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Home > May 2019 - Volume 94 - Issue 5

< Previous Issue | Next Issue >



May 2019 - Volume 94 - Issue 5

[Table of Contents Outline](#)

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[View Contributor Index](#)

 From the Editor

The Influence of Technology on Health Professions Education and Health Care Delivery: New Opportunities and Responsibilities for Health Professions Educators

Sklar, David P.
Academic Medicine. 94(5):607-609, May 2019.

 Favorites  PDF  Get Content & Permissions

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

 Letters to the Editor

Health Information Counselors Help Avoid Automatized Decisions in Health Care

Miguel Beriain, Iñigo de
Academic Medicine. 94(5):610, May 2019.

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Acts Committed and Omitted: Acknowledging Racial and Gender Bias in Medicine

Rao, Sandhya
Academic Medicine. 94(5):610, May 2019.

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Where Is the Patient Voice in Clinical Clerkship Evaluations?

Abudu, Boya
Academic Medicine. 94(5):610-611, May 2019.

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

The Real Core Competencies in Premed Culture

Ahmed, Ahmed M.
Academic Medicine. 94(5):611, May 2019.

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

Close the Gap: A Call for Pay Parity in Academic Medicine

Carvajal, Diana Nicole; Reavis, Kristin Powell; Rodriguez, José E.
Academic Medicine. 94(5):611-612, May 2019.

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In Reply to Carvajal et al

Garcia, Andrea N.; Kuo, Tony; Pérez-Stable, Eliseo J.
Academic Medicine. 94(5):612, May 2019.

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Medical Oath Taking

Halperin, Edward C.
Academic Medicine. 94(5):612-613, May 2019.

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

In Reply to Halperin

Scheinman, Steven J.
Academic Medicine. 94(5):613, May 2019.

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

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

☐ Trainee-Authored Letters to the Editor

History in the Core Curriculum?

Magoon, Katherine; Rethy, Leah
Academic Medicine. 94(5):614, May 2019.

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

Rebuilding Trust in the Surgeon–Patient Relationship: Need for Transparency

Wu, James X.
Academic Medicine. 94(5):614-615, May 2019.

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

Transparency of Medication Costs: A Method of Building Patient Trust

Rikhi, Rishi
Academic Medicine. 94(5):615, May 2019.

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

Trust in Training: I Would Rather Not

Heffron, Anna
Academic Medicine. 94(5):615, May 2019.

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

Getting Our Priorities Right: Social Determinants of Health in Medical Education

Raddatz, Michael A.
Academic Medicine. 94(5):615-616, May 2019.

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

On Trust in Training: A Medical Student Considers Her Trust Education

DeMarsilis, Antea
Academic Medicine. 94(5):616, May 2019.

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

Becoming Trustworthy Physicians: Learning About Relationships With Industry

Reid, Carmen M.
Academic Medicine. 94(5):616-617, May 2019.

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

Embracing the Clunk: Fostering Trust by Encouraging a “Growth Mindset”

Zhong, Connie S.
Academic Medicine. 94(5):617, May 2019.

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Building Self-Trust Through Nonevaluative Medical Mentorship

Shenoy, Ganesh; Zaki, Peter; Law, Christina
Academic Medicine. 94(5):617-618, May 2019.

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

In Autonomy We Trust: Increasing Intraoperative Learning to Produce Better Surgeons

Mu, Scott Z.
Academic Medicine. 94(5):618, May 2019.

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

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

 Invited Commentaries

Practical Implications of Compassionate Off-Ramps for Medical Students

Aagaard, Eva M.; Moscoso, Lisa
Academic Medicine. 94(5):619-622, May 2019.

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

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

1

2

3

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Home > May 2019 - Volume 94 - Issue 5

< Previous Issue | Next Issue >



May 2019 - Volume 94 - Issue 5

[Table of Contents Outline](#)

[Subscribe to eTOC](#)

[View Contributor Index](#)

 Invited Commentaries

Why We Needn’t Fear the Machines: Opportunities for Medicine in a Machine Learning World

Li, David; Kulasegaram, Kulamakan; Hodges, Brian D.
Academic Medicine. 94(5):623-625, May 2019.

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

Cyberbullying in Academic Medicine: A Framework for Managing Social Media Attacks

Cain, Jeff; Linos, Eleni; Chretien, Katherine C.
Academic Medicine. 94(5):626-629, May 2019.

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

Developing a Culture of Mentorship to Strengthen Academic Medical Centers

Choi, Augustine M.K.; Moon, Jennifer E.; Steinecke, Ann; [More](#)
Academic Medicine. 94(5):630-633, May 2019.

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

OPEN

Open Access Medical Journals: Promise, Perils, and Pitfalls

Baker, Eileen F.; Iserson, Kenneth V.; Aswegan, Andrew L.; [More](#)
Academic Medicine. 94(5):634-639, May 2019.

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

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

Cover Art

Artist’s Statement: Under the Spotlight

Levenberg, Kate
Academic Medicine. 94(5):622, May 2019.

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

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

Teaching and Learning Moments

Remembering the Heart of a Teacher

Servey, Jessica T.
Academic Medicine. 94(5):625, May 2019.

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



Thoughts From the Trauma Bay

Peng, Theodore
Academic Medicine. 94(5):639, May 2019.

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



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

Perspectives

A Reflection Upon the Impact of Early 21st-Century Technological Innovations on Medical School Admissions

Hanson, Mark D.; Eva, Kevin W.
Academic Medicine. 94(5):640-644, May 2019.

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

It’s Time to Wikify Clinical Documentation: How Collaborative Authorship Can Reduce the Burden and Improve the Quality of the Electronic Health Record

Warner, Jeremy L.; Smith, Jeffery; Wright, Adam
Academic Medicine. 94(5):645-650, May 2019.

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

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Recruiting and Training a Health Professions Workforce to Meet the Needs of Tomorrow’s Health Care System

Raffoul, Melanie; Bartlett-Esquillant, Gillian; Phillips, Robert L. Jr
Academic Medicine. 94(5):651-655, May 2019.

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

Providing Compassionate Off-Ramps for Medical Students Is a Moral Imperative

Bellini, Lisa M.; Kalet, Adina; Englander, Robert
Academic Medicine. 94(5):656-658, May 2019.

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

Future Directions of Training Physician–Scientists: Reimagining and Remeasuring the Workforce

Bensken, Wyatt P.; Nath, Avindra; Heiss, John D.; [More](#)
Academic Medicine. 94(5):659-663, May 2019.

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

The Integration of Clinical and Research Training: How and Why MD–PhD Programs Work

Ng, Enoch; Jones, Andrea A.; Sivapragasam, Milani; [More](#)
Academic Medicine. 94(5):664-670, May 2019.

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

Defining and Adopting Clinical Performance Measures in Graduate Medical Education: Where Are We Now and Where Are We Going?

Smirnova, Alina; Sebok-Syer, Stefanie S.; Chahine, Saad; [More](#)
Academic Medicine. 94(5):671-677, May 2019.

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

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

Correction

Correction: Commentary on “Sunset in Santa Rosa After the Northern California Firestorm”

Academic Medicine. 94(5):670, May 2019.

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

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

Articles

From Modules to MOOCs: Application of the Six-Step Approach to Online Curriculum Development for Medical Education

Chen, Belinda Y.; Kern, David E.; Kearns, Robert M.; [More](#)
Academic Medicine. 94(5):678-685, May 2019.

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

SDC

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

Medicine and the Arts

Medical School: A Mental Battle

Mohammed, Raihan; Ojha, Utkarsh
Academic Medicine. 94(5):686, May 2019.

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Commentary on “Medical School: A Mental Battle”

Mohammed, Raihan; Ojha, Utkarsh
Academic Medicine. 94(5):687, May 2019.

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

Innovation Reports

Postapplication Advisement for U.S. Medical School Reapplicants: One School’s Program

Ballejos, Marlene P.; Schmitt, Cheryl L.; McKinney, Kara L.; [More](#)
Academic Medicine. 94(5):688-691, May 2019.

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

Fostering Transformative Learning in a Social Pediatrics Research Summer Studentship

Talarico, Susanna; Zubairi, Mohammad; Daneman, Denis; [More](#)
Academic Medicine. 94(5):692-696, May 2019.

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

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

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Home > May 2019 - Volume 94 - Issue 5

< Previous Issue | Next Issue >

May 2019 - Volume 94 - Issue 5

[Table of Contents Outline](#)

[Subscribe to eTOC](#)

[View Contributor Index](#)

Innovation Reports

Designated Interpreters: A Model to Promote the Diversity and Inclusion of Deaf Professionals in Academic Medicine

Hall, Wyattte C.; Elliott, Marlene; Cullen, John P.
Academic Medicine. 94(5):697-700, May 2019.

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

[BLOG](#)

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

Research Reports

The Social Media Editor at Medical Journals: Responsibilities, Goals, Barriers, and Facilitators

Lopez, Melany; Chan, Teresa M.; Thoma, Brent; [More](#)
Academic Medicine. 94(5):701-707, May 2019.

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

https://journals.lww.com/academicmedicine/toc/2019/05000[6/7/2019 9:57:42 AM]

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The Impact of Individual Mentored Career Development (K) Awards on the Research Trajectories of Early-Career Scientists

Nikaj, Silda; Lund, P. Kay
Academic Medicine. 94(5):708-714, May 2019.

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

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The North Carolina Community Preceptor Experience: Third Study of Trends Over 12 Years

Latessa, Robyn; Keen, Susan; Byerley, Julie; [More](#)
Academic Medicine. 94(5):715-722, May 2019.

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

SDC

Mapping the Mission Statements of U.S. LCME-Accredited Medical Schools: An Exploration of Organizational Communalities

Hafferty, Frederic W.; Grbic, Douglas; Hafferty, Philip K.
Academic Medicine. 94(5):723-730, May 2019.

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

SDC

Does Performance on Evidence-Based Medicine and Urgent Clinical Scenarios Assessments Deteriorate During the Fourth Year of Medical School? Findings From One Institution

Heidemann, Lauren A.; Keilin, Charles A.; Santen, Sally A.; [More](#)
Academic Medicine. 94(5):731-737, May 2019.

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

SDC

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

 AM Last Page

Ensuring the Quality of Multiple-Choice Tests: An Algorithm to Facilitate Decision Making for Difficult Questions

Dory, Valérie; Allan, Kate; Birnbaum, Leora; [More](#)
Academic Medicine. 94(5):740, May 2019.

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

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May 15, 2019

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

Articles

[Apophysitis and Osteochondrosis:
Common Causes of Pain in Growing
Bones](#)

Suraj Achar; Jarrod Yamanaka

[Take the CME Quiz](#)

[Depression and Anxiety Disorders: Benefits of Exercise, Yoga,
and Meditation](#)

Sy Atezaz Saeed; Karlene Cunningham; Richard M. Bloch

[Lice and Scabies: Treatment Update](#)

Karen Gunning; Bernadette Kiraly; Karly Pippitt

Departments

Editorials: [What Evidence Do We Need Before Recommending
Routine Screening for Social Determinants of Health? - Free
Full Text](#)

Alex H. Krist, MD, MPH; Karina W. Davidson; Quyen Ngo-Metzger

AFP Clinical Answers: [Postoperative Pain, Acute Stroke,
Hormone Therapy, Diet to Improve Cardiovascular Risk,
Ovarian Cancer](#)

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Montgomery Douglas

Putting Prevention into Practice: [Screening for Intimate Partner Violence, Elder Abuse, and Abuse of Vulnerable Adults](#)
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Amanda E. Borsky; Eunice Zhang

Photo Quiz: [Unpleasant Foot Odor and Skin Changes](#)

William F. Keenan

Practice Guidelines: [Chronic Cough After Acute Viral Bronchiolitis: Suggestions from the ACCP](#)

Carrie Armstrong

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U.S. Preventive Services Task Force: [Screening for Intimate Partner Violence, Elder Abuse, and Abuse of Vulnerable Adults: Recommendation Statement](#) - [Free Full Text](#)

Patient Information

[Lice and Scabies](#) - [Free Full Text](#)

POEMS

[Limited Data: Deprescribing is Safe, But at the Risk of Symptom Recurrence](#)

[Risk of GI Bleeding Highest with Rivaroxaban, Lower with Apixaban, and Lowest with PPI Cotherapy](#)

[Simple Clinical Prediction Rule Determines Risk of Heart Failure with Preserved Ejection Fraction](#)

[FIT Has Similar Yield as Colonoscopy for Colorectal Cancer and Advanced Adenoma Over 10 Years](#)

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Previous

May 2019
Volume 220, Issue5, p413-510

Next
>

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Table of Contents

A5–A6
Published in issue: May 2019



Browse By Issue

2010 - 2019

Vol. 220

June 2019 Issue 6, p511-612

[List of Issues](#)

Go

[PDF](#)

Information for Readers

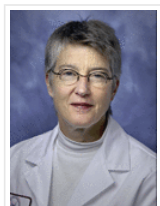


A16

Published in issue: May 2019

[PDF](#)

Editorials



Sarah J. Kilpatrick, MD, PhD, Editor for *AJOG*



Roberto Romero

p413–416

Published in issue: May 2019

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

Fertility-sparing surgery for early-stage cervical cancer: does surgical approach have an impact on disease outcomes?



Kristin L. Bixel, Jeffrey M. Fowler

p417–419

Published in issue: May 2019

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

Giants in Obstetrics and Gynecology



Giants in Obstetrics and Gynecology Series: a profile of Christopher Redman, MB, BChir, MRCP, FRCP



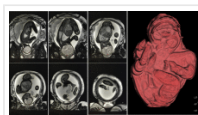
Roberto Romero

p420–427.e1

Published in issue: May 2019

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

Expert Reviews



Magnetic resonance imaging for prenatal estimation of birthweight in pregnancy: review of available data, techniques, and future perspectives

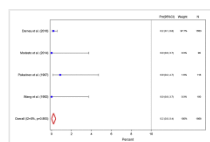
Caroline Kadji, Mieke M. Cannie, Serena Resta, David Guez, Fouad Abi-Khalil, Riccardo De Angelis, Jacques C. Jani

p428–439

Published online: December 21, 2018

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

Systematic Reviews



Levonorgestrel intrauterine system associated amenorrhea: a systematic review and metaanalysis



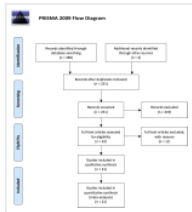
Jill E. Sergison, Lauren Y. Maldonado, Xiaoming Gao, David Hubacher

p440–448.e8

Published online: December 7, 2018

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



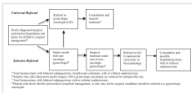
Diagnostic performance of third-trimester ultrasound for the prediction of late-onset fetal growth restriction: a systematic review and meta-analysis

Javier Caradeux, Raigam J. Martinez-Portilla, Anna Peguero, Alexandros Sotiriadis, Francesc Figueras
p449–459.e19

Published online: January 9, 2019

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

Clinical Opinion



Does surgical treatment of atypical endometrial hyperplasia require referral to a gynecologic oncologist?

David I. Shalowitz, Alexandra Goodwin, Nicholas Schoenbachler
p460–464

Published online: December 7, 2018

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

Viewpoint

Trauma in Pregnancy: A Comprehensive Approach to the Mother and Fetus

Brian MacArthur, Michael Foley, Kendra Gray, Amy Sisley
p465–468.e1

Published online: January 24, 2019

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

Original Research

Gynecology



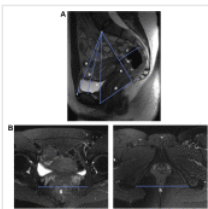
Trachelectomy for reproductive-aged women with early-stage cervical cancer: minimally invasive surgery versus laparotomy

Koji Matsuo, Ling Chen, Rachel S. Mandelbaum, Alexander Melamed, Lynda D. Roman, Jason D. Wright

p469.e1–469.e13

Published online: February 22, 2019

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



Are fibroid and bony pelvis characteristics associated with urinary and pelvic symptom severity?

Robyn K. Shaffer, Amy D. Dobberfuhl, Kim-Nhien Vu, Angela M. Fast, Susan Dababou, Cristina Marrochio, Deirdre A. Lum, David M. Hovsepian, Pejman Ghanouni, Bertha Chen

p471.e1–471.e11

Published online: January 31, 2019

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

Increased risk of incident chronic medical conditions in infertile women: analysis of US claims data

Gayathree Murugappan, Shufeng Li, Ruth B. Lathi, Valerie L. Baker, Michael L. Eisenberg

p473.e1–473.e14

Published online: January 30, 2019

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

Association between obesity and bacterial vaginosis as assessed by Nugent score

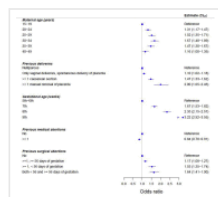


Rita T. Brookheart, Warren G. Lewis, Jeffrey F. Peipert, Amanda L. Lewis, Jenifer E. Allsworth

p476.e1–476.e11

Published online: January 29, 2019

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



Risk factors for surgical intervention of early medical abortion

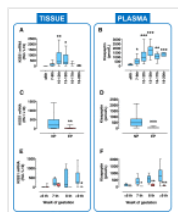


Amani Meaidi, Sarah Friedrich, Thomas Alexander Gerds, Oejvind Lidegaard

p478.e1–478.e15

Published online: February 11, 2019

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



Deregulation of miR-324/*KISS1*/kisspeptin in early ectopic pregnancy: mechanistic findings with clinical and diagnostic implications



Antonio Romero-Ruiz, Maria S. Avendaño, Francisco Dominguez, Teresa Lozoya, Helena Molina-Abril, Susana Sangiao-Alvarellos, Marta Gurrea, Maribel Lara-Chica, Manuel Fernandez-Sanchez, Encarnación Torres-

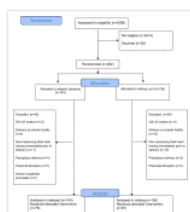
Jimenez, Cecilia Perdices-Lopez, Ali Abbara, Liliana Steffani, Marco A. Calzado, Waljit S. Dhillon, Antonio Pellicer, Manuel Tena-Sempere

p480.e1–480.e17

Published online: January 29, 2019

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

Obstetrics



Delayed clamping vs milking of umbilical cord in preterm infants: a randomized controlled trial

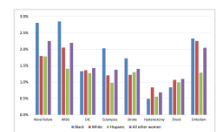


Samantha K. Shirk, Stephanie A. Manolis, Donna S. Lambers, Kathleen L. Smith

p482.e1–482.e8

Published online: February 17, 2019

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



Maternal outcomes by race during postpartum readmissions

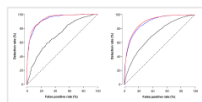


Aleha Aziz, Cynthia Gyamfi-Bannerman, Zainab Siddiq, Jason D. Wright, Dena Goffman, Jean-Ju Sheen, Mary E. D'Alton, Alexander M. Friedman

p484.e1–484.e10

Published online: February 17, 2019

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



Prediction of small for gestational age neonates: screening by maternal factors, fetal biometry, and biomarkers at 35–37 weeks' gestation



Anca Ciobanu, Angeliki Rouvali, Argyro Syngelaki, Ranjit Akolekar, Kypros H. Nicolaides

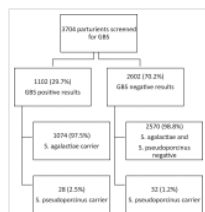
p486.e1–486.e11

Published online: January 29, 2019

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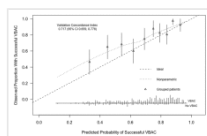
Published online: January 25, 2019

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Published online: January 25, 2019

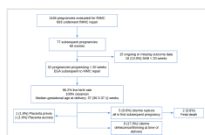
[Full-Text HTML](#) | [PDF](#) | [Summary PDF](#)



J. Eric Jelovsek
p492.e1–492.e7

Published online: February 1, 2019

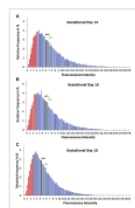
[Full-Text HTML](#) | [PDF](#) | [Summary PDF](#)



p494.e1–494.e7

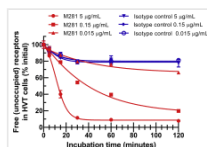
Published online: March 15, 2019

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



Published online: January 25, 2019

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



p498.e1–498.e9

Published online: March 5, 2019

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

Corrections

September 2018 (vol. 219, no. 3, page 243)



p499

Published online: January 24, 2019

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

September 2018 (vol. 219, no. 3, pages 303.e1 and 303.e6)

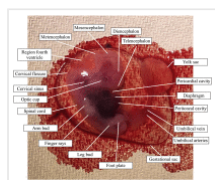


p499

Published online: January 24, 2019

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

Images in Gynecology



Complete spontaneous abortion with expulsion of an intact six-week embryo

Giovanni Delli Carpini, Andrea Ciavattini

p500

Published online: August 29, 2018

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



Interstitial pregnancy mimicking an invasive hydatidiform mole

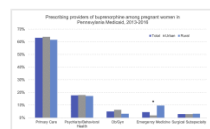
Sandhya Mittal, Sharifa Menon

p501

Published online: October 25, 2018

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

Research Letter



Medical specialty of buprenorphine prescribers for pregnant women with opioid use disorder



Mara A.G. Hollander, Marian P. Jarlenski, Julie M. Donohue, Evan S. Cole, David Kelley, Elizabeth E. Krans

p502–503

Published online: January 28, 2019

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

Letters to the Editors

Medical abortion reversal: science and politics meet



Mark G. Doherty

p504

Published online: May 9, 2018

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

Reply



Antoinette T. Nguyen, Khadijah Z. Bhatti, Gretchen S. Stuart

p504–505

Published online: May 9, 2018

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

The unforeseen psychological, behavioral and physiological complications associated with intra uterine device use contraceptions



Ranjeet Singh Mahla

p505

Published online: February 8, 2019

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

Reply



Chelsea A. Kebodeaux, Beth I. Schwartz

p506

Published online: February 8, 2019

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

An instrument which addresses the expectations of pregnant women over childbirth



Gabriela M. Marques, Diego Z. Nascimento, Betine P.M. Iser

p506–507

Published online: February 8, 2019

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

Twin-twin transfusion syndrome: need for mechanistic studies



Michael G. Ross, Martin van Gemert, Jeroen P. Wijngaard

p507–508

Published online: February 8, 2019

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

Reply to: Twin–twin transfusion syndrome: need for mechanistic studies



Fiona L. Mackie, R. Katie Morris, Mark D. Kilby

p508

Published online: February 8, 2019

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

A reply to “Low HIV testing rates among US women who report anal sex and other HIV sexual risk behaviors”



Paris N. Stowers

p509

Published online: February 11, 2019

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

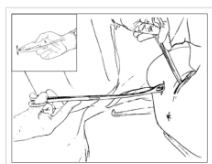
Society for Maternal-Fetal Medicine

SMFM Divider Page

B1

Published in issue: May 2019

[PDF](#)



Society for Maternal-Fetal Medicine (SMFM) Consult Series #48: Immediate postpartum long-acting reversible contraception for women at high risk for medical complications



Society for Maternal-Fetal Medicine (SMFM) Laura K. Vricella, Lori M. Gawron, Judette M. Louis

B2–B12
Published online: February 7, 2019
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May 1, 2019

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Articles

[Interventional Radiology: Indications and Best Practices](#) [Take the CME Quiz](#)

Michael J. Arnold; Jonathan J. Keung; Brent McCarragher

[Clinically Relevant Drug-Drug Interactions in Primary Care](#)

Mary Carpenter; Holly Berry; Allen L. Pelletier

[Top 20 Research Studies of 2018 for Primary Care Physicians](#)

Roland Grad; Mark H. Ebell

Departments

Editorials: [AFP 2019: New Fellow, New Features, Top 20 Articles of 2018, and AFP Statistics](#) - Free Full Text

Sumi M. Sexton

AFP Clinical Answers: [Vaginitis, Coronary Artery Disease, Hypertension in Children, COPD, Alzheimer Disease](#)

Cochrane for Clinicians: [Saline Irrigation for Allergic Rhinitis](#)

Karl T. Clebak; Julianna Naccarato; Timothy D. Riley

Cochrane for Clinicians: [Aromatase Inhibitors Such as Letrozole \(Femara\) vs. Clomiphene \(Clomid\) for Subfertile Women with PCOS](#)

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Nicholas LeFevre

Photo Quiz: [New-Onset Full-Body Rash Following Sore Throat in a Child](#)

Leah Johnson; Cara Drew; Erin Kastl

Implementing AHRQ Effective Health Care Reviews:
[Psychological and Pharmacologic Treatments for Adults with PTSD](#)

Aaron Saguil

Point-of-Care Guides: [Applying a Clinical Decision Rule for CAD in Primary Care to Select a Diagnostic Test and Interpret the Results](#)

Harold C. Sox; Mark Aerts; Jörg Haasenritter

FPIN's Help Desk Answers: [Risks of Elective Labor Induction vs. Expectant Management](#)

Dylan Tracy; Carissa van den Berk Clark

Practice Guidelines: [Cholesterol Management: ACC/AHA Updates Guideline](#)

Lindsey E. Hoover

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Medicine by the Numbers: [Denosumab for Reducing Risk of Fractures in Postmenopausal Women](#)

Peter Song; Shahriar Zehtabchi

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May 2019

Volume 56, Issue5, p631-772

<
Previous

Next
>

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Research Articles

Women's Affordability, Access, and Preventive Care After the Affordable Care Act

Lois Kaye Lee, Michael Carl Monuteaux, Alison Amidei Galbraith
p631–638
Published online: March 21, 2019

Browse By Issue

2010 - 2019

Vol. 56

June 2019 Issue 6, p773-920

[List of Issues](#)

Go

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

U.S. Emergency Department Visits Resulting From Nonmedical Use of Pharmaceuticals, 2016



Andrew I. Geller, Deborah Dowell, Maribeth C. Lovegrove, Jana K. McAninch, Sandra K. Goring, Kathleen O. Rose, Nina J. Weidle, Daniel S. Budnitz
p639–647

Published online: March 6, 2019

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

Association Between State Minimum Wages and Suicide Rates in the U.S.



Alex K. Gertner, Jason S. Rotter, Paul R. Shafer
p648–654

Published online: March 21, 2019

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

E-cigarette Use Among Young Adults in the U.S.

