

# PERIODICAL REVIEW



A monthly review for readers of  
**Health Care Ethics USA**

MARCH 2019

## AMA JOURNAL OF ETHICS

*March 2019*

Health Care Organizations and Community Development  
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History of Medicine  
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Why We Need a Music Player in Every Patient Room  
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*March 2019*

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Female Genital Cutting (FGC) and the Cultural Boundaries of Medical Practice  
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What to Expect When Expecting CRISPR Baby Number Four  
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### Target Articles

Withholding and Withdrawing Life-Sustaining Treatment: Ethically Equivalent?  
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Withdrawal Aversion and the Equivalence Test  
Dominic Wilkinson, Ella Butcherine & Julian Savulescu

### Open Peer Commentaries

Categorical Mistakes and Moral Biases in the Withholding-Versus-Withdrawal Debate  
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Withdrawing and Withholding Treatment: What Do Medical Professionals Owe Their Patients?  
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Withholding and Withdrawing Life-Sustaining Treatment and the Relevance of the Killing Versus Letting Die Distinction  
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*March 2019*

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Parental Decision Making and the Limitations of the Equivalence Thesis  
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Withholding and Withdrawing: A Religious–Cultural Path Toward a Practical Resolution  
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A Global Dialogue on Withholding and Withdrawal of Medical Care: An East Asian Perspective  
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We Reject the “Equivalence Thesis”  
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Empirical Over Theoretical Ethics: Choosing What Matters to Patients and Families  
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Sunk Cost Bias and Withdrawal Aversion  
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Psychological Hesitancy Is Not an Ethical Standard  
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The Decision to Withdraw in Children with Ventricular Assist Devices  
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No Escalation of Treatment: Moving Beyond the Withholding/Withdrawing Debate  
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“Ceteris Paribus” and Morally Relevant Facts  
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### Book Review

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## HEALTH AFFAIRS

*March 2019*

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Patients As Consumers

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End-Of-Life Care

Community-Focused Health Care for The Seriously Ill

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Health Equity

For A Big-City Health Department, A New Focus on

Health Equity

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Patients & Consumers

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Karandeep Singh, Sean R. Meyer, and John M. Westfall

Patient Engagement in Research: Early Findings from The  
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Lauren Fayish, Laurie Davidson, David H. Hickam,  
Courtney Hall, Geeta Bhat, Denese Neu, Lisa Stewart,  
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Patient-Centered Care, Yes; Patients as Consumers, No  
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Americans' Growing Exposure to Clinician Quality  
Information: Insights and Implications

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Richard V. Milani, Beiqun Zhao, Brian Clay, Christopher  
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Longhurst

Barriers and Facilitators to Community-Based  
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Understanding What Information Is Valued by Research  
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Consumers' Responses to Surprise Medical Bills in Elective  
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Benjamin Chartock, Christopher Garmon, and Sarah  
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Engaging Beneficiaries in Medicaid Programs That  
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Madhulika Vulimiri, William K. Bleser, Robert S. Saunders,  
Farrah Madanay, Connor Moseley, F. Hunter McGuire,  
Peter A. Ubel, Aaron McKethan, Mark McClellan, and  
Charlene A. Wong

Paying Patients to Switch: Impact of A Rewards Program  
on Choice of Providers, Prices, And Utilization

Christopher M. Whaley, Lan Vu, Neeraj Sood, Michael E.  
Chernew, Leanne Metcalfe, and Ateev Mehrotra

Decision-Making Experiences of Consumers Choosing  
Individual-Market Health Insurance Plans

Joachim O. Hero, Anna D. Sinaiko, Jon Kingsdale, Rachel  
S. Gruver, and Alison A. Galbraith

The Roles of Assisters and Automated Decision Support  
Tools in Consumers' Marketplace Choices: Room for  
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Charlene A. Wong, Eric Ellsworth, Farrah Madanay, Dave  
Chandrasekaran, Megan Moore, Daniel Polsky, and Peter  
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Machine-Based Expert Recommendations and Insurance  
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M. Kate Bundorf, Maria Polyakova, Cheryl Stults, Amy  
Meehan, Roman Klimke, Ting Pun, Albert Solomon Chan,  
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My Child Is Sick; Don't Call Her A 'Consumer'  
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## Considering Health Spending

