# **PERIODICAL** REVIEW



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

# FEBRUARY 2019

#### **AMA JOURNAL OF ETHICS**

*February 2019* Artificial Intelligence in Health Care Ethical Dimensions of Using Artificial Intelligence in Health Care Michael J. Rigby

Case and Commentary How Should AI Be Developed, Validated, and Implemented in Patient Care? Michael Anderson, PhD and Susan Leigh Anderson, PhD

Should Watson Be Consulted for a Second Opinion? David D. Luxton, PhD, MS

How Should Clinicians Communicate with Patients About the Roles of Artificially Intelligent Team Members? Daniel Schiff, MS and Jason Borenstein, PhD

Medical Education Reimagining Medical Education in the Age of AI Steven A. Wartman, MD, PhD and C. Donald Combs, PhD

Emerging Roles of Virtual Patients in the Age of AI C. Donald Combs, PhD and P. Ford Combs, MS

Health Law Are Current Tort Liability Doctrines Adequate for Addressing Injury Caused by AI? Hannah R. Sullivan and Scott J. Schweikart, JD, MBE

# **AMERICAN JOURNAL OF BIOETHICS**

*February 2019* Guest Editorials Multiple Marginalizations: What Bioethics Can Learn from Black Feminism Amal W. Cheema, Karen M. Meagher & Richard R. Sharp Original Research Can AI Help Reduce Disparities in General Medical and Mental Health Care? Irene Y. Chen, Peter Szolovits, PhD, and Marzyeh Ghassemi, PhD

Policy Forum What Are Important Ethical Implications of Using Facial Recognition Technology in Health Care? Nicole Martinez-Martin, JD, PhD

Medicine and Society Making Policy on Augmented Intelligence in Health Care Elliott Crigger, PhD and Christopher Khoury, MSc, MBA

Art of Medicine What Do Warhol, Pollock, and Murakami Teach Us About AI in Health Care? Sam Anderson-Ramos, MFA

Technological Transformation Elisabeth Miller

Podcast Ethics Talk: Challenges and Opportunities for AI in Medical Education: An Interview with Dr Kimberly Lomis and Christopher Khoury

Ethical Guidelines for DNA Testing in Migrant Family Reunification Nita Farahany, Saheel Chodavadia & Sara H. Katsanis

Target Article Intersectionality in Clinical Medicine: The Need for a Conceptual Framework Yolonda Wilson, Amina White, Akilah Jefferson & Marion Danis Open Peer Commentaries Intersectionality and Clinical Decision Making: The Role of Race Yen Ji Julia Byeon, Sherrill L. Sellers & Vence L. Bonham

Clinical Encounters: The Social Justice Question in Intersectional Medicine Patrick Ryan Grzanka & Jenny Dyck Brian

Intersectionality and Power Imbalances Clinicians of Color Face When Patients Request White Clinicians Keisha Shantel Ray

Addressing the Practical Implications of Intersectionality in Clinical Medicine: Ethical, Embodied and Institutional Dimensions Claudia Barned, Corinne Lajoie & Eric Racine

Narrative Ethics and Intersectionality Elizabeth Lanphier & Uchenna Anani

Age Difference in the Clinical Encounter: Intersectionality and Phenomenology Hans-Georg Eilenberger, Annemie Halsema & Jenny Slatman

Is There Cross-Cultural Evidence for an Association Between Intersectionality and Bioethical Decision Making? Not Yet, but Awaiting Advances in Mental Mapping Darryl R. J. Macer

Can Intersectionality Help Lead to More Accurate Diagnosis? Hae Lin Cho

Intersectionality: A Scientific Realist Critique Carles Muntaner & Jura Augustinavicius

An Argument for the Intersectional Education of Those Working in International Humanitarian Medical Nongovernmental Organizations Adriana Clavel-Vazquez & César Palacios-González

Target Article Transgender Children and the Right to Transition: Medical Ethics When Parents Mean Well but Cause Harm Maura Priest