Mark Olfson, Melanie M. Wall, Shang-Min Liu, Ryan S. Sultan, Carlos Blanco
p655–663

Published online: March 16, 2019

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

One Hour a Week: Moving to Prevent Disability in Adults With Lower Extremity Joint Symptoms

Dorothy D. Dunlop, Jing Song, Jennifer M. Hootman, Michael C. Nevitt, Pamela A. Semanik, Jungwha Lee, Leena Sharma, Charles B. Eaton, Marc C. Hochberg, Rebecca D. Jackson, C. Kent Kwoh, Rowland W. Chang
p664–672

Published online: March 19, 2019

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

Health Insurance Coverage Among U.S. Workers: Differences by Work Arrangements in 2010 and 2015

Chia-ping Su, Abay Asfaw, Sara L. Tamers, Sara E. Luckhaupt
p673–679

Published online: March 16, 2019

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

Trends and Correlates of Youth Violence-Prevention Program Participation, 2002–2016



Millan A. AbiNader, Christopher P. Salas-Wright, Michael G. Vaughn, Sehun Oh, Dylan B. Jackson
p680–688

Published online: March 21, 2019

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

Food Security and 10-Year Cardiovascular Disease Risk Among U.S. Adults

Kelsey A. Vercammen, Alyssa J. Moran, Amanda C. McClain, Anne N. Thorndike, Aarohee P. Fulay, Eric B. Rimm
p689–697

Published online: March 16, 2019

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

Adverse Childhood Experiences and Household Out-of-Pocket Healthcare Costs

Adam B. Schickedanz, José J. Escarce, Neal Halfon, Narayan Sastry, Paul J. Chung

p698–707

Published online: March 21, 2019

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

State-Level Beer Excise Tax and Firearm Homicide in Adolescents and Young Adults

Robert A. Tessler, Stephen J. Mooney, D. Alex Quistberg, Ali Rowhani-Rahbar, Monica S. Vavilala, Frederick P. Rivara

p708–715

Published online: March 16, 2019

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

Impacts of the Affordable Care Act Dependent Coverage Provision on Young Adults With Cancer

Justin M. Barnes, Jenine K. Harris, Derek S. Brown, Allison King, Kimberly J. Johnson

p716–726

Published online: March 18, 2019

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

Time to Follow-up After Colorectal Cancer Screening by Health Insurance Type



Nancy Breen, Celette Sugg Skinner, Yingye Zheng, Stephen Inrig, Douglas A. Corley, Elisabeth F. Beaber, Mike Garcia, Jessica Chubak, Chyke Doubeni, Virginia P. Quinn, Jennifer S. Haas, Christopher I. Li, Karen J. Wernli, Carrie N. Klabunde on behalf of the PROSPR consortium

e143–e152

Published in issue: May 2019

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

Administrative Military Discharge and Suicidal Ideation Among Post–9/11 Veterans

Claire A. Hoffmire, Lindsey L. Monteith, Ryan Holliday, Crystal L. Park, Lisa A. Brenner, Rani A. Hoff

p727–735

Published online: March 19, 2019

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

Public Health Workforce Development Needs: A National Assessment of Executives' Perspectives



Jonathon P. Leider, Fatima Coronado, Kyle Bogaert, Elizabeth Gould

e153–e161

Published online: March 16, 2019

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

Research Briefs

Mortality Risk Reductions for Replacing Sedentary Time With Physical Activities



Erika Rees-Punia, Ellen M. Evans, Michael D. Schmidt, Jennifer L. Gay, Charles E. Matthews, Susan M. Gapstur, Alpa V. Patel

p736–741

Published online: March 21, 2019

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

Characteristics of Veteran and Civilian Suicide Decedents: A Sex-Stratified Analysis



Adam G. Horwitz, Dale L. Smith, Philip Held, Alyson K. Zalta

e163–e168

Published online: March 19, 2019

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

Regular Sunscreen Use and Risk of Mortality: Long-Term Follow-up of a Skin Cancer Prevention Trial

Akiaja R. Lindstrom, Lena A. von Schuckmann, Maria Celia B. Hughes, Gail M. Williams, Adele C. Green, Jolieke C. van der Pols

p742–746

Published online: March 16, 2019

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

Review Articles

Fall Prevention Self-Management Among Older Adults: A Systematic Review

Kumiko O. Schnock, Elizabeth P. Howard, Patricia C. Dykes

p747–755

Published online: March 16, 2019

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

A Systematic Review of Trials to Improve Child Outcomes Associated With Adverse Childhood Experiences

Ariane Marie-Mitchell, Rashel Kostolansky

p756–764

Published online: March 21, 2019

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

Topics in Education

Including Lifestyle Medicine in Medical Education: Rationale for American College of Preventive Medicine/American Medical Association Resolution 959



Jennifer Trilk, Leah Nelson, Avery Briggs, Dennis Muscato

e169–e175

Published in issue: May 2019

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Global Health Promotion and Prevention

Pathways From Food Insecurity to Intimate Partner Violence Perpetration Among Peri-Urban Men in South Africa

Abigail M. Hatcher, Heidi Stöckl, Ruari-Santiago McBride, Mzwakhe Khumalo, Nicola Christofides

p765–772

Published online: March 21, 2019

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

Frontmatter

Masthead



A1–A2

Published in issue: May 2019
[PDF](#)

Information for CME Credit—U.S. Emergency Department Visits
Resulting From Nonmedical Use of Pharmaceuticals, 2016



A3
Published in issue: May 2019
[PDF](#)

Information for CME Credit—Mortality Risk Reductions for Replacing
Sedentary Time With Physical Activities



A4
Published in issue: May 2019
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Megan Lowry and David Fouse

American Journal of Public Health: 109(5), pp. 645–645
[Citation](#) | [Full Text](#) | [PDF \(507 KB\)](#) | [PDF Plus \(469 KB\)](#)

News From The Nation’s Health

American Journal of Public Health: 109(5), pp. 647–647
[Citation](#) | [Full Text](#) | [PDF \(1045 KB\)](#) | [PDF Plus \(609 KB\)](#)

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A. Mark Clarfield

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Karen B. DeSalvo and Jeffrey Levi

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[Citation](#) | [Full Text](#) | [References](#) | [PDF \(674 KB\)](#) | [PDF Plus \(680 KB\)](#)

PARENTAL LEAVE

Bringing Parenting Policies in Line With Evidence at US Schools of Public Health

Other Maternal and Infant Health, Public Health Practice, Health Policy, Public Health Workers, Family Health, Gender, Maternal and Infant Health

Katy B. Kozhimannil

American Journal of Public Health: 109(5), pp. 651–653

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(716 KB\)](#) | [PDF Plus \(727 KB\)](#)

MALTREATMENT

To Prevent Child Maltreatment, Home Visiting Programs Are One Part of a Complete Response

Prevention, Child and Adolescent Health, Other Child and Adolescent Health

Hyunil Kim

American Journal of Public Health: 109(5), pp. 653–655

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(730 KB\)](#) | [PDF Plus \(740 KB\)](#)

OPIOIDS

Emergency Departments as Barometers for Prescription Opioid Morbidity and Mortality

Substance Use, Drugs, Public Health Practice, Injury/Emergency Care/Violence, Health Service Delivery

Elizabeth A. Samuels

American Journal of Public Health: 109(5), pp. 655–656

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(626 KB\)](#) | [PDF Plus \(638 KB\)](#) | [Supplemental Material](#)

PRISONS

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The Health of Incarcerated Pregnant Women: Some Much Needed Data and Beyond

Pregnancy, Human Rights, Women's Health, Maternal and Infant Health, Birth Outcomes

Lorie S. Goshin and Alison M. Colbert

American Journal of Public Health: 109(5), pp. 657–658

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(672 KB\)](#) | [PDF Plus \(674 KB\)](#)

DESPAIR

Age, Period, and Cohort Effects to Predict the Future of Despair

Substance Use, Alcohol, Drugs, Mental Health, Epidemiology

Hannah Carliner

American Journal of Public Health: 109(5), pp. 658–660

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(729 KB\)](#) | [PDF Plus \(737 KB\)](#)

SCREENING

What Are the Public Health Effects of Dense Breast Notification Laws?

Chronic Disease, Cancer, Health Law, Public Health Practice, Socioeconomic Factors, Women's Health, Health Policy

Stacey A. Fedewa

American Journal of Public Health: 109(5), pp. 660–661

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(627 KB\)](#) | [PDF Plus \(638 KB\)](#)

MOVEMENT PRACTICES

Trends in Yoga, Tai Chi, and Qigong Use: Differentiations Between Practices and the Need for Dialogue and Diffusion

Other Health Service Delivery, Health Education, Mental Health, Health Professionals, Exercise/Physical Activity, Health Promotion, Health Service Delivery

Ineke Vergeer

American Journal of Public Health: 109(5), pp. 662–663

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(673 KB\)](#) | [PDF Plus \(679 KB\)](#)

TEXTING BANS

Texting Bans, a Possibly Low-Cost and Effective Means to Help Improve Motor Vehicle Safety

Health Law, Injury/Emergency Care/Violence

Carol A. Flannagan

American Journal of Public Health: 109(5), pp. 663–665

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(716 KB\)](#) | [PDF Plus \(726 KB\)](#)

LOCAL HEALTH DEPARTMENTS

Academic Health Department Partnerships: Bridging the Gap Between Town and Gown

Health Administration, Public Health Practice, Public Health Workers, Statistics/Evaluation/Research, Community Health, Other Statistics/Evaluation/Research

C. William Keck

American Journal of Public Health: 109(5), pp. 665–666

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(674 KB\)](#) | [PDF Plus \(676 KB\)](#)

INFANT MORTALITY

Racial Equality in Infant Outcomes: A Call to Action

Other Race/Ethnicity, Other Maternal and Infant Health, Public Health Practice, Socioeconomic Factors, Statistics/Evaluation/Research, Race/Ethnicity, Maternal and Infant Health, Birth Outcomes, Other Statistics/Evaluation/Research

Joedrecka S. Brown Speights, Samantha S. Goldfarb, Robert S. Levine and George Rust

American Journal of Public Health: 109(5), pp. 666–668

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(635 KB\)](#) | [PDF Plus \(641 KB\)](#)

SUICIDE

Suicide Prevention—We Know What to Do, but Will We Do It?

Rural Health, Prevention, Health Policy, Statistics/Evaluation/Research, Race/Ethnicity, Mortality, Community Health, Native Americans

James Allen

American Journal of Public Health: 109(5), pp. 668–670

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(644 KB\)](#) | [PDF Plus \(654 KB\)](#)

BLOOD ALCOHOL CONCENTRATION

Another Major Reason to Lower the Blood Alcohol Concentration Limit for Driving

Substance Use, Alcohol, Prevention, Health Law

James C. Fell

American Journal of Public Health: 109(5), pp. 670–671

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(623 KB\)](#) | [PDF Plus \(633 KB\)](#)

PUBLIC HEALTH OF CONSEQUENCE

Health as a Means, Not an End: A Public Health of Consequence, May 2019

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

Sandro Galea and Roger D. Vaughan

American Journal of Public Health: 109(5), pp. 672–673

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(631 KB\)](#) | [PDF Plus \(636 KB\)](#)

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PH WINS SURVEY

The State of the US Governmental Public Health Workforce, 2014–2017

Government, Health Administration, Public Health Practice, Public Health Workers, Health Professionals

Katie Sellers, Jonathon P. Leider, Elizabeth Gould, Brian C. Castrucci, Angela Beck, Kyle Bogaert, Fátima Coronado, Gulzar Shah, Valerie Yeager, Leslie M. Beitsch and Paul C. Erwin

American Journal of Public Health: 109(5), pp. 674–680

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(811 KB\)](#) | [PDF Plus \(836 KB\)](#)

RETIREMENT

Mass Exodus of State Health Department Deputies and Senior Management Threatens Institutional Stability

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

Leslie M. Beitsch, Valerie A. Yeager, Jonathon P. Leider and Paul Campbell Erwin

American Journal of Public Health: 109(5), pp. 681–683

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(682 KB\)](#) | [PDF Plus \(724 KB\)](#) | [Supplemental Material](#)

SALARIES

The Role of Salary in Recruiting Employees in State and Local Governmental Public Health: PH WINS 2017

Government, Health Administration, Public Health Practice, Socioeconomic Factors, Public Health Workers, Health Professionals

Valerie A. Yeager and Jonathon P. Leider

American Journal of Public Health: 109(5), pp. 683–685

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(745 KB\)](#) | [PDF Plus \(793](#)

|

[KB](#)) | [Supplemental Material](#)

UNDERGRADUATES

Public Health Undergraduates in the Workforce: A Trickle, Soon a Wave?

Health Education, Public Health Practice, Public Health Workers

Paul Campbell Erwin, Angela J. Beck, Valerie A. Yeager and Jonathon P. Leider

American Journal of Public Health: 109(5), pp. 685–687

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(649 KB\)](#) | [PDF Plus \(696 KB\)](#) | [Supplemental Material](#)

AJPH PERSPECTIVES

TWITTER

Malicious Actors on Twitter: A Guide for Public Health Researchers

Media, Immunization/Vaccines

Amelia M. Jamison, David A. Broniatowski and Sandra Crouse Quinn

American Journal of Public Health: 109(5), pp. 688–692

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(532 KB\)](#) | [PDF Plus \(541 KB\)](#)

FIRST RESPONDERS

The World Trade Center Health Program in New York: A Beacon for First Responders' Health

Environment, Climate Change, Occupational Health, Health Professionals, Injury/Emergency Care/Violence, Health Service Delivery

Rebekah E. Gee

American Journal of Public Health: 109(5), pp. 693–694

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(803 KB\)](#) | [PDF Plus \(804 KB\)](#)

AJPH HISTORY

VACCINES

Cow-Pock Inoculation: Vindicated and Recommended From Matters of Fact

American Journal of Public Health: 109(5), pp. 695–697

[Citation](#) | [Full Text](#) | [PDF \(740 KB\)](#) | [PDF Plus \(540 KB\)](#)

Reverend Rowland Hill and a Role for Religious Leaders in Vaccine Promotion

Joshua T. B. Williams and Abraham M. Nussbaum

American Journal of Public Health: 109(5), pp. 697–698

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(470 KB\)](#) | [PDF Plus \(475 KB\)](#)

ALMA ATA

The Jamkhed Comprehensive Rural Health Project and the Alma-Ata Vision of Primary Health Care

Global Health, History, Community Health

Henry B. Perry and Jon Rohde

American Journal of Public Health: 109(5), pp. 699–704

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(1482 KB\)](#) | [PDF Plus \(817 KB\)](#)

AJPH POLICY

WYOMING

Wyoming: A Rural/Interior State Perspective on Public Health Priorities

Rural Health, Health Policy

Charles Scott and Christopher F. Koller

American Journal of Public Health: 109(5), pp. 705–707

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(504 KB\)](#) | [PDF Plus \(507 KB\)](#)

CALONGE COMMENTS

Government, Health Financing, Rural Health, Health Policy, Health Service Delivery, Access to Care

Ned Calonge

American Journal of Public Health: 109(5), pp. 707–708

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(535 KB\)](#) | [PDF Plus \(537 KB\)](#)

BLOOD ALCOHOL CONCENTRATION

Ethical Acceptability of Reducing the Legal Blood Alcohol Concentration Limit to 0.05

Health Law, Health Policy, Ethics, Injury/Emergency Care/Violence

Stephanie Morain and Emily Largent

American Journal of Public Health: 109(5), pp. 709–713

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(620 KB\)](#) | [PDF Plus \(632 KB\)](#)

AJPH METHODS

INFANT MORTALITY

Joinpoint Trend Analysis of Infant Mortality Disparities in Wisconsin, 1999–2016

Other Race/Ethnicity, Epidemiology, Race/Ethnicity, Maternal and Infant Health

Keith P. Gennuso, David A. Kindig and Marjory L. Givens

American Journal of Public Health: 109(5), pp. 714–718

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(757 KB\)](#) | [PDF Plus \(770 KB\)](#)

AJPH SURVEILLANCE

RICKETTSIOSIS

National Surveillance Data Show Increase in Spotted Fever Rickettsiosis: United States, 2016–2017

Infections, Epidemiology, Statistics/Evaluation/Research, Other Infections, Surveillance

Kristen Nichols Heitman, Naomi A. Drexler, Dena Cherry-Brown, Amy E. Peterson, Paige A. Armstrong and Gilbert J. Kersh

American Journal of Public Health: 109(5), pp. 719–721

[Citation](#) | [Full Text](#) | [References](#) | [PDF \(728 KB\)](#) | [PDF Plus \(735 KB\)](#)

AJPH OPEN-THEMED RESEARCH

PARENTAL LEAVE

Parental Leave, Lactation, and Childcare Policies at Top US Schools of Public Health

Women's Health, Health Policy, Maternal and Infant Health

Stephanie Morain, Lauren Schoen, Makenna Marty and Eleanor Bimla Schwarz

American Journal of Public Health: 109(5), pp. 722–728

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(664 KB\)](#) | [PDF Plus \(690 KB\)](#)

MALTREATMENT

Recurrence of Maltreatment After Newborn Home Visiting: A Randomized Controlled Trial

Other Health Service Delivery, Prevention, Child and Adolescent Health, Health Service Delivery, Other Child and Adolescent Health

M. Ann Easterbrooks, Chie Kotake and Rebecca Fauth

American Journal of Public Health: 109(5), pp. 729–735

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(734 KB\)](#) | [PDF Plus \(757 KB\)](#)

MILK

Environmental and Economic Effects of Changing to Shelf-Stable Dairy or Soy Milk for the Breakfast in the Classroom Program

Government, Environment, Nutrition/Food, Climate Change, Child and Adolescent Health, Socioeconomic Factors, School Health, Low-Income Children

Jacob P. Beckerman, Stacy A. Blondin, Scott A. Richardson and Eric B. Rimm

American Journal of Public Health: 109(5), pp. 736–738

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(681 KB\)](#) | [PDF Plus \(687 KB\)](#)

LOCAL HEALTH DEPARTMENTS

Evidence-Based Public Health Provided Through Local Health Departments: Importance of Academic–Practice Partnerships

Other Health Service Delivery, Prevention, Public Health Practice, Community Health, Health Service Delivery

Paul Campbell Erwin, Renee G. Parks, Stephanie Mazzucca, Peg Allen, Elizabeth A. Baker, Hengrui Hu, Johnnetta Davis-Joyce and Ross C. Brownson

American Journal of Public Health: 109(5), pp. 739–747

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(766 KB\)](#) | [PDF Plus \(795 KB\)](#) | [Supplemental Material](#)

TEXTING BANS

Texting-While-Driving Bans and Motor Vehicle Crash–Related Emergency Department Visits in 16 US States: 2007–2014

Health Care Facilities/Services, Prevention, Health Law, Health Policy, Community Health, Injury/Emergency Care/Violence

Alva O. Ferdinand, Ammar Aftab and Marvellous A. Akinlotan

American Journal of Public Health: 109(5), pp. 748–754

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(897 KB\)](#) | [PDF Plus \(919 KB\)](#) | [Supplemental Material](#)

MOVEMENT PRACTICES

Trends in Yoga, Tai Chi, and Qigong Use Among US Adults, 2002–2017

Health Care Facilities/Services, Epidemiology, Exercise/Physical Activity,

Health Promotion

Claudia (Chunyun) Wang, Kaigang Li, Arkopal Choudhury and Susan Gaylord

American Journal of Public Health: 109(5), pp. 755–761

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(657 KB\)](#) | [PDF Plus \(688 KB\)](#) | [Supplemental Material](#)

SCREENING

Association of State Dense Breast Notification Laws With Supplemental Testing and Cancer Detection After Screening Mammography

Chronic Disease, Cancer, Screening, Health Policy

Susan H. Busch, Jessica R. Hoag, Jenerius A. Aminawung, Xiao Xu, Ilana B. Richman, Pamela R. Soulos, Kelly A. Kyanko and Cary P. Gross

American Journal of Public Health: 109(5), pp. 762–767

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(682 KB\)](#) | [PDF Plus \(712 KB\)](#) | [Supplemental Material](#)

AUSTERITY POLICIES

Austerity Policies and Mortality Rates in European Countries, 2011–2015

Public Health Practice, Health Policy

Luis Rajmil and María-José Fernández de Sanmamed

American Journal of Public Health: 109(5), pp. 768–770

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(647 KB\)](#) | [PDF Plus \(658 KB\)](#) | [Supplemental Material](#)

CIGARETTES

Rural–Urban Differences in the Decline of Adolescent Cigarette Smoking

Substance Use, Tobacco, Rural Health, Smoking Cessation, Tobacco Control, Urban Health, Child and Adolescent Health, Adolescent Health, Health Policy

Erika C. Ziller, Jennifer Dunbar Lenardson, Nathan C. Paluso, Jean A. Talbot and Angela Daley

American Journal of Public Health: 109(5), pp. 771–773

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(679 KB\)](#) | [PDF Plus \(686 KB\)](#)

DESPAIR

The Depths of Despair Among US Adults Entering Midlife

Other Race/Ethnicity, Mental Health, Socioeconomic Factors, Epidemiology, Race/Ethnicity

Lauren Gaydos, Robert A. Hummer, Taylor W. Hargrove, Carolyn T. Halpern,

Jon M. Hussey, Eric A. Whitsel, Nancy Dole and Kathleen Mullan Harris

American Journal of Public Health: 109(5), pp. 774–780

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(717 KB\)](#) | [PDF Plus \(742 KB\)](#) | [Supplemental Material](#)

SCHOOL MEALS

Planning for Food Access During Emergencies: Missed Meals in Philadelphia

Environment, Nutrition/Food, Climate Change, Urban Health, Socioeconomic Factors, Community Health

Eliza Whiteman Kinsey, Jason Hammer, Roxanne Dupuis, Rachel Feuerstein-Simon and Carolyn C. Cannuscio

American Journal of Public Health: 109(5), pp. 781–783

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(662 KB\)](#) | [PDF Plus \(668 KB\)](#) | [Supplemental Material](#)

OPIOIDS

US Emergency Department Visits for Acute Harms From Prescription Opioid Use, 2016–2017

Substance Use, Drugs, Prevention, Epidemiology, Statistics/Evaluation/Research, Injury/Emergency Care/Violence, Surveillance

Maribeth C. Lovegrove, Deborah Dowell, Andrew I. Geller, Sandra K. Goring, Kathleen O. Rose, Nina J. Weidle and Daniel S. Budnitz

American Journal of Public Health: 109(5), pp. 784–791

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(824 KB\)](#) | [PDF Plus \(852 KB\)](#) | [Supplemental Material](#)

SEX WORKERS

Third Parties (Venue Owners, Managers, Security, etc.) and Access to Occupational Health and Safety Among Sex Workers in a Canadian Setting: 2010–2016

HIV/AIDS, Human Rights, Immigration, Occupational Health, Women's Health

Bronwyn McBride, Shira M. Goldenberg, Alka Murphy, Sherry Wu, Melissa Braschel, Andrea Krüsi and Kate Shannon

American Journal of Public Health: 109(5), pp. 792–798

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(663 KB\)](#) | [PDF Plus \(686 KB\)](#)

PRISONS

Pregnancy Outcomes in US Prisons, 2016–2017

Pregnancy, Other Maternal and Infant Health, Epidemiology, Maternal and Infant Health, Birth Outcomes

Carolyn Sufrin, Lauren Beal, Jennifer Clarke, Rachel Jones and William D. Mosher

American Journal of Public Health: 109(5), pp. 799–805

[Abstract](#) | [Full Text](#) | [References](#) | [PDF \(836 KB\)](#) | [PDF Plus \(853 KB\)](#) | [Supplemental Material](#)

OTHER DEPARTMENTS

Marketplace

American Journal of Public Health: 109(5), pp. 806–806

[Citation](#) | [Full Text](#) | [PDF \(379 KB\)](#) | [PDF Plus \(380 KB\)](#)

Career Opportunities

American Journal of Public Health: 109(5), pp. 807–808

[Citation](#) | [Full Text](#) | [PDF \(1131 KB\)](#) | [PDF Plus \(428 KB\)](#)

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Table of Contents

May/June 2019; 17 (3)

Editorials

In This Issue: Changing Prescriptions for Change

Ann Fam Med May/June 2019 17:194-195; doi:10.1370/afm.2398

» [Full Text](#) » [Full Text \(PDF\)](#)

Steven H. Woolf

Necessary But Not Sufficient: Why Health Care Alone Cannot Improve Population Health and Reduce Health Inequities

Ann Fam Med May/June 2019 17:196-199; doi:10.1370/afm.2395

» [Full Text](#) » [Full Text \(PDF\)](#)

Original Research

Sebastian T. Tong, Camille J. Hochheimer, E. Marshall Brooks, Roy T. Sabo, Vivian Jiang, Teresa Day, Julia S. Rozman, Paulette Lail Kashiri, and Alex H. Krist

Chronic Opioid Prescribing in Primary Care: Factors and Perspectives

Ann Fam Med May/June 2019 17:200-206; doi:10.1370/afm.2357

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [In Brief](#)

Lisa Clemans-Cope, Victoria Lynch, Marni Epstein, and Genevieve M. Kenney

Opioid and Substance Use Disorder and Receipt of Treatment Among Parents Living With Children in the United States, 2015–2017

Ann Fam Med May/June 2019 17:207-211; doi:10.1370/afm.2389

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [In Brief](#)

Lewei (Allison) Lin and Hannah K. Knudsen

Comparing Buprenorphine–Prescribing Physicians Across Nonmetropolitan and Metropolitan Areas in the United States

Ann Fam Med May/June 2019 17:212-220; doi:10.1370/afm.2384

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [Supplemental data: Appendixes](#) » [In Brief](#)

Rebecca S. Etz, Stephen J. Zyzanski, Martha M. Gonzalez, Sarah R. Reves, Jonathan P. O'Neal, and Kurt C. Stange

A New Comprehensive Measure of High-Value Aspects of Primary Care

Ann Fam Med May/June 2019 17:221-230; doi:10.1370/afm.2393

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [Figures Only](#) » [Supplemental data: Appendix](#) » [In Brief](#)

Michael Moore, Beth Stuart, Mark Lown, Ann Van den Bruel, Sue Smith, Kyle Knox, Matthew J. Thompson, and Paul Little

AIC Predictors of Adverse Outcomes in Uncomplicated Lower Respiratory Tract Infections

Ann Fam Med May/June 2019 17:231-238; doi:10.1370/afm.2386

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [Supplemental data: Appendix](#) » [In Brief](#) » [Journal Club](#)

Annegret Schneider, Christie Cabral, Natalie Herd, Alastair Hay, Joanna May Kesten, Emma Anderson, Isabel Lane, Charles Beck, and Susan Michie

« Previous

This Issue

May/June 2019; 17 (3)

» [Index By Author](#)
» [Front Cover \(PDF\)](#)
» [Back Cover \(PDF\)](#)

» [In Brief](#)

[Editorials](#)

[Original Research](#)

[Theory](#)

[Systematic Reviews](#)

[Special Reports](#)

[Innovations in Primary Care](#)

[Departments](#)

[Annals Journal Club](#)

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Reducing Primary Care Attendance Intentions for Pediatric Respiratory Tract Infections

Ann Fam Med May/June 2019 17:239-249; doi:10.1370/afm.2392

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [Figures Only](#) » [Supplemental data: Appendixes 1-4](#) » [In Brief](#)

 Theory

William L. Miller, Ellen B. Rubinstein, Jenna Howard, and Benjamin F. Crabtree
Shifting Implementation Science Theory to Empower Primary Care Practices

Ann Fam Med May/June 2019 17:250-256; doi:10.1370/afm.2353

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [Figures Only](#) » [Supplemental data: Appendixes](#) » [In Brief](#)

 Systematic Reviews

Tau Ming Liew, Cia Sin Lee, Kuan Liang Goh Shawn, and Zi Ying Chang
Potentially Inappropriate Prescribing Among Older Persons: A Meta-Analysis of Observational Studies

Ann Fam Med May/June 2019 17:257-266; doi:10.1370/afm.2373

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [Figures Only](#) » [Supplemental data: Appendix](#) » [In Brief](#)

 Special Reports

Robert M. Kaplan and Arnold Milstein
Contributions of Health Care to Longevity: A Review of 4 Estimation Methods

Ann Fam Med May/June 2019 17:267-272; doi:10.1370/afm.2362

» [Abstract](#) » [Full Text](#) » [Full Text \(PDF\)](#) » [In Brief](#)

 Innovations in Primary Care

Megan R. Mahoney and Steven M. Asch
Humanwide: A Comprehensive Data Base for Precision Health in Primary Care

Ann Fam Med May/June 2019 17:273; doi:10.1370/afm.2342

» [Full Text](#) » [Full Text \(PDF\)](#) » [Supplemental data: Appendix](#)

Sarah R. Reves, Jonathan P. O'Neal, Martha M. Gonzalez, Chantal McHenry, Molly Favour, and Rebecca S. Etz
A 60-Second Survey to Identify Patients' Unmet Social Needs

Ann Fam Med May/June 2019 17:274; doi:10.1370/afm.2391

» [Full Text](#) » [Full Text \(PDF\)](#) » [Supplemental data: Appendix](#)

Sarah Ricketts, Tram N. B. Nguyen, and Varsha Narasimhan
Screening for Depression in Pregnancy—There's an App for That!