Spillover Effects from A Consumer-Based Intervention to Increase High-Value Preventive Care

Betsy Q. Cliff, Richard A. Hirth, and A. Mark Fendrick

Consumers' Perceptions and Choices Related to Three Value-Based Insurance Design Approaches

Susan L. Perez, Melissa Gosdin, Jessie Kemmick Pintor, and Patrick S. Romano

## Prevention

Funders Supporting Disease Prevention

## Book Reviews

Death and Dying 101

Rachel Dolan

## **JOURNAL OF CLINICAL ETHICS**

*Spring 2019*

At the Bedside

The Edge-of-the-Field of Clinical Ethics Now, After 30 Years: Does Research Ethics Show Us the Way? Edmund D. Howe

Special Section: 30 Years of the Journal of Clinical Ethics

Clinical Medical Ethics: Its History and Contributions to American Medicine

Mark Siegler

Once and Future Clinical Neuroethics: A History of What Was and What Might Be

Joseph J. Fins

Reflection of a Physician-Writer: On Why I Write

Ranjana Srivastava

## **JOURNAL OF MEDICAL ETHICS**

*March 2019*

The Concise Argument

At the moral margins of the doctor-patient relationship  
Michael Dunn

Current Controversy

Drs Bramhall and Bawa-Garba and the rightful domain of the criminal law

Suzanne Ost

Original Research

Computer knows best? The need for value-flexibility in medical AI

Rosalind J McDougall

Temporising and respect for patient self-determination

Jenny Lindberg, Mats Johansson, Linus Broström

## Costs & Spending

National Health Expenditure Projections, 2018–27:

Economic and Demographic Trends Drive Spending and Enrollment Growth

Andrea M. Sisko, Sean P. Keehan, John A. Poisal, Gigi A. Cuckler, Sheila D. Smith, Andrew J. Madison, Kathryn E. Rennie, and James C. Hardesty

Your Data, Your Way

Jessica Bylander

## Letters

Disparities and Use of Patient Portals

Patient Harms Remain Common

Clinical Ethics in Pediatrics: An International Perspective

John D. Lantos, Sarosh Saleem, Fajar Raza, Janicke Syltern, Erwin J. Khoo, Arpana Iyengar, Priya Pais, Jagdish Chinnappa, Pablo Lezama-Del Valle, and André Kidszun

“Clinical” Surgical Ethics

Peter Angelos

Ethics and Evidence

Daniel P. Sulmasy

Cardiopulmonary Resuscitation, Informed Consent, and Rescue: What Provides Moral Justification for the Provision of CPR?

Johan Bester and Eric Kodish

The Market View on conscientious objection: overvalued  
Robert F Card

Current appeal system for those detained in England and Wales under the Mental Health Act needs reform

Paul Gosney, Paul Lomax, Carwyn Hooper, Aileen O'Brien

Ethical complexities in assessing patients' insight

Laura Guidry-Grimes

Extended Essay

Nudging in the clinic: the ethical implications of differences in doctors' and patients' point of view  
David Avitzour, Rani Barnea, Eliana Avitzour, Haim Cohen, Ittay Nissan-Rozen

Drawing the line on physician-assisted death  
Editor's Choice

Lynn A Jansen, Steven Wall, Franklin G Miller

Internal morality of medicine and physician autonomy

Stephen McAndrew

Student Essay

Advance decisions in dementia: when the past  
conflicts with the present

George Gillett

Response

Ensuring appropriate assessment of deemed  
consent in Wales

Jordan Alexander Parsons

## **JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION**

*March 5, 2019*

Original Investigation

Effect of Titrating Positive End-Expiratory Pressure  
(PEEP) With an Esophageal Pressure–Guided Strategy vs  
an Empirical High PEEP-Fio<sub>2</sub> Strategy on Death and  
Days Free from Mechanical Ventilation Among Patients  
With Acute Respiratory Distress Syndrome: A  
Randomized Clinical Trial

Jeremy R. Beitler, MD, MPH; Todd Sarge, MD; Valerie M.  
Banner-Goodspeed, MPH; et al.