Open Peer Commentaries Moving Beyond Mismatch Robin Dembroff

# **ETHICS & MEDICS**

*February 2019* Observations in a Gender Diversity Clinic Monique Robles, MD True Autonomy/False Dichotomies? Genderqueer Kids and the Myth of the Quick Fix Lauren L. Baker

The Social Context of Adolescents' Right to Transition Joshua Franklin

Decision Making and the Long-Term Impact of Puberty Blockade in Transgender Children Rebecca M. Harris, Amy C. Tishelman, Gwendolyn P. Quinn & Leena Nahata

Should Parental Refusal of Puberty-Blocking Treatment be Overridden? The Role of the Harm Principle Lauren Notini, Rosalind McDougall & Ken C. Pang

Psychological Maltreatment and Medical Neglect of Transgender Adolescents: The Need for Recognition and Individualized Assessment Armand H. Matheny Antommaria, Robert A. Shapiro & Lee Ann E. Conard

The Right to Best Care for Children Does Not Include the Right to Medical Transition Michael Laidlaw, Michelle Cretella & Kevin Donovan

Identification Before Prescription: Necessary Changes for the Support of Transgender Youth Elizabeth R. Boskey & Jonathan M. Marron

Puberty-Blocking Treatment and the Rights of Bad Candidates B. R. George & Danielle M. Wenner

Transgender Children, Puberty Blockers, and the Law: Solutions to the Problem of Dissenting Parents Doriane Lambelet Coleman

A Two-Pronged Approach to Minimizing Harms for Transgender Youth: Medical Interventions and Social Interventions Lisa Campo-Engelstein

Puberty Blockers Are Necessary, but They Don't Prevent Homelessness: Caring for Transgender Youth by Supporting Unsupportive Parents Florence Ashley

# HASTINGS CENTER REPORT

January/February 2019 From the Editor Editorial Trends Gregory E. Kaebnick

Articles Social Media, E-Health, and Medical Ethics Mélanie Terrasse Moti Gorin Dominic Sisti

Other Voices Welcoming the "Intel-ethicist" John Banja

Deep Ethical Learning: Taking the Interplay of Human and Artificial Intelligence Seriously Anita Ho

An Ethical Obligation for Bioethicists to Utilize Social Media Patrick D. Herron

Ethical Use of Social Media Data: Beyond the Clinical Context Catherine M. Hammack

Capacity for Preferences and Pediatric Assent: Implications for Pediatric Practice Mark Christopher Navin Jason Adam Wasserman

Essays Artificial Intelligence and Black-Box Medical Decisions: Accuracy versus Explainability Alex John London

# **HEALTH AFFAIRS**

*February 2019* From the Editor-In-Chief Hospitals, Health IT, And More Alan R. Weil

Health Reform Court Rules Individual Mandate, Entire ACA Unconstitutional Katie Keith

HIV/AIDS For Women Living With HIV, A Trauma-Informed Approach to Care Brian Rinker

Cost & Spending Hospital Prices Grew Substantially Faster Than Physician Prices for Hospital-Based Care In 2007–14 Zack Cooper, Stuart Craig, Martin Gaynor, Nir J. Harish, Harlan M. Krumholz, and John Van Reenen The Strange Tale of Three Identical Strangers: Cinematic Lessons in Bioethics Bryanna Moore Jeremy R. Garrett Leslie Ann McNolty Maria Cristina Murano

Case Study North of Home: Obligations to Families of Undocumented Patients Joseph J. Fins Diego Real de Asúa

Commentary Could We Be Marsupials? Very Premature Babies and Artificial Wombs Dena S. Davis

Requests for PAD and the Assessment of Capacity Thomas B. Strouse

Fighting Novel Diseases amidst Humanitarian Crises Lawrence O. Gostin Neil R. Sircar Eric A. Friedman

Pregnant Women Can Finally Expect Better Angela Ballantyne

Departments IRB Becomes E&HR Gregory E. Kaebnick

#### Hospitals

Performance of Safety-Net Hospitals in Year 1 of the Comprehensive Care for Joint Replacement Model Caroline P. Thirukumaran, Laurent G. Glance, Xueya Cai, Rishi Balkissoon, Addisu Mesfin, and Yue Li