Ann Fam Med May/June 2019 17:275; doi:10.1370/afm.2388

» [Full Text](#) » [Full Text \(PDF\)](#) » [Supplemental data: Appendix](#)

 Departments

Zsolt Nagykaldi, Melinda M. Davis, Paula Darby Lipman, Leanora Dluzak, and Jill Haught, On behalf of the ICPF Steering Committee
From the North American Primary Care Research Group:
SECOND INTERNATIONAL CONFERENCE ON PRACTICE FACILITATION (ICPF) FOCUSES ON BUILDING CAPACITY

Ann Fam Med May/June 2019 17:276-277; doi:10.1370/afm.2404

» [Full Text](#) » [Full Text \(PDF\)](#)

Curtis Galke and Deborah S. Clements
From the Association of Family Medicine Residency Directors:
25 X 2030: ANTICIPATING THE IMPACT
Ann Fam Med May/June 2019 17:277-278; doi:10.1370/afm.2402
[»Full Text](#) [»Full Text \(PDF\)](#)

Sheri Porter
From the American Academy of Family Physicians:
2019 NRMP MATCH MARKS DECADE OF GROWTH FOR FAMILY MEDICINE
Ann Fam Med May/June 2019 17:278-279; doi:10.1370/afm.2396
[»Full Text](#) [»Full Text \(PDF\)](#)

Warren P. Newton and Elizabeth Baxley
From the American Board of Family Medicine:
NUMBERS MATTER
Ann Fam Med May/June 2019 17:280-282; doi:10.1370/afm.2346
[»Full Text](#) [»Full Text \(PDF\)](#)

Traci Brazelton
From the Society of Teachers of Family Medicine:
STFM FOUNDATION GIVES GRANTS TO 3 STFM COLLABORATIVES
Ann Fam Med May/June 2019 17:282-283; doi:10.1370/afm.2397
[»Full Text](#) [»Full Text \(PDF\)](#)

Amanda Weidner, Steven Zweig, Tochi Iroku-Malize, Christine Arenson,
and Ardis Davis
From the Association of Departments of Family Medicine:
REBUILDING AFTER THE FLOOD: HIGHLIGHTS FROM THE 2019 ADFM
WINTER MEETING
Ann Fam Med May/June 2019 17:283-284
[»Full Text](#) [»Full Text \(PDF\)](#)

 Annals Journal Club

 Spencer S. Conte and Michael E. Johansen
Predicting Adverse Outcomes in Lower Respiratory Tract Infections
Ann Fam Med May/June 2019 17:iii; doi:10.1370/afm.2400
[»Full Text](#) [»Full Text \(PDF\)](#)



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2019 21 May V170, Issue 10

[TABLE OF CONTENTS](#)

21 May 2019 Vol: 170, Issue 10

[ALERTS](#)

[RSS](#)

[AUDIO](#)

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ORIGINAL RESEARCH

[Relationship Between Poor Olfaction and Mortality Among Community-Dwelling Older Adults: A Cohort Study](#)



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[At First Glance](#)



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[Lunch](#)



AUDIO

View: [Full Text](#) | [Abstract/Excerpt](#)

LETTERS

[Katayama Syndrome Without *Schistosoma mansoni* Eggs](#)

Marijke C.C. Langenberg, MD; Marie-Astrid Hoogerwerf, MD; Jacqueline J. Janse, MSc; Lisette van Lieshout, PhD; Paul L.A.M. Corstjens, PhD; Meta Roestenberg, MD, PhD; on behalf of the CoHSI clinical trial team



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From Colorectal Cancer Screening Guidelines to Headlines: Beware!

Sudha Xirasagar, MBBS, PhD; Piet C. de Groen, MD



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Michael Bretthauer, MD, PhD; Mette Kalager, MD, PhD; David S. Weinberg, MD, MSc



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Tomas Ganz, PhD, MD; Peter Ganz, MD



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Hyoscyamine for a Slow Ventricular Response During Atrial Fibrillation

Neelesh Gupta, MD



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Scott A. Helgeson, MD; Edson J. Mwakyanjala, MD; Pragnesh P. Parikh, MD; K.L. Venkatachalam, MD



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Influence of Varying Quantitative Fecal Immunochemical Test

Positivity Thresholds on Colorectal Cancer Detection

Umair Masood, MD; Amit Singh Dhamoon, MD, PhD;
Uma Murthy, MD



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Kevin Selby, MD, MAS; Theodore R. Levin, MD; Douglas
A. Corley, MD, PhD



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Relationship of Interleukin-1 β Blockade With Incident Gout and
Serum Uric Acid Levels

Naomi Schlesinger, MD



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A Student Reflection on Doctoring With Confidence

Richard L. Kravitz, MD



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John E. Coda, BS



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Juan N. Lessing, MD; Mary E. Lacy, MD



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Nicole Treadway, BA



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2015 to 2065

Richard J. Rosen, MD



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2019

7 May V170, Supplement

[TABLE OF CONTENTS](#)

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7 May 2019 Vol: 170, Issue
9_Supplement

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2019

7 May V170, Issue 9

[TABLE OF CONTENTS](#)

7 May 2019 Vol: 170, Issue 9

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[RSS](#)

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[EXPANDED VIEW](#)

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Lianping Ti, PhD; Seonaid Nolan, MD



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Shoshana J. Herzig, MD, MPH



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MAY 2019 Vol. 51 No. 5

—FROM THE EDITOR—

Stewardship

John Saultz, MD

—ORIGINAL ARTICLES—

Opportunities and Barriers for Family Physician Contribution to the Maternity Care Workforce

Tyler W. Barreto, MD | Aimee Eden, PhD, MPH | Elizabeth Rose Hansen, BA | Lars E. Peterson, MD, PhD

Community Preceptor Perspectives on Recruitment and Retention: The CoPPRR Study

Suzanne Minor, MD | Miranda Huffman, MD, MEd | Peter R. Lewis, MD | Amanda Kost, MD, MEd | Jacob Prunuske, MD, MSPH

Temporal Trends in Medical Student Burnout

Maggie W. Hansell, MD | Ross M. Ungerleider, MD, MBA | Courtney A. Brooks, BA | Mark P. Knudson, MD, MSPH | Julianne K. Kirk, PharmD | Jamie D. Ungerleider, PhD, MA, LCSW

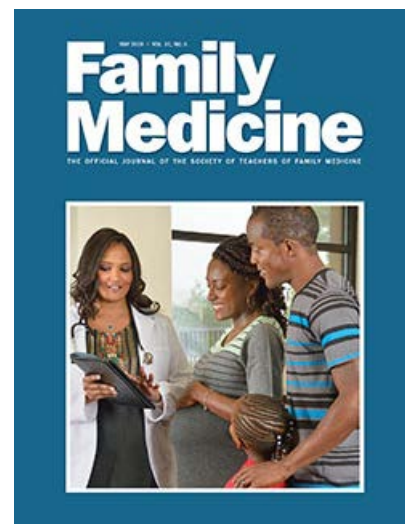
How Much Do Family Medicine Residency Programs Spend on Resident Recruitment? A CERA Study

Kari Nilsen, PhD | Paul Callaway, MD | Julie P. Phillips, MD, MPH | Anne Walling, MB, ChB

The Emergence of Family Medicine Identity Among First-Year Residents: A Qualitative Study

Susan E. Hansen, MA | Susan S. Mathieu, MD | Nyann Biery, MS | Julie Dostal, MD

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Anjali B. Thakkar, MD, MBA | Pooja Chandrashekar, BA | Wei Wang, PhD |
Bonnie B. Blanchfield, ScD, CPA, MS

Family Medicine Residents' Attitudes About Training in Ethiopia and the United States

Weyinshet Gossa, MD, MPH | Christine Jones, MD | Sorana Raiculescu, MSc |
Mesfin Melaku | Elnathan Kebebew, MD | Meseret Zerihun, MD | Michael D.
Fetters, MD, MPH, MA

A Comparison of Rural and Academic Training Environments for Third-Year Medical Students on a Family Medicine Rotation

Treah Haggerty, MD, MS | Heather Hanks, BS | Jun Xiang, MS | Kendra
Unger, MD | Geri Dino, PhD

Teaching Opioid Tapering Through Guided Instruction

Rebecca Claire Austin, PharmD, CPP | Carriedelle Wilson Fusco, NP | E.
Blake Fagan, MD | Evan Drake, PharmD, CPP | Josh Pacious, MD | Hallum
Dickens, MD | Shelley L. Galvin, MA | Courtenay Gilmore Wilson, PharmD,
CDE, BCACP, BCPS, CPP

—NARRATIVE ESSAYS—

Chaos Outside, Kindness Inside: On Lockdown During Hurricane Florence

Toren Davis, DO

On the Other Side of the Fence: A Busy Clinician Learning to Be a Researcher

Shamita Misra, MD | Jane A. McElroy, PhD | Michael C. Hosokawa, EdD

Silent Circus

Julie P. Phillips, MD, MPH

—LETTERS TO THE EDITOR—

“Family Medicine’s Task in Population Health: Defining It and Owning It” Begins With the Community

Lloyd Michener, MD | Don Bradley, MD, MHS-CL | Viviana Martinez-Bianchi,
MD | Kathryn M. Andolsek, MD, MPH

Family Medicine and Social Determinants

Doug Campos-Outcalt, MD, MPA | Ronald Pust, MD

Response to “Family Medicine’s Task in Population Health: Defining It and Owning It’ Begins With the Community” and “Family Medicine and Social Determinants”

Joyce Hollander-Rodriguez, MD | Jennifer E. DeVoe, MD, DPhil

Reply to “Supporting Family Physician Maternity Care Providers”

Jessica Taylor Goldstein, MD | Scott G. Hartman, MD | Matthew R. Meunier, MD | Bethany Panchal, MD | Christine Chang Pecci, MD | Nancy M. Zink, MD | Sara G. Shields, MD, MS

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Joseph E. Scherger, MD, MPH

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Hugh Silk, MD, MPH

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[PDF](#)

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First published: 08 May 2019

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DEBATE COMMENTARY [Free Access](#)

Response to “The effects of global budget payments on hospital utilization in rural Maryland”

Eric T. Roberts

Health Services Research | Volume 54, Issue 3

First published: 08 May 2019

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RESEARCH ARTICLE [Free Access](#)

The effects of global budget payments on hospital utilization in rural Maryland

Nicolae Done , Bradley Herring , Tim Xu

Health Services Research | Volume 54, Issue 3

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Correction to “Alive or dead: Validity of the Social Security Administration Death Master File after 2011”

Health Services Research | Volume 54, Issue 3

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May 28, 2019, Vol 321, No. 20, Pages 1953-2040

In This Issue of JAMA

Highlights

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

  JAMA. 2019;321(20):1953-1955. doi:10.1001/jama.2018.15344

 **Audio Summary:** Novel Sepsis Phenotypes, Effect of Thrombomodulin on Mortality in Sepsis-Associated Coagulopathy, Effect of Laparoscopic vs Open Distal Gastrectomy on Survival in Gastric Cancer, and more

Original Investigation

Effect of Laparoscopic vs Open Distal Gastrectomy on 3-Year Disease-Free Survival in Patients With Locally Advanced Gastric Cancer: The CLASS-01 Randomized Clinical Trial

Jiang Yu, MD; Changming Huang, MD; Yihong Sun, MD; et al.

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

 JAMA. 2019;321(20):1983-1992. doi:10.1001/jama.2019.5359

This randomized noninferiority trial compares the effect of laparoscopic distal gastrectomy with open distal gastrectomy for locally advanced gastric cancer.

Caring for the Critically Ill Patient

Effect of a Recombinant Human Soluble Thrombomodulin on Mortality in Patients With Sepsis-Associated

Coagulopathy: The SCARLET Randomized Clinical Trial

Jean-Louis Vincent, MD, PhD; Bruno Francois, MD; Igor Zabolotskikh, MD, PhD; et al.

Abstract | **Full Text**

JAMA. 2019;321(20):1993-2002. doi:10.1001/jama.2019.5358

This randomized trial compares the effect of recombinant human soluble thrombomodulin vs placebo in patients with sepsis-associated coagulopathy on 28-day all-cause mortality.

Editorial

Recombinant Human Soluble Thrombomodulin in Patients With Sepsis-Associated Coagulopathy: Another Negative Sepsis Trial?

Tom van der Poll, MD, PhD

Caring for the Critically Ill Patient

Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis

Christopher W. Seymour, MD, MSc; Jason N. Kennedy, MS; Shu Wang, MS; et al.

Abstract | **Full Text**

☐ JAMA. 2019;321(20):2003-2017. doi:10.1001/jama.2019.5791

In this study, Sepsis-3 investigators use electronic health record and trial data from patients with sepsis within 6 hours of hospital presentation to define clinical phenotypes that correlate with host-response patterns, sepsis biomarkers, mortality, and treatment effects.

Editorial

New Phenotypes for Sepsis: The Promise and Problem of Applying Machine Learning and Artificial Intelligence in Clinical Research

William A. Knaus, MD; Richard D. Marks, JD

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Research Letter

Specialty Drug Pricing and Out-of-Pocket Spending on Orally Administered Anticancer Drugs in Medicare Part D, 2010 to 2019

Stacie B. Dusetzina, PhD; Haiden A. Huskamp, PhD; Nancy L. Keating, MD, MPH

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

JAMA. 2019;321(20):2025-2027. doi:10.1001/jama.2019.4492

This study describes point-of-sale prices for orally administered anticancer drugs offered through Medicare Part D and out-of-pocket changes in spending as a result of decreasing coinsurance and price changes between 2010 and 2019.

Penalties and Rewards for Safety Net vs Non–Safety Net Hospitals in the First 2 Years of the Comprehensive Care for Joint Replacement Model

Caroline P. Thirukumaran, MBBS, MHA, PhD; Laurent G. Glance, MD; Xueya Cai, PhD; et al.

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

JAMA. 2019;321(20):2027-2030. doi:10.1001/jama.2019.5118

This study compared monetary penalties and rewards among safety net vs non–safety net hospitals under Medicare’s Comprehensive Care for Joint Replacement (CJR) model, a bundled payment plan for hip and knee replacements intended to incentivize health care quality and savings, in 2016 and 2017.

Viewpoint

Treatment of Patients With Psychogenic Nonepileptic Attacks

Benjamin Tolchin, MD, MS; Steve Martino, PhD; Lawrence J. Hirsch, MD

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

 [JAMA. 2019;321\(20\):1967-1968. doi:10.1001/jama.2019.3520](#)

This Viewpoint describes the neurological disorder known as psychogenic nonepileptic attacks (PNEA)—including the symptoms, appropriate diagnostic testing, and treatment with cognitive behavioral therapy—and how it can be distinguished from epilepsy to avoid treating patients with PNEA with potentially harmful epileptic medications or surgery.

 **Audio Interview:** [Treatment of Patients With Psychogenic Nonepileptic Attacks](#)

Safe Vaccinations for a Healthy Nation: Increasing US Vaccine Coverage Through Law, Science, and Communication

Lawrence O. Gostin, JD; Scott C. Ratzan, MD, MPA, MA; Barry R. Bloom, PhD

Abstract | **Full Text**

[JAMA. 2019;321\(20\):1969-1970. doi:10.1001/jama.2019.4270](#)

This Viewpoint discusses public distrust of vaccinations fueled by false information on vaccine safety spread through social media, and discusses the ways in which physicians, public health authorities, states, and social media platforms can help curb the spread of misinformation and instead provide information on the safety and importance of vaccines.

Is It Time for Safeguards in the Adoption of Robotic Surgery?

Kyle H. Sheetz, MD, MSc; Justin B. Dimick, MD, MPH

Abstract | **Full Text**

[JAMA. 2019;321\(20\):1971-1972. doi:10.1001/jama.2019.3736](#)

This Viewpoint discusses the increasing use of robotic-assisted surgery and the issues, including potential harm, surgeon credentialing, and transparency in informed patient consent, that should be considered by payers, health care organizations, and surgeons to ensure that safeguards remain in place until stronger evidence for or against the use of this technology is available.

Health Concerns in Urban Slums: A Glimpse of Things to Come?

Allen G. P. Ross, MD, PhD, DSc, FRCP(Edin), FRCPPath, FACTM; Khalequ Zaman, MBBS, PhD; John D. Clemens, MD

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

JAMA. 2019;321(20):1973-1974. doi:10.1001/jama.2019.3774

In this Viewpoint, authors from the International Center for Diarrheal Disease Research in Bangladesh discuss rapid urbanization in low- and middle-income countries and the associated challenges of meeting the basic health care needs of growing urban slum populations.

Serving Individuals and Populations Within Integrated Health Systems: A Bridge Too Far?

Hamilton Moses III, MD; David H. M. Matheson, JD, MBA; George Poste, DVM, PhD, FRS

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

JAMA. 2019;321(20):1975-1976. doi:10.1001/jama.2019.2929

This Viewpoint discusses the realities that keep integrated health systems (IHSs) from providing a full range of patient care services from primary through quaternary care, and outlines strategic considerations important for IHS stakeholders to account for if they are to effectively serve their patient communities in a shifting technological and regulatory environment.

A Piece of My Mind

Metronome

Sara R. Zaidi, MD

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

☐ *JAMA*. 2019;321(20):1977. doi:10.1001/jama.2019.6511

In this narrative medicine essay, the tension stirred when a barista urges a homeless man out of an upscale coffee shop reminds an emergency department physician to consider the daily or weekly life cycles of homeless men and women who seek shelter and care in emergency departments.

Editorial

Recombinant Human Soluble Thrombomodulin in Patients With Sepsis-Associated Coagulopathy: Another Negative Sepsis Trial?

Tom van der Poll, MD, PhD

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

JAMA. 2019;321(20):1978-1980. doi:10.1001/jama.2019.5792

New Phenotypes for Sepsis: The Promise and Problem of Applying Machine Learning and Artificial Intelligence in Clinical Research

William A. Knaus, MD; Richard D. Marks, JD

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

JAMA. 2019;321(20):1981-1982. doi:10.1001/jama.2019.5794

JAMA Insights

Women's Health

Cervical Cancer Screening: More Choices in 2019

George F. Sawaya, MD; Karen Smith-McCune, MD, PhD; Miriam Kuppermann, PhD, MPH

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

☐ *JAMA*. 2019;321(20):2018-2019. doi:10.1001/jama.2019.4595

This JAMA Clinical Insights review summarizes recent cervical cancer screening guidelines from the

USPSTF, ACOG, and ACS, and proposes an algorithm for responding to abnormal screening results in women at average risk in age group 25 to 29 and older than 30.



Clinical Review Audio: Cervical Cancer Screening

Editorial

Screening for Cervical Cancer: New Tools and New Opportunities

Lee A. Learman, MD, PhD; Francisco A. R. Garcia, MD, MPH

Cervical Cancer Screening—Moving From the Value of Evidence to the Evidence of Value

George F. Sawaya, MD

Clinical Update

Active Surveillance of Low-Risk Thyroid Cancer

Kyle A. Zanoeco, MD, MS; Jerome M. Hershman, MD, MS; Angela M. Leung, MD, MSc

Abstract | **Full Text**

JAMA. 2019;321(20):2020-2021. doi:10.1001/jama.2019.5350

This JAMA Insights Clinical Update reviews use of active ultrasonography surveillance of patients with thyroid cancer as a way to postpone or avoid thyroidectomy in patients with lower-risk tumors for whom surgery is more likely to be harmful than beneficial.

JAMA Clinical Guidelines Synopsis

Colorectal Cancer Screening

Nina Gupta, MD; Sonia S. Kupfer, MD; Andrew M. Davis, MD, MPH

Abstract | **Full Text**

JAMA. 2019;321(20):2022-2023. doi:10.1001/jama.2019.4842

This JAMA Clinical Guidelines Synopsis summarizes the 2017 US Multi-Society Task Force on Colorectal Cancer recommendations for colorectal cancer screening.

Medical News & Perspectives

Study Puts Eggs and Dietary Cholesterol Back on the Radar

Jennifer Abbasi

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

 JAMA. 2019;321(20):1959-1961. doi:10.1001/jama.2019.4165

This Medical News article is a discussion with the author of a recent study in *JAMA* that looked at the association of dietary cholesterol with cardiovascular disease.

 **Audio:** Study Puts Eggs and Dietary Cholesterol Back on the Radar

Editorial

Reconsidering the Importance of the Association of Egg Consumption and Dietary Cholesterol With Cardiovascular Disease Risk

Robert H. Eckel, MD

 **Audio:** Study Puts Eggs and Dietary Cholesterol Back on the Radar

Quick Uptakes

Nearly All Medications Contain Potentially Allergenic Inactive Ingredients, Analysis Shows

Rebecca Voelker, MSJ

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

 JAMA. 2019;321(20):1961-1962. doi:10.1001/jama.2019.4667

This Quick Uptakes article explains that some inactive ingredients in medications can cause adverse events.

 **Audio:** JAMA Medical News Summary (May 2019): High Fiber Diet Benefits, Arts and Medical Education, Skipping Breakfast, Wilderness Medicine, Eggs and CVD, and more

The JAMA Forum

Practical Steps to Make Health Care Better

David M. Cutler, PhD

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

☐ JAMA. 2019;321(20):1962-1963. doi:10.1001/jama.2019.5985

News From the Centers for Disease Control and Prevention

Office-Related COPD

Bridget Kuehn, MSJ

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

☐ JAMA. 2019;321(20):1966. doi:10.1001/jama.2019.5702

Kratom-Related Deaths

Bridget Kuehn, MSJ

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

☐ JAMA. 2019;321(20):1966. doi:10.1001/jama.2019.6339

Clinical Trials Update

TAVR vs Surgery in Low-Risk Patients

Anita Slomski, MA

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

☐ JAMA. 2019;321(20):1965. doi:10.1001/jama.2019.5992

Persistent Hashimoto Symptoms Abate With Thyroidectomy

Anita Slomski, MA

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

☐ JAMA. 2019;321(20):1965. doi:10.1001/jama.2019.6676

CBT for Body Dysmorphic Disorder

Anita Slomski, MA

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

☐ JAMA. 2019;321(20):1965. doi:10.1001/jama.2019.6679

More Folic Acid for Pregnant Smokers

Anita Slomski, MA

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

☐ JAMA. 2019;321(20):1965. doi:10.1001/jama.2019.6681

Health Agencies Update

Scientists Restore Some Functions in Slaughtered Pig Brains

Rita Rubin, MA

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

☐ JAMA. 2019;321(20):1964. doi:10.1001/jama.2019.5996

Studies Needed to Determine Costs of Untreated Behavioral Conditions

Rita Rubin, MA

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

☐ *JAMA*. 2019;321(20):1964. doi:10.1001/jama.2019.6672

Medicare Advantage Expands Telehealth Services

Rita Rubin, MA

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

☐ *JAMA*. 2019;321(20):1964. doi:10.1001/jama.2019.6674

Poetry and Medicine

Drift

Malini M. Gandhi, BS

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

☐ *JAMA*. 2019;321(20):2036. doi:10.1001/jama.2019.2486

JAMA Revisited

Science and Surgery

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

☐ *JAMA*. 2019;321(20):2037. doi:10.1001/jama.2018.15352

JAMA Patient Page

Enteral Nutrition

Ioana Baiu, MD, MPH; David A. Spain, MD

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

☐ *JAMA*. 2019;321(20):2040. doi:10.1001/jama.2019.4407

This JAMA Patient Page describes use of enteral nutrition for short-term and long-term health conditions.

