid Expansion: The Authors Reply**
Hefei Wen, Kenton J. Johnston, and Lindsay Allen
- 169 **Firearm-Related Mortality In The US**
Grace Budrys

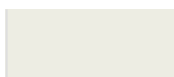
173 **Instructions To Authors**



Illustration by Brett Ryder

Narrative Matters A patient who is a survivor of abuse benefits from a health care approach that acknowledges her past trauma.

1880s



January 21, 2020, Vol 323, No. 3, Pages 203-288

In This Issue of JAMA

Audio Highlights

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

JAMA. 2020;323(3):e1920741. doi:10.1001/jama.2019.20741



Audio Summary: HES vs Saline for Volume Replacement in High-Risk Surgery, Early Surgery vs Endoscopy for Chronic Pancreatitis, Catheter Ablation with vs without Renal Denervation in Atrial Fibrillation, and more

Original Investigation

Effect of Hydroxyethyl Starch vs Saline for Volume Replacement Therapy on Death or Postoperative Complications Among High-Risk Patients Undergoing Major Abdominal Surgery: The FLASH Randomized Clinical Trial

Emmanuel Futier, MD, PhD; Matthias Garot, MD; Thomas Godet, MD, PhD; et al.

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

JAMA. 2020;323(3):225-236. doi:10.1001/jama.2019.20833

This randomized clinical trial assesses the effect of hydroxyethyl starch 130/0.4 (HES) vs normal saline for intravascular volume expansion in patients at risk of postoperative kidney injury on mortality and postoperative complications up to 14 days after major abdominal surgery.

Editorial

Hydroxyethyl Starch for Fluid Replacement Therapy in High-Risk Surgical Patients:
Context and Caution

Fernando G. Zampieri, MD, PhD; Alexandre B. Cavalcanti, MD, PhD

Effect of Early Surgery vs Endoscopy-First Approach on Pain in Patients With Chronic Pancreatitis: The ESCAPE Randomized Clinical Trial

Yama Issa, MD, PhD; Marinus A. Kempeneers, BS; Marco J. Bruno, MD, PhD; et al.

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

□ JAMA. 2020;323(3):237-247. doi:10.1001/jama.2019.20967

This randomized clinical trial compares the effects of pancreatic drainage surgery within 6 weeks vs a stepped medical-endoscopy-surgical approach on pain score and relief over 18 months among patients with chronic pancreatitis.

Editorial

Tracing the Evidence to Address Painful Chronic Pancreatitis With Surgery

O. Joe Hines, MD

Effect of Renal Denervation and Catheter Ablation vs Catheter Ablation Alone on Atrial Fibrillation Recurrence Among Patients With Paroxysmal Atrial Fibrillation and Hypertension: The ERADICATE-AF Randomized Clinical Trial

Jonathan S. Steinberg, MD; Vitaliy Shabanov, MD; Dmitry Ponomarev, MD; et al.

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

JAMA. 2020;323(3):248-255. doi:10.1001/jama.2019.21187

This randomized trial compares the effects of pulmonary vein isolation with vs without renal denervation on freedom from atrial fibrillation, atrial flutter, or atrial tachycardia at 1 year among patients with atrial fibrillation and hypertension.

Editorial

Improving Outcomes in Patients With Atrial Fibrillation and Hypertension

N. A. Mark Estes III, MD

Effect of Sunscreen Application on Plasma Concentration of Sunscreen Active Ingredients: A Randomized Clinical Trial

Murali K. Matta, PhD; Jeffry Florian, PhD; Robbert Zusterzeel, MD, PhD, MPH; et al.

Abstract | **Full Text**

JAMA. 2020;323(3):256-267. doi:10.1001/jama.2019.20747

This randomized clinical trial assesses the systemic absorption and pharmacokinetics of the 6 active ingredients (avobenzone, oxybenzone, octocrylene, homosalate, octisalate, and octinoxate) in lotion, aerosol spray, nonaerosol spray, and pump spray sunscreen products under single- and maximal-use conditions.

Editorial

Systemic Absorption of Sunscreen: Balancing Benefits With Unknown Harms

Adewole S. Adamson, MD, MPP; Kanade Shinkai, MD, PhD

Advertisement

Research Letter

Medical Assessment of Head Collision Events in Elite Women's and Men's Soccer

Christopher Tarzi, BHSc; Gabriel Tarzi; Madison Walker; et al.

Abstract | **Full Text**

JAMA. 2020;323(3):275-276. doi:10.1001/jama.2019.19919

This study uses data from the 2019 Fédération Internationale de Football Association Women's World Cup to determine the incidence rate and subsequent medical assessment of head collision events.

Trends in Buprenorphine Treatment in the United States, 2009-2018

Mark Olfson, MD, MPH; Victoria (Shu) Zhang, PhD; Michael Schoenbaum, PhD; et al.

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

JAMA. 2020;323(3):276-277. doi:10.1001/jama.2019.18913

This study assessed the number of individuals receiving treatment for opioid use disorder in the United States by age group and sex using a national prescription database to compare between the number of buprenorphine prescriptions filled and the number of US opioid-related overdose deaths.

Viewpoint

Disparities Research, Disparities Researchers, and Health Equity

Mercedes R. Carnethon, PhD; Kiarri N. Kershaw, PhD; Namratha R. Kandula, MD, MPH

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

☐ JAMA. 2020;323(3):211-212. doi:10.1001/jama.2019.19329

This Viewpoint discusses the position of the National Institutes of Health (NIH) regarding disparities in health and research and offers recommendations that could hasten progress in eliminating disparities on the basis of race/ethnicity, sex, and socioeconomic status.

☐ **Audio Interview:** Disparities Research, Disparities Researchers, and Health Equity

Evolving Issues in Oncology

Adding Patient-Reported Outcomes to Medicare's Oncology Value-Based Payment Model

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

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

JAMA. 2020;323(3):213-214. doi:10.1001/jama.2019.19970

This Viewpoint discusses barriers to collecting patient-reported outcome measures for symptom monitoring as a component of the Oncology Care First payment model, a Centers for Medicare & Medicaid Services program that provides bundled population payments to cover physician services and enhancements intended to improve care quality for patients receiving systemic cancer treatment, and proposes ways to implement and facilitate the requirement given its importance to patient well-being.

A Piece of My Mind

This Quiet Lady

Rebecca A. Snyder, MD, MPH

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

☐ *JAMA*. 2020;323(3):215-216. doi:10.1001/jama.2019.21664

In this narrative medicine essay, a surgical oncologist recalls helping her mother through her treatment and death from lung cancer and tells of the lesson she brought back to her own practice from the experience that the essence of clinical care is human connection: the ability to listen to others, witness their suffering, hear their joy, and be present in their company.

Editorial

Hydroxyethyl Starch for Fluid Replacement Therapy in High-Risk Surgical Patients: Context and Caution

Fernando G. Zampieri, MD, PhD; Alexandre B. Cavalcanti, MD, PhD

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

JAMA. 2020;323(3):217-218. doi:10.1001/jama.2019.20141

Tracing the Evidence to Address Painful Chronic

Pancreatitis With Surgery

O. Joe Hines, MD

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

JAMA. 2020;323(3):219-220. doi:10.1001/jama.2019.19988

Improving Outcomes in Patients With Atrial Fibrillation and Hypertension

N. A. Mark Estes III, MD

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

JAMA. 2020;323(3):221-222. doi:10.1001/jama.2019.20144

Systemic Absorption of Sunscreen: Balancing Benefits With Unknown Harms

Adewole S. Adamson, MD, MPP; Kanade Shinkai, MD, PhD

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

JAMA. 2020;323(3):223-224. doi:10.1001/jama.2019.20143

JAMA Insights

Women's Health

Diagnosis and Management of Primary Dysmenorrhea

Kimberly A. Kho, MD, MPH; Jessica K. Shields, DO

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

☐ JAMA. 2020;323(3):268-269. doi:10.1001/jama.2019.16921

This JAMA Insights Women’s Health reviews the epidemiology, evaluation, and management of primary dysmenorrhea, with a focus on use of combined hormonal oral contraceptive pills for symptom management.

Clinical Review Audio: NICE Guidelines for Heavy Menstrual Bleeding: What to Make of Them



JAMA Clinical Guidelines Synopsis

Assessment and Management of Heavy Menstrual Bleeding

Laura A. Douglass, MD; Andrew M. Davis, MD, MPH

Abstract | **Full Text**

☐ JAMA. 2020;323(3):270-271. doi:10.1001/jama.2019.17383

This JAMA Clinical Guidelines Synopsis summarizes the United Kingdom 2018 National Institute for Health and Care Excellence (NICE) guideline on the assessment and management of heavy menstrual bleeding.

☐ **Clinical Review Audio:** NICE Guidelines for Heavy Menstrual Bleeding: What to Make of Them

JAMA Clinical Challenge

Fever, Abdominal Pain, and Jaundice in a Pacific Islander Woman

Zao Zhang, MD; Heath Chung, MD; Ting Gong, MD, MPH

Abstract | **Full Text**

☐ JAMA. 2020;323(3):272-273. doi:10.1001/jama.2019.20118

A 61-year-old woman who had immigrated from Micronesia 10 years ago had 1 month of sharp, progressive, intermittent, nonradiating right upper quadrant abdominal pain; she was febrile, had leukocytosis and elevated levels of liver panel analytes, and endoscopic retrograde cholangiopancreatography showed numerous worms in the biliary trees. What is the diagnosis and what would you do next?

Medical News & Perspectives

The American Heart Association Takes on Vaping

Jennifer Abbasi

Abstract | **Full Text**

 JAMA. 2020;323(3):205-206. doi:10.1001/jama.2019.20781

This Medical News article is an interview with the American Heart Association's Rose Marie Robertson, MD, about the explosion of electronic cigarette use among young people.

 **Audio:** Live from AHA, Part 2: The American Heart Association Takes on Vaping

 **Clinical Review Audio:** The American Heart Association Takes a Stance Against e-Cigarettes

News From the Food and Drug Administration

App Enables Sharing Off-label Treatments for Infectious Diseases

Rebecca Voelker, MSJ

Abstract | **Full Text**

 JAMA. 2020;323(3):210. doi:10.1001/jama.2019.21735

New Test Detects MRSA in Hours Rather Than Days

Rebecca Voelker, MSJ

Abstract | **Full Text**

 JAMA. 2020;323(3):210. doi:10.1001/jama.2019.21597

Duchenne Screening Test Is OK'd

Rebecca Voelker, MSJ

Abstract | **Full Text**

 JAMA. 2020;323(3):210. doi:10.1001/jama.2019.21737

The JAMA Forum

New Budgeting Tools Will Help Foster Social Determinants of Health

Stuart M. Butler, PhD

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

☐ JAMA. 2020;323(3):207-208. doi:10.1001/jama.2019.21007

Global Health

Dengue Vaccine Protects Youth

Bridget M. Kuehn, MSJ

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

☐ JAMA. 2020;323(3):209. doi:10.1001/jama.2019.21234

Climate Change Puts Children at Risk

Bridget M. Kuehn, MSJ

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

☐ JAMA. 2020;323(3):209. doi:10.1001/jama.2019.21719

Cesarean Deliveries Not Linked to Obesity in Latest Study

Bridget M. Kuehn, MSJ

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

☐ JAMA. 2020;323(3):209. doi:10.1001/jama.2019.21721

Poetry and Medicine

Silence

Eileen Cleary, RN, BSN, MFA

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

☐ JAMA. 2020;323(3):284. doi:10.1001/jama.2019.21417

JAMA Revisited

Asclepius—Man or Myth

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

☐ JAMA. 2020;323(3):285. doi:10.1001/jama.2019.13268

JAMA Patient Page

Cryptosporidiosis

Angel N. Desai, MD, MPH

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

☐ JAMA. 2020;323(3):288. doi:10.1001/jama.2019.18691

This JAMA Patient Page describes cryptosporidiosis, its symptoms, diagnosis, treatment, and prevention methods.

Comment & Response

US Organ Donation Policy

Stephen P. Wall, MD, MSc, MAEd; Brendan Parent, JD; Arthur Caplan, PhD

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

JAMA. 2020;323(3):278. doi:10.1001/jama.2019.18643

US Organ Donation Policy

Alex Chan, MPH, MS

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

JAMA. 2020;323(3):278-279. doi:10.1001/jama.2019.18637

US Organ Donation Policy

Raymond J. Lynch, MD, MS; David S. Goldberg, MD, MSCE

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

JAMA. 2020;323(3):279. doi:10.1001/jama.2019.18646

US Organ Donation Policy—Reply

Alexandra Glazier, JD, MPH; Thomas Mone, MS

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

JAMA. 2020;323(3):279-280. doi:10.1001/jama.2019.18649

Price Transparency in the Electronic Health Record

Hyung J. Cho, MD; Eric K. Wei, MD, MBA; Mona Krouss, MD

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

JAMA. 2020;323(3):280-281. doi:10.1001/jama.2019.18573

Price Transparency in the Electronic Health Record

Srinivas R. Mummadi, MD, MBI; Raghavendra Mishra, MD, MBI; Rajasekhara R. Mummadi, MD, MS

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

JAMA. 2020;323(3):281. doi:10.1001/jama.2019.18576

Price Transparency in the Electronic Health Record—Reply

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

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

JAMA. 2020;323(3):281-282. doi:10.1001/jama.2019.18579

Correction

Incorrect Value in Results

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

☐ JAMA. 2020;323(3):282. doi:10.1001/jama.2019.20661

Incorrect Data in Table and Discussion Section

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

☐ JAMA. 2020;323(3):282. doi:10.1001/jama.2019.20662

JAMA Masthead

JAMA

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

☐ JAMA. 2020;323(3):203-204. doi:10.1001/jama.2019.13261



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January 7, 2020, Vol 323, No. 1, Pages 11-100

In This Issue of JAMA

Audio Highlights

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

   JAMA. 2020;323(1):e1920739. doi:10.1001/jama.2019.20739



Audio Summary: Effect of Folic Acid and Zinc on Semen Quality and Infertility Outcomes, Genital Talc Use and Ovarian Cancer, Fostering Physician Presence and Connection With Patients, and more

Original Investigation

Effect of Folic Acid and Zinc Supplementation in Men on Semen Quality and Live Birth Among Couples Undergoing Infertility Treatment: A Randomized Clinical Trial

Enrique F. Schisterman, PhD; Lindsey A. Sjaarda, PhD; Traci Clemons, PhD; et al.

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

JAMA. 2020;323(1):35-48. doi:10.1001/jama.2019.18714

This randomized clinical trial compares the effect of folic acid and elemental zinc vs placebo on semen quality in men and live birth among US couples planning infertility treatment.

Association of Powder Use in the Genital Area With Risk of Ovarian Cancer

Katie M. O'Brien, PhD; Shelley S. Tworoger, PhD; Holly R. Harris, ScD; et al.

Abstract | **Full Text**

□ JAMA. 2020;323(1):49-59. doi:10.1001/jama.2019.20079

This cohort study uses pooled data from 4 cohorts to estimate associations between perineal use of body powder and ovarian cancer in US women.

Editorial

Use of Powder in the Genital Area and Ovarian Cancer Risk: Examining the Evidence

Dana R. Gossett, MD, MSCI; Marcela G. del Carmen, MD, MPH

Effect of Thoracoscopic Talc Poudrage vs Talc Slurry via Chest Tube on Pleurodesis Failure Rate Among Patients With Malignant Pleural Effusions: A Randomized Clinical Trial

Rahul Bhatnagar, PhD; Hania E. G. Piotrowska, BA; Magda Laskawiec-Szkonter, MA; et al.

Abstract | **Full Text**

JAMA. 2020;323(1):60-69. doi:10.1001/jama.2019.19997

This randomized clinical trial compared the effectiveness of talc poudrage administered during thoracoscopy with local anesthesia vs talc slurry delivered via chest tube placement with local anesthesia in successfully inducing pleurodesis in patients with malignant pleural effusion.

Advertisement

Research Letter

Changes in Utilization of Generic Angiotensin Receptor Blockers Following Product Recalls in the United States

Rishi J. Desai, MS, PhD; Ameet Sarpatwari, JD, PhD; Nileesa Gautam, BS; et al.

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

JAMA. 2020;323(1):87-89. doi:10.1001/jama.2019.17521

This pharmacoepidemiology study uses claims data to characterize angiotensin receptor blocker (ARB) prescription trends to evaluate whether recalls of ARBs prompted by discovery of potentially carcinogenic impurities shifted utilization of ARBs individually and as a drug class.

Trends in Cesarean Delivery Rates in China, 2008-2018

Hong-tian Li, PhD; Susan Hellerstein, MD; Yu-bo Zhou, PhD; et al.