Health Information Technology Does Health Information Exchange Improve Patient Outcomes? Empirical Evidence from Florida Hospitals Min Chen, Sheng Guo, and Xuan Tan

Access To E-Prescriptions and Related Technologies Before and After Hurricanes Harvey, Irma, And Maria Jaime Y. Smith, and Max M. Sow

Global Health Policy

Health System Approaches Are Needed to Expand Telemedicine Use Across Nine Latin American Nations Cynthia M. LeRouge, Manjul Gupta, Guillaume Corpart, and Alejandro Arrieta Considering Health Spending Explaining the Slowdown in Medical Spending Growth Among the Elderly, 1999–2012 David M. Cutler, Kaushik Ghosh, Kassandra L. Messer, Trivellore E. Raghunathan, Susan T. Stewart, and Allison B. Rosen

Variation in Health Spending Growth for The Privately Insured From 2007 To 2014 Zack Cooper, Stuart Craig, Charles Gray, Martin Gaynor, and John Van Reenen

Private Health Insurance Health Care Spending Slowed After Rhode Island Applied Affordability Standards to Commercial Insurers Aaron Baum, Zirui Song, Bruce E. Landon, Russell S. Phillips, Asaf Bitton, and Sanjay Basu

#### Medicare

Improving the Medicare Physician Fee Schedule: Make It Part of Value-Based Payment Robert A. Berenson, and Paul B. Ginsburg

#### Accountable Care

Risk Adjustment in Medicare ACO Program Deters Coding Increases but May Lead ACOs To Drop High-Risk Beneficiaries Adam A. Markovitz, John M. Hollingsworth, John Z. Ayanian, Edward C. Norton, Nicholas M. Moloci, Phyllis L. Yan, and Andrew M. Ryan

Behavioral Health Care Medicare Advantage and Commercial Prices for Mental Health Services Daria Pelech, and Tamara Hayford

Primary Care Primary Care Office Visits for Acute Care Dropped Sharply In 2002–15, While ED Visits Increased Modestly Shih-Chuan Chou, Arjun K. Venkatesh, N. Seth Trueger, and Stephen R. Pitts

#### JOURNAL OF MEDICAL ETHICS

*February 2019* The Concise Argument 'Mrs A': a controversial or extreme case? Jesse Wall

Current Controversy Should clinicians boycott Australian immigration detention? Ryan Essex Maternal & Child Health In States That Border Mexico, Cesarean Rates Were Highest for Hispanic Women Living in Border Counties In 2015 Jill A. McDonald, Anup Amatya, Charlotte C. Gard, and Jesus Sigala

Pharmaceuticals & Medical Technology A Transitioning Epidemic: How the Opioid Crisis Is Driving the Rise in Hepatitis C David Powell, Abby Alpert, and Rosalie L. Pacula

Qualifying Conditions of Medical Cannabis License Holders in The United States Kevin F. Boehnke, Saurav Gangopadhyay, Daniel J. Clauw, and Rebecca L. Haffajee

Trends in Coverage for Disease-Modifying Therapies for Multiple Sclerosis in Medicare Part D Daniel M. Hartung, Kirbee A. Johnston, Adriane Irwin, Sheila Markwardt, and Dennis N. Bourdette

Impact of The Priority Review Voucher Program on Drug Development for Rare Pediatric Diseases Thomas J. Hwang, Florence T. Bourgeois, Jessica M. Franklin, and Aaron S. Kesselheim

Patient-Centered Care Managing Cancer Patients' Expectations Amid Hope and Hype Joseph O. Jacobson

Determinants of Health Homelessness and Health Care: What Is Being Funded?