Effect of Multinutrient Supplementation and Food-  
Related Behavioral Activation Therapy on Prevention of  
Major Depressive Disorder Among Overweight or Obese  
Adults With Subsyndromal Depressive Symptoms: The  
MooDFOOD Randomized Clinical Trial

Mariska Bot, PhD; Ingeborg A. Brouwer, PhD; Miquel  
Roca, PhD; et al.

Effect of Integrated Behavioral Weight Loss Treatment  
and Problem-Solving Therapy on Body Mass Index and  
Depressive Symptoms Among Patients with Obesity and  
Depression: The RAINBOW Randomized Clinical Trial

Jun Ma, MD, PhD; Lisa Goldman Rosas, PhD, MPH; Nan  
Lv, PhD; et al.

Effect of a Behavioral Intervention Strategy on Sustained  
Change in Physical Activity and Sedentary Behavior in  
Patients with Type 2 Diabetes: The IDES\_2 Randomized  
Clinical Trial

Stefano Balducci, MD; Valeria D'Errico, MD; Jonida  
Haxhi, MD, PhD; et al.

Assessing deemed consent in Wales - the advantages of a  
broad difference-in-difference design

Andreas Albertsen

Moral reasons not to breastfeed: a response to Woollard  
and Porter

Laura Frances Callahan

Who are 'we' to speak of benefits and harms? And to  
whom do we speak? A (sympathetic) response to  
Woollard on breast feeding and language

Ben Saunders

Research Letter

Comparison of National Institutes of Health Grant  
Amounts to First-Time Male and Female Principal  
Investigators

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

Viewpoint

Patients and Physicians in the Era of Modern Cancer  
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George W. Sledge, MD

Enterovirus D68—Associated Acute Flaccid Myelitis:  
Rising to the Clinical and Research Challenges

Kevin Messacar, MD; Kenneth L. Tyler, MD

The Orphan Drug Act Revisited

Shailin Thomas, BS; Arthur Caplan, PhD

The 2018 Farm Bill—Implications and Opportunities for  
Public Health

Dariusz Mozaffarian, MD, DrPH; Timothy Griffin, PhD;  
Jerold Mande, MPH

A Piece of My Mind

Hard Times and Hard Stops

Anne Lucy Lifflander, MD, MPH

Editorial

The Elusive Search for “Best PEEP” and Whether  
Esophageal Pressure Monitoring Helps

Alexandre Biasi Cavalcanti, MD, PhD; Marcelo Britto  
Passos Amato, MD, PhD; Ary Serpa-Neto, MD, PhD

Diet and Depression—From Confirmation to  
Implementation

Michael Berk, MD, PhD; Felice N. Jacka, PhD

Ending the HIV Epidemic: A Plan for the United States  
Anthony S. Fauci, MD; Robert R. Redfield, MD; George  
Sigounas, MS, PhD; et al.

JAMA Insights  
Next-Generation Sequencing of Infectious Pathogens  
Marta Gwinn, MD, MPH; Duncan MacCannell, PhD;  
Gregory L. Armstrong, MD

JAMA Clinical Guidelines Synopsis  
Diagnosis and Management of Infectious Diarrhea  
Keith W. Hamilton, MD; Adam S. Cifu, MD

JAMA Clinical Challenge  
A 54-Year-Old Man with Pancytopenia  
Kapil Saxena, MD; Khoan Vu, MD; Heather E. Nye, MD,  
PhD

Medical News & Perspectives  
Hospitals Turn to Housing to Help Homeless Patients  
Quick Uptakes: Sex-Specific Tumor Signatures Help  
Explain Differences in Glioblastoma Survival

News From the Food and Drug Administration  
A Record Year for Device Approvals

*March 12, 2019*

Original Investigation  
Effect of Epicutaneous Immunotherapy vs Placebo on  
Reaction to Peanut Protein Ingestion Among Children  
with Peanut Allergy: The PEPITES Randomized Clinical  
Trial  
David M. Fleischer, MD; Matthew Greenhawt, MD, MBA,  
MSc; Gordon Sussman, MD, FRCPC; et al.