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

JAMA. 2020;323(1):89-91. doi:10.1001/jama.2019.17595

This study uses China’s National Maternal and Child Health Statistics data set to characterize trends in cesarean delivery rates overall and by urban and rural areas in China between 2008 and 2018.

Special Communication

Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

Donna M. Zulman, MD, MS; Marie C. Haverfield, PhD; Jonathan G. Shaw, MD, MS; et al.

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

   JAMA. 2020;323(1):70-81. doi:10.1001/jama.2019.19003

This study uses systematic reviews, interviews, and an expert consensus process to identify practices that promote clinician presence and connection during patient visits: preparation and listening with intent, agreeing on what matters most, connecting with the patient’s story, and exploring emotional cues.

 **Audio Interview:** Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

Editorial

Can an Evidence-Based Approach Improve the Patient-Physician Relationship?

Adam S. Cifu, MD; Anthony Lembo, MD; Andrew M. Davis, MD, MPH



Audio Interview: Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

Connecting With Patients—The Missing Links

Lisa Sanders, MD; Auguste H. Fortin VI, MD, MPH, MACP; Gordon D. Schiff, MD



Audio Interview: Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

Viewpoint

Comorbidities in Persons With HIV: The Lingering Challenge

Andrea M. Lerner, MD; Robert W. Eisinger, PhD; Anthony S. Fauci, MD

Abstract | **Full Text**

 JAMA. 2020;323(1):19-20. doi:10.1001/jama.2019.19775

In this Viewpoint, Anthony Fauci and NIAID colleagues discuss the challenge of managing comorbidities in persons living with HIV with an emphasis on the long-term risk and burden of cardiovascular disease, kidney and hepatic disease, and neurocognitive disorders in an infected population approaching normal longevity while receiving long-term antiretroviral therapy.

 **Audio Interview:** Comorbidities in Persons With HIV

Moving Toward Evidence-Based Policy: The Value of Randomization for Program and Policy Implementation

Atheendar S. Venkataramani, MD, PhD; Kristen Underhill, JD, DPhil; Kevin G. Volpp, MD, PhD

Abstract | **Full Text**

JAMA. 2020;323(1):21-22. doi:10.1001/jama.2019.18061

This Viewpoint emphasizes the value of randomized evaluation of policies and programs designed to improve health behaviors, health outcomes, and health care delivery, and articulates preconditions that appear to be essential for the practice to become more of a standard in policy implementation.

Alcohol and Cancer Risk: Clinical and Research Implications

William M. P. Klein, PhD; Paul B. Jacobsen, PhD; Kathy J. Helzlsouer, MD, MHS

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

JAMA. 2020;323(1):23-24. doi:10.1001/jama.2019.19133

This Viewpoint reviews the epidemiologic evidence documenting the association between alcohol consumption and cancer risk, and calls for possible health responses and research into interventions for decreasing overall alcohol consumption as a means of reducing cancer risk.

Identifying and Preventing Adverse Childhood Experiences: Implications for Clinical Practice

Christopher M. Jones, PharmD, DrPH, MPH; Melissa T. Merrick, PhD; Debra E. Houry, MD, MPH

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

JAMA. 2020;323(1):25-26. doi:10.1001/jama.2019.18499

This Viewpoint uses findings from a 2019 Centers for Disease Control and Prevention (CDC) report detailing the prevalence and long-term harms of adverse childhood experiences (ACEs) to emphasize ways pediatricians can identify patients experiencing ACEs and intervene to prevent or reduce harms associated with the experiences.

A Piece of My Mind

Primarily Care

William M. Zinn, MD, MPH

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

JAMA. 2020;323(1):27-28. doi:10.1001/jama.2019.20065

In this narrative medicine essay, a retiring internist remembers the changes and challenges during his 40-

year career and counts as his most rewarding moments the times his patients said that they felt listened to, respected, and supported.

Editorial

Use of Powder in the Genital Area and Ovarian Cancer Risk: Examining the Evidence

Dana R. Gossett, MD, MSCI; Marcela G. del Carmen, MD, MPH

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

JAMA. 2020;323(1):29-31. doi:10.1001/jama.2019.20674

Can an Evidence-Based Approach Improve the Patient-Physician Relationship?

Adam S. Cifu, MD; Anthony Lembo, MD; Andrew M. Davis, MD, MPH

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

☐ ☐ *JAMA*. 2020;323(1):31-32. doi:10.1001/jama.2019.19427

☐ **Audio Interview:** Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

Editorial

Connecting With Patients—The Missing Links

Lisa Sanders, MD; Auguste H. Fortin VI, MD, MPH, MACP; Gordon D. Schiff, MD

☐ **Audio Interview:** Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

Connecting With Patients—The Missing Links

Lisa Sanders, MD; Auguste H. Fortin VI, MD, MPH, MACP; Gordon D. Schiff, MD

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

JAMA. 2020;323(1):33-34. doi:10.1001/jama.2019.20153



 **Audio Interview:** Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

 **Editorial**
Can an Evidence-Based Approach Improve the Patient-Physician Relationship?

Adam S. Cifu, MD; Anthony Lembo, MD; Andrew M. Davis, MD, MPH

 **Audio Interview:** Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter

JAMA Clinical Challenge

Painful and Pruritic Blisters on the Lower Lip

Mitsuhiro Ota, MD, PhD

Abstract | **Full Text**

 JAMA. 2020;323(1):82-83. doi:10.1001/jama.2019.17568

A 41-year-old woman had a 2-day history of burning, stinging, itchy blisters on and around the lower lip; similar blisters had resolved spontaneously 1 year ago. She was well-appearing and afebrile; apart from occasional ibuprofen use, she took no medications. What is the diagnosis and what would you do next?

From The Medical Letter on Drugs and Therapeutics

Influenza Vaccine for 2019-2020

Abstract | **Full Text**

  JAMA. 2020;323(1):84-85. doi:10.1001/jama.2019.18016

This Medical Letter review summarizes types and use of commercially available inactivated and activated trivalent and quadrivalent influenza vaccines, with recommendations for which to use in patients who are pregnant, allergic, or immunocompromised.

 **Clinical Review Audio:** Influenza Vaccination in 2019-2020

Medical News & Perspectives

Matters of the Mind—Bedtime Procrastination, Relaxation-Induced Anxiety, Lonely Tweeters

Rita Rubin, MA

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

JAMA. 2020;323(1):15-16. doi:10.1001/jama.2019.20014

This Medical News article offers new insights into smartphones and bedtime, why relaxation may be stressful, and Twitter as a loneliness indicator.

News From the Food and Drug Administration

Ear Tubes Can Be Inserted With Local Anesthesia

Rebecca Voelker, MSJ

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

JAMA. 2020;323(1):18. doi:10.1001/jama.2019.20951

New Option for Sickle Cell Disease

Rebecca Voelker, MSJ

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

JAMA. 2020;323(1):18. doi:10.1001/jama.2019.20640

Novel Alternative for Partial-Onset Seizures

Rebecca Voelker, MSJ

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

JAMA. 2020;323(1):18. doi:10.1001/jama.2019.20952

Bench to Bedside

New Flu Antiviral Candidate May Thwart Drug Resistance

Tracy Hampton, PhD

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

JAMA. 2020;323(1):17. doi:10.1001/jama.2019.20225

This Medical News article discusses an investigational influenza treatment that could overcome the growing problem of drug resistance.

Poetry and Medicine

Keep That Same Energy

Alexandra M. Sims, MD

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

JAMA. 2020;323(1):95. doi:10.1001/jama.2019.19207

JAMA Revisited

The Teaching of Clinical Medicine

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

JAMA. 2020;323(1):96. doi:10.1001/jama.2019.13246

JAMA Patient Page

Medications for Treating Infection

Dara Grennan, MD; Christy Varughese, PharmD, BCIDP, MSc; Nicholas M. Moore, PhD

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

☐ [JAMA. 2020;323\(1\):100. doi:10.1001/jama.2019.17387](#)

This JAMA Patient Page describes the types of medications used to treat infections, with a focus on antibiotics and antibiotic resistance.

Comment & Response

Enhancing Compassion in Medical Students

Anthony J. Scott, MD, PhD

Abstract | **Full Text**

JAMA. 2020;323(1):91. doi:10.1001/jama.2019.18141

Enhancing Compassion in Medical Students

Edward Volpintesta, MD

Abstract | **Full Text**

JAMA. 2020;323(1):91. doi:10.1001/jama.2019.18144

Enhancing Compassion in Medical Students—Reply

Richard Martyn Ratzan, MD

Abstract | **Full Text**

JAMA. 2020;323(1):91-92. doi:10.1001/jama.2019.18150

High-Dose Vitamin D Supplementation and Bone Health

Giuseppe Lippi, MD; Giovanni Targher, MD

Abstract | **Full Text**

JAMA. 2020;323(1):92. doi:10.1001/jama.2019.18138

High-Dose Vitamin D Supplementation and Bone Health

Hao Li, MD; Zhou Xu, MD; Ling-quan Kong, MD, PhD

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

JAMA. 2020;323(1):92-93. doi:10.1001/jama.2019.18147

High-Dose Vitamin D Supplementation and Bone Health— Reply

David A. Hanley, MD, FRCPC; Lauren A. Burt, PhD; Steven K. Boyd, PhD

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

JAMA. 2020;323(1):93-94. doi:10.1001/jama.2019.18153

JAMA Masthead

JAMA

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☐ JAMA. 2020;323(1):11-12. doi:10.1001/jama.2019.13239



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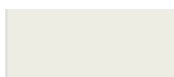
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Latest from the USPSTF

USPSTF Recommendation: Screening for Abdominal Aortic Aneurysm

1880s



January 14, 2020, Vol 323, No. 2, Pages 105-196

In This Issue of JAMA

Audio Highlights

Abstract | **Full Text**

   JAMA. 2020;323(2):e1920740. doi:10.1001/jama.2019.20740

 **Audio Summary:** Osocimab for VTE Prevention After TKA, Changes in FDA Approval and Regulation of Pharmaceuticals, Neuropsych Testing of Older Clinicians Prior to Recredentialing, and more

Original Investigation

Effect of Osocimab in Preventing Venous Thromboembolism Among Patients Undergoing Knee Arthroplasty: The FOXTROT Randomized Clinical Trial

Jeffrey I. Weitz, MD; Rupert Bauersachs, MD; Bastian Becker, MSc; et al.

Abstract | **Full Text**

JAMA. 2020;323(2):130-139. doi:10.1001/jama.2019.20687

This phase 2 clinical noninferiority trial compared 4 doses of postoperative osocimab, a monoclonal antibody against factor XI, vs enoxaparin and apixiban on venous thromboembolism incidence among patients undergoing knee replacement.

Editorial

How Effective and Safe Is Factor XI Inhibition in Preventing Venous Thrombosis?

Kenneth A. Bauer, MD

Effect of a Behavioral Intervention to Increase Vegetable Consumption on Cancer Progression Among Men With Early-Stage Prostate Cancer: The MEAL Randomized Clinical Trial

J. Kellogg Parsons, MD, MHS; David Zahrieh, PhD; James L. Mohler, MD; et al.

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

JAMA. 2020;323(2):140-148. doi:10.1001/jama.2019.20207

This randomized trial compares the effect of a counseling intervention to promote consumption of 7 or more daily vegetable servings vs an educational control on time to PSA- and biopsy-defined cancer progression in men with early-stage prostate cancer.

Patient-Reported Outcomes Through 5 Years for Active Surveillance, Surgery, Brachytherapy, or External Beam Radiation With or Without Androgen Deprivation Therapy for Localized Prostate Cancer

Karen E. Hoffman, MD, MHSc, MPH; David F. Penson, MD, MPH; Zhiguo Zhao, MS; et al.

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

JAMA. 2020;323(2):149-163. doi:10.1001/jama.2019.20675

This cohort study compares functional outcomes, including sexual and bowel function and urinary incontinence, associated with active surveillance, surgery, or radiation therapy 5 years after treatment.

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Research Letter

Incidence of Infectious Complications Following Cochlear

Implantation in Children and Adults

Daniel P. Lander, BS; Nedim Durakovic, MD; Dorina Kallogjeri, MD, MPH; et al.

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

JAMA. 2020;323(2):182-183. doi:10.1001/jama.2019.18611

This cohort study uses data from state health care databases to determine the incidence and timing of infectious complications following cochlear implant surgery among patients in 5 US states between 2006 and 2016.

Differences in Central Line–Associated Bloodstream Infection Rates Based on the Criteria Used to Count Central Line Days

David Scheinker, PhD; Andrew Ward, MS; Andrew Y. Shin, MD; et al.

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

JAMA. 2020;323(2):183-185. doi:10.1001/jama.2019.18616

This study uses electronic health record (EHR) data to evaluate differences in central line–associated bloodstream infection (CLABSI) rates by how central line days are counted: once a day at a fixed time for all patients; a sampling-based approximation; or a validated electronic count.

Special Communication

FDA Approval and Regulation of Pharmaceuticals, 1983-2018

Jonathan J. Darrow, SJD, JD, MBA; Jerry Avorn, MD; Aaron S. Kesselheim, MD, JD, MPH

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

☐ JAMA. 2020;323(2):164-176. doi:10.1001/jama.2019.20288

This study uses publicly available and FDA data to describe changes in drug testing laws and standards, the use of new FDA approval programs and standards, changes in the role and authority of the FDA, and changes in the number of drugs the FDA has approved from 1983 to 2018.

Editorial

Reform at the FDA—In Need of Reform

Joshua M. Sharfstein, MD

Viewpoint

Treatment Decisions for a Future Self: Ethical Obligations to Guide Truly Informed Choices

Claire J. Creutzfeldt, MD; Robert G. Holloway, MD, MPH

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

☐ JAMA. 2020;323(2):115-116. doi:10.1001/jama.2019.19652

This Viewpoint discusses the reality that most decisions about treatment for incapacitated patients involve surrogate assessments of patients' past values at their baseline health, and it proposes that more ethical and informed decision-making would help surrogates consider the degree to which their loved one might be able to adapt to and value a future health state at what is a higher level of disability.

☐ **Audio Interview:** Treatment Decisions for a Future Self

The Responsibility of Physicians to Maintain Competency

Sally A. Santen, MD, PhD; Robin R. Hemphill, MD, MPH; Martin Pusic, MD, PhD

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

JAMA. 2020;323(2):117-118. doi:10.1001/jama.2019.21081

This Viewpoint discusses 2 forces that can lead to the decline in competency in medicine over time, deterioration in ability with age and decrease in opportunities for maintenance and self-improvement, includes considerations that may be helpful to addressing competency decline.

A Piece of My Mind

Doctoring and Deportation

Samuel D. Slavin, MD

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

JAMA. 2020;323(2):119-120. doi:10.1001/jama.2019.21005

In this narrative medicine essay, a resident physician shares the story of a young Haitian woman with cancer whose survival was threatened with deportation for having missed her residency application deadline and of his role in advocating for her care with US citizenship and immigration services.

Editorial

How Effective and Safe Is Factor XI Inhibition in Preventing Venous Thrombosis?

Kenneth A. Bauer, MD

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

JAMA. 2020;323(2):121-122. doi:10.1001/jama.2019.20783

Reform at the FDA—In Need of Reform

Joshua M. Sharfstein, MD

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

JAMA. 2020;323(2):123-124. doi:10.1001/jama.2019.20538

Opportunities and Challenges in Valuing and Evaluating Aging Physicians

Katrina A. Armstrong, MD, MS; Eileen E. Reynolds, MD

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

JAMA. 2020;323(2):125-126. doi:10.1001/jama.2019.19706

[Editorial](#)

Best Practices in Assessing Aging Physicians for Professional Competency

Jeffrey L. Saver, MD

Best Practices in Assessing Aging Physicians for Professional Competency

Jeffrey L. Saver, MD

Abstract | Full Text

JAMA. 2020;323(2):127-129. doi:10.1001/jama.2019.20249

Editorial

Opportunities and Challenges in Valuing and Evaluating Aging Physicians

Katrina A. Armstrong, MD, MS; Eileen E. Reynolds, MD

JAMA Performance Improvement

Cognitive Testing of Older Clinicians Prior to Recredentialing

Leo Cooney, MD; Thomas Balcezak, MD

Abstract | Full Text

JAMA. 2020;323(2):179-180. doi:10.1001/jama.2019.18665

This JAMA Performance Improvement article reports the methods and outcomes of a cognitive screening program implemented at a US hospital to assess medical staff aged 70 years or older for clinical competency every 2 years as a requirement for reappointment.

Audio: The Aging Clinician: When Should Older Clinicians' Cognitive Abilities Be Evaluated?