#### Letters

Immeasurable Time Bias in Exposure to Ivacaftor Educating Caregivers to Provide Safe Care Covering the Uninsured In California Priorities in Patient Safety Real-Time Patient Safety Surveillance Program Telemedicine in Substance Use Disorder Treatment

Advance euthanasia directives: a controversial case and its ethical implications David Gibbes Miller, Rebecca Dresser, Scott Y H Kim

AEDs are problematic, but Mrs A is a misleading case Paul T Menzel

Dementia and advance directives: some empirical and normative concerns Karin R Jongsma, Marijke C Kars, Johannes J M van Delden Response to: 'Dementia and advance directives: some empirical and normative concerns' by Jongsma et al Scott Y H Kim, David Gibbes Miller, Rebecca Dresser

Original Research Contributory injustice in psychiatry Alex James Miller Tate

Taking the blame: appropriate responses to medical error Daniel W Tigard

Situating requests for medical aid in dying within the broader context of end-of-life care: ethical considerations Lori Seller, Marie-Ève Bouthillier, Veronique Fraser

Ethical problems with ethnic matching in gamete donation Hane Htut Maung

Extended Essay The best interest standard and children: clarifying a concept and responding to its critics Johan Christiaan Bester

# JOURNAL OF MORAL THEOLOGY

*January 2019* A Note from the Editors Rachelle Barina, Nathaniel Hibner, Tobias Winright

Repair Work: Rethinking the Separation of Academic Moral Theolo-gians and Catholic Health Care Ethicists Paul J. Wojda

Catholic Bioethicists and Moral Theologians Drifting Apart?: A Se-quela of Specialization and Professionalization Becket Gremmels

Equally Strange Fruit: Catholic Health Care and the Appropriation of Residential Segregation Cory D. Mitchell and M. Therese Lysaught

Does Hospital and Health System Consolidation Serve The Common Good? Michael Panicola Weakening the ethical distinction between euthanasia, palliative opioid use and palliative sedation Thomas David Riisfeldt

Organoids as hybrids: ethical implications for the exchange of human tissues Sarah N Boers, Johannes J M van Delden, Annelien L Bredenoord

Student Essay What are we to make of the charge that human biological enhancement technologies are 'unnatural'? Paul Richard Miller

Response What (or sometimes who) are organoids? And whose are they? Andrea Lavazza

Ethics Briefing Ethics briefing Charlotte Wilson, Veronica English, Julian C Sheather, Ruth Campbell, Olivia Lines, Sophie Brannan

Accompaniment with the Sick: An Authentic Christian Vocation that Rejects the Fallacy of Prosperity Theology Ramon Luzarraga

Grace at the End of Life: Rethinking Ordinary and Extraordinary Means in a Global Context Conor Kelly

A Voice in the Wilderness: Reimagining the Role of Catholic Health Care Mission Leader Michael McCarthy

Theologians in Catholic Healthcare Ministries: Breaking Beyond the Bond with Ethics Darren M. Henson

# JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

*February 5, 2019* Viewpoint Modernizing Clinical Trials for Patients with Cancer Norman E. Sharpless, MD; James H. Doroshow, MD

Assessing the Performance of Aging Surgeons Mark R. Katlic, MD; JoAnn Coleman, DNP, ACNP-BC; Marcia M. Russell, MD HIV Viral Load and Transmissibility of HIV Infection: Undetectable Equals Untransmittable Robert W. Eisinger, PhD; Carl W. Dieffenbach, PhD; Anthony S. Fauci, MD Reducing the Expert Halo Effect on Pharmacy and Therapeutics Committees Jared P. Austin, MD; Stephanie A. C. Halvorson, MD

A Piece of My Mind Losing Vision and Gaining Perspective Bonnielin Swenor, PhD, MPH

Editorial Achieving Clinical Remission for Patients with Rheumatoid Arthritis Daniel Aletaha, MD; Josef S. Smolen, MD

Depth of Anesthesia and Postoperative Delirium Thomas E. F. Abbott, PhD, MRCP; Rupert M. Pearse, MD, FRCA

#### Original Investigation

Effect of Magnetic Resonance Imaging vs Conventional Treat-to-Target Strategies on Disease Activity Remission and Radiographic Progression in Rheumatoid Arthritis: The IMAGINE-RA Randomized Clinical Trial Signe Møller-Bisgaard, MD, PhD; Kim Hørslev-Petersen, MD, DMSc; Bo Ejbjerg, MD, PhD; et al.