Association of Midlife Diet with Subsequent Risk for  
Dementia  
Tasnim N. Akbaraly, PhD; Archana Singh-Manoux, PhD;  
Aline Dugravot, MSc; et al.

Association of Tramadol with All-Cause Mortality Among  
Patients With Osteoarthritis  
Chao Zeng, MD, PhD; Maureen Dubreuil, MD, MSc;  
Marc R. LaRochelle, MD, MPH; et al.

Research Letter  
High-Dose Vitamin D Supplementation During Pregnancy  
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Nicklas Brustad, MD; Anders U. Eliassen, MSc; Jakob  
Stokholm, MD, PhD; et al.

Special Communication  
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2018 Frankfurt Consensus Conference  
Markus M. Mueller, MD; Hans Van Remoortel, PhD;  
Patrick Meybohm, MD, PhD; et al.

New Diagnostic Test for Sexually Transmitted Infection  
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Vaccine Protects Mice from Emerging Tick-Borne  
Flaviviruses  
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The Contribution of Holidays to National Vigor

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What Is a Pandemic?  
Dara Grennan, MD

Viewpoint  
Building Trust Between Physicians, Hospitals, and Payers:  
A Renewed Opportunity for Transforming US Health  
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Lewis G. Sandy, MD; Hoangmai H. Pham, MD, MPH;  
Sharon Levine, MD

Optimizing the Timing of Vaccine Administration During  
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Bahaa Abu-Raya, MD; Kathryn M. Edwards, MD

Firearm Policies That Work  
April M. Zeoli, PhD, MPH; Daniel W. Webster, ScD,  
MPH

Maryland Total Cost of Care Model: Transforming Health  
and Health Care  
Katherine J. Sapra, PhD; Katie Wunderlich; Howard Haft,  
MD

A Piece of My Mind  
Wearing Two Hats  
Jeffrey Michael Kowaleski, MD

Editorial  
Safeguarding the Patient's Own Blood Supply  
Michelle P. Zeller, MD; Richard M. Kaufman, MD

## JAMA Clinical Challenge

Abdominal Pain and Vomiting in a Pregnant Woman Who Has Had a Gastric Bypass Procedure  
Peter N. Fedorka, MD; Sameer B. Murali, MD, MSHS;  
David R. Rajaratnam, MD

From the Medical Letter on Drugs and Therapeutics  
Dupilumab (Dupixent) for Asthma

## Editor's Note

Epicutaneous Immunotherapy vs Placebo for Peanut Protein Ingestion Among Peanut-Allergic Children  
Jody W. Zylke, MD

## Medical News & Perspectives

Addressing Medicine's Bias Against Patients Who Are Overweight  
Quick Updates: No Compelling Evidence of Health Benefits from Nonsugar Sweeteners

## News from the Centers for Disease Control and Prevention

School-Associated Youth Homicides  
Transgender Youth Victimization

*March 19, 2019*

## Original Investigation

Effect of Catheter Ablation vs Antiarrhythmic Medication on Quality of Life in Patients with Atrial Fibrillation: The CAPTAF Randomized Clinical Trial  
Carina Blomström-Lundqvist, MD, PhD; Sigfus Gizurarson, MD, PhD; Jonas Schwieler, MD, PhD; et al.

Levels of Evidence Supporting American College of Cardiology/American Heart Association and European Society of Cardiology Guidelines, 2008-2018

Alexander C. Fanaroff, MD, MHS; Robert M. Califf, MD; Stephan Windecker, MD; et al.

Associations of Dietary Cholesterol or Egg Consumption with Incident Cardiovascular Disease and Mortality  
Victor W. Zhong, PhD; Linda Van Horn, PhD; Marilyn C. Cornelis, PhD; et al.