Editorial

Opportunities and Challenges in Valuing and Evaluating Aging Physicians

Katrina A. Armstrong, MD, MS; Eileen E. Reynolds, MD

Best Practices in Assessing Aging Physicians for Professional Competency

Jeffrey L. Saver, MD

JAMA Insights

Clinical Update

Mild Traumatic Brain Injury in 2019-2020

Noah D. Silverberg, PhD; Ann-Christine Duhaime, MD; Mary Alexis Iaccarino, MD

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

JAMA. 2020;323(2):177-178. doi:10.1001/jama.2019.18134

This JAMA Insights Clinical Update reviews current practice for managing mild traumatic brain injury, which includes monitoring symptom resolution, counseling on return to activity, and timely specialty referral.

Medical News & Perspectives

Quick Uptakes

Large-Capacity Magazine Bans Linked With Fewer Mass Shootings, Deaths

Jennifer Abbasi

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

JAMA. 2020;323(2):108-109. doi:10.1001/jama.2019.20457

This Medical News article discusses a recent study of federal and state legislation restricting high-capacity ammunition-feeding devices.

The JAMA Forum

Early Returns From the Era of Precision Medicine

David M. Cutler, PhD

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

☐ JAMA. 2020;323(2):109-110. doi:10.1001/jama.2019.20659

News From the Centers for Disease Control and Prevention

Pneumococcal Vaccine Recommendation

Bridget Kuehn, MSJ

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

JAMA. 2020;323(2):112. doi:10.1001/jama.2019.20494

New Malaria Option

Bridget Kuehn, MSJ

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

JAMA. 2020;323(2):112. doi:10.1001/jama.2019.20669

Biotech Innovations

Studying New Approaches to Detect Atrial Fibrillation

Jennifer Abbasi

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

JAMA. 2020;323(2):111. doi:10.1001/jama.2019.21593

“Donation After Circulatory Death” Heart Transplant Is a US First

Jennifer Abbasi

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

JAMA. 2020;323(2):111. doi:10.1001/jama.2019.21073

Testing Hypothermic Preservation for Trauma Patients

Jennifer Abbasi

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

JAMA. 2020;323(2):111. doi:10.1001/jama.2019.21594

Poetry and Medicine

One’s Self I Sing Too

Shane Neilson, MD, MA, MFA, PhD

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

JAMA. 2020;323(2):191. doi:10.1001/jama.2019.20530

JAMA Revisited

The Patient Himself

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

JAMA. 2020;323(2):192. doi:10.1001/jama.2019.13257

JAMA Patient Page

Periorbital and Orbital Cellulitis

Ioana Baiu, MD, MPH; Elliot Melendez, MD

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

☐ JAMA. 2020;323(2):196. doi:10.1001/jama.2019.18211

This JAMA Patient Page describes the causes, symptoms, diagnosis, and treatment of periorbital and orbital cellulitis.

Comment & Response

Reporting of the Medical Licensing Examination

Thomas R. Schneider, BA

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

JAMA. 2020;323(2):185. doi:10.1001/jama.2019.18175

Reporting of the Medical Licensing Examination

George Douglas Everett, MD; Luis Isea, MD

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

JAMA. 2020;323(2):185-186. doi:10.1001/jama.2019.18181

Reporting of the Medical Licensing Examination

Robert Battisti, MD, MS

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

JAMA. 2020;323(2):186-187. doi:10.1001/jama.2019.18178

Reporting of the Medical Licensing Examination—Reply

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

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

JAMA. 2020;323(2):187. doi:10.1001/jama.2019.18184

Recommendations Related to Genetic Testing for Breast Cancer

Paul F. Pinsky, PhD

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

JAMA. 2020;323(2):187-188. doi:10.1001/jama.2019.18217

Recommendations Related to Genetic Testing for Breast Cancer

Thilo Dörk, PhD; Tjoung-Won Park-Simon, MD; Peter Hillemanns, MD

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

JAMA. 2020;323(2):188. doi:10.1001/jama.2019.18214

Recommendations Related to Genetic Testing for Breast Cancer—Reply

Alex H. Krist, MD, MPH; Douglas K. Owens, MD, MS; Carol M. Mangione, MD, MSPH

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

JAMA. 2020;323(2):188-189. doi:10.1001/jama.2019.18222

JAMA Masthead

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☐ JAMA. 2020;323(2):105-106. doi:10.1001/jama.2019.13250



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January 28, 2020, Vol 323, No. 4, Pages 295-386

In This Issue of JAMA

Audio Highlights

Abstract | **Full Text**

   JAMA. 2020;323(4):e1920742. doi:10.1001/jama.2019.20742

 **Audio Summary:** Diastolic Hypertension and CVD, Type 1 Diabetes Screening, Review of Medical Malpractice, and more

Original Investigation

Association of Isolated Diastolic Hypertension as Defined by the 2017 ACC/AHA Blood Pressure Guideline With Incident Cardiovascular Outcomes

John W. McEvoy, MBBCh, MEd, MHS; Natalie Daya, MPH; Faisal Rahman, MD; et al.

Abstract | **Full Text**

JAMA. 2020;323(4):329-338. doi:10.1001/jama.2019.21402

This study uses NHANES survey and population cohort data to compare the prevalence of isolated diastolic hypertension (IDH) in the United States by 2017 ACC/AHA and 2003 Joint National Committee (JNC7) definitions and to compare associations with cardiovascular disease (CVD).

Yield of a Public Health Screening of Children for Islet

Autoantibodies in Bavaria, Germany

Anette-Gabriele Ziegler, MD; Kerstin Kick, PhD; Ezio Bonifacio, PhD; et al.

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

□ JAMA. 2020;323(4):339-351. doi:10.1001/jama.2019.21565

This study categorizes the prevalence of 2 or more islet autoantibodies identified in preschool children in a population screening program, and the progression from presymptomatic to clinical symptomatic type 1 diabetes.

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Preliminary Communication

Effect of Treating Parents Colonized With *Staphylococcus aureus* on Transmission to Neonates in the Intensive Care Unit: A Randomized Clinical Trial

Aaron M. Milstone, MD, MHS; Annie Voskertchian, MPH; Danielle W. Koontz, MAA; et al.

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

JAMA. 2020;323(4):319-328. doi:10.1001/jama.2019.20785

This randomized clinical trial evaluates whether use of intranasal mupirocin and topical chlorhexidine to treat or prevent *Staphylococcus aureus* colonization in parents was effective compared with petrolatum ointment and soap cloths at reducing new colonization of concordant-strain *S aureus* in infants in the neonatal intensive care unit (NICU).

Editorial

Decreasing *Staphylococcus aureus* in the Neonatal Intensive Care Unit by Decolonizing Parents

Philip Zachariah, MD, MSc; Lisa Saiman, MD, MPH

Research Letter

Intravenous Ondansetron in Pregnancy and Risk of Congenital Malformations

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

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

JAMA. 2020;323(4):372-374. doi:10.1001/jama.2019.18587

This pharmacoepidemiology study uses Medicaid data to estimate associations between first-trimester use of intravenous ondansetron and risk of cardiac malformations and oral cleft in children of exposed mothers.

First-Trimester Pregnancy Exposure to Modafinil and Risk of Congenital Malformations

Per Damkier, MD, PhD; Anne Broe, MD, PhD

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

JAMA. 2020;323(4):374-376. doi:10.1001/jama.2019.20008

This study uses pharmacoepidemiology data from Danish national health registries to examine the association between first-trimester exposure to modafinil and risk of major congenital malformations.

Viewpoint

Scientific Discovery and the Future of Medicine

Manipulating the Human Microbiome to Manage Disease

Catriona P. Harkins, MBChB, PhD; Heidi H. Kong, MD, MHSc; Julia A. Segre, PhD

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

☐ *JAMA*. 2020;323(4):303-304. doi:10.1001/jama.2019.19602

This Viewpoint discusses the challenges and successes of the application of microbiome science to human health and highlights the need for basic mechanistic research informed by clinical questions to advance the field.

Audio Interview: The Potential of Manipulating the Human Microbiome to Manage Disease



Challenges to the Reproducibility of Machine Learning Models in Health Care

Andrew L. Beam, PhD; Arjun K. Manrai, PhD; Marzyeh Ghassemi, PhD

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

JAMA. 2020;323(4):305-306. doi:10.1001/jama.2019.20866

This Viewpoint reviews how machine learning models are developed and trained, discusses the challenges of reproducing medical machine learning model accuracy, and proposes practices and standards to improve the models' reproducibility and replicability.

DNA-Based Population Screening: Potential Suitability and Important Knowledge Gaps

Michael F. Murray, MD; James P. Evans, MD, PhD; Muin J. Khoury, MD, PhD

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

JAMA. 2020;323(4):307-308. doi:10.1001/jama.2019.18640

This Viewpoint describes principles of DNA-based population screening and knowledge gaps that must be addressed before increased use of DNA screening to identify persons with monogenic risk can be implemented in population screening programs.

Strategic Need for Large Prospective Studies in Different Populations

Zhengming Chen, DPhil; Jonathan Emberson, MD; Rory Collins, MBBS

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

JAMA. 2020;323(4):309-310. doi:10.1001/jama.2019.19736

This Viewpoint emphasizes the ability of prospective vs retrospective cohort and case-control studies to reliably identify disease risk factors in populations and discusses the need to collect detailed information about lifestyle and other exposures from large numbers of individuals in various settings with different risk factor levels and disease incidence rates to provide more widely generalizable evidence about the relevance of human exposures to different health conditions.

A Piece of My Mind

A Call for Help—Reflections on Burnout, CABG Surgery, and the Super Bowl

Jayson S. Greenberg, MD

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

□ JAMA. 2020;323(4):311-312. doi:10.1001/jama.2019.22083

In this narrative medicine essay, a surgeon uses the example of an NFL coach who after taking time away for burnout led his team to a Super Bowl championship to reflect on how a supportive environment that cares for patients and physicians could reduce burnout and subsequent adverse health outcomes.

Editorial

Decreasing *Staphylococcus aureus* in the Neonatal Intensive Care Unit by Decolonizing Parents

Philip Zachariah, MD, MSc; Lisa Saiman, MD, MPH

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

JAMA. 2020;323(4):313-314. doi:10.1001/jama.2019.20784

Malpractice Liability and Quality of Care: Clear Answer, Remaining Questions

William M. Sage, MD, JD; Kristen Underhill, JD, DPhil

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

JAMA. 2020;323(4):315-317. doi:10.1001/jama.2019.22530

JAMA Health Forum—A New Channel of Information

Howard Bauchner, MD; Thomas J. Easley

Abstract | **Full Text**

☐ ☐ JAMA. 2020;323(4):318. doi:10.1001/jama.2019.19691

Review

Malpractice Liability and Health Care Quality: A Review

Michelle M. Mello, JD, PhD; Michael D. Frakes, JD, PhD; Erik Blumenkranz, JD, MBA; et al.

Abstract | **Full Text**

☐ JAMA. 2020;323(4):352-366. doi:10.1001/jama.2019.21411

This systematic review summarizes evidence of associations between malpractice liability risk, defined as the extent to which clinicians face the threat of being sued and having to pay damages, and measures of health care quality and safety.

Editorial

Malpractice Liability and Quality of Care: Clear Answer, Remaining Questions

William M. Sage, MD, JD; Kristen Underhill, JD, DPhil

JAMA Insights

Women's Health

Osteoporosis Screening in Younger Postmenopausal Women

Carolyn J. Crandall, MD, MS; Kristine E. Ensrud, MD, MPH

Abstract | **Full Text**

JAMA. 2020;323(4):367-368. doi:10.1001/jama.2019.18343

This JAMA Insights in the Women's Health series summarizes USPSTF recommendations for screening postmenopausal women younger than 65 years for osteoporosis and advises use of the Osteoporosis Self-Assessment Tool (OST) for identifying younger women at risk of fracture who should undergo bone densitometry (DXA) testing.

JAMA Clinical Challenge

Fever, Diarrhea, and Weight Loss in a Man With Inflammatory Polyarthritis

Arjun R. Sondhi, MD; Kevin D. Platt, MD; Amit Gupta, MD

Abstract | **Full Text**

☐ JAMA. 2020;323(4):369-370. doi:10.1001/jama.2019.18724

A 61-year-old man with seronegative rheumatoid arthritis had persistent polyarthralgias, fever, and unintentional weight loss with an elevated CRP level despite treatment; he also had intermittent abdominal pain, protein-losing enteropathy, and steatorrhea, and esophagogastroduodenoscopy findings of white duodenal plaques with biopsy showing macrophages in the duodenal mucosa. What is the diagnosis and what would you do next?

Medical News & Perspectives

In Alzheimer Research, Glucose Metabolism Moves to Center Stage

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

JAMA. 2020;323(4):297-299. doi:10.1001/jama.2019.20939

This Medical News article discusses the roles that glucose metabolism, diabetes medication, and lifestyle interventions may play in the development and progression of Alzheimer disease and other dementias.

News From the Centers for Disease Control and Prevention

Prediabetes in Youth

Bridget Kuehn, MSJ

Abstract | **Full Text**

☐ JAMA. 2020;323(4):302. doi:10.1001/jama.2019.21122

Studies Support HPV Safety

Bridget Kuehn, MSJ

Abstract | **Full Text**

☐ JAMA. 2020;323(4):302. doi:10.1001/jama.2019.21289

Clinical Trials Update

Six Weeks of Prednisolone Reduced Hand Osteoarthritis Pain

Anita Slomski, MA

Abstract | **Full Text**

☐ JAMA. 2020;323(4):301. doi:10.1001/jama.2019.20918

Self-tests Increased HIV Diagnoses

Anita Slomski, MA

Abstract | **Full Text**

☐ JAMA. 2020;323(4):301. doi:10.1001/jama.2019.22084

Physiotherapy Not Effective for Pediatric Constipation

Anita Slomski, MA

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

☐ [JAMA. 2020;323\(4\):301. doi:10.1001/jama.2019.22085](#)

Testosterone Improved Body Composition in Male Cancer Survivors

Anita Slomski, MA

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

☐ [JAMA. 2020;323\(4\):301. doi:10.1001/jama.2019.22086](#)

Dapagliflozin Cut Risk of Worsening Heart Failure

Anita Slomski, MA

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

☐ [JAMA. 2020;323\(4\):301. doi:10.1001/jama.2019.22087](#)

Health Agencies Update

HHS Provides Free PrEP Medication to People Without Drug Coverage

Rita Rubin, MA

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

☐ [JAMA. 2020;323\(4\):300. doi:10.1001/jama.2019.21077](#)

Too Much Screen Time for Young Children, Experts Say

Rita Rubin, MA

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

☐ [JAMA. 2020;323\(4\):300. doi:10.1001/jama.2019.21854](#)

Rural Veterans Less Likely to Get Medication for Opioid Use Disorder

Rita Rubin, MA

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

☐ [JAMA. 2020;323\(4\):300. doi:10.1001/jama.2019.21856](#)

Poetry and Medicine

Nothing New Under the Sun

Charlotte Matthews, MFA

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

☐ [JAMA. 2020;323\(4\):381. doi:10.1001/jama.2019.21420](#)

JAMA Revisited

Current Comment: Competitors in Unpopularity

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

☐ [JAMA. 2020;323\(4\):382. doi:10.1001/jama.2019.13279](#)

JAMA Patient Page

Ketogenic Diets

Zhaoping Li, MD, PhD; David Heber, MD, PhD

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

☐ ☐ [JAMA. 2020;323\(4\):386. doi:10.1001/jama.2019.18408](#)

This JAMA Patient Page describes ketogenic diets, their medical uses, and their potential health benefits, risks, and side effects.



Clinical Review Audio: The Keto, Atkins, and Pritikin Diets



Clinical Review Audio: The Keto Diet: Advice for Patients

Comment & Response

Treatment of Iron Deficiency After Gastric Bypass

Michael Auerbach, MD

Abstract | **Full Text**

JAMA. 2020;323(4):376-377. doi:10.1001/jama.2019.19127

Treatment of Iron Deficiency After Gastric Bypass—Reply

Sameer B. Murali, MD, MSHS

Abstract | **Full Text**

JAMA. 2020;323(4):377. doi:10.1001/jama.2019.19130

Home-Based Physical Therapy for Older Adults After Hip Fracture

Jeff Schlicht, PhD

Abstract | **Full Text**

JAMA. 2020;323(4):378. doi:10.1001/jama.2019.19266

Home-Based Physical Therapy for Older Adults After Hip Fracture

Zhijie Xu, MBBS; Jianjiang Pan, MD; Yi Qian, MD

Abstract | **Full Text**

JAMA. 2020;323(4):378-379. doi:10.1001/jama.2019.19269

Home-Based Physical Therapy for Older Adults After Hip Fracture—Reply

Jay Magaziner, PhD, MSHyg; Rebecca Craik, PT, PhD

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

JAMA. 2020;323(4):379. doi:10.1001/jama.2019.19272

Correction

Data Errors in Table 1 of Study of Vitamin C in Sepsis

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

☐ JAMA. 2020;323(4):379. doi:10.1001/jama.2019.21469

JAMA Masthead

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☐ JAMA. 2020;323(4):295-296. doi:10.1001/jama.2019.13272



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January 2020, Vol 180, No. 1, Pages 4-172

In This Issue of JAMA Internal Medicine

Highlights

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

☐ *JAMA Intern Med.* 2020;180(1):No Pagination Specified. doi:10.1001/jamainternmed.2019.4346

Viewpoint

Health Care Policy and Law

Facilitating Methadone Use in Hospitals and Skilled Nursing Facilities

Jarratt D. Pytell, MD; Joshua M. Sharfstein, MD; Yngvild Olsen, MD, MPH

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

JAMA Intern Med. 2020;180(1):7-8. doi:10.1001/jamainternmed.2019.5731

This Viewpoint proposes updating federal regulations to conform to evidence-based practices in the management of opioid use disorder.