Comment & Response

Aircraft Cabin Hypoxia and Adverse Medical Events

Thomas G. Smith, MBBS, DPhil, FRCA, FAsMA; Nick P. Talbot, BM, BCh, MA, DPhil, MRCP

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

JAMA. 2019;321(20):2030. doi:10.1001/jama.2019.2369

Aircraft Cabin Hypoxia and Adverse Medical Events—Reply

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

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

JAMA. 2019;321(20):2030-2031. doi:10.1001/jama.2019.2373

Approach to Evaluation of Multiple Liver Lesions

James H. Ellis, MD

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

JAMA. 2019;321(20):2031. doi:10.1001/jama.2019.2728

Approach to Evaluation of Multiple Liver Lesions—Reply

Adam Mikolajczyk, MD; Lindsay Yassan, MD; Anjana Pillai, MD

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

JAMA. 2019;321(20):2031-2032. doi:10.1001/jama.2019.2732

Fibrinolytic Therapy to Reduce Microvascular Obstruction After Myocardial Infarction

Murat Sezer, MD; Sabahattin Umman, MD

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

JAMA. 2019;321(20):2032. doi:10.1001/jama.2019.2776

Fibrinolytic Therapy to Reduce Microvascular Obstruction After Myocardial Infarction

Mohammad Alkhalil, MRCP, DPhil

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

JAMA. 2019;321(20):2032-2033. doi:10.1001/jama.2019.2780

Fibrinolytic Therapy to Reduce Microvascular Obstruction After Myocardial Infarction—Reply

Colin Berry, PhD; Peter J. McCartney, MBChB; Annette M. Maznyczka, MBChB; et al.

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

JAMA. 2019;321(20):2033-2034. doi:10.1001/jama.2019.2784

JAMA Masthead

JAMA

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

☐ JAMA. 2019;321(20):1957-1958. doi:10.1001/jama.2018.15345



Get the latest from JAMA



May 21, 2019, Vol 321, No. 19, Pages 1847-1946

In This Issue of JAMA

Highlights

Abstract | **Full Text**

  JAMA. 2019;321(19):1847-1849. doi:10.1001/jama.2018.15333

 **Audio Summary:** VEGF Inhibitor vs Laser Treatment vs Observation for DME, Lipid Trends in US Children and Adolescents, Metformin Use for Diabetes, and more

Original Investigation

Effect of Initial Management With Aflibercept vs Laser Photocoagulation vs Observation on Vision Loss Among Patients With Diabetic Macular Edema Involving the Center of the Macula and Good Visual Acuity: A Randomized Clinical Trial

Carl W. Baker, MD; Adam R. Glassman, MS; Wesley T. Beaulieu, PhD; et al.

Abstract | **Full Text**

JAMA. 2019;321(19):1880-1894. doi:10.1001/jama.2019.5790

This randomized clinical trial compares the effects of initial management with aflibercept, laser photocoagulation, or observation on vision loss among adults with diabetic macular edema in the center of the macula and good visual acuity at baseline.

Editorial

Patients With Good Vision and Diabetic Macular Edema Involving the Center of the Macula: To Treat or Not to Treat?

Emily Y. Chew, MD

Trends in Levels of Lipids and Apolipoprotein B in US Youths Aged 6 to 19 Years, 1999-2016

Amanda M. Perak, MD, MS; Hongyan Ning, MD, MS; Brian K. Kit, MD, MPH; et al.

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

JAMA. 2019;321(19):1895-1905. doi:10.1001/jama.2019.4984

This national survey study uses National Health and Nutrition Examination Survey data from 1999-2016 to characterize trends in levels of lipids and apolipoprotein B in US youths aged 6 to 19 years.

Association of Changes in Air Quality With Incident Asthma in Children in California, 1993-2014

Erika Garcia, PhD; Kiros T. Berhane, PhD; Talat Islam, PhD; et al.

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

☐ JAMA. 2019;321(19):1906-1915. doi:10.1001/jama.2019.5357

This study uses Southern California Children's Health Study data to examine associations between changes in regional air pollution (ozone, nitrogen dioxide, and particulate matter <10 μm and <2.5 μm) and changes in childhood asthma incidence across 3 child cohorts.

Editorial

Air Pollution Exposure and Asthma Incidence in Children: Demonstrating the Value of Air Quality Standards

George D. Thurston, ScD; Mary B. Rice, MD, MPH

Association of Household Income With Life Expectancy and Cause-Specific Mortality in Norway, 2005-2015

Jonas Minet Kinge, PhD; Jørgen Heibø Modalsli, PhD; Simon Øverland, PhD; et al.

Abstract | Full Text

 JAMA. 2019;321(19):1916-1925. doi:10.1001/jama.2019.4329

This population epidemiology study uses Norwegian registry data to describe differences in life expectancy based on income and to compare those differences to income and life expectancy differences in the United States.

Editorial

Life and Death in Norway and the United States

David M. Cutler, PhD



Audio Interview: Life and Death in Norway and the US

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Research Letter

Trends in Incidence and Stage at Diagnosis of Colorectal Cancer in Adults Aged 40 Through 49 Years, 1975-2015

Reinier G. S. Meester, PhD; Ajitha Mannalithara, PhD; Iris Lansdorp-Vogelaar, PhD; et al.

Abstract | Full Text

JAMA. 2019;321(19):1933-1934. doi:10.1001/jama.2019.3076

This cancer epidemiology study uses SEER program data to describe trends in stage of incident colorectal cancer in adults aged 40-49 years between 1975 and 2015 to understand if apparent increases in incidence are due to earlier detection or true increases in risk.

Viewpoint

Counteracting Health Misinformation: A Role for Medical Journals?

Paul W. Armstrong, MD; C. David Naylor, MD, DPhil

Abstract | Full Text

JAMA. 2019;321(19):1863-1864. doi:10.1001/jama.2019.5168

This Viewpoint discusses the rising tide of medical misinformation and its adverse effects on global health, and suggests ways in which medical journals can collaborate with health professionals, organizations, institutions, and mainstream media to counteract such misinformation.

Measuring What Matters in Diabetes

Rene Rodriguez-Gutierrez, MD, MSc; Rozalina G. McCoy, MD, MS

Abstract | Full Text

JAMA. 2019;321(19):1865-1866. doi:10.1001/jama.2019.4310

This Viewpoint discusses the inadequacy of hemoglobin A_{1c} levels as a marker of effects of treatment on clinically important diabetes outcomes, and argues for replacing it with measures of treatment effects important to patients and their caregivers, such as hyperglycemia and hypoglycemia, vision deterioration, neuropathy and ulceration, diabetes distress, and treatment-related financial hardship.

Resurgence in Diabetes-Related Complications

Edward W. Gregg, PhD; Israel Hora, PhD; Stephen R. Benoit, MD

Abstract | Full Text

JAMA. 2019;321(19):1867-1868. doi:10.1001/jama.2019.3471

In this Viewpoint, CDC authors discuss possible mechanisms behind apparent increases in lower-extremity amputations, hyperglycemic emergencies, and heart disease among patients with diabetes between 2010 and 2015, including a changing profile of the population of new diabetes cases, stagnation in preventive care, insurance factors discouraging access, or broader economic factors that may adversely influence vulnerable populations.

Direct-to-Consumer Genetic Testing and Potential

Loopholes in Protecting Consumer Privacy and Nondiscrimination

Rachele M. Hendricks-Sturup, DHSc, MSc, MA; Anya E. R. Prince, JD, MPP; Christine Y. Lu, PhD, MSc

Abstract | **Full Text**

JAMA. 2019;321(19):1869-1870. doi:10.1001/jama.2019.3384

This Viewpoint discusses privacy and discrimination issues raised when direct-to-consumer (DTC) genetic testing companies give law enforcement agencies access to their data, and gaps in nondiscrimination and HIPAA regulations protecting consumers of DTC genetic testing more generally.

A Piece of My Mind

Systole and Diastole, Strength and Openness

Colleen M. Farrell, MD

Abstract | **Full Text**

☐ JAMA. 2019;321(19):1871-1872. doi:10.1001/jama.2019.5650

In this narrative medicine essay, a physician finds in the motion of diastole, the process of letting go and filling up, an apt metaphor for how to handle the burnout, anxiety, and depression of medical training.

Editorial

Patients With Good Vision and Diabetic Macular Edema Involving the Center of the Macula: To Treat or Not to Treat?

Emily Y. Chew, MD

Abstract | **Full Text**

JAMA. 2019;321(19):1873-1875. doi:10.1001/jama.2019.5793

Air Pollution Exposure and Asthma Incidence in Children: Demonstrating the Value of Air Quality Standards

George D. Thurston, ScD; Mary B. Rice, MD, MPH

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

JAMA. 2019;321(19):1875-1877. doi:10.1001/jama.2019.5343

Life and Death in Norway and the United States

David M. Cutler, PhD

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

☐ JAMA. 2019;321(19):1877-1879. doi:10.1001/jama.2019.4891

☐ **Audio Interview:** Life and Death in Norway and the US

JAMA Insights

Clinical Update

Metformin in 2019

James Flory, MD, MSCE; Kasia Lipska, MD, MHS

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

JAMA. 2019;321(19):1926-1927. doi:10.1001/jama.2019.3805

This JAMA Insights Clinical Update reviews the clinical use, safety, contraindications, and alternatives to metformin, the first-line treatment for type 2 diabetes.

JAMA Clinical Guidelines Synopsis

Diagnosis and Management of Thyroid Disease During Pregnancy and the Postpartum Period

Laura T. Dickens, MD; Adam S. Cifu, MD; Ronald N. Cohen, MD

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

JAMA. 2019;321(19):1928-1929. doi:10.1001/jama.2019.5321

This JAMA Guidelines Synopsis summarizes the 2017 American Thyroid Association guidelines on diagnosis and management of thyroid disease during pregnancy and the postpartum period.

JAMA Clinical Challenge

Fever, Rash, and Migratory Polyarthralgias

David C. Gaston, MD, PhD; David R. Peaper, MD, PhD; Sonali D. Advani, MBBS, MPH

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

☐ JAMA. 2019;321(19):1930-1931. doi:10.1001/jama.2019.4799

A 24-year-old farmworker had 3 weeks of persistent fever and worsening polyarthralgias, and maculopapular truncal rash that spread to her palms and soles. Results of laboratory tests were normal except for a mildly elevated WBC count and a blood culture gram stain showing filamentous gram-negative rods. What would you do next?

Medical News & Perspectives

Does Skipping Breakfast Lead to Weight Loss or Weight Gain?

Rita Rubin, MA

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

JAMA. 2019;321(19):1857-1858. doi:10.1001/jama.2019.2927

This Medical News story discusses the debate over whether skipping breakfast helps or hinders weight management efforts.

Editorial

Offering Breakfast in the Classroom and Children's Weight Outcomes

Erika R. Cheng, PhD, MPA; Aaron E. Carroll, MD, MS

A Day in the Life: Adventures of a Wilderness Medicine Physician

Dara Grennan, MD

Abstract | **Full Text**

JAMA. 2019;321(19):1858-1859. doi:10.1001/jama.2019.2950

This Medical News story describes a day in the life of a wilderness medicine physician.

News From the Food and Drug Administration

Two-Drug Regimen for HIV

Feyza Sancar, PhD

Abstract | **Full Text**

☐ JAMA. 2019;321(19):1862. doi:10.1001/jama.2019.6188

Precision Approach to Bladder Cancer

Feyza Sancar, PhD

Abstract | **Full Text**

☐ JAMA. 2019;321(19):1862. doi:10.1001/jama.2019.5751

Caution With New Osteoporosis Drug

Feyza Sancar, PhD

Abstract | **Full Text**

☐ JAMA. 2019;321(19):1862. doi:10.1001/jama.2019.6189

Global Health

Huge Swath of North Korea Faces the Threat of Hunger

M.J. Friedrich

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

☐ JAMA. 2019;321(19):1861. doi:10.1001/jama.2019.5310

Water and Sanitation Deficits Take a Toll in Armed Conflict Regions

M.J. Friedrich

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

☐ JAMA. 2019;321(19):1861. doi:10.1001/jama.2019.6186

Sky-High Mortality Rates From Cesarean Delivery in Africa

M.J. Friedrich

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

☐ JAMA. 2019;321(19):1861. doi:10.1001/jama.2019.6187

Poetry and Medicine

One Syllable

Julie Dunlop

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

☐ JAMA. 2019;321(19):1940. doi:10.1001/jama.2019.2238

JAMA Revisited

Minor Comments

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

☐ JAMA. 2019;321(19):1941. doi:10.1001/jama.2018.15341

JAMA Patient Page

Epiglottitis

Ioana Baiu, MD, MPH; Elliot Melendez, MD

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

☐ JAMA. 2019;321(19):1946. doi:10.1001/jama.2019.3468

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

Comment & Response

Meta-analysis of Opioids for Chronic Pain

Winfried Häuser, MD; Thomas Tölle, MD; Andrew Moore, DSc

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

JAMA. 2019;321(19):1934-1935. doi:10.1001/jama.2019.2177

Meta-analysis of Opioids for Chronic Pain

David C. Hoaglin, PhD

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

JAMA. 2019;321(19):1935-1936. doi:10.1001/jama.2019.2181

Meta-analysis of Opioids for Chronic Pain—Reply

Jason W. Busse, DC, PhD; Li Wang, PhD; Gordon H. Guyatt, MD, MSc

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

JAMA. 2019;321(19):1936. doi:10.1001/jama.2019.2185

Self-medication as Part of Self-management Plans for Patients With COPD

Claudia Steurer-Stey, MD

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

JAMA. 2019;321(19):1937. doi:10.1001/jama.2019.2048

Self-medication as Part of Self-management Plans for Patients With COPD—Reply

Hanan Aboumatar, MD, MPH; Robert A. Wise, MD

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

JAMA. 2019;321(19):1937. doi:10.1001/jama.2019.2076

Need for Randomized Trials to Support Procedural Interventions

Sweekriti Sharma, MA, MPH; Adrian C. Traeger, PhD; Ian Harris, PhD

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

JAMA. 2019;321(19):1937-1938. doi:10.1001/jama.2019.2032

Need for Randomized Trials to Support Procedural Interventions

Brian Dewar, MLIS; Michel Shamy, MD, MA, FRCPC

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

JAMA. 2019;321(19):1938. doi:10.1001/jama.2019.2036

Need for Randomized Trials to Support Procedural Interventions—Reply

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

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

JAMA. 2019;321(19):1939. doi:10.1001/jama.2019.2084

Correction

Incorrect Mean Historical Deaths in Table Estimating Deaths Following Hurricane Maria

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

☐ JAMA. 2019;321(19):1939. doi:10.1001/jama.2019.6001

JAMA Masthead

JAMA

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

☐ JAMA. 2019;321(19):1851-1852. doi:10.1001/jama.2018.15334



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May 14, 2019, Vol 321, No. 18, Pages 1741-1836

In This Issue of JAMA

Highlights

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

  JAMA. 2019;321(18):1741-1743. doi:10.1001/jama.2018.15322

 **Audio Summary:** OSA and Postop CV Events, EHR Open Record Restrictions and Wrong-Patient Errors, Management of Preexisting Diabetes in Pregnancy, and more

Original Investigation

Effect of Restriction of the Number of Concurrently Open Records in an Electronic Health Record on Wrong-Patient Order Errors: A Randomized Clinical Trial

Jason S. Adelman, MD, MS; Jo R. Applebaum, MPH; Clyde B. Schechter, MD, MA; et al.

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

 JAMA. 2019;321(18):1780-1787. doi:10.1001/jama.2019.3698

This randomized trial compares the risk of wrong-patient orders in an electronic health record (EHR) configuration allowing 1 vs up to 4 concurrently open patient records.

Editorial

Restricting the Number of Open Patient Records in the Electronic Health Record: Is the Record Half Open or Half Closed?

Robert M. Wachter, MD; Sara G. Murray, MD, MAS; Julia Adler-Milstein, PhD

 **Audio Interview:** Restricting the Number of Open Patient Records in the Electronic Health Record

Association of Unrecognized Obstructive Sleep Apnea With Postoperative Cardiovascular Events in Patients Undergoing Major Noncardiac Surgery

Matthew T. V. Chan, MBBS, PhD; Chew Yin Wang, MBChB; Edwin Seet, MBBS, MMed; et al.

Abstract | **Full Text**

   JAMA. 2019;321(18):1788-1798. doi:10.1001/jama.2019.4783

This cohort study assesses the association between unrecognized obstructive sleep apnea (OSA) and 30-day risk of cardiovascular complications (myocardial injury, cardiac death, heart failure, thromboembolism, atrial fibrillation, and stroke) among adults undergoing major noncardiac surgery.

Editorial

Unrecognized Obstructive Sleep Apnea and Postoperative Cardiovascular Complications: A Wake-up Call

Dennis Auckley, MD; Stavros Memtsoudis, MD, PhD, MBA

Association of a Beverage Tax on Sugar-Sweetened and Artificially Sweetened Beverages With Changes in Beverage Prices and Sales at Chain Retailers in a Large Urban Setting

Christina A. Roberto, PhD; Hannah G. Lawman, PhD; Michael T. LeVasseur, PhD, MPH; et al.

Abstract | **Full Text**

JAMA. 2019;321(18):1799-1810. doi:10.1001/jama.2019.4249

This study examines prices and sales of sweetened beverages before and after implementation of a excise tax in Philadelphia, intended to reduce unhealthful drink consumption, and compares it with sales in Baltimore, which did not institute the same tax.

Editorial

Sugar-Sweetened Beverage Taxes: Emerging Evidence on a New Public Health Policy

Kristine A. Madsen, MD, MPH; James Krieger, MD, MPH; Xavier Morales, PhD, MRP

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Research Letter

Postpublication Metrics of Randomized Clinical Trials With and Without Null Findings

Stuart B. Murray, PhD; James A. Heathers, PhD; Rebecca M. Schauer, BA; et al.

Abstract | **Full Text**

JAMA. 2019;321(18):1825-1826. doi:10.1001/jama.2019.2994

This study examined the association between RCT findings supporting or rejecting the trials' experimental hypotheses and postpublication metrics reflecting scientific and public interest; namely, citations, Altimetric scores, and views.

Viewpoint

Trust in Health Care

From Distrust to Building Trust in Clinician-Organization Relationships

Mary Jane Kornacki, MS; Jack Silversin, DMD, DrPH; Dave A. Chokshi, MD, MSc

Abstract | **Full Text**

JAMA. 2019;321(18):1761-1762. doi:10.1001/jama.2018.22133

This Viewpoint reviews the sources of distrust between clinicians and the leadership of health systems they practice in, and proposes principles by which trust might be rebuilt, including competent leadership that is visible, available, and responsive; transparency and honesty in communication; and articulation of a shared mission backed by the behavior of leaders at times of stress or crisis.

Editorial

Trust in Health Care

Howard Bauchner, MD

Trust in Health Care

Building Trust Between the Government and Clinicians: Person to Person and Organization to Organization

Peter V. Lee, JD; Donald Berwick, MD; Christine A. Sinsky, MD

Abstract | **Full Text**

JAMA. 2019;321(18):1763-1764. doi:10.1001/jama.2019.4499

As part of a *JAMA* series on reestablishing trust in medicine, Don Berwick and colleagues review the clinical, financial, and emotional costs to physicians of regulatory burdens, and propose ways to better balance audit and trust including requirements for policy makers to experience the daily lives of clinicians, precertification systems that reduce the burden on the majority of trustworthy professionals, and payment reforms that reward value.

Editorial

Trust in Health Care

Howard Bauchner, MD

Long-lasting Consequences of Gun Violence and Mass Shootings

Ali Rowhani-Rahbar, MD, MPH, PhD; Douglas F. Zatzick, MD; Frederick P. Rivara, MD, MPH

Abstract | **Full Text**

JAMA. 2019;321(18):1765-1766. doi:10.1001/jama.2019.5063

In the wake of the suicides of 2 students who survived the 2018 Parkland, Florida, mass shooting, this Viewpoint reviews evidence about the long-term adverse psychological effects of mass shootings on survivors and their families and communities, and proposes that changes in mental health service delivery may be necessary, with the ultimate goal of promoting a sense of safety and of self- and community efficacy, connectedness, and hope over a sustained period for communities exposed to gun violence.

Health Insurance and Mobile Health Devices: Opportunities and Concerns

Inbar Raber, MD; Cian P. McCarthy, MB, BCh, BAO; Robert W. Yeh, MD

Abstract | **Full Text**

JAMA. 2019;321(18):1767-1768. doi:10.1001/jama.2019.3353

This Viewpoint reviews the ways health insurers are incentivizing the purchase of wearable health devices and using them to reward healthy behaviors, and discusses the potential benefits (eg, increased physical activity, improved coordination of care) and adverse consequences (eg, increased health disparities, accuracy and privacy of digital health data) of the trend.

A Piece of My Mind

Listen to Your Heart

Jay R. Kostman, MD

Abstract | **Full Text**

☐ *JAMA*. 2019;321(18):1769-1770. doi:10.1001/jama.2019.5165

In this narrative medicine essay, an infection diseases physician unconvinced of a stroke diagnosis listened to his own heart beat and accurately diagnosed mitral valve prolapse and reminds physicians to consider other possibilities when the symptoms don't line up with the diagnosis.

Editorial

Restricting the Number of Open Patient Records in the Electronic Health Record: Is the Record Half Open or Half Closed?

Robert M. Wachter, MD; Sara G. Murray, MD, MAS; Julia Adler-Milstein, PhD

Abstract | **Full Text**

☐ [JAMA. 2019;321\(18\):1771-1773. doi:10.1001/jama.2019.3835](#)

☐ **Audio Interview:** Restricting the Number of Open Patient Records in the Electronic Health Record

Unrecognized Obstructive Sleep Apnea and Postoperative Cardiovascular Complications: A Wake-up Call

Dennis Auckley, MD; Stavros Memtsoudis, MD, PhD, MBA

Abstract | **Full Text**

[JAMA. 2019;321\(18\):1774-1776. doi:10.1001/jama.2019.4781](#)

Sugar-Sweetened Beverage Taxes: Emerging Evidence on a New Public Health Policy

Kristine A. Madsen, MD, MPH; James Krieger, MD, MPH; Xavier Morales, PhD, MRP

Abstract | **Full Text**

[JAMA. 2019;321\(18\):1777-1779. doi:10.1001/jama.2019.5344](#)

Review

Women's Health

Management of Preexisting Diabetes in Pregnancy: A Review

Anastasia-Stefania Alexopoulos, MBBS; Rachel Blair, MD; Anne L. Peters, MD

Abstract | **Full Text**

☐ [JAMA. 2019;321\(18\):1811-1819. doi:10.1001/jama.2019.4981](#)

This narrative review summarizes the management strategies for diabetes before, during, and after pregnancy, focusing on optimization of glycemic control, nonteratogenic medication regimens, and careful attention to comorbid conditions to mitigate maternal and neonatal risks.

JAMA Insights

Genomics and Precision Health

What Are Polygenic Scores and Why Are They Important?

Leo P. Sugrue, MD, PhD; Rahul S. Desikan, MD, PhD

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

JAMA. 2019;321(18):1820-1821. doi:10.1001/jama.2019.3893

This Genomics and Precision Health article explains the use and interpretation of polygenic risk scores for determining disease risk and emphasizes the gap between widespread availability of direct-to-consumer (DTC) genetic testing and the near absence of evidence validating the scores in clinical populations and demonstrating associations with the ability to improve clinical outcomes via interventions.

JAMA Clinical Guidelines Synopsis

Diagnosis and Management of Crohn Disease

Lauren Feld, MD; Laura R. Glick, BA; Adam S. Cifu, MD

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

JAMA. 2019;321(18):1822-1823. doi:10.1001/jama.2019.3684

This JAMA Clinical Guidelines Synopsis summarizes the 2018 American College of Gastroenterology (ACG) guideline on management of Crohn disease in adults.

Medical News & Perspectives

The Arts Dispel Medical Students' Qualms About Dementia

Rebecca Voelker, MSJ

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

JAMA. 2019;321(18):1754-1756. doi:10.1001/jama.2019.3502

In this Medical News article, experts discuss how various arts program can help medical students see

people with dementia in a positive new light.

Wild Health: Dogs and Bats and Chickens, Oh My!

Rebecca Voelker, MSJ

Abstract | **Full Text**

JAMA. 2019;321(18):1756-1757. doi:10.1001/jama.2019.2026

This Medical News feature explains how 3 disparate types of animals help researchers make medical discoveries.

The JAMA Forum

Democrats Ponder Options: Medicare for All, Medicare for More, or Strengthening the ACA

Gail Wilensky, PhD

Abstract | **Full Text**

☐ JAMA. 2019;321(18):1757-1758. doi:10.1001/jama.2019.5600

News From the Centers for Disease Control and Prevention

TB at Record Low in US

Bridget Kuehn, MSJ

Abstract | **Full Text**

☐ JAMA. 2019;321(18):1760. doi:10.1001/jama.2019.5616

HIV Underdiagnosed

Bridget Kuehn, MSJ

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

☐ JAMA. 2019;321(18):1760. doi:10.1001/jama.2019.4922

Biotech Innovations

AI Identifies Implanted Cardiac Devices

Jennifer Abbasi

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

☐ JAMA. 2019;321(18):1759. doi:10.1001/jama.2019.5805

Novel Nanochip Paves Way for Early Ovarian Cancer Detection

Jennifer Abbasi

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

☐ JAMA. 2019;321(18):1759. doi:10.1001/jama.2019.5460

Off-the-Shelf Bioengineered Blood Vessels Tested in Trials

Jennifer Abbasi

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

☐ JAMA. 2019;321(18):1759. doi:10.1001/jama.2019.5806

Poetry and Medicine

Love Poem Without Wheat

Theresa Burns

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

☐ JAMA. 2019;321(18):1831. doi:10.1001/jama.2019.1553

JAMA Revisited

Narcotic Drug Addiction as Regulated by a State Department of Health

Thomas S. Blair, M.D.

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

☐ JAMA. 2019;321(18):1832. doi:10.1001/jama.2018.15330

JAMA Patient Page

Rib Fractures

Ioana Baiu, MD, MPH; David Spain, MD

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

☐ JAMA. 2019;321(18):1836. doi:10.1001/jama.2019.2313

This JAMA Patient Page describes the symptoms and treatment of rib fractures.