## Research Letter

Disclosure of Religious Identity and Health Care Practices on Catholic Hospital Websites  
Joelle Takahashi, BA; Abigail Cher, BA; Jeanelle Sheeder, PhD; et al.

## A Piece of My Mind

Bearing Witness and Finding Meaning  
Emily J. Martin, MD

## Biotech Innovations

Fit-Testing Transcatheter Aortic Valve Replacements With 3-D Printing  
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## Liver and Lung Transplant Advances

Jennifer Abbasi

## Comment & Response

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## Poetry and Medicine

All Hands  
Ian Wicks, MS, BS, PhD

## JAMA Revisited

Saccharin—After the War

## JAMA Patient Page

Meningococcal Meningitis  
Kathleen A. Linder, MD; Preeti N. Malani, MD, MSJ

## Viewpoint

Rational Dispersion for the Introduction of Transcatheter Mitral Valve Repair into Clinical Practice: Lessons Learned From TAVR  
David R. Holmes Jr, MD; Michael J. Mack, MD

Integrated Adherence Monitoring for Inhaler Medications  
Mark Hew, MBBS, PhD, FRACP; Helen K. Reddel, MBBS, PhD, FRACP

Potential Implications of Private Equity Investments in Health Care Delivery  
Suhas Gondi, BA; Zirui Song, MD, PhD

Enhanced Recovery After Surgery in the United States: From Evidence-Based Practice to Uncertain Science?  
Stavros G. Memtsoudis, MD, PhD, MBA; Jashvant Poeran, MD, PhD; Henrik Kehlet, MD, PhD

## Editorial

The Evidence Supporting Cardiovascular Guidelines: Is There Evidence of Progress in the Last Decade?  
Robert O. Bonow, MD, MS; Eugene Braunwald, MD

Reconsidering the Importance of the Association of Egg Consumption and Dietary Cholesterol with Cardiovascular Disease Risk  
Robert H. Eckel, MD

JAMA Guide to Statistics and Methods  
Choosing a Time Horizon in Cost and Cost-effectiveness  
Analyses

Anirban Basu, PhD; Matthew L. Maciejewski, PhD

#### JAMA Insights

Evaluation of Cardiac Rhythm Abnormalities from  
Wearable Devices

James E. Ip, MD

#### JAMA Clinical Guideline Synopsis

Management of Patients with Atrial Fibrillation

Andrew D. Beaser, MD; Adam S. Cifu, MD

#### Medical News & Perspectives

Clinics Aim to Improve Post-ICU Recovery

Bridget M. Kuehn

Older Adults May Fuel an Upturn in Eczema Cases

Rebecca Voelker, MSJ

News from the Food and Drug Administration

New Treatment for Rare Blood Clotting Disorder

Breast Implant-Associated Lymphoma

Oversight of Supplements

*March 26, 2019*

#### Original Investigation

Effect of Sustained Inflation vs Intermittent Positive  
Pressure Ventilation on Bronchopulmonary Dysplasia or  
Death Among Extremely Preterm Infants: The SAIL  
Randomized Clinical Trial

Haresh Kirpalani, BM, MSc; Sarah J. Ratcliffe, PhD;

Martin Keszler, MD; et al.

Intramyocardial Injection of Mesenchymal Precursor  
Cells and Successful Temporary Weaning from Left  
Ventricular Assist Device Support in Patients with

Advanced Heart Failure: A Randomized Clinical Trial

Terrence M. Yau, MD, MSc, FRCSC; Francis D. Pagani,  
MD, PhD; Donna M. Mancini, MD; et al.

Association Between Year of Birth and 1-Year Survival  
Among Extremely Preterm Infants in Sweden During  
2004-2007 and 2014-2016

Mikael Norman, MD, PhD; Boubou Hallberg, MD, PhD;

Thomas Abrahamsson, MD, PhD; et al.

#### Research Letter

Emergency Medical Services Protocols for Generalized  
Convulsive Status Epilepticus

John P. Betjemann, MD; S. Andrew Josephson, MD;

Daniel H. Lowenstein, MD; et al.