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Perspective

Lessons From Improv Comedy to Reduce Health Disparities

Marshall H. Chin, MD, MPH

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

JAMA Intern Med. 2020;180(1):5-6. doi:10.1001/jamainternmed.2019.5930

This article presents 4 lessons derived from improvisational and standup comedy that the author believes will improve clinical care and reduce health disparities among marginalized populations.

Original Investigation

Association of a Workplace Sales Ban on Sugar-Sweetened Beverages With Employee Consumption of Sugar-Sweetened Beverages and Health

Elissa S. Epel, PhD; Alison Hartman, BA; Laurie M. Jacobs, PhD; et al.

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

JAMA Intern Med. 2020;180(1):9-16. doi:10.1001/jamainternmed.2019.4434

This before-after study and additional randomized trial evaluates whether a workplace ban on sugar-sweetened beverage sales was associated with sugar-sweetened beverage intake and cardiometabolic health among employees and whether a brief motivational intervention provides added benefits to the sales ban.

Effect of the Tailored, Family-Involved Hospital Elder Life Program on Postoperative Delirium and Function in Older Adults: A Randomized Clinical Trial

Yan-Yan Wang, PhD; Ji-Rong Yue, MD; Dong-Mei Xie, BSN; et al.

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

JAMA Intern Med. 2020;180(1):17-25. doi:10.1001/jamainternmed.2019.4446

This randomized clinical trial evaluates the effectiveness of a delirium prevention intervention incorporating family and caregiver participation for reducing postoperative delirium and functional decline in older patients in China.

Health Care Policy and Law

Effect on Treatment Adherence of Distributing Essential Medicines at No Charge: The CLEAN Meds Randomized Clinical Trial

Navindra Persaud, MD; Michael Bedard, MD; Andrew S. Boozary, MD; et al.

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

☐ *JAMA Intern Med.* 2020;180(1):27-34. doi:10.1001/jamainternmed.2019.4472

This randomized clinical trial examines whether providing essential medicines at no charge to outpatients who reported not being able to afford medicines improves treatment adherence.

Firearm Violence

Association of Prior Convictions for Driving Under the Influence With Risk of Subsequent Arrest for Violent Crimes Among Handgun Purchasers

Rose M. C. Kagawa, PhD, MPH; Susan Stewart, PhD; Mona A. Wright, MPH; et al.

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

JAMA Intern Med. 2020;180(1):35-43. doi:10.1001/jamainternmed.2019.4491

This longitudinal cohort study investigates whether prior convictions for driving under the influence are associated with the risk of subsequent arrests for a violent crime among handgun purchasers in California aged 21 to 49 years at the time of purchase in 2001.

Effect of Depression Screening After Acute Coronary Syndromes on Quality of Life: The CODIACS-QoL Randomized Clinical Trial

Ian M. Kronish, MD, MPH; Nathalie Moise, MD, MS; Ying Kuen Cheung, PhD; et al.

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

JAMA Intern Med. 2020;180(1):45-53. doi:10.1001/jamainternmed.2019.4518

This randomized clinical trial examines whether systematically screening for depression in survivors of acute coronary syndromes improves quality of life and depression compared with usual care.

Association Between Pregnancy Outcomes and Radioactive Iodine Treatment After Thyroidectomy Among Women With Thyroid Cancer

Hye Ok Kim, MD, PhD; Kyungjong Lee, MD; Sang Moo Lee, MD, PhD; et al.

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

JAMA Intern Med. 2020;180(1):54-61. doi:10.1001/jamainternmed.2019.4644

This population-based cohort study uses the Health Insurance Review and Assessment database of South Korea to examine the association between adverse pregnancy outcomes and radioactive iodine treatment after thyroidectomy among South Korean women of childbearing age with thyroid cancer.

Health Care Policy and Law

Association Between Treatment by Fraud and Abuse Perpetrators and Health Outcomes Among Medicare Beneficiaries

Lauren Hersch Nicholas, PhD, MPP; Caroline Hanson, PhD; Jodi B. Segal, MD, MPH; et al.

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

JAMA Intern Med. 2020;180(1):62-69. doi:10.1001/jamainternmed.2019.4771

This cross-sectional study based on Medicare claims data analyzes emergency hospitalization and mortality rates among patients who received health care services from health care professionals later dropped by Medicare for fraud and abuse violations.

Editor's Note

The Human Costs of Medicare Fraud and Abuse

Joseph S. Ross, MD, MHS

Comparison of Group Medical Visits Combined With Intensive Weight Management vs Group Medical Visits Alone for Glycemia in Patients With Type 2 Diabetes: A Noninferiority Randomized Clinical Trial

William S. Yancy Jr, MD; Matthew J. Crowley, MD; Moahad S. Dar, MD; et al.

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

JAMA Intern Med. 2020;180(1):70-79. doi:10.1001/jamainternmed.2019.4802

This randomized clinical trial compares the effect of intensive weight management combined with group medical visits vs group medical visits alone on glycemia in patients with type 2 diabetes.

Trends in Mortality for Medicare Beneficiaries Treated in the Emergency Department From 2009 to 2016

Laura G. Burke, MD, MPH; Stephen K. Epstein, MD, MPP; Ryan C. Burke, MPH, PhD; et al.

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

JAMA Intern Med. 2020;180(1):80-88. doi:10.1001/jamainternmed.2019.4866

This cross-sectional study examines trends in 30-day mortality rates associated with care in the emergency department among Medicare beneficiaries aged 65 years or older.

Mind-Body Therapies for Opioid-Treated Pain: A Systematic Review and Meta-analysis

Eric L. Garland, PhD; Carrie E. Brintz, PhD; Adam W. Hanley, PhD; et al.

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

☐ *JAMA Intern Med.* 2020;180(1):91-105. doi:10.1001/jamainternmed.2019.4917

This systematic review and meta-analysis evaluates whether mind-body therapies are associated with pain reduction and opioid-related outcome improvement in adults using opioids for pain.

Association of Long-term Ambient Ozone Exposure With Respiratory Morbidity in Smokers

Laura M. Paulin, MD, MHS; Amanda J. Gasset, PhD; Neil E. Alexis, PhD; et al.

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

JAMA Intern Med. 2020;180(1):106-115. doi:10.1001/jamainternmed.2019.5498

This cohort study analyzes ozone exposure levels, smoking history, self-reported respiratory outcomes, and other demographic and clinical data of participants in the Air Pollution Study of the Subpopulations and Intermediate Outcome Measures In COPD Study.

Effect of Internet-Distributed HIV Self-tests on HIV Diagnosis and Behavioral Outcomes in Men Who Have Sex With Men: A Randomized Clinical Trial

Robin J. MacGowan, MPH; Pollyanna R. Chavez, PhD; Craig B. Borkowf, PhD; et al.

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

JAMA Intern Med. 2020;180(1):117-125. doi:10.1001/jamainternmed.2019.5222

This randomized clinical trial evaluates the effect of providing HIV self-tests on frequency of testing, diagnoses of HIV infection, and sexual risk behaviors among men who have sex with men.

Editor's Note

Ending the HIV Epidemic in the United States—The Roles of Increased Testing and Preexposure Prophylaxis

Julia M. Janssen, MD; Mitchell H. Katz, MD

Invited Commentary

Including the Family in Perioperative Care of Older Adults —A Call for HELP

Victoria Tang, MD, MAS; Emily Finlayson, MD, MS; Ken Covinsky, MD, MPH

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

JAMA Intern Med. 2020;180(1):25-26. doi:10.1001/jamainternmed.2019.4202

Firearm Violence

Reducing Gun Violence Using Alcohol-Related Convictions: “Never Use Alcohol, Over-the-Counter Drugs, or Prescription Drugs Before or While Shooting”

Elinore Kaufman, MD, MSHP; Christopher N. Morrison, PhD; Charles C. Branas, PhD

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

JAMA Intern Med. 2020;180(1):43-44. doi:10.1001/jamainternmed.2019.4498

Reflections on Mortality and Uncertainty in Emergency Medicine

Silas W. Smith, MD; David C. Lee, MD, MS; Lewis R. Goldfrank, MD

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

JAMA Intern Med. 2020;180(1):88-90. doi:10.1001/jamainternmed.2019.4858

Shining New Light on Long-term Ozone Harms

Vijay S. Limaye, PhD; Kim Knowlton, DrPH

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

JAMA Intern Med. 2020;180(1):115-116. doi:10.1001/jamainternmed.2019.5967

Antimicrobial Drug Development Efficiency and Surrogate Markers of Clinical Benefit

Paul Volberding, MD; Henry F. Chambers, MD

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

JAMA Intern Med. 2020;180(1):138-139. doi:10.1001/jamainternmed.2019.5441

Editor's Note

The Human Costs of Medicare Fraud and Abuse

Joseph S. Ross, MD, MHS

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

JAMA Intern Med. 2020;180(1):69. doi:10.1001/jamainternmed.2019.5004

Ending the HIV Epidemic in the United States—The Roles of Increased Testing and Preexposure Prophylaxis

Julia M. Janssen, MD; Mitchell H. Katz, MD

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

JAMA Intern Med. 2020;180(1):130. doi:10.1001/jamainternmed.2019.5442

Special Communication

HIV Preexposure Prophylaxis—The Role of Primary Care Clinicians in Ending the HIV Epidemic

Joshua Khalili, MD; Raphael J. Landovitz, MD, MSc

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

☐ *JAMA Intern Med.* 2020;180(1):126-130. doi:10.1001/jamainternmed.2019.5456

This Special Communication describes how primary care clinicians must play a central role in implementing widespread use of preexposure prophylaxis for those at high risk to address the spread of HIV.

Editor's Note

Ending the HIV Epidemic in the United States—The Roles of Increased Testing and Preexposure Prophylaxis

Julia M. Janssen, MD; Mitchell H. Katz, MD

Review

US Food and Drug Administration Recommendations on the Use of Surrogate Measures as End Points in New Anti-infective Drug Approvals

Spencer Phillips Hey, PhD; Aaron S. Kesselheim, MD, JD, MPH; Pranav Patel, BS, MPH; et al.

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

JAMA Intern Med. 2020;180(1):131-138. doi:10.1001/jamainternmed.2019.5451

This systematic review examines FDA recommendations for primary end points in pivotal trials of new anti-infective drugs and assesses the concordance of those recommendations with the regulatory and scientific conditions for the appropriate use of surrogate measures as primary trial outcomes.

Research Letter

Assessment of Subspecialty Choices of Men and Women in Internal Medicine From 1991 to 2016

Anna T. Stone, MD; Kelly M. Carlson, MD; Pamela S. Douglas, MD, MACC; et al.

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

JAMA Intern Med. 2020;180(1):140-141. doi:10.1001/jamainternmed.2019.3833

This case series examines the percentage of women residencies and fellowships in 9 internal medicine medical subspecialties from 1991 to 2016.

Trends in Aggregate Use and Associated Expenditures of Antihyperglycemic Therapies Among US Medicare Beneficiaries Between 2012 and 2017

Andrew Sumarsono, MD; Brendan M. Everett, MD, MPH; Darren K. McGuire, MD, MHSc; et al.

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

JAMA Intern Med. 2020;180(1):141-144. doi:10.1001/jamainternmed.2019.3884

This study examines trends in aggregate use and expenditures for diabetes mellitus therapies among US Medicare Part D beneficiaries.

Risk Factors Associated With Food Insecurity in the Medicare Population

Jeanne M. Madden, PhD; Prathwish S. Shetty, MSc; Fang Zhang, PhD; et al.

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

JAMA Intern Med. 2020;180(1):144-147. doi:10.1001/jamainternmed.2019.3900

This analysis of survey data presents national estimates of food insecurity prevalence within the Medicare population.

Miscategorization of Deaths in the US Food and Drug Administration Adverse Events Database

Lily Meier; Elizabeth Y. Wang, BA; Madris Tomes, MBA; et al.

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

JAMA Intern Med. 2020;180(1):147-148. doi:10.1001/jamainternmed.2019.4030

This database study assesses the misclassification of death reports for 2 medical devices within the US Food and Drug Administration’s Manufacturer and User Facility Device Experience database.

Health Care Policy and Law

Changes and Variation in Medicare Graduate Medical Education Payments

Candice Chen, MD, MPH; YoonKyung Chung, PhD; Stephen Petterson, PhD; et al.

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

JAMA Intern Med. 2020;180(1):148-150. doi:10.1001/jamainternmed.2019.4429

This study examines the growth of Medicare graduate medical education payments per resident full-time equivalent, variation in payment rates between hospitals, and potential savings from capping these payments.

Physician Work Environment and Well-Being

Patterns of Work-Related Burnout in Physician-Scientists Receiving Career Development Awards From the National Institutes of Health

Chithra R. Perumalswami, MD, MSc; Kent A. Griffith, MS, MPH; Rochelle D. Jones, MS; et al.

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

JAMA Intern Med. 2020;180(1):150-153. doi:10.1001/jamainternmed.2019.4317

This survey study examines the patterns of work-related burnout in physician-scientists.

Physician Work Environment and Well-Being

Implementation of Federal Dependent Care Policies for Physician-Scientists at Leading US Medical Schools

Cora H. Ormseth, BA; Christina Mangurian, MD, MAS; Reshma Jagsi, MD, DPhil; et al.

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

JAMA Intern Med. 2020;180(1):153-157. doi:10.1001/jamainternmed.2019.4611

This survey study explores whether leading US medical schools have policies about dependent care travel costs.

Assessment of Pharmacy Closures in the United States From 2009 Through 2015

Jenny S. Guadamuz, MS; G. Caleb Alexander, MD, MS; Shannon N. Zenk, PhD; et al.

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

JAMA Intern Med. 2020;180(1):157-160. doi:10.1001/jamainternmed.2019.4588

This quality improvement study examines trends in pharmacy closures in the United States between 2009 and 2015, as well as pharmacy, community, and market factors that might be associated with such closures.

Comment & Response

More Explorations Needed on Association of Electronic Cigarette Use and Smoking Reduction

Danni He, MD; Wenquan Niu, PhD

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

JAMA Intern Med. 2020;180(1):160. doi:10.1001/jamainternmed.2019.5272

More Explorations Needed on Association of Electronic Cigarette Use and Smoking Reduction—Reply

Ramchandrar Gomajee, MSc; Fabienne El-Khoury, PhD; Maria Melchior, ScD

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

JAMA Intern Med. 2020;180(1):160-161. doi:10.1001/jamainternmed.2019.5275

Disclose and Manage Conflicts of Interest at Cancer Centers

Roy A. Jensen, MD; Karen E. Knudsen, MBA, PhD; Leonidas C. Platanias, MD, PhD

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

JAMA Intern Med. 2020;180(1):161. doi:10.1001/jamainternmed.2019.5542

Disclose and Manage Conflicts of Interest at Cancer Centers—Reply

David Carr, MD; H. Gilbert Welch, MD, MPH

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

JAMA Intern Med. 2020;180(1):161-162. doi:10.1001/jamainternmed.2019.5547

Clinical Significance and Outcomes in Trial of Nabiximols for Treatment of Cannabis Dependence

Frances R. Levin, MD; John J. Mariani, MD

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

JAMA Intern Med. 2020;180(1):162-163. doi:10.1001/jamainternmed.2019.5664

Clinical Significance and Outcomes in Trial of Nabiximols for Treatment of Cannabis Dependence

Robert A. Kleinman, MD; Michael J. Ostacher, MD, MPH, MMSc

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

JAMA Intern Med. 2020;180(1):163. doi:10.1001/jamainternmed.2019.5667

Clinical Significance and Outcomes in Trial of Nabiximols for Treatment of Cannabis Dependence—Reply

Nicholas Lintzeris, MBBS, PhD; Jan Copeland, PhD; Raimondo Bruno, PhD

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

JAMA Intern Med. 2020;180(1):163-164. doi:10.1001/jamainternmed.2019.5670

Highlighting the Need for Action Regarding Persistent Sex Bias in Research

Kimberly E. Lind, PhD, MPH

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

JAMA Intern Med. 2020;180(1):164-165. doi:10.1001/jamainternmed.2019.5673

Highlighting the Need for Action Regarding Persistent Sex Bias in Research—Reply

Timothy S. Anderson, MD, MAS; Michael A. Steinman, MD

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

JAMA Intern Med. 2020;180(1):165. doi:10.1001/jamainternmed.2019.5676

Stress Testing and Risk Prediction in People With Known Symptomatic Multivessel Coronary Artery Disease

Sebhat Erqou, MD, PhD; Cullen Soares, MD; Wen-Chih Wu, MD, MPH

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

JAMA Intern Med. 2020;180(1):165-166. doi:10.1001/jamainternmed.2019.5854

Stress Testing and Risk Prediction in People With Known Symptomatic Multivessel Coronary Artery Disease—Reply

Cibele Larrosa Garzillo, MD, PhD; Paulo Cury Rezende, MD, PhD; Whady Hueb, MD, PhD

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

JAMA Intern Med. 2020;180(1):166-167. doi:10.1001/jamainternmed.2019.5857

Correction

Incomplete and Incorrect Information in Author Affiliations

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

☐ *JAMA Intern Med.* 2020;180(1):167. doi:10.1001/jamainternmed.2019.6286

Typographical Errors in Text and Figure

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

☐ *JAMA Intern Med.* 2020;180(1):167. doi:10.1001/jamainternmed.2019.6508

JAMA Internal Medicine Patient Page

Advance Care Planning—What Should I Know?