Comment & Response

High-Flow Oxygen Therapy for Respiratory Failure in Immunocompromised Patients

Jean-Pierre Frat, MD; Rémi Coudroy, MD; Arnaud W. Thille, MD, PhD

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

JAMA. 2019;321(18):1826-1827. doi:10.1001/jama.2019.2028

High-Flow Oxygen Therapy for Respiratory Failure in Immunocompromised Patients—Reply

Elie Azoulay, MD, PhD; Sylvie Chevret, MD, PhD; Alexandre Demoule, MD, PhD

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

JAMA. 2019;321(18):1827. doi:10.1001/jama.2019.2064

Acute Kidney Injury Related to Sepsis

David S. Seres, MD, ScM

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

JAMA. 2019;321(18):1827-1828. doi:10.1001/jama.2019.2040

Acute Kidney Injury Related to Sepsis

Mark A. Perazella, MD

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

JAMA. 2019;321(18):1828. doi:10.1001/jama.2019.2044

Acute Kidney Injury Related to Sepsis—Reply

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

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

JAMA. 2019;321(18):1828-1829. doi:10.1001/jama.2019.2072

Patient-Centered Performance Metrics

Pete Yunyongying, MD; Max Rich, PhD; Janet Jokela, MD

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

JAMA. 2019;321(18):1829. doi:10.1001/jama.2019.2056

Patient-Centered Performance Metrics—Reply

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

Abstract | **Full Text**

JAMA. 2019;321(18):1829-1830. doi:10.1001/jama.2019.2080

Correction

Incorrect Values in Flow Diagram

Abstract | **Full Text**

☐ JAMA. 2019;321(18):1830. doi:10.1001/jama.2019.5197

JAMA Masthead

JAMA

Abstract | **Full Text**

☐ JAMA. 2019;321(18):1745-1746. doi:10.1001/jama.2018.15323



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109,630 Views Effect of Sunscreen Application on Plasma Concentration of Active Ingredients



May 7, 2019, Vol 321, No. 17, Pages 1647-1738

In This Issue of JAMA

Highlights

Abstract | **Full Text**

  JAMA. 2019;321(17):1647-1649. doi:10.1001/jama.2018.15311

 **Audio Summary:** Trans-Nasal Cooling for Cardiac Arrest, Pre-FIT Aspirin and CRC Detection, Safety of Acclidinium for COPD, New Women's Health Series, and more

Original Investigation

Caring for the Critically Ill Patient

Effect of Trans-Nasal Evaporative Intra-arrest Cooling on Functional Neurologic Outcome in Out-of-Hospital Cardiac Arrest: The PRINCESS Randomized Clinical Trial

Per Nordberg, MD, PhD; Fabio Silvio Taccone, MD, PhD; Anatolij Truhlar, MD, PhD; et al.

Abstract | **Full Text**

JAMA. 2019;321(17):1677-1685. doi:10.1001/jama.2019.4149

This randomized clinical trial compares the effects of prehospital trans-nasal evaporative intra-arrest cooling vs standard systemic cooling after hospital arrival in the ICU on survival with good neurologic outcome, defined as Cerebral Performance Score of 1-2 at 90 days.

Editorial

Translating Protective Hypothermia During Cardiac Arrest Into Clinical Practice

Karen G. Hirsch, MD; Clifton W. Callaway, MD, PhD

Effect of a Single Aspirin Dose Prior to Fecal Immunochemical Testing on Test Sensitivity for Detecting Advanced Colorectal Neoplasms: A Randomized Clinical Trial

Hermann Brenner, MD, MPH; Silvia Calderazzo, PhD; Thomas Seufferlein, MD; et al.

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

☐ JAMA. 2019;321(17):1686-1692. doi:10.1001/jama.2019.4755

This randomized clinical trial compares the effect of a single oral dose of aspirin vs placebo prior to fecal immunochemical testing (FIT) on test sensitivity for detecting advanced colorectal neoplasms.

Effect of Acclidinium Bromide on Major Cardiovascular Events and Exacerbations in High-Risk Patients With Chronic Obstructive Pulmonary Disease: The ASCENT-COPD Randomized Clinical Trial

Robert A. Wise, MD; Kenneth R. Chapman, MD; Benjamin M. Scirica, MD; et al.

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

☐ JAMA. 2019;321(17):1693-1701. doi:10.1001/jama.2019.4973

This randomized clinical trial compares the effects of the long-acting muscarinic antagonist acclidinium bromide vs placebo on major adverse cardiovascular events and chronic obstructive pulmonary disease (COPD) exacerbations in patients with COPD and increased cardiovascular risk.

Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes

LifeCycle Project-Maternal Obesity and Childhood Outcomes Study Group

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

☐ JAMA. 2019;321(17):1702-1715. doi:10.1001/jama.2019.3820

This meta-analysis uses individual patient-level data from participants in 25 pregnancy and birth cohort studies to examine associations between gestational weight gain ranges and risk of adverse maternal and infant outcomes and to estimate optimal gestational weight gain ranges across prepregnancy weight ranges.

Editor's Note

Prepregnancy Body Mass Index, Weight Gain During Pregnancy, and Health Outcomes

Mary M. McDermott, MD; Linda Brubaker, MD

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Research Letter

Prevalence of Alcoholic Fatty Liver Disease Among Adults in the United States, 2001-2016

Terrence Wong, MD; Katherine Dang, MAS; Sanah Ladhani, MD; et al.

Abstract | **Full Text**

JAMA. 2019;321(17):1723-1725. doi:10.1001/jama.2019.2276

This national survey study uses National Health and Nutrition Examination Survey (NHANES) data to estimate the prevalence of alcoholic fatty liver disease (AFLD) overall and with stage 2 or greater and stage 3 or greater fibrosis among US adults from 2001 to 2016.

Viewpoint

Health Policy

The Implications of “Medicare for All” for US Hospitals

Kevin A. Schulman, MD; Arnold Milstein, MD

Abstract | **Full Text**

 JAMA. 2019;321(17):1661-1662. doi:10.1001/jama.2019.3134

This Viewpoint discusses the interplay between the advancement of a “Medicare-for-all” US health care policy initiative and the current cost margins and management strategies of hospitals, which comprise the largest share of US health care expenditures.

 **Audio Interview:** The Implications of “Medicare for All” for US Hospitals

 **Editorial**

 **US Health Policy—2020 and Beyond: Introducing a New *JAMA* Series**

Karen E. Joynt Maddox, MD, MPH; Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA

Ensuring Equity and Justice in the Care and Outcomes of Patients With Cancer

Blase N. Polite, MD; Abbe R. Gluck, JD; Otis W. Brawley, MD

Abstract | **Full Text**

JAMA. 2019;321(17):1663-1664. doi:10.1001/jama.2019.4266

In this Viewpoint, Otis Brawley and colleagues review evidence of racial disparities in breast, prostate, and colorectal cancer survival, highlight regional programs that reduced the disparities, and call upon policy makers to institute mandates to equalize quality and access to cancer treatment nationwide.

Closing the Gender Wage Gap and Achieving Professional Equity in Medicine

Maryam M. Asgari, MD, MPH; Phyllis L. Carr, MD; Carol K. Bates, MD

Abstract | **Full Text**

JAMA. 2019;321(17):1665-1666. doi:10.1001/jama.2019.4168

This Viewpoint discusses the persistent, widening gender wage gap among physicians and surgeons; describes some of the challenges of assessing wage equity between women and men; and calls for leaders in medicine to address unconscious gender bias, encourage women to enter a wider range of specialties, and increase provision of maternity leave.

Reimagining Health—Flourishing

Tyler J. VanderWeele, PhD; Eileen McNeely, PhD, NP; Howard K. Koh, MD, MPH

Abstract | **Full Text**

JAMA. 2019;321(17):1667-1668. doi:10.1001/jama.2019.3035

This Viewpoint argues that the concept of “flourishing”—a sense of well-being in domains of happiness, mental and physical health, meaning and purpose, character, social relationships, and financial stability—measures health more broadly than existing wellness metrics and should inform clinical and health policy trade-offs and decisions.

A Piece of My Mind

History Taking in the Anatomy Lab

Bethany Kette, BA

Abstract | **Full Text**

JAMA. 2019;321(17):1669. doi:10.1001/jama.2019.4741

This narrative medicine essay describes the obituary writing program at Georgetown Medical School, a writing workshop developed by the student author with the help of a *Washington Post* obituary writer, to reveal the lives of the cadavers they worked on, culminating in obituaries read aloud at the end-of-course celebration to thank families for their loved ones’ gift.

Editorial

US Health Policy—2020 and Beyond: Introducing a New JAMA Series

Karen E. Joynt Maddox, MD, MPH; Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA

Abstract | **Full Text**

☐ JAMA. 2019;321(17):1670-1672. doi:10.1001/jama.2019.3451

Translating Protective Hypothermia During Cardiac Arrest Into Clinical Practice

Karen G. Hirsch, MD; Clifton W. Callaway, MD, PhD

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

JAMA. 2019;321(17):1673-1675. doi:10.1001/jama.2019.4253

Women's Health: A New JAMA Clinical Insights Series

Carolyn J. Crandall, MD, MS; Edward Livingston, MD

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

☐ JAMA. 2019;321(17):1676. doi:10.1001/jama.2019.3957

JAMA Insights

Women's Health

Treatment of Nonmetastatic Breast Cancer

Kathryn J. Ruddy, MD, MPH; Patricia A. Ganz, MD

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

☐ JAMA. 2019;321(17):1716-1717. doi:10.1001/jama.2019.3927

This JAMA Insights: Women's Health review summarizes the current standard of care for the diagnosis and management of nonmetastatic breast cancer by disease subtype and patient characteristics, including surveillance for recurrence after treatment and for long-term adverse treatment effects.

☐ **Clinical Review Audio:** Treating Nonmetastatic Breast Cancer in 2019

Editorial

Women's Health: A New JAMA Clinical Insights Series

Carolyn J. Crandall, MD, MS; Edward Livingston, MD

JAMA Clinical Challenge

Irregular Lipomatous Extremity Tumor

Danielle S. Graham, MD, MBA; Brian E. Kadera, MD; Fritz C. Eilber, MD

Abstract | **Full Text**

☐ JAMA. 2019;321(17):1718-1719. doi:10.1001/jama.2019.3719

A 71-year-old healthy woman has an enlarging, immobile, painless mass in her right gluteal area, with no neurovascular deficits; computed tomography reveals an 11-cm heterogeneous lipomatous tumor involving the right gluteal musculature. What is the diagnosis and what would you do next?

From The Medical Letter on Drugs and Therapeutics

Cardiovascular Benefits of SGLT2 Inhibitors and GLP-1 Receptor Agonists in Type 2 Diabetes

Abstract | **Full Text**

JAMA. 2019;321(17):1720-1721. doi:10.1001/jama.2019.2702

This Medical Letter review summarizes the cardiovascular benefits and adverse effects of sodium-glucose co-transporter 2 (SGLT2) inhibitors (empagliflozin, canagliflozin) and glucagon-like peptide 1 (GLP-1) receptor agonists (liraglutide, semaglutide) in patients with type 2 diabetes at risk for cardiovascular disease.

Editor's Note

Prepregnancy Body Mass Index, Weight Gain During Pregnancy, and Health Outcomes

Mary M. McDermott, MD; Linda Brubaker, MD

Abstract | **Full Text**

☐ JAMA. 2019;321(17):1715. doi:10.1001/jama.2019.3821

Medical News & Perspectives

High-Fiber Diet Might Protect Against Range of Conditions

Rita Rubin, MA

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

JAMA. 2019;321(17):1653-1655. doi:10.1001/jama.2019.2539

This Medical News story discusses the increasing evidence that foods naturally high in fiber reduce the risks of a host of medical conditions.

Quick Uptakes

How Do Multiple Symptoms *Really* Affect Older Adults?

Rebecca Voelker, MSJ

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

JAMA. 2019;321(17):1655-1656. doi:10.1001/jama.2019.1470

This Medical News article offers highlights from a study describing how the burden of multiple symptoms affects older adults' functional abilities.

News From the Food and Drug Administration

Efforts to Improve Mammography Highlight Breast Density

Rebecca Voelker, MSJ

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

JAMA. 2019;321(17):1659. doi:10.1001/jama.2019.5360

New Device for Patients With Heart Failure

Rebecca Voelker, MSJ

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

JAMA. 2019;321(17):1659. doi:10.1001/jama.2019.5022

Caution Accompanies New MS Drug

Rebecca Voelker, MSJ

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

JAMA. 2019;321(17):1659. doi:10.1001/jama.2019.5361

The JAMA Forum

Doing Health Reform Better: Listening to the Public

Andy Slavitt, MBA

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

☐ JAMA. 2019;321(17):1656-1657. doi:10.1001/jama.2019.4342

Bench to Bedside

Fever Induces a Molecular Homing Response in Immune Cells During Infection

Tracy Hampton, PhD

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

JAMA. 2019;321(17):1657-1658. doi:10.1001/jama.2019.4475

Poetry and Medicine

Bouquet

John Patrick Murray, MD

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

JAMA. 2019;321(17):1731. doi:10.1001/jama.2019.1497

JAMA Revisited

To Seek, per *Chance* to Find

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

JAMA. 2019;321(17):1732. doi:10.1001/jama.2018.15319

JAMA Patient Page

Necrotizing Soft Tissue Infections

Ioana Baiu, MD, MPH; Kristan Staudenmayer, MD

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

☐ JAMA. 2019;321(17):1738. doi:10.1001/jama.2019.2007

This JAMA Patient Page describes the symptoms, diagnosis, and treatment of necrotizing soft tissue infections.

Comment & Response

Prophylactic Hypothermia for Severe Traumatic Brain Injury

Nicolas Engrand, MD; Alexandre Pharaboz, MD; Vera Dinkelacker, MD, PhD

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

JAMA. 2019;321(17):1725. doi:10.1001/jama.2019.1534

Prophylactic Hypothermia for Severe Traumatic Brain Injury—Reply

D. James Cooper, MD; Alistair D. Nichol, MB, PhD; Colin McArthur, MB, ChB

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

JAMA. 2019;321(17):1726. doi:10.1001/jama.2019.1538

Racial Disparities in Low-Risk Prostate Cancer

Behfar Ehdaie, MD, MPH; Sigrid Carlsson, MD, PhD, MPH; Andrew Vickers, PhD

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

JAMA. 2019;321(17):1726-1727. doi:10.1001/jama.2019.2060

Racial Disparities in Low-Risk Prostate Cancer—Reply

Brandon A. Mahal, MD; Franklin W. Huang, MD, PhD

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

JAMA. 2019;321(17):1727-1728. doi:10.1001/jama.2019.2088

Transparent Disclosure of Conflicts of Interest

Deepak Agrawal, MD, MPH; Waqas Haque, MPhil

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

JAMA. 2019;321(17):1728. doi:10.1001/jama.2019.1530

Editorial

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

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

Transparent Disclosure of Conflicts Of Interest—Reply

Howard Bauchner, MD

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

JAMA. 2019;321(17):1728-1729. doi:10.1001/jama.2019.1545

Editorial

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

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

Group Purchasing Organizations and Costs

Todd Ebert, RPh

Abstract | Full Text

JAMA. 2019;321(17):1729. doi:10.1001/jama.2019.1099

Group Purchasing Organizations and Costs—Reply

William E. Bruhn; Elizabeth A. Fracica, MD, MPH; Martin A. Makary, MD, MPH

Abstract | Full Text

JAMA. 2019;321(17):1729-1730. doi:10.1001/jama.2019.1103

JAMA Masthead

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☐ JAMA. 2019;321(17):1651-1652. doi:10.1001/jama.2018.15312



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May 2019, Vol 179, No. 5, Pages 601-736

In This Issue of JAMA Internal Medicine

Highlights

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

□ *JAMA Intern Med.* 2019;179(5):601-603. doi:10.1001/jamainternmed.2018.5491

Viewpoint

Less Is More

Precision Preventive Medicine—Ready for Prime Time?

Philip Greenland, MD; Shahzeb Hassan, BA

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

JAMA Intern Med. 2019;179(5):605-606. doi:10.1001/jamainternmed.2019.0142

This Viewpoint discusses the potential overstatement of findings in 2 studies that used predictive risk scores to draw conclusions about precision preventive medicine and suggests that improvements to predictive methods are necessary before being more widely applied.

Physician Work Environment and Well-Being

Physicians' Goodness and Guilt—Emotional Challenges of Practicing Medicine

Lawrence D. Blum, MD

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

JAMA Intern Med. 2019;179(5):607-608. doi:10.1001/jamainternmed.2019.0428

This Viewpoint discusses how physician burnout, depression, and suicide can arise from guilt feelings that physicians have sublimated into their work.

Perspective

Unseen Trauma—Our Responsibility to Discover

Michael B. Foote, MD

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

JAMA Intern Med. 2019;179(5):609. doi:10.1001/jamainternmed.2019.0234

This Perspective describes the physician's role in caring for survivors of domestic abuse.

Firearm Violence

Mass Shootings and the Numbing of America

Eric Fleegler, MD, MPH

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

JAMA Intern Med. 2019;179(5):610-611. doi:10.1001/jamainternmed.2019.0578

This article discusses the high frequency of mass shootings in the United States and outlines potential legislative solutions.

Original Investigation

Patient Outcomes After Hospital Discharge to Home With Home Health Care vs to a Skilled Nursing Facility

Rachel M. Werner, MD, PhD; Norma B. Coe, PhD; Mingyu Qi, MS; et al.

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

JAMA Intern Med. 2019;179(5):617-623. doi:10.1001/jamainternmed.2018.7998

This cohort study uses Medicare claims data to investigate the association of patient outcomes and

Medicare costs of discharge to home with home health care vs discharge to a skilled nursing facility.

Evaluation of Journal Registration Policies and Prospective Registration of Randomized Clinical Trials of Nonregulated Health Care Interventions

Marleine Azar, MSc; Kira E. Riehm, MSc; Nazanin Saadat, BSc; et al.

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

JAMA Intern Med. 2019;179(5):624-632. doi:10.1001/jamainternmed.2018.8009

This study analyzes the prospective registration policies of specialty journals that publish randomized clinical trials of drugs, biologics, and medical devices not regulated by the US Food and Drug Administration.

Association of Daily Aspirin Therapy With Risk of Hepatocellular Carcinoma in Patients With Chronic Hepatitis B

Teng-Yu Lee, MD, MBA, PhD; Yao-Chun Hsu, MD, PhD; Hsiao-Ching Tseng, MBA; et al.

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

JAMA Intern Med. 2019;179(5):633-640. doi:10.1001/jamainternmed.2018.8342

This nationwide cohort study examines the risk of hepatocellular carcinoma in Taiwanese patients with chronic hepatitis B who are receiving daily aspirin therapy.

Estimation of Study Time Reduction Using Surrogate End Points Rather Than Overall Survival in Oncology Clinical Trials

Emerson Y. Chen, MD; Sunil K. Joshi, BA; Audrey Tran, BA; et al.

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

JAMA Intern Med. 2019;179(5):642-647. doi:10.1001/jamainternmed.2018.8351

This study analyzes the original and updated clinical trials that led to FDA-approved drug indications in oncology from 2006 to 2017 to assess reduction in clinical trial duration derived from using surrogate end points of response rate or progression-free survival rather than overall survival as the basis for cancer drug approval.

Less Is More

Evaluation of an Intervention to Reduce Low-Value Preoperative Care for Patients Undergoing Cataract Surgery at a Safety-Net Health System

John N. Mafi, MD, MPH; Patricia Godoy-Travieso, MSN, MHA, RN; Eric Wei, MD; et al.

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

☐ *JAMA Intern Med.* 2019;179(5):648-657. doi:10.1001/jamainternmed.2018.8358

This study assesses the utilization and costs of a multipronged quality improvement initiative to reduce low-value preoperative utilization for patients undergoing cataract surgery at 2 safety-net health systems in California.

Performance of Screening Ultrasonography as an Adjunct to Screening Mammography in Women Across the Spectrum of Breast Cancer Risk

Janie M. Lee, MD, MSc; Robert F. Arao, MPH; Brian L. Sprague, PhD; et al.

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

☐ *JAMA Intern Med.* 2019;179(5):658-667. doi:10.1001/jamainternmed.2018.8372

This cohort study investigates the performance of screening mammography plus screening ultrasonography compared with screening mammography alone among women at low, intermediate, and high risk for breast cancer.

Association of Functional Impairment in Middle Age With Hospitalization, Nursing Home Admission, and Death

Rebecca T. Brown, MD, MPH; L. Grisell Diaz-Ramirez, MS; W. John Boscardin, PhD; et al.

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

JAMA Intern Med. 2019;179(5):668-675. doi:10.1001/jamainternmed.2019.0008

This cohort study uses data from the Health and Retirement Study to determine whether middle-aged individuals who develop functional impairment are at increased risk for hospitalization, nursing home admission, and death.

Clinician-Family Communication About Patients' Values and Preferences in Intensive Care Units

Leslie P. Scheunemann, MD, MPH; Natalie C. Ernecoff, MPH; Praewpannarai Buddadhumaruk, RN, MS; et al.

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

JAMA Intern Med. 2019;179(5):676-684. doi:10.1001/jamainternmed.2019.0027

This secondary analysis of a cohort study examines communications between clinicians and surrogate decision makers on what the surrogates believe reflect the goals of care of critically ill patients.

Health Care Reform

Association Between Insurance Status and Access to Hospital Care in Emergency Department Disposition

Arjun K. Venkatesh, MD, MBA, MHS; Shih-Chuan Chou, MD, MPH; Shu-Xia Li, PhD; et al.

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

JAMA Intern Med. 2019;179(5):686-693. doi:10.1001/jamainternmed.2019.0037

This study analyzes data from the 2015 National Emergency Department Sample for hospital-based emergency department discharges, transfers, and admissions for patients presenting with pneumonia, chronic obstructive pulmonary disease, and asthma.

Editorial

***JAMA Internal Medicine*—The Year in Review, 2018**

Rita F. Redberg, MD, MSc

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

☐ *JAMA Intern Med.* 2019;179(5):612-613. doi:10.1001/jamainternmed.2019.0508

Health Care Policy and Law

The Need to Realign Health System Processes for Patients Discharged From the Hospital—Getting Patients Home

Vincent Mor, PhD

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

JAMA Intern Med. 2019;179(5):614-616. doi:10.1001/jamainternmed.2019.0232

Invited Commentary

Aspirin Use and Risk of Hepatocellular Carcinoma in Hepatitis B

Rena K. Fox, MD; Tamar H. Taddei, MD; David E. Kaplan, MD

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

JAMA Intern Med. 2019;179(5):640-641. doi:10.1001/jamainternmed.2018.8314

Communication About Treatment Options and Shared Decision Making in the Intensive Care Unit

Terri R. Fried, MD

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

JAMA Intern Med. 2019;179(5):684-685. doi:10.1001/jamainternmed.2019.0034

EMTALA—A Noble Policy That Needs Improvement

Mitchell H. Katz, MD; Eric K. Wei, MD, MBA

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

JAMA Intern Med. 2019;179(5):693-694. doi:10.1001/jamainternmed.2019.0026

Editor's Note

Lisa M. Schwartz, MD, MS, 1963-2018

Robert Steinbrook, MD; Rita F. Redberg, MD, MSc

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

JAMA Intern Med. 2019;179(5):709-710. doi:10.1001/jamainternmed.2018.8126

The Case for Implementing the Centers for Medicare & Medicaid Services' Shared Decision-Making Mandate: Where the Rubber Meets the Code

Rita F. Redberg, MD, MSc

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

JAMA Intern Med. 2019;179(5):718-719. doi:10.1001/jamainternmed.2018.6440

This Editor's Note advocates for greater implementation of the shared decision-making visit before lung cancer screening, citing the high percentage of patients who choose not to undergo screening after discussion of benefits vs harms.

Communicating, and Justifying, Nonefficacy Benefits for New Drugs Approved on the Basis of Noninferiority Trials

Joseph S. Ross, MD, MHS; Christina C. Wee, MD, MPH

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

JAMA Intern Med. 2019;179(5):721-722. doi:10.1001/jamainternmed.2018.8019

Special Communication

Less Is More

A Clinical Overview of Off-label Use of Gabapentinoid Drugs

Christopher W. Goodman, MD; Allan S. Brett, MD

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

☐ *JAMA Intern Med.* 2019;179(5):695-701. doi:10.1001/jamainternmed.2019.0086

This Special Communication summarizes the limited published evidence to support off-label gabapentinoid uses, describes clinical cases in which off-label use is problematic, and notes how review articles and guidelines tend to overstate gabapentinoid effectiveness.

☐ [Audio Interview:](#) A Clinical Overview of Off-label Use of Gabapentinoid Drugs

Research Letter

Physicians' Perspectives on FDA Approval Standards and Off-label Drug Marketing

Aaron S. Kesselheim, MD, JD, MPH; Steven Woloshin, MD, MS; Zhigang Lu, MD; et al.

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

JAMA Intern Med. 2019;179(5):707-709. doi:10.1001/jamainternmed.2018.8121

This nationwide survey of US primary care internists and medical specialists evaluates physicians' attitudes about the US Food and Drug Administration's drug approval standards and off-label drug marketing.

[Editor's Note](#)

Lisa M. Schwartz, MD, MS, 1963-2018

Robert Steinbrook, MD; Rita F. Redberg, MD, MSc

Health Care Policy and Law

Prevalence and Severity of Rationing During Drug Shortages: A National Survey of Health System Pharmacists

Andrew Hantel, MD; Mark Siegler, MD; Fay Hlubocky, PhD; et al.

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

JAMA Intern Med. 2019;179(5):710-711. doi:10.1001/jamainternmed.2018.8251

This study examines national survey results from hospital pharmacy managers to investigate current drug allocation and rationing practices of US hospitals during drug shortages.

Quality of Outpatient Care With Internal Medicine Residents vs Attending Physicians in Veterans Affairs Primary Care Clinics

Samuel T. Edwards, MD, MPH; Hyunjee Kim, PhD; Sarah Shull, PhD; et al.

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

JAMA Intern Med. 2019;179(5):711-713. doi:10.1001/jamainternmed.2018.8624

This assessment of common primary care measures from 10 Veterans Affairs clinics from 2014 compares outcomes in patients of resident physicians with patients of attending physicians.

Assessment of Price Changes of Existing Tumor Necrosis Factor Inhibitors After the Market Entry of Competitors

Alvaro San-Juan-Rodriguez, PharmD; Max V. Prokopovich, BS; William H. Shrank, MD, MSHS; et al.

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

JAMA Intern Med. 2019;179(5):713-716. doi:10.1001/jamainternmed.2018.7656

This study uses wholesale medication acquisition costs and Medicare claims data to assess how prices of existing tumor necrosis factor inhibitors changed in response to the market entry of new tumor necrosis factor inhibitors.

Use of the Shared Decision-Making Visit for Lung Cancer Screening Among Medicare Enrollees

James S. Goodwin, MD; Shawn Nishi, MD; Jie Zhou, PhD; et al.

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

JAMA Intern Med. 2019;179(5):716-718. doi:10.1001/jamainternmed.2018.6405

This study analyzes Medicare data from 2015 and 2016 to estimate the percentage of Medicare enrollees who underwent low-dose computed tomographic screening for lung cancer during this period and had participated in a shared decision-making visit to discuss the benefits and risks of the procedure before screening.