#### Viewpoint

Next Phase in Effective Cost Control in Health Care

Aaron Glickman, BA; Sarah S. P. DiMagno, BA; Ezekiel  
J. Emanuel, MD, PhD

#### The JAMA Forum

Shaking Things Up in California

#### Global Health

Higher HIV Rates in Adolescent Girls Related to Drought  
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#### Comment & Response

Challenges in Research on Suicide Prevention

Reducing the Burden of Fellowship Interviews

#### Poetry and Medicine

The War of All Against All

Jack Coulehan, MD

#### JAMA Patient Page

Cardiac Catheter Ablation for Heart Rhythm  
Abnormalities

Anurag Singh, MD; Ty E. Whisenant, PhD; Alan N. Peiris,  
MD, PhD, FRCP

HIV in the United States: Getting to Zero Transmissions  
by 2030

Ingrid Katz, MD, MHS; Ashish K. Jha, MD, MPH

The True Cost of Measles Outbreaks During the  
Postelimination Era

Maria E. Sundaram, MSPH, PHD; L. Beryl Guterman,  
MSPH; Saad B. Omer, MBBS, MPH, PhD

First-Year Report Cards from the Merit-Based Incentive  
Payment System (MIPS) What Will Be Learned and What  
Next?

Vinay K. Rathi, MD; J. Michael McWilliams, MD, PhD

#### A Piece of My Mind

Rebuilding More of Me

Sourav Sengupta, MD, MPH

#### Editorial

Delivery Room Resuscitation of Extremely Preterm  
Infants

Jeffrey Perlman, MB, ChB

Extremely Preterm Birth Outcomes in Sweden

Matthew A. Rysavy, MD, PhD; Danielle E. Y. Ehret, MD,  
MPH



## Review

In-Hospital Cardiac Arrest: A Review

Lars W. Andersen, MD, MPH, PhD, DMSc; Mathias J. Holmberg, MD, MPH; Katherine M. Berg, MD; et al.

## JAMA Guide to Statistics and Methods

Treatment Effects in Multicenter Randomized Clinical Trials

Stephen J. Senn, PhD; Roger J. Lewis, MD, PhD

## JAMA Clinical Challenge

A 22-Year-Old Man with Painful Vesicles on His Flank

Christopher T. Haley, MD; Stephen K. Tyring, MD, PhD

## Editor's Note

Stem Cell Therapy for Heart Failure: An Unfulfilled Promise?

Gregory Curfman, MD

## Medical News & Perspectives

Paradise's Emergency Department Director Recalls California's Worst Wildfire

Quick Uptakes: Food Allergies: Not Just Kid Stuff

## News from the Centers for Disease Control and Prevention

Newborn Heart Screening

Acute Pain Treatment with Opioids

## Clinical Trial Updates

e-Cigarettes for Smoking Cessation

Scribes Improved ED Productivity

Moderate Physical Activity Speeds Recovery in Concussed Teens

Exercise Delivers Brain Benefits

## L'OSSERVATORE ROMANO

*March 1, 2019*

Uprooting the monstrosity of abuse: Meeting on the Protection of Minors concludes

Man is not the master of creation: Pope's message for lent

Cardinal Pell convicted on charges of abuse of minors

Christian life reflects God's holiness: Francis continues his reflections on the Lord's Prayer

Bow (down) to the wounds

Andrea Monda

Collegiality and Synodality in facing the challenges of abuse

Maurizio Fontana

Now a new journey begins: Final briefing at the Meeting  
Marco Bellizi

## Health Agencies Update

Hospital-Acquired Conditions Decline

Some States Not Following Federal Medicaid Abortion Coverage Rules

Expanding Ambulance Destinations for Medicare Beneficiaries

## JAMA Infographic

Source of Increased Health Care Spending in the United States

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

## Comment & Response

Race and Ethnicity Data in Research

Adverse Events Associated with Immune Checkpoint Inhibitors

## Poetry and Medicine

Suspense

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