John Landefeld, MD; Michael A. Incze, MD, MEd

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☐ *JAMA Intern Med.* 2020;180(1):172. doi:10.1001/jamainternmed.2019.0005

This Patient Page describes advance care planning and the decision-making surrounding it.

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☐ *JAMA Intern Med.* 2020;180(1):4. doi:10.1001/jamainternmed.2019.4347



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ISSN: 0884-8734 (Print) 1525-1497 (Online)

In this issue (77 articles)

1. From the Editors' Desk

From the Editors' Desk: The Importance of Screening for Depression in Primary Care

[Jeffrey L. Jackson MD MPH](#), [Julie Lucas Machen MD](#) Pages 1-2

2. Editorial

The Promise of Virtual Complex Care Management

[Michael Hochman](#), [Steven M. Asch](#) Pages 3-4

3. Editorial

How Can We Optimize Care and Outcomes for Patients with Mild Cognitive Impairment and Acute Myocardial Infarction?

[Ariel R. Green MD, MPH, PhD](#) Pages 5-7

4. Editorial

Opioid Tapering and the Patient-Provider Relationship

[Marianne S. Matthias Ph.D.](#) Pages 8-9

5. Editorial

A Provider - Patient Relationship: The Critical First Step of Smoking Cessation

[Katie Jordan OTD, OTR/L](#) Pages 10-11

6. OriginalPaper

The Role of Screening in Depression Diagnosis and Treatment in a Representative Sample of US Primary Care Visits

[Hillary Samples PhD, MHS](#), [Elizabeth A. Stuart PhD](#)... Pages 12-20

7. Original Research

A Novel Intervention for High-Need, High-Cost Medicaid Patients: a Study of ECHO Care

[Miriam Komaromy MD](#), [Judy Bartlett PhD, MPH](#)... Pages 21-27

8. Original Research

Mild Cognitive Impairment and Receipt of Treatments for Acute Myocardial Infarction in Older Adults

[Deborah A. Levine MD, MPH](#), [Kenneth M. Langa MD, PhD](#)... Pages 28-35

9. Original Research

Opioid Taper Is Associated with Subsequent Termination of Care: a Retrospective Cohort Study

[Hector R. Perez MD, MS](#), [Michele Buonora MD, MS](#)... Pages 36-42

10. Original Research

Provider-Patient Discussions About Smoking and the Impact of Lung Cancer Screening Guidelines: NHIS 2011–2015

[Jinhai Huo PhD, MD, MSPH](#), [Tong Han Chuna MPH, PhD](#)... Pages 43-50

11. Original Research

De-implementing Inhaled Corticosteroids to Improve Care and Safety in COPD Treatment: Primary Care Providers' Perspectives

[Krystel Stryczek MA, Colby Lea BS...](#) Pages 51-56

12. Original Research

Treatment Bias in Management of HIV Patients Admitted for Acute Myocardial Infarction: Does It Still Exist?

[Gbolahan O. Ogunbayo MD, Le Dung Ha MD...](#) Pages 57-62

13. Original Research

Primary Care Providers' Acceptance of Pharmacists' Recommendations to Support Optimal Medication Management for Patients with Diabetic Kidney Disease

[Leah L. Zullia PhD, Shelley A. Jazowski MPH...](#) Pages 63-69

14. OriginalPaper

Impact of a Patient-Centered Behavioral Economics Intervention on Hypertension Control in a Highly Disadvantaged Population: a Randomized Trial

[Martin F. Shapiro MD, CM, PhD, Suzanne B. Shu PhD...](#) Pages 70-78

15. Original Research

Discharge Information and Support for Patients Discharged from the Emergency Department: Results from a Randomized Controlled Trial

[Susan N. Hastings MD, MHSc, Karen M. Stechuchak MS...](#) Pages 79-86

16. Original Reserch

Telemonitoring and Team-Based Management of Glycemic Control on People with Type 2 Diabetes: a Cluster-Randomized Controlled Trial

[Jun Yang Lee MPharm, Carina Ka Yee Chan PhD...](#) Pages 87-94

17. Original Research

Trends in Self-reported Prediabetes and Metformin Use in the USA: NHANES 2005–2014

[Caroline Liu MHS, Kathryn Foti MPH...](#) Pages 95-101

18. Original Research

Effect of Mobile Device-Assisted N-of-1 Trial Participation on Analgesic Prescribing for Chronic Pain: Randomized Controlled Trial

[David D. Odineal MD, Maria T. Marois PhD, MPH...](#) Pages 102-111

19. Original Research

Mortality Among Veterans with Major Mental Illnesses Seen in Primary Care: Results of a National Study of Veteran Deaths

[Ranak B. Trivedi PhD, Edward P. Post MD, PhD...](#) Pages 112-118

20. Original Research

Association of the Implementation of the Patient-Centered Medical Home with Quality of Life in Patients with Multimorbidity

[Linnaea Schuttner MD, MS, Ashok Reddy MD, MS...](#) Pages 119-125

Support 

[Skip to main content](#)



[Journal of General Internal Medicine](#)

[All Volumes & Issues](#)

ISSN: 0884-8734 (Print) 1525-1497 (Online)

In this issue (77 articles)

1. Original Research

Continuing, Withdrawing, and Withholding Medical Treatment at the End of Life and Associated Characteristics: a Mortality Follow-back Study

[Yolanda W. H. Penders PhD](#), [Matthias Bopp PhD, MPH](#)... Pages 126-132

2. Original Research

Low-Value Care and Clinician Engagement in a Large Medicare Shared Savings Program ACO: a Survey of Frontline Clinicians

[Adam A. Markovitz BS](#), [Michael D. Rozier PhD](#)... Pages 133-141

3. Original Research

Hypertension Self-management in Socially Disadvantaged African Americans: the Achieving Blood Pressure Control Together (ACT) Randomized Comparative Effectiveness Trial

[L. Ebony Boulware MD](#), [Patti L. Ephraim MPH](#)... Pages 142-152

4. Original Research

Sources of Information and Beliefs About the Health Effects of Marijuana

[Julie H. Ishida MD, MAS](#), [Alysandra J. Zhang BA](#)... Pages 153-159

5. OriginalPaper

Comorbid Diabetes and Severe Mental Illness: Outcomes in an Integrated Health Care Delivery System

[Christina Mangurian MD, MAS](#), [Dean Schillinger MD](#)... Pages 160-166

6. Original Research

Yoga, Physical Therapy, and Back Pain Education for Sleep Quality in Low-Income Racially Diverse Adults with Chronic Low Back Pain: a Secondary Analysis of a Randomized Controlled Trial

[Eric J. Roseen DC, MSc](#), [Hanna Gerlovin PhD](#)... Pages 167-176

7. OriginalPaper

Poor Involvement of General Practitioners in Decisions of Withholding or Withdrawing Life-Sustaining Treatment in Emergency Departments

[Marion Douplat MD PhD](#), [Khadidia Daoud MD](#)... Pages 177-181

8. Original Research

A Systems-Level Approach to Improving Medication Adherence in Hypertensive Latinos: a Randomized Control Trial

[Antoinette Schoenthaler EdD, FACH](#)... Pages 182-189

9. OriginalPaper

Satisfaction with Primary Care Providers and Health Care Services Among Patients with Chronic Pain: a Mixed-Methods Study

[Inga Gräß PhD](#), [Alison Firemark MA](#)... Pages 190-197

10. Original Research

Compassion in the Clinical Context: Constrained, Distributed, and Adaptive

[Amanda L. Roze des Ordons MD, MEd](#)... Pages 198-206

11. Original Research

Military Sexual Trauma in Older Women Veterans: Prevalence and Comorbidities

Carolyn J. Gibson PhD, MPH, Shira Maquen PhD... Pages 207-213

12. Original Research

Hospitalist Vs. Non-Hospitalist Care Outcomes and Costs for Medicare Beneficiaries Discharged to Skilled Nursing Facilities in 2012–2014

Kira L. Ryskina MD, MS, MSHP, Yihao Yuan MS... Pages 214-219

13. OriginalPaper

A Gradient Boosting Machine Learning Model for Predicting Early Mortality in the Emergency Department Triage: Devising a Nine-Point Triage Score

Maximiliano Klug MD, Yiftach Barash MD... Pages 220-227

14. Original Research

Importance of Communication and Relationships: Addressing Disparities in Hospitalizations for African-American Patients in Academic Primary Care

Jessica Valente MD, Natrina Johnson MS, Ugo Edu PhD... Pages 228-236

15. Original Research

How Clinicians Discuss Medications During Primary Care Encounters Among Older Adults with Cognitive Impairment

Ariel R. Green MD, MPH, PhD, Jennifer L. Wolff PhD... Pages 237-246

16. Original Research

Access to Primary, Mental Health, and Specialty Care: a Comparison of Medicaid and Commercially Insured Populations in Oregon

K. John McConnell PhD... Pages 247-254

17. Original Research

A “Tea and Cookies” Approach: Co-designing Cancer Screening Interventions with Patients Living with Low Income

Aisha K. Lofters MD PhD, Natalie A. Baker PhD (c)... Pages 255-260

18. Original Research

Frontline Perspectives on Physician Burnout and Strategies to Improve Well-Being: Interviews with Physicians and Health System Leaders

Ellis C. Dillon PhD, Ming Tai-Seale PhD, MPH... Pages 261-267

19. Original Research

E-Cigarette Use Among Adult Primary Care Patients: Results from a Multisite Study

William S. John PhD, Kiran Grover MPH... Pages 268-275

20. Original Research

At Odds About the Odds: Women's Choices to Accept Osteoporosis Medications Do Not Closely Agree with Physician-Set Treatment Thresholds

Emma O. Billington MD, A. Lynn Feasel BN... Pages 276-282

Support 

[Skip to main content](#)



[Journal of General Internal Medicine](#)

[All Volumes & Issues](#)

ISSN: 0884-8734 (Print) 1525-1497 (Online)

In this issue (77 articles)

1. Original Research

Provider Misinterpretation, Documentation, and Follow-Up of Definitive Urine Drug Testing Results

[Isaac Chua MD, MPH](#), [Athena K. Petrides PhD](#)... Pages 283-290

2. OriginalPaper

Patterns of Opioid and Benzodiazepine Use in Opioid-Naïve Patients with Newly Diagnosed Low Back and Lower Extremity Pain

[Tej D. Azad MS](#), [Yi Zhang AB](#), [Martin N. Stienen MD](#)... Pages 291-297

3. Original Research

Awareness and Discussions About Chronic Kidney Disease Among African-Americans with Chronic Kidney Disease and Hypertension: a Mixed Methods Study

[Karly A. Murphy MD](#), [Raquel C. Greer MD, MHS](#)... Pages 298-306

4. Review Article

Engaging Patients and Other Non-Researchers in Health Research: Defining Research Engagement

[Lori Frank PhD](#), [Sally C. Morton PhD](#)... Pages 307-314

5. Review Article

Criteria for Hyponatremic Overcorrection: Systematic Review and Cohort Study of Emergently Ill Patients

[Jason D. Woodfine MD](#), [Carl van Walraven MD](#) Pages 315-321

6. Perspective

The Tuskegee Study of Untreated Syphilis: A Case Study in Peripheral Trauma with Implications for Health Professionals

[Marcella Alsan MD, MPH, PhD](#), [Marianne Wanamaker PhD](#)... Pages 322-325

7. Innovation and Improvement: Innovations in Medical Education

ECHO Care: Providing Multidisciplinary Specialty Expertise to Support the Care of Complex Patients

[Miriam Komaromy MD](#), [Judy Bartlett PhD, MPH](#)... Pages 326-330

8. Innovation and Improvement: Innovations in Medical Education

Development of a Novel Competency-Based Evaluation System for HIV Primary Care Training: the HIV Entrustable Professional Activities

[Dana Dunne MD](#), [Michael Green MD, ScM](#)... Pages 331-335

9. OriginalPaper

E-Cigarettes: Harmful or Harm-Reducing? Evaluation of a Novel Online CME Program for Health Care Providers

[Priya Fielding-Singh PhD](#), [Cati Brown-Johnson PhD](#)... Pages 336-340

10. Clinical Practice: Clinical Vignettes

Recurrent Sinopulmonary Infections in a Patient Whose HIV Masked Common Variable Immunodeficiency

[D. Gollapudi MD](#), [M. O'Donnell DO](#), [M. NeSmith MD](#)... Pages 341-344

11. Clinical Practice: Clinical Vignettes

Persistent Severe Fixed Airways Obstruction in a High-Dosing E-cigarette User

Tony V. Macedonia M.D., Silpa D. Krefft M.D.,... Pages 345-349

12. Clinical Practice: Clinical Image

Syphilis as Athlete's Foot: "The Great Imitator" Strikes Again

Noelle Boctor MD, Paul Aronowitz MD, MACP Page 350

13. Concise Research Report

Results and Lessons of a Pilot Study of Cascade Screening for Familial Hypercholesterolemia in US Primary Care Practices

Joan Neuner MD, MPH, David Dimmock MD... Pages 351-353

14. Concise Research Report

Extended-Release Formulation and Medication Adherence

John A. Romley PhD, Zhiwen Xie MA, Tommy Chiou BA... Pages 354-356

15. Concise Research Report

Managed Health Care and Utilization of Fecal Occult Blood Testing for Colorectal Cancer Screening: a National Database Study

Daniel Bushyhead MD, Paul Fishman PhD Pages 357-359

16. Concise Research Report

Prevalence of Patient-Reported Social Risk Factors and Receipt of Assistance in Federally Funded Health Centers

Emilia De Marchis MD, MAS, Matthew Pantell MD MS... Pages 360-364

17. Concise Research Report

Older Adults' Perceptions of Overuse

Jeffrey T. Kullgren MD, MS, MPH... Pages 365-367

18. Concise Research Report

Uptake of Obesity Intensive Behavioral Treatment Codes in Medicare Beneficiaries, 2012–2015

Shenbaqam Dewar MD, Julie Bynum MD, MPH... Pages 368-370

19. Concise Research Report

Emergency Visits for Oral Anticoagulant Bleeding

Andrew I. Geller MD, Nadine Shehab PharmD, MPH... Pages 371-373

20. Concise Research Report

Dissatisfaction with Medical and Surgical Residency Training Is Consistently Higher for Women than for Men

C. Jessica Dine MD MSHP, Manqing Liu MHS... Pages 374-376



[Skip to main content](#)



[Journal of General Internal Medicine](#)

[All Volumes & Issues](#)

ISSN: 0884-8734 (Print) 1525-1497 (Online)

In this issue (77 articles)

1. Letter

Reporting of Drug Benefit in FDA-Approved Prescription Drug Labeling

[Bansri Desai PharmD](#), [Kvungwan Hong PharmD, MS...](#) Pages 377-379

2. Concise Research Report

The Effect of Exposure to Disaster on Cancer Survival

[Sue Anne Bell PhD, FNP-BC](#), [Mousumi Banerjee PhD...](#) Pages 380-382

3. Concise Research Report

Reducing Psychotropic Use in Older Non-demented Spanish Care Home Residents: a Before-After Comparison of Three Methods

[Curtis L. Petersen MPH](#), [David Curto MD, MBA...](#) Pages 383-385

4. Concise Research Report

The Impact of Age on the Likely Impact of Coronary Calcium Testing in the 2018 Cholesterol Guidelines

[Jeremy B. Sussman MD, MS...](#) Pages 386-388

5. Concise Research Report

Creating a Culture of Physician Event Reporting Through Resident Physician Education and Engagement

[Jennifer M. Schmidt MD](#), [Justin Adams MD...](#) Pages 389-391

6. Concise Research Report

Missed Opportunity for HIV Prevention Among a High-Risk Population of Women Experiencing Intimate Partner Violence

[Melissa E. Dichter PhD, MSW](#), [Shannon N. Ogden MPH...](#) Pages 392-393

7. Concise Research Report

Temporal Trends in the Loudness of Popular Music over Six Decades

[Hourmazzd Haqhbayan M.D.](#), [Eric A. Coomes M.D...](#) Pages 394-395

8. Letter to the Editor

Vitamin K Antagonist Use and Fracture

[Wallis C. Y. Lau PhD](#), [Kenneth K. C. Man MPH...](#) Pages 396-397

9. Capsule Commentary

Capsule Commentary on Stryczek et. al., De-implementing Inhaled Corticosteroids to Improve Care and Safety in COPD Treatment: Primary Care Providers' Perspectives

[Isomi M. Mlake-Lye PhD](#) Page 398

10. Capsule Commentary

Capsule Commentary on Ogunbayo et al., "Treatment Bias in Management of HIV Patients Admitted for Acute Myocardial Infarction: Does it Still Exist?"