Editor's Note

The Case for Implementing the Centers for Medicare & Medicaid Services' Shared Decision-Making Mandate: Where the Rubber Meets the Code

Rita F. Redberg, MD, MSc

Communication of Nonefficacy Benefits of New Drugs Approved on the Basis of Noninferiority Trials Alone: Cohort Study of FDA and Sponsor Communication, 2011-2017

Peter Doshi, PhD; O'Mareen Spence, MPH; Aida Kuzucan, PharmD; et al.

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

JAMA Intern Med. 2019;179(5):719-721. doi:10.1001/jamainternmed.2018.7040

This cohort study of FDA- and drug sponsor-written communications evaluates the communication of nonefficacy benefits of new drugs approved on the basis of noninferiority trials alone.

Editor's Note

Communicating, and Justifying, Nonefficacy Benefits for New Drugs Approved on the Basis of Noninferiority Trials

Joseph S. Ross, MD, MHS; Christina C. Wee, MD, MPH

Frequency of Sale and Reasons for Purchase of Over-the-Counter Insulin in the United States

Jennifer N. Goldstein, MD, MSc; Ronak M. Patel, MD; Khadijah Bland; et al.

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

JAMA Intern Med. 2019;179(5):722-723. doi:10.1001/jamainternmed.2018.7279

This survey study evaluates the frequency of sales of over-the-counter insulin at US pharmacies.

Challenges in Clinical Electrocardiography

Bradycardia-Induced Syncope With a Twist

Thomas Lindow, MD; Olle Pahlm, MD, PhD; Adrian Baranchuk, MD, PhD

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

JAMA Intern Med. 2019;179(5):702-703. doi:10.1001/jamainternmed.2019.0104

This case report presents the electrocardiographic findings of a man who noted a low pulse when checking his blood pressure and had no symptoms of bradycardia, such as dizziness, syncope, or fatigue.

A Nearly Stressful Situation—A Case of Wellens Syndrome

Daniel Yazdi, MD, MSc; Justin Sharim, MD

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

JAMA Intern Med. 2019;179(5):704-706. doi:10.1001/jamainternmed.2019.0216

This case report presents the electrocardiographic findings of a man in his 70s with Wellens syndrome.

Comment & Response

High-Quality Food Combined With Organic Food Consumption and the Risk of Cancer

Ian Jun Yan Wee; Nicholas Li-Xun Syn

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

JAMA Intern Med. 2019;179(5):723. doi:10.1001/jamainternmed.2019.0110

Finding the Magic in Magic Mouthwash

David L. Sherr, MD, MSc

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JAMA Intern Med. 2019;179(5):723-724. doi:10.1001/jamainternmed.2019.0267

Finding the Magic in Magic Mouthwash

Yubin Cao, MD; Chunjie Li, PhD, MD, DDS; Longjiang Li, PhD, MD, DDS

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JAMA Intern Med. 2019;179(5):724. doi:10.1001/jamainternmed.2019.0288

Less Is More

Finding the Magic in Magic Mouthwash—Reply

Angad S. Uberoi, MD; Timothy J. Brown, MD; Arjun Gupta, MD

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

JAMA Intern Med. 2019;179(5):724-725. doi:10.1001/jamainternmed.2019.0291

Clinical Interpretation of High-Sensitivity Troponin Testing

Giuseppe Lippi, MD; Gianfranco Cervellin, MD

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

JAMA Intern Med. 2019;179(5):725-726. doi:10.1001/jamainternmed.2019.0371

Clinical Interpretation of High-Sensitivity Troponin Testing —Reply

Daniel J. Morgan, MD, MS; Sanket S. Dhruva, MD, MHS; Deborah Korenstein, MD

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

JAMA Intern Med. 2019;179(5):726. doi:10.1001/jamainternmed.2019.0374

Revisiting Results on Use of Inferior Vena Cava Filters in Older Adults

Paul D. Stein, MD; Fadi Matta, MD; Mary J. Hughes, DO

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

JAMA Intern Med. 2019;179(5):726-727. doi:10.1001/jamainternmed.2019.0468

Revisiting Results on Use of Inferior Vena Cava Filters in Older Adults—Reply

Behnood Bikdeli, MD; Yun Wang, PhD; Harlan M. Krumholz, MD, SM

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

JAMA Intern Med. 2019;179(5):727-728. doi:10.1001/jamainternmed.2019.0465

Comparison of Scheduled vs Emergency-Only Dialysis in Undocumented Immigrants With End-stage Renal Disease

Raphael Godefroy, MD; Sandrine Loubière, PhD; Thomas Robert, MD

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

JAMA Intern Med. 2019;179(5):728. doi:10.1001/jamainternmed.2019.0540

Comparison of Scheduled vs Emergency-Only Dialysis in Undocumented Immigrants With End-stage Renal Disease—Reply

Oanh Kieu Nguyen, MD, MAS; Anil N. Makam, MD, MAS

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

JAMA Intern Med. 2019;179(5):728-729. doi:10.1001/jamainternmed.2019.0537

Analyze Patient Tests for Importance Before Ordering

Steven H. Horowitz, MD

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

JAMA Intern Med. 2019;179(5):729. doi:10.1001/jamainternmed.2018.8333

Analyze Patient Tests for Importance Before Ordering

Rachna Rawal, MD; Fred R. Buckhold III, MD; Jennifer M. Schmidt, MD, FACP

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

JAMA Intern Med. 2019;179(5):729-730. doi:10.1001/jamainternmed.2018.8369

Analyze Patient Tests for Importance Before Ordering—Reply

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

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

JAMA Intern Med. 2019;179(5):730-731. doi:10.1001/jamainternmed.2018.8336

Artificial Intelligence Algorithms for Medical Prediction Should Be Nonproprietary and Readily Available

Ben Van Calster, PhD; Ewout W. Steyerberg, PhD; Gary S. Collins, PhD

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

JAMA Intern Med. 2019;179(5):731. doi:10.1001/jamainternmed.2019.0597

Health Care Reform

Artificial Intelligence Algorithms for Medical Prediction Should Be Nonproprietary and Readily Available—Reply

Fei Wang, PhD; Lawrence Peter Casalino, MD; Dhruv Khullar, MD

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

JAMA Intern Med. 2019;179(5):731-732. doi:10.1001/jamainternmed.2019.0609

Teaching High-Value Care Through Conscious Ordering of Diagnostic Tests

Kapil Bhatia, MD; Eric Y. Chang, MD; Temidayo Abe, MD

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

JAMA Intern Med. 2019;179(5):732. doi:10.1001/jamainternmed.2019.0017

Less Is More

Teaching High-Value Care Through Conscious Ordering of Diagnostic Tests—Reply

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

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

JAMA Intern Med. 2019;179(5):732-733. doi:10.1001/jamainternmed.2019.0459

Correction

Error in Key Points

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

☐ *JAMA Intern Med.* 2019;179(5):733. doi:10.1001/jamainternmed.2019.0618

Typographical Error in Table 3

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

☐ *JAMA Intern Med.* 2019;179(5):733. doi:10.1001/jamainternmed.2019.1275

Error in Table 2

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☐ *JAMA Intern Med.* 2019;179(5):733. doi:10.1001/jamainternmed.2019.1493

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JAMA Intern Med. 2019;179(5):706. doi:10.1001/jamainternmed.2019.0415

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

☐ ☐ *JAMA Intern Med.* 2019;179(5):e190115. doi:10.1001/jamainternmed.2019.0115

JAMA Internal Medicine Patient Page

I Have Arthritis of the Knees: What Should I Do?

Michael A. Incze, MD, MEd

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☐ JAMA Intern Med. 2019;179(5):736. doi:10.1001/jamainternmed.2018.8478

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☐ JAMA Intern Med. 2019;179(5):604. doi:10.1001/jamainternmed.2018.5492



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Physical Inactivity among Diabetic Patients in Urban Tamilnadu: A Community-Based Study

Gracy Paulin and Rama Subramanian

Research Article: J Community Med Health Educ 9:
649

DOI: [10.4172/2161-0711.1000649](https://doi.org/10.4172/2161-0711.1000649)



Epidemiology of Urinary Schistosomiasis among Secondary School Students in Kaduna State, Nigeria

*Adamu AM, Dzikwi AA, Akefe OI, Alimi YA, Adikwu
AA, Idoko SI, Kore M, Okita AO, Yikawe SS, Bello
SG, Lamai RS and Kolo RL*

Research Article: J Community Med Health Educ 9:
650

DOI: [10.4172/2161-0711.1000650](https://doi.org/10.4172/2161-0711.1000650)



Optimizing Selection of Candidates for Lung Cancer Screening: Impact of Comorbidity, Frailty and Life Expectancy

Dejana Braithwaite and Shailesh Advani

Short Communication: J Community Med Health Educ 9: 651

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Knowledge and Acceptance of HIV/AIDS and Voluntary Counseling and Testing among Secondary School Students in Orlu, Imo State, Nigeria

Vincent CCN, Ajero CMU, Vincent CH and Vincent CL

Research Article: J Community Med Health Educ 9: 652

DOI: [10.4172/2161-0711.1000652](https://doi.org/10.4172/2161-0711.1000652)



Risk Factors of Poor Mental Health Outcomes When Studying Abroad: A Retrospective Cohort Study at a Japanese University

Yu Sakagami and Jiro Takeuchi

Research Article: J Community Med Health Educ 9: 653

DOI: [10.4172/2161-0711.1000653](https://doi.org/10.4172/2161-0711.1000653)



Effectiveness of Planned Eye Health Education Programme to Create Awareness and Practice Regarding Vitamin A Intake among Caregiver and Their Children in Sunsari District of Nepal

Anwar A, Singh SK and Thakur SK

Research Article: J Community Med Health Educ 9: 654

DOI: 10.4172/2161-0711.1000654



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Volume 34, Issue 5, May 2019

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In this issue (26 articles)

Page 2 of

EditorialNotes

Transformation and Innovation at the Nexus of Health Systems and Medical Education

Jeffrey S. LaRochelle MD, MPH, Eva Aagaard MD

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Pages 645-646

EditorialNotes

Trust as a Scaffold for Competency-Based Medical Education

Eric Young MD, D. Michael Elnicki MD

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Pages 647-648

Editorial

Let's Face It: We Are Biased, and It Should Not Be That Way

Paul A. Hemmer MD, MPH, Reena Karani MD, MHPE

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Pages 649-651

Editorial

Tackling Some Wicked Problems in Medical Education

Gerald D. Denton MD, MPH, Klara K. Papp PhD

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Pages 652-653

Editorial

Exploring the Intersections of Education and Healthcare Delivery Using a Clinical Learning Environment Framework

Bridget C. O'Brien PhD, Darcy A. Reed MD MPH

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Pages 654-656

Editorial

Beyond Bagels and Yoga: Early Detection and Containment in the Burnout Epidemic



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Donna M. Windish MD, MPH, Shalini Reddy MD, MHPE

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Pages 657-658

Concise Research Reports

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Pages 659-661

Original Research

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Pages 662-668

Original Research

[Clerkship Grading Committees: the Impact of Group Decision-Making for Clerkship Grading](#)

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Pages 669-676

OriginalPaper

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Pages 677-683

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Pages 684-691

OriginalPaper

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Pages 692-698

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Pages 705-711

Review Paper

[Gender Bias in Resident Assessment in Graduate Medical Education: Review of the Literature](#)

Robin Klein MD MEHP, Katherine A. Julian MD...

» [Download PDF](#) (284KB)

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Pages 712-719

ReviewPaper

[Teaching the Social Determinants of Health in Undergraduate Medical Education: a Scoping Review](#)

Ashti Doobay-Persaud MD, Mark D. Adler MD...

» [Download PDF](#) (1014KB)

» [View Article](#)

Pages 720-730

Review Paper

[The Impact of Block Ambulatory Scheduling on Internal Medicine Residencies: a Systematic Review](#)

Ami L. DeWaters MD, MSCS, Hilda Loria MD...

» [Download PDF](#) (391KB)

» [View Article](#)

Pages 731-739

Perspective

[Entrustment Ratings in Internal Medicine Training: Capturing Meaningful Supervision Decisions or Just Another Rating?](#)

Rose Hatala MD, MSc, Shiphra Ginsburg MD, PhD...

» [Download PDF](#) (343KB)

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Pages 740-743

OriginalPaper

[Feedback Redefined: Principles and Practice](#)

Subha Ramani MBBS, PhD, FAMEE, Karen D. Könings PhD...

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Pages 744-749

Perspective

[Developing a Professional Identity as a Change Agent Early in Medical School: the Students' Voice](#)

Catherine McDermott BA, Kaitlyn Shank BS...

» [Download PDF](#) (338KB)

» [View Article](#)

Pages 750-753

Journal of General Internal Medicine
All Volumes & Issues

Volume 34, Issue 5, May 2019

ISSN: 0884-8734 (Print) 1525-1497 (Online)

In this issue (26 articles)



Page

of



2

OriginalPaper

[Triaging Inpatient Admissions: an Opportunity for Resident Education](#)

Emily S. Wang MD, Sadie Trammell Velásquez MD...

» [Download PDF](#) (2109KB)

» [View Article](#)

Pages 754-757

Perspective

[Legitimizing Continuous Quality Improvement \(CQI\): Navigating Rationality in Undergraduate Medical Education](#)

Terry D. Stratton PhD

» [Download PDF](#) (374KB)

» [View Article](#)

Pages 758-761

Healing Arts

[Vigil](#)

Jason D. Young BS

» [Download PDF](#) (113KB)

» [View Article](#)

Pages 762-763

Innovation and Improvement: Innovations in Medical Education

[Use of Simulated Patient Encounters to Teach Residents to Respond to Patients Who Discriminate Against Health Care Workers](#)

Ellen H. Eisenberg MD, Kelly A. Kieffer MD, MS

» [Download PDF](#) (382KB)

» [View Article](#)

Pages 764-768

Innovation and Improvement: Innovations in Medical Education

[Learning Together: Integration of Advanced Practice Providers into a General Medicine Ward Team](#)

Emily Gottenborg MD, Julia Limes MD, Adam Olson PA...

» [Download PDF](#) (388KB)

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Pages 769-772



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Innovation and Improvement: Innovations in Medical Education

“I Cannot Take This Any More!”: Preparing Interns to Identify and Help a Struggling Colleague

Sondra Zabar MD, Kathleen Hanley MD...

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Pages 773-777

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Volume 34, Issue 1 Supplement, May 2019

ISSN: 0884-8734 (Print) 1525-1497 (Online)

In this issue (15 articles)

Editorial

Improving Care Coordination for Veterans Within VA and Across Healthcare Systems

Kristina M. Cordasco MD, MPH, MSHS...

» [Download PDF](#) (162KB)

» [View Article](#)

Pages 1-3

Editorial

Standardizing Care Coordination Within the Department of Veterans Affairs

Clinton L. Greenstone MD...

» [Download PDF](#) (138KB)

» [View Article](#)

Pages 4-6

Editorial

Strengthening Patient-Centered Care in the VHA: A Relational Model of Change

Jody Hoffer Gittel MA, PhD...

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» [View Article](#)

Pages 7-10

Perspective

Coordinating Care Across VA Providers and Settings: Policy and Research Recommendations from VA's State of the Art Conference

Kristina M. Cordasco MD, MPH, MSHS...

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» [View Article](#)

Pages 11-17

Perspective

Recommendations for the Evaluation of Cross-System Care Coordination from the VA State-of-the-art Working Group on VA/Non-VA Care



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Medicine](#) 

Kristin M. Mattocks PhD, MPH...

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Pages 18-23

Perspective

[Incorporating Theory into Practice: Reconceptualizing Exemplary Care Coordination Initiatives from the US Veterans Health Delivery System](#)

Kathryn M. McDonald MM, PhD...

» [Download PDF](#) (214KB)

» [View Article](#)

Pages 24-29

Original Research

[Organizational Coordination and Patient Experiences of Specialty Care Integration](#)

David C. Mohr PhD, Justin K. Benzer PhD...

» [Download PDF](#) (265KB)

» [View Article](#)

Pages 30-36

Original Research

[VA Provider Perspectives on Coordinating COPD Care Across Health Systems](#)

Seppo T. Rinne MD PhD, Kirsten Resnick MS...

» [Download PDF](#) (200KB)

» [View Article](#)

Pages 37-42

Original Paper

[Survey of Patient-Centered Coordination of Care for Diabetes with Cardiovascular and Mental Health Comorbidities in the Department of Veterans Affairs](#)

Justin K. Benzer PhD, Sara J. Singer MBA, PhD...

» [Download PDF](#) (342KB)

» [View Article](#)

Pages 43-49

Original Research

[Understanding Maternity Care Coordination for Women Veterans Using an Integrated Care Model Approach](#)

Kristin M. Mattocks PhD, MPH...

» [Download PDF](#) (214KB)

» [View Article](#)

Pages 50-57

Original Research

[Operationalizing an Implementation Framework to Disseminate a Care Coordination Program for Rural Veterans](#)

Chelsea Leonard PhD, Heather Gilmartin PhD, NP...

» [Download PDF](#) (247KB)

» [View Article](#)

Pages 58-66

Original Research

[Practical Use of Process Mapping to Guide Implementation of a Care Coordination Program for Rural Veterans](#)

Marina S. McCreight MPH...

» [Download PDF](#) (705KB)

» [View Article](#)

Pages 67-74

Original Research

[Effects of Intensive Primary Care on High-Need Patient Experiences: Survey Findings from a Veterans Affairs Randomized Quality Improvement Trial](#)

Donna M. Zulman MD, MS, Evelyn T. Chang MD, MSHS...

» [Download PDF](#) (418KB)

» [View Article](#)

Pages 75-81

Original Research

[Staff Perspectives on Primary Care Teams as De Facto “Hubs” for Care Coordination in VA: a Qualitative Study](#)

Tanya T. Olmos-Ochoa PhD, MPH, Purnima Bharath MA...

» [Download PDF](#) (257KB)

» [View Article](#)

Pages 82-89

Review Paper

[Health Care Coordination Theoretical Frameworks: a Systematic Scoping Review to Increase Their Understanding and Use in Practice](#)

Kim Peterson MS, Johanna Anderson MPH...

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» [View Article](#)

Pages 90-98

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CURRENT ISSUE

May-June 2019 (Vol. 32 Issue 3) Table of Contents



ISSUE HIGHLIGHTS

Family Medicine: Data Driven Practice with Emphasis on Underserved Patients

Content Usage and the Most Frequently Read Articles of 2018

Pawn and King Play: A Stalemate on Rural Emergency

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Oral Anticoagulants in Preprocedural and Acute Settings

Care and Urban Urgent Care

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Using Shared Medical

The Association of Patient

Academic Detailing for

Opioids for Back Pain

Appointments to Increase Access to Buprenorphine Treatment September 09, 2015	Satisfaction-Based Incentives with Primary Care Physician Opioid... November 09, 2018	Postpartum Opioid Prescribing November 09, 2018	Patients: Primary Care Prescribing Patterns and Use of Services November 15, 2011
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LATEST ARTICLES

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The Journal of the American Board of Family Medicine May 2019, 32 (3) 318-328; DOI: <https://doi.org/10.3122/jabfm.2019.03.180275>

□ Clinicians' Perspectives on Barriers and Enablers of Optimal Prescribing in Patients with Dementia and Coexisting Conditions

Ariel R. Green, Patricia Lee, Emily Reeve, Jennifer L. Wolff, Chi Chiung Grace Chen, Rachel Kruzan and Cynthia M. Boyd
The Journal of the American Board of Family Medicine May 2019, 32 (3) 383-391; DOI: <https://doi.org/10.3122/jabfm.2019.03.180335>

□ The Impact of Increased Hydrocodone Regulation on Opioid Prescribing in an Urban Safety-Net Health Care System

Thomas F. Northrup, Kelley Carroll, Robert Suchting, Yolanda R. Villarreal, Mohammad Zare and Angela L. Stotts
The Journal of the American Board of Family Medicine May 2019, 32 (3) 362-374; DOI: <https://doi.org/10.3122/jabfm.2019.03.180356>

□ Provider Perspectives of Patient Experiences in Primary Care Imaging

Monica L. Zigman Suchsland, Victoria Hardy, Ying Zhang, Patrick D. Vigil, Kimberly L. Collins, William M. Woodhouse, Roger Chou, Steven D. Findlay, Danielle C. Lavalée and Matthew J. Thompson
The Journal of the American Board of Family Medicine May 2019, 32 (3) 392-397; DOI: <https://doi.org/10.3122/jabfm.2019.03.180288>

□ Sources and Impact of Time Pressure on Opioid Management in the Safety-Net

Shannon Satterwhite, Kelly R. Knight, Christine Miskowski, Jamie Suki Chang, Rachel Ceasar, Kara Zamora and Margot Kushel
The Journal of the American Board of Family Medicine May 2019, 32 (3) 375-382; DOI: <https://doi.org/10.3122/jabfm.2019.03.180306>

□ Practice Characteristics Associated with Better Implementation of Patient Self-Management Support

Bonnie T. Jortberg, Douglas H. Fernald, Danielle M. Hessler, L. Miriam Dickinson, Robyn Wearner, Lauri Connelly, Jodi Summers Holtrop, Lawrence Fisher and W. Perry Dickinson

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Beware of Predatory Journals: A Caution from Editors of Three Family Medicine Journals		
Association between Continuity of Care and Health-Related Quality of Life		

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Article Type

- Any -

Year

-Year

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The Journal of the American Board of Family Medicine May 2019, 32 (3) 297-306; DOI: <https://doi.org/10.3122/jabfm.2019.03.180276>
- ☐ **Does Ownership Make a Difference in Primary Care Practice?**
Stephan Lindner, Leif I. Solberg, William L. Miller, Bijal A. Balasubramanian, Miguel Marino, K. John McConnell, Samuel T. Edwards, Kurt C. Stange, Rachel J. Springer and Deborah J. Cohen
The Journal of the American Board of Family Medicine May 2019, 32 (3) 398-407; DOI: <https://doi.org/10.3122/jabfm.2019.03.180271>
- ☐ **Patient Body Mass Index (BMI) Knowledge in a Rural Primary Care Population**
Treah Haggerty, Jun Xiang and Dana King
The Journal of the American Board of Family Medicine May 2019, 32 (3) 413-417; DOI: <https://doi.org/10.3122/jabfm.2019.03.180211>
- ☐ **Family Physicians' Contributions to Rural Emergency Care and Urban Urgent Care**
Lars E. Peterson, James C. Puffer, Urooj Nasim, Stephen Petterson and Warren P. Newton
The Journal of the American Board of Family Medicine May 2019, 32 (3) 295-296; DOI: <https://doi.org/10.3122/jabfm.2019.03.180338>



Latest Articles

Subject

- Any -

Article Type

- Any -

Year

-Year

☐ **Family Medicine: Data Driven Practice with Emphasis on Underserved Patients**

Marjorie A. Bowman, Anne Victoria Neale and Dean A. Seehusen
The Journal of the American Board of Family Medicine May 2019, 32 (3) 285-287; DOI:
<https://doi.org/10.3122/jabfm.2019.03.190082>

☐ **Opinions of Primary Care Clinicians and Psychiatrists on Monitoring the Metabolic Effects of Antipsychotics**

Christina Mangurian, Aishat Giwa, Erin Brosey, Martha Shumway, James Dilley, Elena Fuentes-Afflick, Eliseo J. Pérez-Stable and Dean Schillinger
The Journal of the American Board of Family Medicine May 2019, 32 (3) 418-423; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180176>

☐ **Text Messages Can Encourage Patients to Discuss and Receive HIV Testing in Primary Care**

Renata Wettermann, Haley Marek, Thomas P. Giordano and Monisha Arya
The Journal of the American Board of Family Medicine May 2019, 32 (3) 408-412; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180269>

☐ **Provider and Staff Feedback on Screening for Social and Behavioral Determinants of Health for Pediatric Patients**

Elena Byhoff, Arvin Garg, Michelle Pellicer, Yareliz Diaz, Grace H. Yoon, Martin P. Charns and Mari-Lynn Drainoni
The Journal of the American Board of Family Medicine May 2019, 32 (3) 297-306; DOI:

❑ Does Ownership Make a Difference in Primary Care Practice?