Effect of Electroencephalography-Guided Anesthetic Administration on Postoperative Delirium Among Older Adults Undergoing Major Surgery: The ENGAGES Randomized Clinical Trial Troy S. Wildes, MD; Angela M. Mickle, MS; Arbi Ben Abdallah, PhD; et al.

Association of Type 1 Diabetes with Standardized Test Scores of Danish Schoolchildren Niels Skipper, PhD; Amanda Gaulke, PhD; Stine Møller Sildorf, MD, PhD; et al.

The Rational Clinical Examination Will This Patient Be Difficult to Intubate? The Rational Clinical Examination Systematic Review Michael E. Detsky, MD, MSHP; Naheed Jivraj, MBBS, MSc; Neill K. Adhikari, MDCM, MSc; et al.

JAMA Performance Improvement Performing an Inadvertent Procedure Arjun Gupta, MD; Snigdha Jain, MD; Carol Croft, MD

From the Medical Letter on Drugs and Therapeutics Imvexxy – Another Estradiol Vaginal Insert for Dyspareunia

JAMA Patient Page Genital Warts Dara Grennan, MD Research Letter Association Between Value-Based Incentive Programs and Catheter-Associated Urinary Tract Infection Rates in the Critical Care Setting Heather E. Hsu, MD, MPH; Rui Wang, PhD; Maximilian S. Jentzsch, MS; et al.

Medical News & Perspectives American Academy of Pediatrics Says No More Spanking or Harsh Verbal Discipline Can Insects Compete with Beef, Poultry as Nutritional Powerhouses?

News from the Food and Drug Administration Birth Control Device Essure Is Still Under the Microscope App Aids Treatment Retention for Opioid Use Disorder New Chronic Constipation Medication

The JAMA Forum Will State Waivers Save, Reform, or Sabotage Obamacare? Stuart M. Butler, PhD

Bench to Bedside Pattern of Brain Activity Linked to Low Mood in People with High Trait Anxiety Tracy Hampton, PhD

Comment & Response Palliative Care for Patients with Opioid Misuse Treatment of Recurrent Clostridium difficile Infection Physician Burnout

Editorial Physician Burnout—A Serious Symptom, But of What? Thomas L. Schwenk, MD; Katherine J. Gold, MD, MSW, MS Physician Burnout—Reply

The Arts and Medicine A Neuropsychologist's Odyssey: Lyric Experimentation Breathes Life into Loss Eben S. Schwartz, PhD

Poetry and Medicine The Body Is the Person Carol Snyder Halberstadt

JAMA Revisited Is Everybody Happy? Abstract Full Text *February 12, 2019* Viewpoint Trust in Health Care A Framework for Increasing Trust Between Patients and the Organizations That Care for Them Thomas H. Lee, MD, MSc; Elizabeth A. McGlynn, PhD; Dana Gelb Safran, ScD

Increasing Smoking Cessation in the United States: Expanding the Availability of Over-the-Counter Medications Scott J. Leischow, PhD

The Rise of Pseudomedicine for Dementia and Brain Health Joanna Hellmuth, MD, MHS; Gil D. Rabinovici, MD; Bruce L. Miller, MD

A Piece of My Mind Permanent Ink Paige Luneburg, MD

Editorial Trust in Health Care Howard Bauchner, MD

Prevention of Cognitive Impairment with Intensive Systolic Blood Pressure Control Kristine Yaffe, MD

Perinatal Depression: Recommendations for Prevention and the Challenges of Implementation Marlene P. Freeman, MD

Original Investigation Effect of Intensive vs Standard Blood Pressure Control on Probable Dementia: A Randomized Clinical Trial The SPRINT MIND Investigators for the SPRINT Research Group

Effect of Combination of Paracetamol (Acetaminophen) and Ibuprofen vs Either Alone on Patient-Controlled Morphine Consumption in the First 24 Hours After Total Hip Arthroplasty: The PANSAID Randomized Clinical Trial

Kasper Højgaard Thybo, MD; Daniel Hägi-Pedersen, PhD; Jørgen Berg Dahl, DMsci; et al.