[Ahmed Taha MD](#) Page 399

11. Capsule Commentary

Capsule Commentary on Shapiro et al., Impact of a Patient-Centered Behavioral Economics Intervention on Hypertension Control in a Highly Disadvantaged Population: a Randomized Trial

Justin S. White PhD Page 400

12. Capsule Commentary

Capsule Commentary on Hastings, et. al., Discharge Information and Support for Patients Discharged from the Emergency Department: Results from a Randomized Controlled Trial

Timothy F. Simpson MD, Pharm.D Page 401

13. Capsule Commentary

Capsule Commentary on Lee et al., Telemonitoring and Team-Based Management of Glycemic Control on People with Type 2 Diabetes: a Cluster Randomized Controlled Trial

Shira H. Fischer MD, PhD Page 402

14. Capsule Commentary

Capsule Commentary on Liu et al., Trends in Self-reported Prediabetes and Metformin Use in the United States: NHANES 2005–2014

Elizabeth A. Richey MD, MS, David S. Smith MD Page 403

15. Capsule Commentary

Capsule Commentary on Odineal et al., Effect of Mobile Device-Assisted N-of-1 Trial Participation on Analgesic Prescribing for Chronic Pain: Randomized Controlled Trial

Michelle S. Keller PhD, MPH Page 404

16. Capsule Commentary

Capsule Commentary on Woodfine et. al., Criteria for Hyponatremic Overcorrection: Systematic Review and Cohort Study of Emergently Ill Patients

Eilidh McAlister, Finlay A. McAlister MD MSC Page 405

17. Capsule Commentary

Capsule Commentary on Zullig et al., Primary Care Providers' Acceptance of Pharmacists' Recommendations to Support Optimal Medication Management for Patients with Diabetic Kidney Disease

Tony Kuo M.D., M.S.H.S. Page 406



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Special Opioid Issue

VOLUME 33, NUMBER 1

JANUARY–FEBRUARY 2020

CONTENTS

COMMENTARIES

- Family Medicine and the “New” Opioid Epidemic **1**
Mark S. Johnson

- Why Are Early Career Family Physicians Driving Increases in
Buprenorphine Prescribing? **4**
Joshua St. Louis and Nicholas Weida

POLICY BRIEF

- Early-Career and Graduating Physicians More Likely to Prescribe
Buprenorphine **7**
Lars E. Peterson, Zachary J. Morgan, and Aimee R. Eden

ORIGINAL RESEARCH

- Characteristics of Office-Based Buprenorphine Prescribers for Medicare
Patients **9**
*Robit Abraham, Elizabeth Wilkinson, Yalda Jabbarpour, Stephen Petterson,
and Andrew Bazemore*

- A New Quality Improvement Toolkit to Improve Opioid Prescribing in
Primary Care **17**
*Constance van Eeghen, Amanda G. Kennedy, Mark E. Pasanen, and
Charles D. MacLean*

- Prescribing Patterns and Use of Risk-Reduction Tools After Implementing
an Opioid-Prescribing Protocol **27**
*Matthew A. Breeden, Christine K. Jacobs, Matthew Witthaus, Joanne Salas,
Kelly M. Everard, Eric Penton, and Jeffrey F. Scherrer*

- Satisfaction with Health Care Among Prescription Opioid Recipients **34**
Anthony Jerant, Alicia Agnoli, and Peter Franks

- Factors That Influence Changes to Existing Chronic Pain Management Plans **42**
*Julie DiIulio, Laura G. Militello, Barbara T. Andraka-Christou,
Robert L. Cook, Robert W. Hurley, Sarah M. Downs, Shilo Anders,
Burke W. Mamlin, Elizabeth C. Danielson, and Christopher A. Harle*



CONTENTS

Continued

- When Physicians Say No: Predictors of Request Denial and Subsequent Patient Satisfaction **51**

Elizabeth M. Magnan, Peter Franks, Anthony Jerant, Richard L. Kravitz, and Joshua J. Fenton

- Knowledge, Attitudes, and Practice Patterns of Health Professionals Toward Medical and Non-medical Stimulant Use by Young Adults **59**

Natalia Y. Loskutova, Jason Waterman, Elisabeth Callen, Elizabeth W. Staton, Emily Bullard, and Joel Shields

- Physicians' Response to Patients' Quality-of-Life Goals **71**

Becky A. Purkale, Zsolt J. Nagykalai, Arrash Allahyar, Robert Todd, and James W. Mold

- National Survey of Decision-Making for Antidepressants and Educational Level **80**

Suzanne Brodney, Floyd J. Fowler Jr, Vickie Stringfellow, K. D. Valentine, and Michael J. Barry

- Sickle-Cell Disease Co-Management, Health Care Utilization, and Hydroxyurea Use **91**

Nancy Crego, Christian Douglas, Emily Bonnabeau, Marian Earls, Kern Eason, Elizabeth Merwin, Gary Rains, Paula Tanabe, and Nirmish Shah

- Primary Care Physicians' Perspectives on the Ethical Impact of the Electronic Medical Record **106**

Tania Moerenhout, Gary S. Fischer, Marlies Saelaert, An De Sutter, Veerle Provoost, and Ignaas Devisch

BRIEF REPORTS

- Practice Predictors of Buprenorphine Prescribing by Family Physicians **118**

Lars E. Peterson, Zachary J. Morgan, and Tyrone F. Borders

- A Financial Model for Team-Based Opioid Use Disorder Treatment **124**

Mackenzie Farrar, Zach White, Stephen Hulkower, E. Blake Fagan, and Courtenay Gilmore Wilson

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CONTENTS

Continued

SPECIAL COMMUNICATION

- A Change Management Case Study for Safe Opioid Prescribing and Opioid Use Disorder Treatment **129**
Randi Sokol, Zev Schuman-Olivier, Maren Batalden, Laura Sullivan, and Allen F. Shaughnessy

RESEARCH LETTERS

- Opioid Prescriptions for New Low Back Pain: Trends and Variability by State **138**
Micheal Raad, Jina Pakpoor, Andrew B. Harris, Varun Puvanesarajah, Majd Marrache, Joseph K. Canner, and Amit Jain
- Anti-Hypertensive Medication Combinations in the United States **143**
Michael E. Jobansen, Jonathan Yun, James M. Griggs, Elizabeth Anne Jackson, and Caroline R. Richardson

ETHICS FEATURE

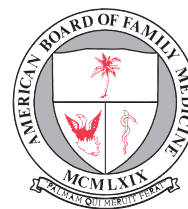
- An Ethical Framework to Manage Patient Requests for Medical Marijuana **147**
Michael Redinger, Nicole Fledderman, and Parker Crutchfield

CORRESPONDENCE

- Re: Identifying Problematic Substance Use in a National Sample of Adolescents Using Frequency Questions **152**
Jeffrey Zeleznik
- Re: Sugar-Sweetened Beverage Intake in a Rural Family Medicine Clinic **152**
Westley Mullins
- Re: A Successful Walk-In Psychiatric Model for Integrated Care **153**
Ryan K. Brinn
- Response: Re: A Successful Walk-In Psychiatric Model for Integrated Care **153**
David S. Kroll

JABFM

JOURNAL OF THE AMERICAN BOARD OF FAMILY MEDICINE



VOLUME 33, NUMBER 1

JANUARY–FEBRUARY 2020

CONTENTS

Continued

That Clock is Really Big **154**
Suzanne Minor

Re: New Allopathic Medical Schools Train Fewer Family Physicians than
Older Ones **154**
Daniel M. Avery Jr and Richard H. Streiffer

BOARD NEWS

Shaping Keystones in a Time of Transformation: ABFM's Efforts to
Advance Leadership & Scholarship in Family Medicine **156**
Andrew W. Bazemore, Jane Ireland, Robert Cattoi, and Warren P. Newton

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Home > **January 2020 - Volume 58 - Issue 1**

< [Previous Issue](#) | [Next Issue](#) >

January 2020 - Volume 58 - Issue 1

[Table of Contents Outline](#)

[Subscribe to eTOC](#)

[View Contributor Index](#)

[Special Commentary](#)

The Smoking Gun: Can We Do for Gun Control What We Are Doing to Control the Vaping and E-Cigarettes Epidemic?

Goldberg, Robert J.; Lapane, Kate; Lemon, Stephenie; [More](#)

Medical Care. 58(1):1-3, January 2020.

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☐ Original Article

Response to Propoxyphene Market Withdrawal: Analgesic Substitutes, Doses, and Adverse Events

Jeffery, Molly M.; Morden, Nancy E.; Larochelle, Marc; [More](#)

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☐ [Abstract](#) ☐ [Favorites](#) ☐ [PDF](#) ☐ [Get Content & Permissions](#)

SDC

[Table of Contents Outline](#) | [Back to Top](#)

☐ Brief Report

Patient Characteristics Affect Discharge Status for Opioid-related Infective Endocarditis

Schuller, Kristin A.; Franz, Berkeley; Cronin, Cory E.

Medical Care. 58(1):13-17, January 2020.

☐ [Abstract](#) ☐ [Favorites](#) ☐ [PDF](#) ☐ [Get Content & Permissions](#)

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Administrative Churn in SNAP and Health Care Utilization Patterns

Heflin, Colleen; Hodges, Leslie; Ojinnaka, Chinedum

Medical Care. 58(1):33-37, January 2020.

☐ [Abstract](#) ☐ [Favorites](#) ☐ [PDF](#) ☐ [Get Content & Permissions](#)

[Table of Contents Outline](#) | [Back to Top](#)

☐ Original Articles

Evidence of the Linkage Between Hospital-based Care Coordination Strategies and Hospital Overall (Star) Ratings

Benjenk, Ivy; Franzini, Luisa; Chen, Jie

Medical Care. 58(1):18-26, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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Thirty-Day Hospital Readmission Among Homeless Individuals With Medicaid in Massachusetts

Racine, Melanie W.; Munson, David; Gaeta, Jessie M.; [More](#)

Medical Care. 58(1):27-32, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Adverse Events Among Hospitalized Critically Ill Patients: A Retrospective Cohort Study

Sauro, Khara M.; Soo, Andrea; Quan, Hude; [More](#)

Medical Care. 58(1):38-44, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

Association of Primary Language and Hospitalization for Ambulatory Care Sensitive Conditions

Anderson, Timothy S.; Karliner, Leah S.; Lin, Grace A.

Medical Care. 58(1):45-51, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Validating the New Primary Care Measure in the Medical Expenditure Panel Survey

Olaisen, R. Henry; Flocke, Susan A.; Smyth, Kathleen A.; [More](#)

Medical Care. 58(1):52-58, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

Report of Health Behavior Modification Among Latinos Diagnosed With Multiple Cardiovascular Risk Factors

Gonzalez, Tailisha M.; Katic, Bozena J.; Torres-Págán, Leonell; [More](#)

Medical Care. 58(1):59-64, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Translating Data From an Electronic Prescribing and Medicines Administration System Into Knowledge: Application to Doctor-Nurse Time Discrepancy in Antibiotic Ordering and Administration

Van Wilder, Astrid; Spriet, Isabel; Van Eldere, Johan; [More](#)

Medical Care. 58(1):83-89, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

The Impact of a National Health Information Exchange Program Under a Single-payer System

Lin, Jin-Hung; Cheng, Shou-Hsia

Medical Care. 58(1):90-97, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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[Table of Contents Outline](#) | [Back to Top](#)

Brief Reports

The Weekend Effect in Older Adult Urosepsis Admissions

Peach, Brian C.; Li, Yin; Cimiotti, Jeannie P.

Medical Care. 58(1):65-69, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Hospital Response to CMS Public Reports of Hospital Charge Information

Carey, Kathleen; Dor, Avi

Medical Care. 58(1):70-73, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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Hospitalizations Involving an Intensive Care Unit Admission Among Patients Aged 65 Years and Older Within New York City Hospitals During 2000–2014

Illescas, Alex H.; Kache, Pallavi A.; Whittemore, Katherine; [More](#)

Medical Care. 58(1):74-82, January 2020.

[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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[Table of Contents Outline](#) | [Back to Top](#)

Online Article

Applied Methods

Validity of Race and Ethnicity Codes in Medicare Administrative Data Compared With Gold-standard Self-reported Race Collected During Routine Home Health Care Visits

Jarrín, Olga F.; Nyandege, Abner N.; Grafova, Irina B.; [More](#)

Medical Care. 58(1):e1-e8, January 2020.

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[Table of Contents Outline](#) | [Back to Top](#)

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January 2, 2020

VOL. 382 NO. 1

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Current Issue

Browse all past issues

PERSPECTIVE

Double Environmental Injustice — Climate Change, Hurricane Dorian, and the Bahamas

J.M. Shultz, D.E. Sands, J.P. Kossin, and S. Galea

1-3

Toward Healthy Drug Policy in the United States — The Case of Safehouse

S. Burris, E.D. Anderson, C.S. Davis, and L. Beletsky

4-5

The Performance Art of Student Doctoring

J. Wackerbarth

6-7

ORIGINAL ARTICLES

A Comparison of Two LDL Cholesterol Targets after Ischemic Stroke

P. Amarenco and Others

9-19

Alcohol Abstinence in Drinkers with Atrial Fibrillation

A. Voskoboinik and Others

20-28

Multiyear Follow-up of AAV5-hFVIII-SQ Gene Therapy for Hemophilia A

K.J. Pasi and Others

29-40

Overall Survival with Osimertinib in Untreated, *EGFR*-Mutated Advanced NSCLC

S.S. Ramalingam and Others

41-50

SPECIAL ARTICLE

Changes in Quality of Care after Hospital Mergers and Acquisitions

N.D. Beaulieu and Others

51-59

REVIEW ARTICLE

Head and Neck Cancer

L.Q.M. Chow

60-72

IMAGES IN CLINICAL MEDICINE

Fallopian Tube Torsion

L.M. Lim and H.Z. Lin

73

Crepitus and Subcutaneous Emphysema

Y. Saleh and A. Alratroot

e1

CLINICAL PROBLEM-SOLVING

When the Cause Is Not Crystal Clear

J. Forryan, V. Mishra, and E. Gibbons

74-78

EDITORIALS

NEJM Catalyst Innovations in Care Delivery — A New Journal Leading the Transformation of Health Care Delivery

T.H. Lee and Others

80-81

Statins and Stroke — It's Complicated

L.R. Wechsler

81-82

A Sober Reality? Alcohol, Abstinence, and Atrial Fibrillation

A.M. Gillis

83-84

CLINICAL IMPLICATIONS OF BASIC RESEARCH

A CRISPR Path to Cutting-Edge Materials

M. Chen and D. Luo

85-88

CORRESPONDENCE

Venous Thrombosis during Spaceflight

89-90

Ustekinumab as Induction and Maintenance Therapy for Ulcerative Colitis

91

Vedolizumab versus Adalimumab for Moderate-to-Severe Ulcerative Colitis

92-94

Polypill for Cardiovascular Disease Prevention in an Underserved Population

94-95

Epidemiologic Signatures in Cancer

95-98

Reporting Adverse Events for Cannabis to the FDA

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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

January 9, 2020

VOL. 382 NO. 2

... ▼

Current Issue
Browse all past issues

PERSPECTIVE

Costs, Benefits, and Sacred Values — Why Health Care Reform Is So Fraught

L. Rosenbaum

101-104

The False Promise of Natural Gas

P.J. Landrigan, H. Frumkin, and B.E. Lundberg

104-107

The Patient-Scientist's Mandate

S.M. Vallabh

107-109

ORIGINAL ARTICLES

Early Surgery or Conservative Care for Asymptomatic Aortic Stenosis

D.-H. Kang and Others

111-119

A Controlled Trial of Rivaroxaban after Transcatheter Aortic-Valve Replacement

G.D. Dangas and Others

120-129

Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement

O. De Backer and Others

130-139

Luspatercept in Patients with Lower-Risk Myelodysplastic Syndromes

P. Fenaux and Others

140-151

SPECIAL ARTICLE

Health Care Hotspotting — A Randomized, Controlled Trial

A. Finkelstein, A. Zhou, S. Taubman, and J. Doyle

152-162

REVIEW ARTICLE

Baroreflex Dysfunction

H. Kaufmann, L. Norcliffe-Kaufmann, and J.-A. Palma

163-178

IMAGES IN CLINICAL MEDICINE

Axillary Artery Occlusion after TAVR

A. Kille and W. Hochholzer

179

Cutaneous Leishmaniasis

A.P. Knapp and J.D. Alpern

e2

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 1-2020: An 11-Year-Old Boy with Vomiting and Weight Loss

A. Fasano, M.M. Leonard, D.M. Mitchell, and G. Eng

180-189

EDITORIALS

Timing of Intervention in Aortic Stenosis

P. Lancellotti and M.A. Vannan

191-193

Treatment after TAVR — Discordance and Clinical Implications

R.A. Nishimura and D.R. Holmes, Jr.