Stephan Lindner, Leif I. Solberg, William L. Miller, Bijal A. Balasubramanian, Miguel Marino, K. John McConnell, Samuel T. Edwards, Kurt C. Stange, Rachel J. Springer and Deborah J. Cohen
The Journal of the American Board of Family Medicine May 2019, 32 (3) 398-407; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180271>

❑ Patient Body Mass Index (BMI) Knowledge in a Rural Primary Care Population

Treah Haggerty, Jun Xiang and Dana King
The Journal of the American Board of Family Medicine May 2019, 32 (3) 413-417; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180211>

❑ Family Physicians' Contributions to Rural Emergency Care and Urban Urgent Care

Lars E. Peterson, James C. Puffer, Urooj Nasim, Stephen Petterson and Warren P. Newton
The Journal of the American Board of Family Medicine May 2019, 32 (3) 295-296; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180338>

❑ Pawn and King Play: A Stalemate on Rural Emergency Medicine Staffing

W. Anthony Gerard
The Journal of the American Board of Family Medicine May 2019, 32 (3) 292-294; DOI:
<https://doi.org/10.3122/jabfm.2019.03.190077>

❑ Developing Patient-Refined Messaging for a Mailed Colorectal Cancer Screening Program in a Latino-Based Community Health Center

Jamie H. Thompson, Melinda M. Davis, LeAnn Michaels, Jennifer S. Rivelli, Melissa L. Castillo, Brittany M. Younger, Marta Castro, Sacha L. Reich and Gloria D. Coronado
The Journal of the American Board of Family Medicine May 2019, 32 (3) 307-317; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180026>

❑ A Cluster Randomized Trial Comparing Strategies for Translating Self-Management Support into Primary Care Practices

W. Perry Dickinson, L. Miriam Dickinson, Bonnie T. Jortberg, Danielle M. Hessler, Douglas H. Fernald, Michael Cuffney and Lawrence Fisher
The Journal of the American Board of Family Medicine May 2019, 32 (3) 341-352; DOI:
<https://doi.org/10.3122/jabfm.2019.03.180254>



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- Any -

Year

-Year

☐ **Timely Outpatient Follow-up Is Associated with Fewer Hospital Readmissions among Patients with Behavioral Health Conditions**

Nadereh Pourat, Xiao Chen, Shang-Hua Wu and Anna C. Davis
The Journal of the American Board of Family Medicine May 2019, 32 (3) 353-361; DOI: <https://doi.org/10.3122/jabfm.2019.03.180244>

☐ **Content Usage and the Most Frequently Read Articles of 2018**

Phil Lupo, Anne Victoria Neale, Marjorie A. Bowman and Dean Seehusen
The Journal of the American Board of Family Medicine May 2019, 32 (3) 288-291; DOI: <https://doi.org/10.3122/jabfm.2019.03.190083>

☐ **Response: Re: Family Medicine and Obstetrics: Let's Stop Pretending**

Richard A. Young and R. Levi Sundermeyer
The Journal of the American Board of Family Medicine March 2019, 32 (2) 279-280; DOI: <https://doi.org/10.3122/jabfm.2019.02.180362>

☐ **Response: Re: The Complex Interpretation and Management of Zika Virus Test Results**

Kenneth W. Lin, John D. Kraemer, Rachael Piltch-Loeb and Michael A. Stoto
The Journal of the American Board of Family Medicine March 2019, 32 (2) 281; DOI: <https://doi.org/10.3122/jabfm.2019.02.180348>

☐ **The American Board of Family Medicine: What's Next?**

Warren Newton

The Journal of the American Board of Family Medicine March 2019, 32 (2) 282-284; DOI:
https://doi.org/10.3122/jabfm.2019.02.190015

Re: The Complex Interpretation and Management of Zika Virus Test Results

Sora Yasri and Viroj Wiwanitkit

The Journal of the American Board of Family Medicine March 2019, 32 (2) 280-281; DOI:
https://doi.org/10.3122/jabfm.2019.02.180340

Re: Family Medicine and Obstetrics: Let's Stop Pretending

Daniel M. Avery, Marion D. Reed and Catherine A. Skinner

The Journal of the American Board of Family Medicine March 2019, 32 (2) 279; DOI: https://doi.org/10.3122/jabfm.2019.02.180329

Patient Characteristics Associated with Making Requests during Primary Care Visits

Joshua J. Fenton, Elizabeth M. Magnan, Anthony Jerant, Richard L. Kravitz and Peter Franks

The Journal of the American Board of Family Medicine March 2019, 32 (2) 201-208; DOI:
https://doi.org/10.3122/jabfm.2019.02.180218

Signs and Symptoms That Rule out Community-Acquired Pneumonia in Outpatient Adults: A Systematic Review and Meta-Analysis

Christian S. Marchello, Mark H. Ebell, Ariella P. Dale, Eric T. Harvill, Ye Shen and Christopher C. Whalen

The Journal of the American Board of Family Medicine March 2019, 32 (2) 234-247; DOI:
https://doi.org/10.3122/jabfm.2019.02.180219

A Randomized Trial to Train Vulnerable Primary Care Patients to Use a Patient Portal

Courtney R. Lyles, Lina Tieu, Urmimala Sarkar, Stephen Kiyoi, Shobha Sadasivaiah, Mekhala Hoskote, Neda Ratanawongsa and Dean Schillinger

The Journal of the American Board of Family Medicine March 2019, 32 (2) 248-258; DOI:
https://doi.org/10.3122/jabfm.2019.02.180263

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- Home
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May 2019 - Volume 57 - Issue 5

Table of Contents Outline

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Editorial

Collaborative Networks of Health Systems and Social Service Agencies: Clinical Public Health in Action

Horner, Ronnie D.
Medical Care. 57(5):325-326, May 2019.

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PDF

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

Original Articles

Collaboration in Health Care and Social Service Networks for Older Adults: Association With Health Care Utilization Measures

Brewster, Amanda L.; Yuan, Christina T.; Tan, Annabel X.; [More](#)
Medical Care. 57(5):327-333, May 2019.

Abstract

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Medical Care. 57(5):369-376, May 2019.

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Medical Care. 57(5):377-384, May 2019.

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Factors Associated With Accuracy of Self-Assessment Compared With Tested Non-English Language Proficiency Among Primary Care Providers

Diamond, Lisa; Toro Bejarano, Marcela; Chung, Sukyung; [More](#)
Medical Care. 57(5):385-390, May 2019.

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

Clinical Scenarios for Which Spinal Mobilization and Manipulation Are Considered by an Expert Panel to be Inappropriate (and Appropriate) for Patients With Chronic Low Back Pain

Herman, Patricia M.; Hurwitz, Eric L.; Shekelle, Paul G.; [More](#)
Medical Care. 57(5):391-398, May 2019.

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

SDC

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

Brief Report

Does Primary Care Provider Supply Influence Medicaid Acceptability?

Benitez, Joseph A.; Tipirneni, Renuka; Perez, Victoria; [More](#)
Medical Care. 57(5):348-352, May 2019.

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

SDC

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

Online Article

Applied Methods

Indirect Estimation of Race/Ethnicity for Survey Respondents Who Do Not Report Race/Ethnicity

Dembosky, Jacob W.; Haviland, Amelia M.; Haas, Ann; [More](#)
Medical Care. 57(5):e28-e33, May 2019.

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

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May 2, 2019

VOL. 380 NO. 18

... ▼

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PERSPECTIVE

Building on the ACA to Achieve Universal Coverage

M. Fiedler, H.J. Aaron, L. Adler, P.B. Ginsburg, and C.L. Young

1685-1688

A New Safe Harbor — Turning Drug Rebates into

Discounts in Medicare Part D

W.F. Gellad, M. Ennis, and C.C. Kuza

1688-1690

Count Your Blessings

B.M. Reilly

1690-1693

Responding to Evolving Abortion Regulations — The Critical Role of Primary Care

J. Beaman and D. Schillinger

e30

ORIGINAL ARTICLES

Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients

M.J. Mack and Others

1695-1705

Transcatheter Aortic-Valve Replacement with a Self-Expanding Valve in Low-Risk Patients

J.J. Popma and Others

1706-1715

Tau Positron-Emission Tomography in Former National Football League Players

R.A. Stern and Others

1716-1725

Anti-BCMA CAR T-Cell Therapy bb2121 in Relapsed or Refractory Multiple Myeloma

N. Raje and Others

1726-1737

CLINICAL PRACTICE

Hypoparathyroidism

R.I. Gafni and M.T. Collins

1738-1747

REVIEW ARTICLE

Frontiers in Medicine: Stem Cells in the Treatment of Disease

H.M. Blau and G.Q. Daley

1748-1760

IMAGES IN CLINICAL MEDICINE

Tick Attached to the Tympanic Membrane

D. Kasle and E. Waldman

1761

Cutis Verticis Gyrata Associated with Acromegaly

M. Parolin and F. Dassie

e31

CLINICAL PROBLEM-SOLVING

Repetition

G.W. Strohbehn, G. Dhaliwal, H. Paulson, J. Murray, and S. Saint

1762-1767

EDITORIALS

Informed Shared Decisions for Patients with Aortic Stenosis

C.M. Otto

1769-1770

Links in the Chain of Chronic Traumatic Encephalopathy

A.H. Ropper

1771-1772

CORRESPONDENCE

Transcatheter Aortic-Valve Replacement — 10 Years Later

1773-1774

Effects of Aspirin in the Healthy Elderly

1775-1777

A Randomized Trial of Endometrial Scratching before In Vitro Fertilization

1777-1778

Haloperidol and Ziprasidone for Treatment of Delirium in Critical Illness

1778-1780

Prednisone for Prevention of Paradoxical Tuberculosis-Associated IRIS

1780-1781

Caplacizumab for Acquired Thrombotic Thrombocytopenic Purpura

e32

The Neuroscience of Drives for Food, Water, and Salt

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NEXT ISSUE ▶

May 9, 2019

VOL. 380 NO. 19

... ▼

Current Issue
Browse all past issues

PERSPECTIVE

Preying on Prescribers (and Their Patients) —
Pharmaceutical Marketing, Iatrogenic Epidemics, and the
Sackler Legacy

S.H. Podolsky, D. Herzberg, and J.A. Greene

1785-1787

Stopping the Gaps in Epidemic Preparedness

J.J. Farrar

1788-1789

Physician Participation in Lethal Injection

D.W. Denno

1790-1791

At Baseline

P.A. Bergl

1792-1793

ORIGINAL ARTICLES

Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke

H. Ma and Others

1795-1803

Transmission of Nipah Virus — 14 Years of Investigations in Bangladesh

B. Nikolay and Others

1804-1814

A Randomized Trial of Progesterone in Women with

Bleeding in Early Pregnancy

A. Coomarasamy and Others

1815-1824

Antibody-Based Ticagrelor Reversal Agent in Healthy Volunteers

D.L. Bhatt and Others

1825-1833

Brief Report: Mesenchymal Hamartoma of the Liver and DICER1 Syndrome

M. Apellaniz-Ruiz and Others

1834-1842

REVIEW ARTICLE

Chronic Kidney Disease of Unknown Cause in Agricultural Communities

R.J. Johnson, C. Wesseling, and L.S. Newman

1843-1852

VIDEOS IN CLINICAL MEDICINE

How to Perform an Elliptical Excision of the Skin

T.J. Saun, J. Truong, S.P. Dev, and K. Wanzel

e34

IMAGES IN CLINICAL MEDICINE

Metastatic Uveal Melanoma

L. Everett and T. Copperman

1853

A Pulsatile Abdominal Mass

M. Elens and R. Verhelst

e35

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 14-2019: A 44-Year-Old Man with Neck Pain and Swelling

P.J. Saylor, D.M. Dudzinski, D.P. Mendoza, and K. Glomski

1854-1863

EDITORIALS

Image-Guided Intravenous Alteplase for Stroke — Shattering a Time Window

R.S. Marshall

1865-1866

Progesterone for Threatened Abortion

M.F. Greene

1867-1868

CLINICAL IMPLICATIONS OF BASIC RESEARCH

The Link between Hematopoiesis and Atherosclerosis

M.P.J. de Winther and E. Lutgens

1869-1871

CORRESPONDENCE

Cumulative Probability of Receiving an Antibiotic Prescription over Time

1872-1873

Imputability of Adverse Events to Anticancer Drugs

1873-1874

Tafenoquine versus Primaquine to Prevent Relapse of *Plasmodium vivax* Malaria

1875-1876

One-Year Outcomes after PCI Strategies in Cardiogenic Shock

1876-1877

Marine n–3 Fatty Acids and Vitamin D Supplementation and Primary Prevention

1878-1880

Dapagliflozin and Cardiovascular Outcomes in Type 2 Diabetes

1880-1882

Lactobacillus for Gastroenteritis in Children

e36



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New England Journal of Medicine

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◀ PREVIOUS ISSUE

NEXT ISSUE ▶

May 16, 2019

VOL. 380 NO. 20

...

Current Issue

Browse all past issues

PERSPECTIVE

Case Studies in Social Medicine: The Power and Limits of Classification — A 32-Year-Old Man with Abdominal Pain

D. Stroumsa, E.F.S. Roberts, H. Kinnear, and L.H. Harris

1885-1888

Big Data and the Intelligence Community — Lessons for

Health Care

K. Vigilante, S. Escaravage, and M. McConnell

1888-1890

Toward Facilitated Self-Service in Health Care

D.A. Asch, S. Nicholson, and M.L. Berger

1891-1893

ORIGINAL ARTICLES

Antibacterial Envelope to Prevent Cardiac Implantable Device Infection

K.G. Tarakji and Others

1895-1905

Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source

H.-C. Diener and Others

1906-1917

Genomic Mismatch at *LIMS1* Locus and Kidney Allograft Rejection

N.J. Steers and Others

1918-1928

Alpelisib for *PIK3CA*-Mutated, Hormone Receptor–Positive Advanced Breast Cancer

F. André and Others

1929-1940

REVIEW ARTICLE

Muco-Obstructive Lung Diseases

R.C. Boucher

1941-1953

IMAGES IN CLINICAL MEDICINE

Liver Involvement in Autosomal Dominant Polycystic Kidney Disease

M.E. Adin

1954

Tornwaldt’s Cyst

C.-Y. Huang and B.-H. Kang

e37

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 15-2019: A 55-Year-Old Man with Jaundice

E.A. Schaefer, M.A. Anderson, A.Y. Kim, and M.M. Sfeir

1955-1963

EDITORIAL

Cardiac Devices Enveloped with an Ounce of Prevention

F. Perez and R.A. Bonomo

1965-1966

CLINICAL DECISIONS

“Doctor, Should I Keep Taking an Aspirin a Day?”

A. Fernandes, J.W. McEvoy, and S. Halvorsen

1967-1970

CORRESPONDENCE

Mitochondrial Donation — Which Women Could Benefit?

1971-1972

E-Cigarettes versus Nicotine-Replacement Therapy for Smoking Cessation

1973-1975

Percutaneous Repair for Secondary Mitral Regurgitation

1975-1978

Transcatheter Mitral-Valve Repair in Patients with Heart Failure

1978-1981

Organoids — Preclinical Models of Human Disease

1981-1982

More on Long-Term Effects of Finasteride on Prostate Cancer Mortality

e38



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Social Medicine:

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NEXT ISSUE ▶

May 23, 2019

VOL. 380 NO. 21

...

Current Issue

Browse all past issues

PERSPECTIVE

AIDS in America — Back in the Headlines at Long Last

W.M. El-Sadr, K.H. Mayer, M. Rabkin, and S.L. Hodder

1985-1987

Lessons from Scott County — Progress or Paralysis on

Harm Reduction?

S. Kishore, M. Hayden, and J. Rich

1988-1990

Realizing the Value of Community Health Workers — New Opportunities for Sustainable Financing

A. Lapidos, J. Lapedis, and M. Heisler

1990-1992

Pharmaceutical Protections in U.S. Trade Deals — What Do Americans Get in Return?

T. Bollyky and A.S. Kesselheim

1993-1995

ORIGINAL ARTICLES

Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome

The National Heart, Lung, and Blood Institute PETAL Clinical Trials Network

1997-2008

Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level

S.C. Lazarus and Others

2009-2019

Controlled Trial of Budesonide–Formoterol as Needed for Mild Asthma

R. Beasley and Others

2020-2030

Nasal High-Flow Therapy for Newborn Infants in Special Care Nurseries

B.J. Manley and Others

2031-2040

REVIEW ARTICLE

Global Elimination of Chronic Hepatitis

D.L. Thomas

2041-2050

IMAGES IN CLINICAL MEDICINE

Question-Mark Appearance of the Colon

P.T. Masiakos and P.W. Wales

2051

Dipylidium caninum Infection

C.A. Hogan and H. Schwenk

e39

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 16-2019: A 53-Year-Old Man with Cough and Eosinophilia

R.P. Simmons, D.M. Dudzinski, J.-A.O. Shepard, R.M. Hurtado, and K.C. Coffey

2052-2059

EDITORIALS

Early Paralytic Agents for ARDS? Yes, No, and Sometimes

A.S. Slutsky and J. Villar

2061-2063

How Should We Treat Patients with Mild Asthma?

G.W.K. Wong

2064-2066

CLINICAL IMPLICATIONS OF BASIC RESEARCH

Neuromodulation of Urinary Tract Function

T.M. Kessler, L.A. Birder, and P. Gomery

2067-2069

CORRESPONDENCE

Active Surveillance for Low-Risk Prostate Cancer in Black Patients

2070-2072

Omadacycline for Bacterial Infections

2072-2074

Alirocumab after Acute Coronary Syndrome

2074-2077

Diagnostic Utility of Exome Sequencing for Kidney Disease

2078-2081

Case 5-2019: A Woman with Delusional Thinking and Paresthesia of the Right Hand

2081-2082

Aspiration Pneumonia

e40

CORRECTIONS

Two-Year Evaluation of Mandatory Bundled Payments for Joint Replacement

2082

Tezepelumab in Adults with Uncontrolled Asthma

2082



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VOL. 380 NO. 22

...

Current Issue

Browse all past issues

PERSPECTIVE

The Case of *Juliana v. U.S.* — Children and the Health Burdens of Climate Change

R.N. Salas, W. Jacobs, and F. Perera

2085-2087

A Temporizing Solution to “Artemisinin Resistance”

J. Wang and Others

2087-2089

Disability Inclusion — Moving Beyond Mission Statements

B. Swenor and L.M. Meeks

2089-2091

Dangers of Diagnostic Overshadowing

L.I. Iezzoni

2092-2093

ORIGINAL ARTICLES

Ibrutinib and Venetoclax for First-Line Treatment of CLL

N. Jain and Others

2095-2103

Daratumumab plus Lenalidomide and Dexamethasone for Untreated Myeloma

T. Facon and Others

2104-2115

A New Segmented Virus Associated with Human Febrile Illness in China

Z.-D. Wang and Others

2116-2125

Open versus Endovascular Repair of Abdominal Aortic Aneurysm

F.A. Lederle and Others

2126-2135

Five-Year Outcomes of Gastric Bypass in Adolescents as Compared with Adults

T.H. Inge and Others

2136-2145

REVIEW ARTICLE

Contrast-Associated Acute Kidney Injury

R. Mehran, G.D. Dangas, and S.D. Weisbord

2146-2155

IMAGES IN CLINICAL MEDICINE

Coronary Arteritis in IgG4-Related Disease

J. de la Fuente and J. Bird

2156

A STEMI Mimic

D. Yu and J.E.A. Blair

e41

INTERACTIVE MEDICAL CASE

A Disturbing Decline

D.A. Braun, B. Simchowitz, G.V. Henderson, P.E. Sax, and A. Vaidya

e42

CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

Case 17-2019: A 44-Year-Old Man with Joint Pain, Weight Loss, and Chest Pain

S.L. Arvikar, S.R. Schoenfeld, A.S. Fox, V.K. Tanguturi, and L.D. Stuart

2157-2167

EDITORIALS

Ibrutinib and Venetoclax — Doubling Down on CLL

A. Wiestner

2169-2171

Initial Therapy in Older Patients with Multiple Myeloma

J. Laubach

2172-2173

Seek and You Shall Find — Unknown Pathogens?

N. Vasilakis and D.H. Walker

2174-2175

In Teens with Severe Obesity, Can Bariatric Surgery Wait until Adulthood?

T.D. Adams

2175-2177

CORRESPONDENCE

Bedaquiline Microheteroresistance after Cessation of Tuberculosis Treatment

2178-2180

Preventing Venous Thromboembolism in Patients with Cancer

2180-2181

Postdischarge Infection Risk among MRSA Carriers

2182

Endoscopic versus Open Vein-Graft Harvesting for CABG

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May 2019 - Volume 133 - Issue 5

Table of Contents Outline

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Contents

Announcement

2018 Pitkin Award and 2018 Kaminetzky Prize Paper

Obstetrics & Gynecology. 133(5):853-854, May 2019.

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Obstetric Complications: Editorial

Role of External Cephalic Version in Reducing the Cesarean Delivery Rate

Olson Koutrouvelis, Gayle

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Prediction of Success in External Cephalic Version for Breech Presentation at Term

Isakov, Ofer; Reicher, Lee; Lavie, Anat; [More](#)

Obstetrics & Gynecology. 133(5):857-866, May 2019.

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



Leiomyomas: Editorial

Ulipristal Acetate for Symptomatic Uterine Leiomyomas: Neither the Long-Awaited Panacea, nor the Opening of Pandora's Box

Hatfield, Joanna L.

Obstetrics & Gynecology. 133(5):867-868, May 2019.

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Leiomyomas: Original Research

Health-Related Quality of Life With Ulipristal Acetate for Treatment of Uterine Leiomyomas: A Randomized Controlled Trial

Lukes, Andrea S.; Soper, David; Harrington, Amanda; [More](#)

Obstetrics & Gynecology. 133(5):869-878, May 2019.

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

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Minimally Invasive Surgery: Original Research

Postoperative Bladder Filling After Outpatient Laparoscopic Hysterectomy and Time to Discharge: A Randomized Controlled Trial

Chao, Lisa; Mansuria, Suketu

Obstetrics & Gynecology. 133(5):879-887, May 2019.

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

Urogynecology: Original Research

Cystoscopy at the Time of Hysterectomy for Benign Indications and Delayed Lower Genitourinary Tract Injury

Barber, Emma L.; Polan, Rosa M.; Strohl, Anna E.; [More](#)

Obstetrics & Gynecology. 133(5):888-895, May 2019.

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



Gynecologic Surgery: Original Research

Gross and Histologic Anatomy of the Pelvic Ureter: Clinical Applications to Pelvic Surgery

Jackson, Lindsey A.; Ramirez, Denise M. O.; Carrick, Kelley S.; [More](#)
Obstetrics & Gynecology. 133(5):896-904, May 2019.

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

Medical Education: Procedures and Instruments

Robotic Sacrocolpopexy Simulation Model and Associated Hierarchical Task Analysis

Myers, Erinn M.; Anderson-Montoya, Brittany L.; Fasano, Heather T.; [More](#)
Obstetrics & Gynecology. 133(5):905-909, May 2019.

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

SDC

Prenatal Care: Original Research

Cognitive Behavioral Therapy for Prenatal Insomnia: A Randomized Controlled Trial

Manber, Rachel; Bei, Bei; Simpson, Norah; [More](#)
Obstetrics & Gynecology. 133(5):911-919, May 2019.

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

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Complementary and Alternative Medicine: Review

Herbal Medicinal Product Use During Pregnancy and the Postnatal Period: A Systematic Review

Muñoz Balbontín, Yolanda; Stewart, Derek; Shetty, Ashalatha; [More](#)
Obstetrics & Gynecology. 133(5):920-932, May 2019.

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Medical Complications of Pregnancy: Current Commentary

Acute Management of Ischemic Stroke During Pregnancy

Pacheco, Luis D.; Hankins, Gary D. V.; Saad, Antonio F.; [More](#)
Obstetrics & Gynecology. 133(5):933-939, May 2019.

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

Obstetric Complications: Case Report

Uterine Rupture at Term in a Patient With Abdominal Cerclage

Dandapani, Monica; Pflugner, Lindsey P.; Fanning, Nicole S.
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[Abstract](#) [In Brief](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Substance Use Disorder: Original Research

Medication-Assisted Treatment Use Among Pregnant Women With Opioid Use Disorder

Krans, Elizabeth E.; Kim, Joo Yeon; James, Alton Everette III; [More](#)
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Accuracy of Three Screening Tools for Prenatal Substance Use

Coleman-Cowger, Victoria H.; Oga, Emmanuel A.; Peters, Erica N.; [More](#)
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[Abstract](#) [In Brief](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

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Obstetrics: Original Research

Timing of Gestational Weight Gain and Adverse Perinatal Outcomes in Overweight and Obese Women

Feghali, Maisa N.; Catov, Janet M.; Zantow, Emily; [More](#)
Obstetrics & Gynecology. 133(5):962-970, May 2019.

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

Medical Complications of Pregnancy: Case Report

Managing a Pregnancy With Maternal Amelia

Siwatch, Sujata; Gainder, Shalini; Prasad, Gurgunjakunta Ramabhadraraju Venkateshwara; [More](#)
Obstetrics & Gynecology. 133(5):971-974, May 2019.

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

Lactation: Case Report

Raynaud Phenomenon of the Nipple: An Under-Recognized Condition

Jansen, Sierra; Sampene, Katherine
Obstetrics & Gynecology. 133(5):975-977, May 2019.

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

Abortion: Original Research

Massachusetts' Parental Consent Law and Procedural Timing Among Adolescents Undergoing Abortion

Janiak, Elizabeth; Fulcher, Isabel R.; Cottrill, Alischer A.; [More](#)
Obstetrics & Gynecology. 133(5):978-986, May 2019.

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Computers and eHealth: Original Research

Reading Level of Online Patient Education Materials From Major Obstetrics and Gynecology Societies

Fahimuddin, Fatimah Z.; Sidhu, Sanam; Agrawal, Anubhav
Obstetrics & Gynecology. 133(5):987-993, May 2019.

☐ Abstract ☐ In Brief ☐ Favorites ☐ PDF ☐ Get Content & Permissions



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

	1	2	3
--	---	---	---

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---	--------------------------

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May 2019 - Volume 133 - Issue 5

Table of Contents Outline

Subscribe to eTOC

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 Contents

Medical Education: Clinical Practice and Quality

Addressing Obstetrics and Gynecology Trainee Burnout Using a Yoga-Based Wellness Initiative During Dedicated Education Time

Babbar, Shilpa; Renner, Kathryn; Williams, Karen
Obstetrics & Gynecology. 133(5):994-1001, May 2019.

 Abstract  In Brief  Favorites  PDF  Get Content & Permissions

LGBTQIA Health: Original Research

Implementation of a Pelvic Floor Physical Therapy Program for Transgender Women Undergoing Gender-Affirming Vaginoplasty

Jiang, Da David; Gallagher, Sandra; Burchill, Laura; [More](#)
Obstetrics & Gynecology. 133(5):1003-1011, May 2019.

 Abstract  In Brief  Favorites  PDF  Get Content & Permissions

Sexual Minority Women's Experiences With Sexual Identity Disclosure in Contraceptive Care

Greene, Madelyne Z.; Carpenter, Emma; Hendrick, C. Emily; [More](#)
Obstetrics & Gynecology. 133(5):1012-1023, May 2019.

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

Gynecologic Oncology: Original Research

Second Uterine Curettage and the Number of Chemotherapy Courses in Postmolar Gestational Trophoblastic Neoplasia: A Randomized Controlled Trial

Hemida, Reda; Vos, Elvira L.; El-Deek, Basem; [More](#)
Obstetrics & Gynecology. 133(5):1024-1031, May 2019.

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

Obstetrics: Clinical Expert Series

Home and Birth Center Birth in the United States: Time for Greater Collaboration Across Models of Care

Caughey, Aaron B.; Cheyney, Melissa
Obstetrics & Gynecology. 133(5):1033-1050, May 2019.

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

[CME Quiz](#)

Personal Perspectives: Junior Fellow Essay

Findings on Ultrasonography

Wagar, Matthew K.
Obstetrics & Gynecology. 133(5):1051, May 2019.

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Practice Issues

What Is New in Contraception?: Best Articles From the Past Year

Resnik, Jamie L.
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[Abstract](#) [Favorites](#) [PDF](#) [Get Content & Permissions](#)

Connect the Dots...

Connect the Dots—May 2019

Peebles, Amy B.; Williams, Heather R.; Mitta, Melanie; [More](#)
Obstetrics & Gynecology. 133(5):1055-1056, May 2019.

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

 Departments

Letters

Recommendations From Cannabis Dispensaries About First-Trimester Cannabis Use

Koch, Sandra
Obstetrics & Gynecology. 133(5):1057, May 2019.

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Consensus Guidelines for Facilities Performing Outpatient Procedures: Evidence Over Ideology

Winter, Curtis
Obstetrics & Gynecology. 133(5):1057-1058, May 2019.

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Response to Letter

In Reply

Dickson, Betsy; Metz, Torri
Obstetrics & Gynecology. 133(5):1057, May 2019.