Association of Left Ventricular Ejection Fraction and Symptoms with Mortality After Elective Noncardiac Surgery Among Patients with Heart Failure Benjamin J. Lerman, BS; Rita A. Popat, PhD; Themistocles L. Assimes, MD, PhD; et al. US Preventive Services Task Force Recommendation Statement - Interventions to Prevent Perinatal Depression: US Preventive Services Task Force Recommendation Statement US Preventive Services Task Force

Evidence Report - Interventions to Prevent Perinatal Depression: Evidence Report and Systematic Review for the US Preventive Services Task Force Elizabeth O'Connor, PhD; Caitlyn A. Senger, MPH; Michelle L. Henninger, PhD; et al.

JAMA Guide to Statistics and Methods Using the E-Value to Assess the Potential Effect of Unmeasured Confounding in Observational Studies Sebastien Haneuse, PhD; Tyler J. VanderWeele, PhD; David Arterburn, MD

JAMA Clinical Challenge A Fussy Infant with a Generalized Papulovesicular Rash Ge Qian, MD; Ligong Hou, MD; Wu Guo, MD

Research Letter Buprenorphine Coverage in the Medicare Part D Program for 2007 to 2018 Daniel M. Hartung, PharmD, MPH; Kirbee Johnston, MPH; Jonah Geddes, MPH; et al.

Performance of the Centers for Medicare & Medicaid Services' Opioid Overutilization Criteria for Classifying Opioid Use Disorder or Overdose Yu-Jung Jenny Wei, PhD; Cheng Chen, BSPharm; Amir Sarayani, PharmD; et al.

Medical News & Perspectives New Planned Parenthood President: No Politics in the Exam Room

The JAMA Forum The 2018 Midterm Election Results and Health Care Gail Wilensky, PhD

News from the Centers for Disease Control and Prevention Contaminated Bypass Equipment Wound Botulism Outbreak

Biotech Innovations Imaging Needle to Detect Blood Vessels During Brain Tumor Biopsy Advanced Brain-Computer Interface for People with Paralysis New Deep Brain Stimulation Target for Mood Disorders Comment & Response Age of Initiation of Cervical Cancer Screening Antibiotics for Ceftriaxone-Resistant Gram-Negative Bacterial Bloodstream Infections

The Arts and Medicine The Waverly Gallery—Dementia on Broadway Michael Berkwits, MD, MSCE

JAMA Revisited Literature as an Aid to Restoration

*February 19, 2019* Viewpoint Should Physicians Recommend Replacing Opioids with Cannabis? Keith Humphreys, PhD; Richard Saitz, MD, MPH

Can Maintenance of Certification Pass the Test? Steven E. Weinberger, MD

Opioid Prescribing Limits for Acute Pain: Potential Problems with Design and Implementation Kao-Ping Chua, MD, PhD; Chad M. Brummett, MD; Jennifer F. Waljee, MD, MPH, MS

A Piece of My Mind Promoting Sensible Parenting Policies: Leading by Example Rebekah Diamond, MD

#### Editorial

How Best to Resuscitate Patients with Septic Shock? Derek C. Angus, MD, MPH

Addressing the Psychological Symptoms of Critical Illness: The Importance of "Negative" Trials in Guiding Next Steps Erin K. Kross, MD; Kathryn I. Pollak, PhD; J. Randall Curtis, MD, MPH

Mitigating Health Risks of Prescription Drugs: Lessons from FDA Oversight of Opioid Products Ameet Sarpatwari, JD, PhD; Gregory Curfman, MD

JAMA Clinical Challenge Blurry Vision and a Black Ink Tattoo Kisha D. Piggott, MD, PhD; P. Kumar Rao, MD

Original Investigation Assessment of the FDA Risk Evaluation and Mitigation Strategy for Transmucosal Immediate-Release Fentanyl Products

Jeffrey Eric Rollman, MPH, NRP; James Heyward, MPH; Lily Olson, BA; et al. Poetry and Medicine Verdict: Stage Four Aden Ross, PhD

JAMA Patient Page Counseling Interventions to Prevent Perinatal Depression Jill Jin, MD, MPH

Caring for the Critically Ill Patient - Effect of a Resuscitation Strategy Targeting Peripheral Perfusion Status vs Serum Lactate Levels on 28-Day Mortality Among Patients with Septic Shock: The ANDROMEDA-SHOCK Randomized Clinical Trial Glenn Hernández, MD, PhD; Gustavo A. Ospina-Tascón, MD, PhD; Lucas Petri Damiani, MSc; et al.