193-194

CORRESPONDENCE

Detection of Donor's HIV Strain in HIV-Positive Kidney-Transplant Recipient

195-197

Inhaled GM-CSF for Pulmonary Alveolar Proteinosis

197-198

Zika Virus Infection — After the Pandemic

e3

Progress in the Treatment of Breast Cancer

e4



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NEXT ISSUE ▶

January 16, 2020

VOL. 382 NO. 3

... ▼

[Current Issue](#)

[Browse all past issues](#)

PERSPECTIVE

Case Studies in Social Medicine: Dialogic Praxis — A 16-Year-Old Boy with Anxiety in Southern Brazil

D.P. Béhague, R.G. Frankfurter, H. Hansen, and C.G. Victora

201-204

History of Medicine: Sounding the Alarm on Climate Change, 1989 and 2019

J.H. Dunk and D.S. Jones

205-207

Treating Addiction as a Terminal Disease

A.E. Caruso Brown

207-209

ORIGINAL ARTICLES

Trial of Anifrolumab in Active Systemic Lupus Erythematosus

E.F. Morand and Others

211-221

A Phase 3 Trial of Difelikefalin in Hemodialysis Patients with Pruritus

S. Fishbane, A. Jamal, C. Munera, W. Wen, and F. Menzaghi

222-232

A Randomized Trial of Erythropoietin for Neuroprotection in Preterm Infants

S.E. Juul and Others

233-243

Lipoprotein(a) Reduction in Persons with Cardiovascular Disease

S. Tsimikas and Others

244-255

Brief Report: JAK Inhibitor Therapy in a Child with Inherited USP18 Deficiency

F. Alsohime and Others

256-265

REVIEW ARTICLE

Suicide

S. Fazel and B. Runeson

266-274

IMAGES IN CLINICAL MEDICINE

Crazy Paving in Pulmonary Alveolar Proteinosis

B.W. Allwood and S. Bennji

275

Skin Discoloration from Amiodarone

R.P. Murphy and M. Canavan

e5

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 2-2020: A 64-Year-Old Man with Fever and

Respiratory Failure

M.M. Azar, V.V. Muse, J.A. Villalba, and S.E. Turbett

276-285

EDITORIALS

A Successful Trial for Lupus — How Good Is Good Enough?

J.E. Salmon and T.B. Niewold

287-288

Difelikefalin for the Treatment of Uremic Pruritus

D.J.R. Steele

289-290

CLINICAL IMPLICATIONS OF BASIC RESEARCH

Cytokinesis, Beta-Blockers, and Congenital Heart Disease

K.E. Yutzey

291-293

CORRESPONDENCE

Extracorporeal Photopheresis for Colitis Induced by Checkpoint-Inhibitor Therapy

294-296

Medical versus Surgical Treatment for Refractory Heartburn

296-298

CORRECTION

Effects of Intermittent Fasting on Health, Aging, and Disease

298

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NEXT ISSUE ▶

January 23, 2020

VOL. 382 NO. 4

... ▼

Current Issue
Browse all past issues

PERSPECTIVE

Advancing Safety and Equity Together

K. Sivashanker and T.K. Gandhi

301-303

Payment for Services Rendered — Updating Medicare’s Valuation of Procedures

A.W. Mulcahy, K. Merrell, and A. Mehrotra

303-306

Healing as a Servant Instead of a Prophet

M. Lee, Jr.,

306-307

ORIGINAL ARTICLES

Vaccination of Infants with Meningococcal Group B Vaccine (4CMenB) in England

S.N. Ladhani and Others

309-317

Meningococcal B Vaccine and Meningococcal Carriage in Adolescents in Australia

H.S. Marshall and Others

318-327

Elagolix for Heavy Menstrual Bleeding in Women with Uterine Fibroids

W.D. Schlaff and Others

328-340

Teprotumumab for the Treatment of Active Thyroid Eye Disease

R.S. Douglas and Others

341-352

REVIEW ARTICLE

Treating Hypertension in Chronic Obstructive Pulmonary Disease

S.W. Finks, M.J. Rumbak, and T.H. Self

353-363

IMAGES IN CLINICAL MEDICINE

Intrahepatic Biliary Ductal Dilatation

U.G. Rossi and M. Cariatì

364

Fluorouracil-Induced Hyperpigmentation

J.K. Schaefer and N. Ramnath

e6

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 3-2020: A 44-Year-Old Man with Weight Loss, Diarrhea, and Abdominal Pain

R.C. Lowe, J.N. Chu, T.T. Pierce, A.A. Weil, and J.A. Branda

365-374

EDITORIAL

Good News and Bad News — 4CMenB Vaccine for Group B *Neisseria meningitidis*

L.H. Harrison and D.S. Stephens

376-378

CLINICAL DECISIONS

Choosing a Mass Immunization Program against Meningococcal B

K. Wu, E.K. Mulholland, and K.M. Edwards

379-382

CORRESPONDENCE

Heat-Induced Brain Vitrification from the Vesuvius Eruption in C.E. 79

383-384

Pulmonary Illness Related to E-Cigarette Use

384-386

More on the Pathology of Vaping-Associated Lung Injury

387-390

Step-Up Therapy in Black Patients with Asthma

390-392

Hereditary Thrombotic Thrombocytopenic Purpura

392-394

Framework for “N-of-1” Experimental Therapies

e7

The Cost of Applying to Medical School

e8



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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

January 30, 2020

VOL. 382 NO. 5

...



Current Issue

Browse all past issues

PERSPECTIVE

The Neglected Hospital — The District Hospital’s Central Role in Global Health Care Delivery

R. Rajbhandari, D.E. McMahon, J.J. Rhatigan, and P.E. Farmer

397-400

Is Obamacare Really Unconstitutional?

N. Bagley

400-401

Fun

C.A. Colaianni

402-403

ORIGINAL ARTICLES

Conservative versus Interventional Treatment for Spontaneous Pneumothorax

S.G.A. Brown and Others

405-415

Soluble Urokinase Receptor and Acute Kidney Injury

S.S. Hayek and Others

416-426

Family History of Gastric Cancer and *Helicobacter pylori* Treatment

I.J. Choi and Others

427-436

Fatal Cytomegalovirus Infection in an Adult with Inherited NOS2 Deficiency

S.B. Drutman and Others

437-445

CLINICAL PRACTICE

Hormone Therapy for Postmenopausal Women

J.V. Pinkerton

446-455

IMAGES IN CLINICAL MEDICINE

Harlequin Color Change in a Neonate

G. van den Berg and H. Bakker

456

Gastrointestinal Bleeding from Metastatic Melanoma

A.H.W. Lim and J. Argyrides

e7

INTERACTIVE MEDICAL CASE

A Rapid Change in Pressure

K. D’Silva, A. Vaidya, J.W. Smithy, W.J. Anderson, and B. Cockrill

e8

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 4-2020: A 52-Year-Old Woman with Seizure Disorder and Wide-Complex Tachycardia

D.B. Kramer, N. Mihatov, K.A. Buch, S.F. Zafar, and J.N. Ruskin

457-467

EDITORIALS

Clearing the Air — A Conservative Option for Spontaneous Pneumothorax

V.C. Broaddus

469-470

Risk Prediction for Acute Kidney Injury — Super Important, Now suPAR Easy?

F. Tacke

470-472

HEALTH POLICY REPORT

Understanding the Rewards of Successful Drug Development — Thinking Inside the Box

D. Khullar, J.A. Ohn, M. Trusheim, and P.B. Bach

473-480

CLINICAL IMPLICATIONS OF BASIC RESEARCH

Prime Time for Genome Editing?

F.D. Urnov

481-484

CORRESPONDENCE

Longer-Term Outcomes of the ProACT Trial

485-486

Ticagrelor or Prasugrel in Acute Coronary Syndromes

486-487

Statins for Familial Hypercholesterolemia from Childhood

487-489

Identification from MRI with Face-Recognition Software

489-490

Retraction: Retinal Hemorrhage from Blunt Ocular Trauma. N Engl J Med 2019;381:2252.

490

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Articles & Issues

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Home > January 2020 - Volume 135 - Issue 1

< Previous Issue | Next Issue >



January 2020 - Volume 135 - Issue 1

[Table of Contents Outline](#)

[Subscribe to eTOC](#)

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☐ Contents

Editorial

We Don't Practice in a Vacuum

Chescheir, Nancy C.

Obstetrics & Gynecology. 135(1):1-3, January 2020.

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Keeping up With Evidence in Cochrane Reviews

Haas, David M.

Obstetrics & Gynecology. 135(1):4-5, January 2020.

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Safeguarding Against Sexual Misconduct

Shalowitz, David I.; Anderson, Ted L.

Obstetrics & Gynecology. 135(1):6-8, January 2020.

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Considering Changes in the Recommended Human Chorionic Gonadotropin Monitoring After Molar Evacuation

Horowitz, Neil S.; Berkowitz, Ross S.; Elias, Kevin M.

Obstetrics & Gynecology. 135(1):9-11, January 2020.

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Prolongation of Pregnancy Complications and the Risk of Future Cardiovascular Disease

Smith, Graeme N.

Obstetrics & Gynecology. 135(1):24-25, January 2020.

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Systematic Review

Gestational Trophoblastic Neoplasia After Human Chorionic Gonadotropin Normalization Following Molar Pregnancy: A Systematic Review and Meta-analysis

Albright, Benjamin B.; Shorter, Jade M.; Mastroyannis, Spyridon A.; [More](#)

Obstetrics & Gynecology. 135(1):12-23, January 2020.

[Abstract](#) [In Brief](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

[SDC](#)

Original Research

Expectant Management of Hypertensive Disorders of Pregnancy and Future Cardiovascular Morbidity

Rosenbloom, Joshua I.; Lewkowitz, Adam K.; Lindley, Kathryn J.; [More](#)

Obstetrics & Gynecology. 135(1):27-35, January 2020.

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SDC

Clindamycin, Gentamicin, and Risk of *Clostridium difficile* Infection and Acute Kidney Injury During Delivery Hospitalizations

Duffy, Cassandra R.; Huang, Yongmei; Andrikopoulou, Maria; [More](#)

Obstetrics & Gynecology. 135(1):59-67, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

SDC

Postpartum Readmissions Among Women With Diabetes

Mourad, Mirella; Wen, Timothy; Friedman, Alexander M.; [More](#)

Obstetrics & Gynecology. 135(1):80-89, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

SDC

Association Between Prenatal Smoking and Gestational Diabetes Mellitus

Bar-Zeev, Yael; Haile, Zelalem T.; Chertok, Ilana Azulay

Obstetrics & Gynecology. 135(1):91-99, January 2020.

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SDC

Timing of Office-Based Pessary Care: A Randomized Controlled Trial

Propst, Katie; Mellen, Colleen; O'Sullivan, David M.; [More](#)

Obstetrics & Gynecology. 135(1):100-105, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions



Interpersonal Trauma as a Marker of Risk for Urinary Tract Dysfunction in Midlife and Older Women

Boyd, Brittni A. J.; Gibson, Carolyn J.; Van Den Eeden, Stephen K.; [More](#)

Obstetrics & Gynecology. 135(1):106-112, January 2020.

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SDC

Patient-Centered Outcomes After Modified Vestibulectomy

Das, Deepanjana; Davidson, Emily R. W.; Walters, Mark; [More](#)

Obstetrics & Gynecology. 135(1):113-121, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

SDC

Persistent Opioid Use After Hysterectomy in the United States, 2005–2015

Young, Jessica C.; Wu, Jennifer M.; Willis-Gray, Marcella; [More](#)

Obstetrics & Gynecology. 135(1):123-132, January 2020.

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SDC  Podcast

Risk of Stillbirth for Fetuses With Specific Birth Defects

Heinke, Dominique; Nestoridi, Eirini; Hernandez-Diaz, Sonia; [More](#)

Obstetrics & Gynecology. 135(1):133-140, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

SDC  Podcast

Information Women Choose to Receive About Prenatal Chromosomal Microarray Analysis

Hochner, Hagit; Daum, Hagit; Douiev, Liza; [More](#)

Obstetrics & Gynecology. 135(1):149-157, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

Mifepristone Antagonization With Progesterone to Prevent Medical Abortion: A Randomized Controlled Trial

Creinin, Mitchell D.; Hou, Melody Y.; Dalton, Laura; [More](#)

Obstetrics & Gynecology. 135(1):158-165, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

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Instagram Users' Experiences of Miscarriage

Mercier, Rebecca J.; Senter, Katherine; Webster, Rachel; [More](#)

Obstetrics & Gynecology. 135(1):166-173, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

Refining Angular Pregnancy Diagnosis in the First Trimester: A Case Series of Expectant Management

Bollig, Kassie J.; Schust, Danny J.