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In Reply

Levy, Barbara S.; Ness, Debra L.; Weinberger, Steven E.
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Correction

ACOG Practice Bulletin No. 193: Tubal Ectopic Pregnancy: Correction

Obstetrics & Gynecology. 133(5):1059, May 2019.

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

 ACOG Publications

ACOG Publications: May 2019

Obstetrics & Gynecology. 133(5):1063-1064, May 2019.

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Obstetrics & Gynecology. 133(5):1063-1066, May 2019.

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Clinical Updates in Women’s Health Care Summary: Acute Cough: Primary and Preventive Care Review

Oat-Judge, Julia

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

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

 Podcasts

Editors' Picks for May 2019

Creator: John R. Fischer, MD
Duration: 32:37

Obstetrics & Gynecology [May 2019, Volume 133, Issue 5](#);
Dr. Nancy Chescheir, Editor-in-Chief, and Dr. John Fischer, Web Editor, review the articles that have been designated as



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Table of Contents

Articles

☐ Breastfeeding in Infancy and Lipid Profile in Adolescence

L.L. Hui, Man Ki Kwok, E. Anthony S. Nelson, So Lun Lee, Gabriel M. Leung, C. Mary Schooling
Pediatrics May 2019, 143 (5) e20183075; DOI: 10.1542/peds.2018-3075

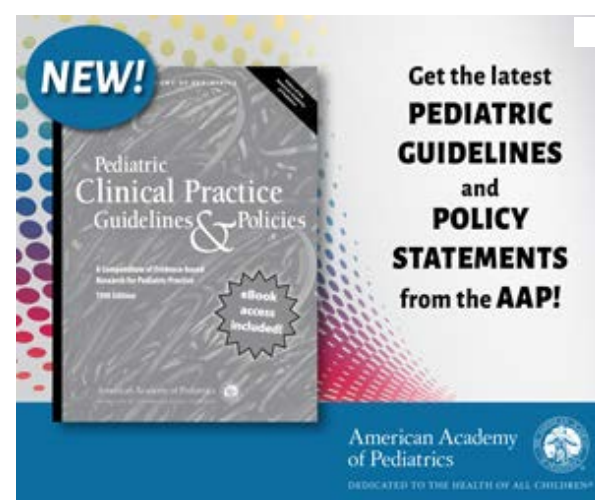
In the prospective birth cohort Children of 1997, exclusive breastfeeding in early infancy is associated with lower LDL-C but not adiposity at 17 years.

☐ PDF

☐ Parents' Perspectives Regarding Age Restrictions for Tackling in Youth Football

Sara P.D. Chrisman, Kathryn B. Whitlock, Emily Kroshus, Christina Schwen, Stanley A. Herring, Frederick P. Rivara
Pediatrics May 2019, 143 (5) e20182402; DOI: 10.1542/peds.2018-2402

Investigators conducted a nationally representative survey of parents to



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❑ WIC Food Package Changes: Trends in Childhood Obesity Prevalence

Madeleine I.G. Daepp, Steven L. Gortmaker, Y. Claire Wang, Michael W. Long, Erica L. Kenney
Pediatrics May 2019, 143 (5) e20182841; DOI: 10.1542/peds.2018-2841

We analyzed whether the 2009 change to the WIC food package was associated with reduced childhood obesity among WIC participants, a low-income, vulnerable population.

❑ [PDF](#)

❑ Antibiotic Prescribing During Pediatric Direct-to-Consumer Telemedicine Visits

Kristin N. Ray, Zhuo Shi, Courtney A. Gidengil, Sabrina J. Poon, Lori Uscher-Pines, Ateev Mehrotra
Pediatrics May 2019, 143 (5) e20182491; DOI: 10.1542/peds.2018-2491

Using claims from a large national commercial health plan, we examine antibiotic prescribing for acute respiratory illnesses during pediatric DTC telemedicine visits.

❑ [PDF](#)

❑ Postvaccination Febrile Seizure Severity and Outcome

Lucy Deng, Heather Gidding, Kristine Macartney, Nigel Crawford, Jim Buttery, Michael Gold, Peter Richmond, Nicholas Wood
Pediatrics May 2019, 143 (5) e20182120; DOI: 10.1542/peds.2018-2120

This prospective cohort study is used to examine FSs in children aged ≤ 6 years in Australia, comparing severity and outcomes of VP-FSs to NVP-FSs.

❑ [PDF](#)

❑ Sleep-Related Infant Suffocation Deaths Attributable to Soft Bedding, Overlay, and Wedging

Alexa B. Erck Lambert, Sharyn E. Parks, Carri Cottengim, Meghan Faulkner, Fern R. Hauck, Carrie K. Shapiro-Mendoza
Pediatrics May 2019, 143 (5) e20183408; DOI: 10.1542/peds.2018-3408

In this study, we describe characteristics of SUID classified as explained suffocation, per the CDC's classification system, by mechanism of airway obstruction (soft bedding, overlay, or wedging).

❑ [PDF](#)

❑ Blood Lead Levels Among Resettled Refugee Children in Select US States, 2010–2014

Clelia Pezzi, Deborah Lee, Lori Kennedy, Jenny Aguirre, Melissa Titus,

Rebecca Ford, Jennifer Cochran, Laura Smock, Blaine Mamo, Kailey Urban, Jennifer Morillo, Stephen Hughes, Colleen Payton, Kevin Scott, Jessica Montour, Jasmine Matheson, Mary Jean Brown, Tarissa Mitchell
Pediatrics May 2019, 143 (5) e20182591; **DOI:** 10.1542/peds.2018-2591

We present an examination of BLLs among a cohort of refugee children living in the United States by country of overseas medical examination and other variables.

[PDF](#)

[Home Oxygen and 2-Year Outcomes of Preterm Infants With Bronchopulmonary Dysplasia](#)

Sara B. DeMauro, Erik A. Jensen, Carla M. Bann, Edward F. Bell, Anna Maria Hibbs, Susan R. Hintz, Scott A. Lorch
Pediatrics May 2019, 143 (5) e20182956; **DOI:** 10.1542/peds.2018-2956

In this propensity score–matched study of infants with BPD, discharge on oxygen was associated with increased resource use and not with improved developmental outcomes.

[PDF](#)

[Self-Reported Use of Tobacco, E-cigarettes, and Marijuana Versus Urinary Biomarkers](#)

Rachel Boykan, Catherine R. Messina, Gabriela Chateau, Allison Eliscu, Jonathan Tolentino, Maciej L. Goniewicz
Pediatrics May 2019, 143 (5) e20183531; **DOI:** 10.1542/peds.2018-3531

In this study, we compared adolescent self-reported tobacco, e-cigarette, and marijuana use to urinary biomarkers, and patterns of use were correlated with higher cotinine and THCA levels.

[PDF](#)

[Lifestyle Behavior and Mental Health in Early Adolescence](#)

Olivia K. Loewen, Katerina Maximova, John P. Ekwaru, Erin L. Faught, Mark Asbridge, Arto Ohinmaa, Paul J. Veugelers
Pediatrics May 2019, 143 (5) e20183307; **DOI:** 10.1542/peds.2018-3307

Through linkage of lifestyle survey and administrative health data, this study captures the potential benefits of meeting lifestyle recommendations in childhood for adolescent mental health.

[PDF](#)

[Disparities in Inpatient Intensity of End-of-Life Care for Complex Chronic Conditions](#)

Emily E. Johnston, Jori Bogetz, Olga Saynina, Lisa J. Chamberlain, Smita Bhatia, Lee Sanders
Pediatrics May 2019, 143 (5) e20182228; **DOI:** 10.1542/peds.2018-2228

This California administrative database study reveals the rates of and clinical and socioeconomic disparities in inpatient end-of-life care intensity in children with CCCs.

[PDF](#)

□ Sleeve Gastrectomy for Youth With Cognitive Impairment or Developmental Disability

Sarah E. Hornack, Evan P. Nadler, Jichuan Wang, Amysue Hansen, Eleanor R. Mackey

Pediatrics May 2019, 143 (5) e20182908; **DOI:** 10.1542/peds.2018-2908

In this article, we examine the association of cognitive functioning and weight loss outcomes in adolescents with obesity undergoing LSG.

[PDF](#)

□ Provisional Validation of a Pediatric Early Warning Score for Resource-Limited Settings

Samantha L. Rosman, Valens Karangwa, Michael Law, Michael C. Monuteaux, Christine Daneau Briscoe, Natalie McCall

Pediatrics May 2019, 143 (5) e20183657; **DOI:** 10.1542/peds.2018-3657

In this study, we provide an assessment of the validity of a resource-limited PEWS to identify children at risk for clinical deterioration in a low-resource setting.

[PDF](#)

□ A Novel Ictrometer for Hyperbilirubinemia Screening in Low-Resource Settings

Anne CC Lee, Lian V. Folger, Mahmoodur Rahman, Salahuddin Ahmed, Nazmun Nahar Bably, Lauren Schaeffer, Rachel Whelan, Pratik Panchal, Sayedur Rahman, Arun Dutta Roy, Abdullah H. Baqui

Pediatrics May 2019, 143 (5) e20182039; **DOI:** 10.1542/peds.2018-2039

In this study, we report on the diagnostic accuracy of the Bili-ruler, a novel, low-cost icterometer, to screen for hyperbilirubinemia in low-resource settings.

[PDF](#)

□ Missed Opportunities for Rotavirus Vaccination

Bethany K. Sederdahl, Walter A. Orenstein, Jumi Yi, Evan J. Anderson, Robert A. Bednarczyk

Pediatrics May 2019, 143 (5) e20182498; **DOI:** 10.1542/peds.2018-2498

Using the 2014 NIS, we describe risk factors for being unvaccinated for rotavirus as well as missed opportunities for rotavirus vaccination.

[PDF](#)

□ Genetic and Early-Life Environmental Influences on Dental Caries Risk: A Twin Study

Mihiri J. Silva, Nicky M. Kilpatrick, Jeffrey M. Craig, David J. Manton, Pamela Leong, David P. Burgner, Katrina J. Scurrah
Pediatrics May 2019, 143 (5) e20183499; DOI: 10.1542/peds.2018-3499

In this longitudinal twin study, environmental rather than genetic factors predict dental caries risk, and modifiable risk factors are present from the prenatal period onward.

□ [PDF](#)

□ Socioeconomic Disadvantage in Infancy and Academic and Self-Regulation Outcomes

Meredith O'Connor, Shiao Chong, Delyse Hutchinson, Ann Sanson, Jennifer McIntosh, Craig A. Olsson, Sharon Goldfeld
Pediatrics May 2019, 143 (5) e20182640; DOI: 10.1542/peds.2018-2640

With this study, we explore how the timing of children's exposure to socioeconomic disadvantages relates to different aspects of the children's development.

□ [PDF](#)

□ Mediators of Improved Adherence to Infant Safe Sleep Using a Mobile Health Intervention

Rachel Y. Moon, Michael J. Corwin, Stephen Kerr, Timothy Heeren, Eve Colson, Ann Kellams, Nicole L. Geller, Emily Drake, Kawai Tanabe, Fern R Hauck
Pediatrics May 2019, 143 (5) e20182799; DOI: 10.1542/peds.2018-2799

This mediation analysis was conducted to determine mediators of improvements in infant SS practices in an effective mHealth intervention.

□ [PDF](#)

□ Platelet Transfusion for PDA Closure in Preterm Infants: A Randomized Controlled Trial

Jogender Kumar, Sourabh Dutta, Venkateshan Sundaram, Shiv Sajan Saini, Ratti Ram Sharma, Neelam Varma
Pediatrics May 2019, 143 (5) e20182565; DOI: 10.1542/peds.2018-2565

In this RCT, we evaluated a liberal platelet-transfusion strategy as a novel therapeutic intervention for hs-PDA among thrombocytopenic preterm infants.

□ [PDF](#)

□ Gestational Age, Birth Weight, and Outcomes Six Years After the Norwood Procedure

Thomas A. Miller, Nancy S. Ghanayem, Jane W. Newburger, Brian W.

McCrindle, Chenwei Hu, Aaron G. DeWitt, James F. Cnota, Felicia L. Tractenberg, Victoria L. Pemberton, Michael J. Wolf, Jodie K. Votava-Smith, Carlen G. Fifer, Linda M. Lambert, Ameer Shah, Eric M. Graham, Christian Pizarro, Jeffrey P. Jacobs, Stephen G. Miller, L. LuAnn Minich, for the Pediatric Heart Network Investigators
Pediatrics May 2019, 143 (5) e20182577; **DOI:** 10.1542/peds.2018-2577

Controlling for the overlapping and competing risks of lower gestational age and birth weight demonstrates they have independent effects on different outcomes in HLHS.

[PDF](#)

Foreign-Body Ingestions of Young Children Treated in US Emergency Departments: 1995–2015

Danielle Orsagh-Yentis, Rebecca J. McAdams, Kristin J. Roberts, Lara B. McKenzie
Pediatrics May 2019, 143 (5) e20181988; **DOI:** 10.1542/peds.2018-1988

In this study, we describe the epidemiology of FBIs of children <6 years of age who presented to US EDs between 1995 and 2015.

[PDF](#)

Maternal Immigrant Status and Readiness to Transition to Home From the NICU

Elisabeth C. McGowan, Layla S. Abdulla, Katheleen K. Hawes, Richard Tucker, Betty R. Vohr
Pediatrics May 2019, 143 (5) e20182657; **DOI:** 10.1542/peds.2018-2657

The needs and perceptions of immigrant families with preterm infants during the transition from hospital to home are explored.

[PDF](#)

Adolescent and Young Adult Cancer Patients' Experiences With Treatment Decision-making

Jennifer W. Mack, Karen M. Fasciano, Susan D. Block
Pediatrics May 2019, 143 (5) e20182800; **DOI:** 10.1542/peds.2018-2800

This study surveyed 203 AYAs with newly diagnosed cancer to evaluate decision-making preferences, decisional engagement, and regret.

[PDF](#)

Psychotropic Medication Use in Parents of Children Diagnosed With Cancer

Hanin Salem, Elisabeth Wreford Andersen, Susanne O. Dalton, Kjeld Schmiegelow, Jeanette Falck Winther, Wendy G. Lichtenthal, Christoffer Johansen, Pernille E. Bidstrup
Pediatrics May 2019, 143 (5) e20182605; **DOI:** 10.1542/peds.2018-2605

Using national registries, we conducted the first population-based study to objectively examine the risk for antidepressants, anxiolytics, and hypnotics in parents of children with cancer.

[PDF](#)

[Health Care Use Over 3 Years After Adolescent SBIRT](#)

Stacy Sterling, Andrea H. Kline-Simon, Ashley Jones, Lauren Hartman, Katrina Saba, Constance Weisner, Sujaya Parthasarathy
Pediatrics May 2019, 143 (5) e20182803; **DOI:** 10.1542/peds.2018-2803

Providing SBIRT for adolescents in primary care may help reduce health care use and medical, mental health, and substance use comorbidities.

[PDF](#)

[Long-term Methimazole Therapy in Juvenile Graves' Disease: A Randomized Trial](#)

Fereidoun Azizi, Miralireza Takyar, Elham Madreseh, Atieh Amouzegar
Pediatrics May 2019, 143 (5) e20183034; **DOI:** 10.1542/peds.2018-3034

This study was designed to evaluate the effectiveness and safety of LT methimazole treatment and to compare remission rates in patients after LT and ST therapy.

[PDF](#)

Commentaries

[The Significance \(or Insignificance\) of Lower Lipids in Adolescents Who Were Exclusively Breastfed](#)

Alex H. Krist
Pediatrics May 2019, 143 (5) e20190447; **DOI:** 10.1542/peds.2019-0447

[PDF](#)

[Youth Tackle Football: Perception and Reality](#)

Cynthia LaBella
Pediatrics May 2019, 143 (5) e20190519; **DOI:** 10.1542/peds.2019-0519

[PDF](#)

[Need an Antibiotic? There's an App for That](#)

Jeffrey S. Gerber
Pediatrics May 2019, 143 (5) e20190631; **DOI:** 10.1542/peds.2019-0631

[PDF](#)

[Preventing Harm on Arrival: Lead Prevention in Newly Resettled Pediatric Refugees](#)

Andrea Green, Matthew Saia

Pediatrics May 2019, 143 (5) e20183567; **DOI:** 10.1542/peds.2018-3567

[PDF](#)

[The Use of Oxygen at Discharge: Is It Safe? Is It Effective?](#)

Reese H. Clark, Veeral N. Tolia

Pediatrics May 2019, 143 (5) e20190372; **DOI:** 10.1542/peds.2019-0372

[PDF](#)

[Social Disparities and Death Among Children With Complex Chronic Conditions](#)

Renee D. Boss

Pediatrics May 2019, 143 (5) e20190511; **DOI:** 10.1542/peds.2019-0511

[PDF](#)

[Intellectual Disability and Adolescent Bariatric Surgery: Support of Special Eligibility Criteria](#)

Marc P. Michalsky

Pediatrics May 2019, 143 (5) e20184112; **DOI:** 10.1542/peds.2018-4112

[PDF](#)

[Forewarned Is Forearmed](#)

Elizabeth Molyneux

Pediatrics May 2019, 143 (5) e20184058; **DOI:** 10.1542/peds.2018-4058

[PDF](#)

From the American Academy of Pediatrics

[Transporting Children With Special Health Care Needs](#)

Joseph O'Neil, Benjamin Hoffman, COUNCIL ON INJURY, VIOLENCE, AND POISON PREVENTION

Pediatrics May 2019, 143 (5) e20190724; **DOI:** 10.1542/peds.2019-0724

[PDF](#)

[Institutional Ethics Committees](#)

Margaret Moon, COMMITTEE ON BIOETHICS

Pediatrics May 2019, 143 (5) e20190659; **DOI:** 10.1542/peds.2019-0659

[PDF](#)

[Prevention of Drowning](#)

Sarah A. Denny, Linda Quan, Julie Gilchrist, Tracy McCallin, Rohit Sheno, Shabana Yusuf, Benjamin Hoffman, Jeffrey Weiss, COUNCIL ON INJURY, VIOLENCE, AND POISON PREVENTION

Pediatrics May 2019, 143 (5) e20190850; **DOI:** 10.1542/peds.2019-0850

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□ Comprehensive Health Evaluation of the Newly Adopted Child

Veronnie Faye Jones, Elaine E. Schulte, COUNCIL ON FOSTER CARE, ADOPTION, AND KINSHIP CARE

Pediatrics May 2019, 143 (5) e20190657; **DOI:** 10.1542/peds.2019-0657

[□ PDF](#)

□ Health Supervision for Children With Neurofibromatosis Type 1

David T. Miller, Debra Freedenberg, Elizabeth Schorry, Nicole J. Ullrich, David Viskochil, Bruce R. Korf, COUNCIL ON GENETICS, AMERICAN COLLEGE OF MEDICAL GENETICS AND GENOMICS

Pediatrics May 2019, 143 (5) e20190660; **DOI:** 10.1542/peds.2019-0660

[□ PDF](#)

Pediatrics Perspectives

□ Preventable Preterm Birth: A Patient Safety Problem

Edward R.B. McCabe

Pediatrics May 2019, 143 (5) e20180940; **DOI:** 10.1542/peds.2018-0940

[□ PDF](#)

□ Aligning Inpatient Pediatric Research With Settings of Care: A Call to Action

Corrie E. McDaniel, Rebecca Jennings, Alan R. Schroeder, Natalia Paciorkowski, Michelle Hofmann, JoAnna Leyenaar

Pediatrics May 2019, 143 (5) e20182648; **DOI:** 10.1542/peds.2018-2648

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Monthly Feature

□ Transition to Adult Health Care and the Need for a Pregnant Pause

Rebecca E. Sadun, Richard J. Chung, Gary R. Maslow

Pediatrics May 2019, 143 (5) e20190541; **DOI:** 10.1542/peds.2019-0541

[□ PDF](#)

Review Article

□ Cost-effectiveness of Palivizumab for Respiratory Syncytial Virus: A Systematic Review

Stephen Mac, Amanda Sumner, Samuel Duchesne-Belanger, Robert

Stirling, Matthew Tunis, Beate Sander

Pediatrics May 2019, 143 (5) e20184064; **DOI:** 10.1542/peds.2018-4064

In this systematic review, we investigate the cost-effectiveness of palivizumab prophylaxis for RSV stratified by setting and infant population subgroups relevant to health-policy decision-making.

[PDF](#)

State-of-the-Art Review Article

Teenagers, Sexting, and the Law

Victor C. Strasburger, Harry Zimmerman, Jeff R. Temple, Sheri Madigan

Pediatrics May 2019, 143 (5) e20183183; **DOI:** 10.1542/peds.2018-3183

Teen sexting is common. State and federal law vary considerably. We argue that consensual teen sexting is an educational not a law enforcement issue.

[PDF](#)

Special Article

Research Gaps in Primary Pediatric Hypertension

Perdita Taylor-Zapata, Carissa M. Baker-Smith, Gilbert Burckart, Stephen R. Daniels, Joseph T. Flynn, George Giacoia, Dionna Green, Aaron S. Kelly, Mona Khurana, Jennifer S. Li, Charlotte Pratt, Elaine M. Urbina, Anne Zajicek

Pediatrics May 2019, 143 (5) e20183517; **DOI:** 10.1542/peds.2018-3517

Drawing on an expert meeting in 2017, we describe current practices in diagnosing and treating pediatric hypertension and propose ways to fill research gaps.

[PDF](#)

Ethics Rounds

Infant With Trisomy 18 and Hypoplastic Left Heart Syndrome

Stephanie Kukora, Janice Firn, Naomi Laventhal, Christian Vercler, Bryanna Moore, John D. Lantos

Pediatrics May 2019, 143 (5) e20183779; **DOI:** 10.1542/peds.2018-3779

Doctors must decide what to do when parents demand cardiac surgery for an infant with trisomy 18 and hypoplastic left heart syndrome.

[PDF](#)

Quality Reports

□ Improving Care for Sickle Cell Pain Crisis Using a Multidisciplinary Approach

Lyn Balsamo, Veronika Shabanova, Judith Carbonella, Mary V. Szondy, Karen Kalbfeld, Donna-Ann Thomas, Karen Santucci, Matthew Grossman, Farzana Pashankar

Pediatrics May 2019, 143 (5) e20182218; DOI: 10.1542/peds.2018-2218

Through implementation of a unique multidisciplinary program including pharmacologic and nonpharmacologic interventions, hospital days decreased by 61% for children with SCD VOC.

□ [PDF](#)

□ Reduction in Unintended Extubations in a Level IV Neonatal Intensive Care Unit

John P. Galiote, Michelande Ridoré, Jessica Carman, Lisa Zell, Karen Brant, Cheyenne Gayle, Billie L. Short, Darren Klugman, Lamia Soghier
Pediatrics May 2019, 143 (5) e20180897; DOI: 10.1542/peds.2018-0897

Multiple interventions employed over 2 epochs were used to reduce the rate of UEs in the NICU from a mean of 1.75 to 0.68 events per 100 ventilation days.

□ [PDF](#)

Diagnostic Dilemmas

□ A Healthy Toddler With Fever and Lethargy

Neha A. Suri, Colleen W. Meehan, Anjna Melwani

Pediatrics May 2019, 143 (5) e20180412; DOI: 10.1542/peds.2018-0412

A 21-month-old girl with a recent history of fever presented with lethargy and was diagnosed with a well-known condition secondary to a rare disorder.

□ [PDF](#)

Case Reports

□ Tofacitinib Treatment of Refractory Systemic Juvenile Idiopathic Arthritis

Zhixiang Huang, Pui Y. Lee, Xiaoyan Yao, Shaoling Zheng, Tianwang Li

Pediatrics May 2019, 143 (5) e20182845; DOI: 10.1542/peds.2018-2845

The JAK inhibitor tofacitinib may be an effective oral alternative to available biologics for treatment of refractory sJIA.

□ [PDF](#)

□ Beyond an Obvious Cause of Cholestasis in a Toddler: Compound Heterozygosity for *ABCB11* Mutations

Maria Fotoulaki, Styliani Giza, Milan Jirsa, Tassos Grammatikopoulos, Rosa Miquel, Prodromos Hytioglou, Ioannis Tsitouridis, A.S. Knisely
Pediatrics May 2019, 143 (5) e20182146; **DOI:** 10.1542/peds.2018-2146

A 27-month-old girl with severe cholestasis, a compound heterozygote for PFIC2-associated and BRIC2-associated *ABCB11* mutations, over 5 years developed cirrhosis necessitating liver transplant.

[PDF](#)

Colchicine: An Impressive Effect on Posttransplant Capillary Leak Syndrome and Renal Failure

Enrico Cocchi, Federica Chiale, Bruno Gianoglio, Luca Deorsola, Carlo Pace Napoleone, Franca Fagioli, Licia Peruzzi
Pediatrics May 2019, 143 (5) e20182820; **DOI:** 10.1542/peds.2018-2820

In this article, we show the efficacy of colchicine in posttransplant AKI due to CLS, only palliated by surgical drainages and CRRT, in 2 pediatric life-threatening cases.

[PDF](#)

Letters to the Editor

RE: Commentary on Developmental Outcomes in Duarte Galactosemia

Shelli L. Feder
Pediatrics May 2019, 143 (5) e20190477; **DOI:** 10.1542/peds.2019-0477

[PDF](#)

RE: Management of Neonates Born at ≤ 34 6/7 Weeks' Gestation With Suspected or Proven Early-Onset Bacterial Sepsis

David J. Burchfield
Pediatrics May 2019, 143 (5) e20190533A; **DOI:** 10.1542/peds.2019-0533A

[PDF](#)

Authors' Response

Karen M. Puopolo, William E. Benitz, Theoklis E. Zaoutis
Pediatrics May 2019, 143 (5) e20190533B; **DOI:** 10.1542/peds.2019-0533B

[PDF](#)

Errata

Mbaeyi SA, Joseph SJ, Blain A, Wang X, Hariri S, MacNeil JR. Meningococcal Disease Among College-

Aged Young Adults: 2014–2016. *Pediatrics*.

2019;143(1):e20182130

Pediatrics May 2019, 143 (5) e20190342; DOI: 10.1542/peds.2019-0342

[PDF](#)

□ Heard-Garris N, Winkelman TNA, Choi H, et al. Health Care Use and Health Behaviors Among Young Adults With History of Parental Incarceration. *Pediatrics*.

2018;142(3):e20174314

Pediatrics May 2019, 143 (5) e20190534; DOI: 10.1542/peds.2019-0534

□ [PDF](#)



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