Obstetrics & Gynecology. 135(1):175-184, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions

Maternal and Neonatal Morbidity After 4 and 6 Hours of Protracted Active Labor in Nulliparous Term Pregnancies

Govindappagari, Shravya; Greene, Naomi; Burwick, Richard; [More](#)

Obstetrics & Gynecology. 135(1):185-193, January 2020.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions



[Table of Contents Outline](#) | [Back to Top](#)

	1	2	3
--	---	---	---

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☐ Future Table of Contents ☐

☒ March 2020 - Volume 135 - Issue 3

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Table of Contents January 01, 2020; Volume 145, Issue 1

Articles

National Instant Criminal Background Check and Youth Gun Carrying

Lava R. Timsina, Nan Qiao, Alejandro C. Mongalo, Ashley N. Vctor, Aaron E. Carroll, Teresa M. Bell
Pediatrics, Jan 2020, 145 (1) e20191071

PDF

Distinct Populations of Sudden Unexpected Infant Death Based on Age

Juan M. Lavista Ferres, Tatiana M. Anderson, Richard Johnston, Jan-Marino Ramirez, Edwin A. Mitchell

Pediatrics, Jan 2020, 145 (1) e20191637

PDF

Interferon-γ Release Assays in Children <15 Years of Age

Amina Ahmed, Pei-Jean I. Feng, James T. Gaensbauer, Randall R. Reves, Renuka Khurana, Katya Salcedo, Rose Punnoose, Dolly J. Katz, for the TUBERCULOSIS EPIDEMIOLOGIC STUDIES CONSORTIUM

Pediatrics, Jan 2020, 145 (1) e20191930

PDF

Non-β-Lactam Antibiotic Hypersensitivity



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In this issue

Pediatrics

Vol. 145, Issue 1
1 Jan 2020

Table of Contents

Index by author



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Reactions

Lisa Grinlinton, Sharon Choo, Noel Cranswick, Amanda Gwee
Pediatrics, Jan 2020, 145 (1) e20192256

[PDF](#)

Car Seat Tolerance Screening for Late-Preterm Infants

Aimee Magnarelli, Nina Shah Solanki, Natalie L. Davis
Pediatrics, Jan 2020, 145 (1) e20191703

[PDF](#)

Diagnostic Performance of C6 Enzyme Immunoassay for Lyme Arthritis

Lise E. Nigrovic, Jonathan E. Bennett, Fran Balamuth, Michael N. Levas, Desiree Neville, Todd W. Lyons, John A. Branda, Alexandra B. Maulden, David Lewander, Aris Garro, PEDI LYME NET
Pediatrics, Jan 2020, 145 (1) e20190593

[PDF](#)

Burnout in Pediatric Residents: Three Years of National Survey Data

Kathi J. Kemper, Alan Schwartz, Paria M. Wilson, John D. Mahan, Charles J. Schubert, Betty B. Staples, Hilary McClafferty, Janet R. Serwint, Maneesh Batra, PEDIATRIC RESIDENT BURNOUT-RESILIENCE STUDY CONSORTIUM
Pediatrics, Jan 2020, 145 (1) e20191030

[PDF](#)

Behavioral Intervention and Disposal of Leftover Opioids: A Randomized Trial

Terri Voepel-Lewis, Frances A. Farley, John Grant, Alan R. Tait, Carol J. Boyd, Sean Esteban McCabe, Monica Weber, Calista M. Harbagh, Brian J. Zikmund-Fisher
Pediatrics, Jan 2020, 145 (1) e20191431

[PDF](#)

Global Health Experience and Interest: Results From the AAP Periodic Survey

Kevin Chan, Blake Sisk, Katherine Yun, Nicole E. St Clair
Pediatrics, Jan 2020, 145 (1) e20191655

[PDF](#)

Trends in Capability of Hospitals to Provide Definitive Acute Care for Children: 2008 to 2016

Kenneth A. Michelson, Joel D. Hudgins, Todd W. Lyons, Michael C. Monuteaux, Richard G. Bachur, Jonathan A. Finkelstein
Pediatrics, Jan 2020, 145 (1) e20192203

[PDF](#)

Trends in Trampoline Fractures: 2008–2017

Nancy Hadley-Miller, Patrick M. Carry, Christopher J. Brazell, Kaley S. Holmes, Gaia Georgopoulos
Pediatrics, Jan 2020, 145 (1) e20190889

[PDF](#)

A Texting Intervention in Latino Families to Reduce ED Use: A Randomized Trial

Lisa Ross DeCamp, Sashini K. Godage, Doris Valenzuela Araujo, José Dominguez Cortez, Linxuan Wu, Kevin J. Psoter, Kassandra Quintanilla, Tatiahna Rivera Rodríguez, Sarah Polk
Pediatrics, Jan 2020, 145 (1) e20191405

[PDF](#)

Jump to

- [Articles](#)
- [Commentaries](#)
- [From the American Academy of Pediatrics](#)
- [Pediatrics Perspectives](#)
- [Family Partnerships](#)
- [Monthly Feature](#)
- [Review Articles](#)
- [State-of-the-Art Review](#)
- [Special Articles](#)
- [Ethics Rounds](#)
- [Quality Reports](#)
- [Diagnostic Dilemmas](#)
- [Case Reports](#)
- [Special Articles](#)
- [Errata](#)

Top Topics

Most Cited

Most Read

❑ **Cardiopulmonary Bypass and Infant Vaccination Titers**

Jeffrey Vergales, Peter Dean, Jacob Raphael, Deborah Frank, Adishesh Narahari, Tyson Hekking, Carol Ann Rosenberg, Mark Roeser, James Gangemi
Pediatrics, Jan 2020, 145 (1) e20191716

❑ [PDF](#)

Commentaries

❑ **Evidence to Assess Potential Policy-Oriented Solutions for Reducing Adolescent Firearm Carriage**

Patrick M. Carter, April M. Zeoli, Monika K. Goyal
Pediatrics, Jan 2020, 145 (1) e20192334

❑ [PDF](#)

❑ **Sudden Unexplained Infant Deaths and Day of Life 0**

Richard D. Goldstein
Pediatrics, Jan 2020, 145 (1) e20193212

❑ [PDF](#)

❑ **Tuberculin Skin Test Versus the Interferon-γ Release Assays: Out With the Old, In With the New**

Jeffrey R. Starke
Pediatrics, Jan 2020, 145 (1) e20193021

❑ [PDF](#)

❑ **Car Seat Tolerance Screening for Late Preterm Infants**

Marilyn J. Bull
Pediatrics, Jan 2020, 145 (1) e20193369

❑ [PDF](#)

❑ **Lyme Arthritis and Clinical Judgment**

Carlos R. Oliveira, Eugene D. Shapiro
Pediatrics, Jan 2020, 145 (1) e20191998

❑ [PDF](#)

❑ **Decreasing Resident Physician Burnout Requires a Multifaceted Approach**

Jeanine C. Ronan
Pediatrics, Jan 2020, 145 (1) e20193210

❑ [PDF](#)

❑ **Training Globally Minded Pediatricians to Improve Child Health**

Suzinne Pak-Gorstein
Pediatrics, Jan 2020, 145 (1) e20193163

❑ [PDF](#)

❑ **Emergency and Definitive Care for Children in the United States: The Perfect Storm**

- Marianne Gausche-Hill
Pediatrics, Jan 2020, 145 (1) e20193372
[PDF](#)
- Asthma and Invasive Pneumococcal Disease in the Age of Pneumococcal Conjugate Vaccines**
Tina Q. Tan
Pediatrics, Jan 2020, 145 (1) e20193360
[PDF](#)
- Can Smartphones Make Smart Kids?**
Michael Rich
Pediatrics, Jan 2020, 145 (1) e20193503
[PDF](#)
- Evaluating Integrated Care for Children: A Clarion Call or a Call for Clarity?**
Eyal Cohen, Ryan J. Collier
Pediatrics, Jan 2020, 145 (1) e20193282
[PDF](#)
- PrEP: An Opportunity to Address Unmet Adolescent Health Needs**
Carey Pike, Linda-Gail Bekker
Pediatrics, Jan 2020, 145 (1) e20193172
[PDF](#)
- Seeing the Wellness in Our Patients and Ourselves Through the 2020 Lens of *Pediatrics***
Lewis R. First, Alex R. Kemper
Pediatrics, Jan 2020, 145 (1) e20193323
[PDF](#)

From the American Academy of Pediatrics

- Executive Summary: Identification, Evaluation, and Management of Children With Autism Spectrum Disorder**
Susan L. Hyman, Susan E. Levy, Scott M. Myers, COUNCIL ON CHILDREN WITH DISABILITIES, SECTION ON DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS
Pediatrics, Jan 2020, 145 (1) e20193448
[PDF](#)
- Principles of Financing the Medical Home for Children**
Jonathan Price, Mary L. Brandt, Mark L. Hudak, COMMITTEE ON CHILD HEALTH FINANCING
Pediatrics, Jan 2020, 145 (1) e20193451
[PDF](#)
- Drugs Used to Treat Pediatric Emergencies**
Rohit P. Shenoi, Nathan Timm, COMMITTEE ON DRUGS, COMMITTEE ON PEDIATRIC EMERGENCY MEDICINE
Pediatrics, Jan 2020, 145 (1) e20193450
[PDF](#)

❏ **Pediatric Readiness in Emergency Medical Services Systems**

Brian Moore, Manish I. Shah, Sylvia Owusu-Ansah, Toni Gross, Kathleen Brown, Marianne Gausche-Hill, Katherine Remick, Kathleen Adelgais, John Lyng, Lara Rappaport, Sally Snow, Cynthia Wright-Johnson, Julie C. Leonard, and the AMERICAN ACADEMY OF PEDIATRICS COMMITTEE ON PEDIATRIC EMERGENCY MEDICINE AND SECTION ON EMERGENCY MEDICINE EMS SUBCOMMITTEE, AMERICAN COLLEGE OF EMERGENCY PHYSICIANS EMERGENCY MEDICAL SERVICES COMMITTEE, EMERGENCY NURSES ASSOCIATION PEDIATRIC COMMITTEE, NATIONAL ASSOCIATION OF EMERGENCY MEDICAL SERVICES PHYSICIANS STANDARDS AND CLINICAL PRACTICE COMMITTEE, NATIONAL ASSOCIATION OF EMERGENCY MEDICAL TECHNICIANS EMERGENCY PEDIATRIC CARE COMMITTEE

Pediatrics, Jan 2020, 145 (1) e20193307

❏ [PDF](#)

❏ **Promoting Optimal Development: Identifying Infants and Young Children With Developmental Disorders Through Developmental Surveillance and Screening**

Paul H. Lipkin, Michelle M. Macias, COUNCIL ON CHILDREN WITH DISABILITIES, SECTION ON DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS

Pediatrics, Jan 2020, 145 (1) e20193449

❏ [PDF](#)

❏ **Identification, Evaluation, and Management of Children With Autism Spectrum Disorder**

Susan L. Hyman, Susan E. Levy, Scott M. Myers, COUNCIL ON CHILDREN WITH DISABILITIES, SECTION ON DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS

Pediatrics, Jan 2020, 145 (1) e20193447

❏ [PDF](#)

❏ **Pediatric Readiness in Emergency Medical Services Systems**

Sylvia Owusu-Ansah, Brian Moore, Manish I. Shah, Toni Gross, Kathleen Brown, Marianne Gausche-Hill, Katherine Remick, Kathleen Adelgais, Lara Rappaport, Sally Snow, Cynthia Wright-Johnson, Julie C. Leonard, John Lyng, Mary Fallat, COMMITTEE ON PEDIATRIC EMERGENCY MEDICINE, SECTION ON EMERGENCY MEDICINE, EMS SUBCOMMITTEE, SECTION ON SURGERY

Pediatrics, Jan 2020, 145 (1) e20193308

❏ [PDF](#)

❏ **AAP Publications Reaffirmed or Retired**

Pediatrics, Jan 2020, 145 (1) e20193452

❏ [PDF](#)

Pediatrics Perspectives

❏ **Medication Confiscation: How Migrant Children Are Placed in Medically Vulnerable Conditions**

Noy R. Halevy-Mizrahi, Ilana Harwayne-Gidansky

Pediatrics, Jan 2020, 145 (1) e20192524

❏ [PDF](#)

❏ **A Call to Action: Screening Fathers for Perinatal Depression**

Tova B. Walsh, R. Neal Davis, Craig Garfield

Pediatrics, Jan 2020, 145 (1) e20191193

❏ [PDF](#)

❏ **Employing an Adaptive Leadership Framework to Childhood Adversity Screening**

Susannah Stein, Arin Swerlick, Binny Chokshi

Pediatrics, Jan 2020, 145 (1) e20183820

[PDF](#)

Family Partnerships

[Contextualizing Future Health: A Parent and Resident Discuss Down Syndrome](#)

Katharine Press Callahan, Rachel Adams

Pediatrics, Jan 2020, 145 (1) e20191403

[PDF](#)

Monthly Feature

[The Waiting Room: A Space for Self-Expression in the Pediatric Primary Care Setting](#)

Anoushka A. Sinha, Natalie A. Diacovo

Pediatrics, Jan 2020, 145 (1) e20193303

[PDF](#)

Review Articles

[Asthma and the Risk of Invasive Pneumococcal Disease: A Meta-analysis](#)

Jose A. Castro-Rodriguez, Katia Abarca, Erick Forno

Pediatrics, Jan 2020, 145 (1) e20191200

[PDF](#)

[Apps As Learning Tools: A Systematic Review](#)

Shayl F. Griffith, Mary B. Hagan, Perrine Heymann, Brynna H. Heflin, Daniel M. Bagner

Pediatrics, Jan 2020, 145 (1) e20191579

[PDF](#)

[Integrated Care Models and Child Health: A Meta-analysis](#)

Ingrid Wolfe, Rose-Marie Satherley, Elizabeth Scotney, James Newham, Raghu Lingam

Pediatrics, Jan 2020, 145 (1) e20183747

[PDF](#)

[Intranasal Dexmedetomidine for Procedural Distress in Children: A Systematic Review](#)

Naveen Poonai, Joseph Spohn, Ben Vandermeer, Samina Ali, Maala Bhatt, Shawn Hendrikx, Evelyne D. Trottier, Vikram Sabhaney, Amit Shah, Gary Joubert, Lisa Hartling

Pediatrics, Jan 2020, 145 (1) e20191623

[PDF](#)

State-of-the-Art Review

[PrEP and Adolescents: The Role of Providers in Ending the AIDS Epidemic](#)

Sybil Hosek, Lisa Henry-Reid

Pediatrics, Jan 2020, 145 (1) e20191743

[PDF](#)

Special Articles

▢ **Preparing Future Pediatricians to Meet the Behavioral and Mental Health Needs of Children**

Julia A. McMillan, Marshall Land Jr, Ashley E. Tucker, Laurel K. Leslie
Pediatrics, Jan 2020, 145 (1) e20183796

▢ [PDF](#)

▢ **A Framework to Measure and Improve Well-Being in Primary Care**

Courtney M. Brown, Zeina M. Samaan, Mona E. Mansour, Allison Glance, John F. Morehous, Stuart Taylor, Jesse Hawke, Robert S. Kahn
Pediatrics, Jan 2020, 145 (1) e20191531

▢ [PDF](#)

▢ **Response to Suffering of the Seriously Ill Child: A History of Palliative Care for Children**

Bryan A. Sisk, Chris Feudtner, Myra Bluebond-Langner, Barbara Sourkes, Pamela S. Hinds, Joanne Wolfe
Pediatrics, Jan 2020, 145 (1) e20191741

▢ [PDF](#)

Ethics Rounds

▢ **Preventing Self-Harm From Repeat Foreign-Body Ingestion**

Christina Low Kapalu, John Lantos, Adam Booser, Mike Thomson, Thomas Attard
Pediatrics, Jan 2020, 145 (1) e20191515

▢ [PDF](#)

Quality Reports

▢ **Reducing Albuterol Use in Children With Bronchiolitis**

Michelle Dunn, Naveen Muthu, Caroline C. Burlingame, Anne M. Gahman, Maureen McCloskey, Lisa M. Tyler, Eileen P. Ware, Joseph J. Zorc
Pediatrics, Jan 2020, 145 (1) e20190306

▢ [PDF](#)

▢ **Previsit Planning Improves Pneumococcal Vaccination Rates in Childhood-Onset SLE**

Vidya Sivaraman, Kelly A. Wise, William Cotton, Fatima Barbar-Smiley, Ohoud AlAhmed, Darby MacDonald, Stephanie Lemle, Cagri Yildirim-Toruner, Stacy P. Ardoin, Monica I. Ardura
Pediatrics, Jan 2020, 145 (1) e20183141

▢ [PDF](#)

Diagnostic Dilemmas

▢ **Prolonged Fever, Diarrhea, Abdominal Pain, and Joint Pain in a 9-Year- Old Boy**

Prabi Rajbhandari, Anna Brown, Vanisha Patel, Yamini Mandelia, Moussa El-Hallak
Pediatrics, Jan 2020, 145 (1) e20183607

▢ [PDF](#)

Case Reports

- 

Death Associated With Nadolol for Infantile Hemangioma: A Case for Improving Safety

Eric McGillis, Travis Baumann, Jenna LeRoy

Pediatrics, Jan 2020, 145 (1) e20191035

 [PDF](#)
- 

Hypertension and Neuroimaging Changes After Bevacizumab for Retinopathy of Prematurity

Grace Twitty, Michael Weiss, Mehmet S. Albayram, Keliana O'Mara, Meredith E. Mowitz

Pediatrics, Jan 2020, 145 (1) e20191814

 [PDF](#)
- 

Successful Use of Cidofovir in an Immunocompetent Child With Severe Adenoviral Sepsis

Alicia M. Alcamo, Michael S. Wolf, Lauren J. Alessi, Hey J. Chong, Michael Green, John V. Williams, Dennis W. Simon

Pediatrics, Jan 2020, 145 (1) e20191632

 [PDF](#)

Special Articles

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2019 American Heart Association Focused Update on Pediatric Basic Life Support: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care

Jonathan P. Duff, Alexis A. Topjian, Marc D. Berg, Melissa Chan, Sarah E. Haskell, Benny L. Joyner Jr, Javier J. Lasa, S. Jill Ley, Tia T. Raymond, Robert Michael Sutton, Mary Fran Hazinski, Dianne L. Atkins

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2019 American Heart Association Focused Update on Neonatal Resuscitation: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care

Marilyn B. Escobedo, Khalid Aziz, Vishal S. Kapadia, Henry C. Lee, Susan Niermeyer, Georg M. Schmölzer, Edgardo Szyld, Gary M. Weiner, Myra H. Wyckoff, Nicole K. Yamada, Jeanette G. Zaichkin

Pediatrics, Jan 2020, 145 (1) e20191362

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Errata

□ **Goyal MK, Badolato GM, Patel SJ, Iqbal SF, Parikh K, McCarter R. State Gun Laws and Pediatric Firearm-Related Mortality. *Pediatrics*. 2019;144(2):e20183283**

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