Caring for the Critically Ill Patient - Effect of a Nurse-Led Preventive Psychological Intervention on Symptoms of Posttraumatic Stress Disorder Among Critically Ill Patients: A Randomized Clinical Trial Dorothy M. Wade, PhD; Paul R. Mouncey, MSc; Alvin Richards-Belle, BSc; et al.

Preliminary Communication

Effect of Intravenous Acetaminophen vs Placebo Combined with Propofol or Dexmedetomidine on Postoperative Delirium Among Older Patients Following Cardiac Surgery: The DEXACET Randomized Clinical Trial Balachundhar Subramaniam, MD, MPH; Puja Shankar,

MD; Shahzad Shaefi, MD, MPH; et al.

JAMA Guide to Statistics and Methods Mediation Analysis Hopin Lee, PhD; Robert D. Herbert, PhD; James H. McAuley, PhD

JAMA Diagnostic Test Interpretation Sweat Chloride Testing Cormac McCarthy, MD, PhD; John P. Clancy, MD; John Brewington, MD

Research Letter Use of Active Surveillance or Watchful Waiting for Low-Risk Prostate Cancer and Management Trends Across Risk Groups in the United States, 2010-2015 Brandon A. Mahal, MD; Santino Butler, BA; Idalid Franco, MD, MPH; et al. Medical News & Perspectives Are Probiotics Money Down the Toilet? Or Worse? Jennifer Abbasi

News from the Food and Drug Administration Eye-Tracking Test Approved to Help Diagnose Concussion FDA Approves Bacteriophage Trial Measuring Breast Milk Nutrients to Support Optimal Infant Growth

The JAMA Forum Medical Scribes, Productivity, and Satisfaction Elsa Pearson, MPH; Austin Frakt, PhD

Global Health Yemen's Deadly Cholera Epidemic Hydroxyurea Safe and Effective for Sickle Cell Anemia Multidrug Ebola Trial Underway in Democratic Republic of Congo

#### February 26, 2019

Viewpoint The Path to Diagnostic Excellence Includes Feedback to Calibrate How Clinicians Think Ashley N. D. Meyer, PhD; Hardeep Singh, MD, MPH

Potential Excessive Testing at Scale: Biomarkers, Genomics, and Machine Learning Kenneth D. Mandl, MD, MPH; Arjun K. Manrai, PhD

Long-term Potential Implications of Immigration Barriers for Medical Education Carrie L. Radabaugh, MPP; Catherine M. Welcher, BA; Susan E. Skochelak, MD, MPH

A Decade of Health Information Technology Usability Challenges and the Path Forward Raj M. Ratwani, PhD; Jacob Reider, MD; Hardeep Singh, MD, MPH

Supervised Injection Facilities: Legal and Policy Reforms Lawrence O. Gostin, JD; James G. Hodge Jr, JD, LLM; Chelsea L. Gulinson, JD

#### Editorial

A New Personalized, Patient-Centric, and Cost-Conscious Guideline for Contemporary Cholesterol Management Eric Peterson, MD, MPH; Philip Greenland, MD

Rationing of Health Care in the United States: An Inevitable Consequence of Increasing Health Care Costs Howard Bauchner, MD JAMA Revisited Weather and Disease Comment & Response Long-term Follow-up of Antibiotics vs Surgery for Appendicitis Gestational Diabetes and Childhood Obesity

The Arts and Medicine Whipped Cream—Viennese Ballet and Pop Surrealism Meet Dark Medicine Jason F. Wang, BA; Nicholas A. Soter, MD; Simon A. Morrison, PhD

Poetry and Medicine Beyond Reason Lala Tanmoy Das

JAMA Patient Page Surgical Decision Making for Older Adults Jill Q. Dworsky, MD, MS; Marcia M. Russell, MD

A Piece of My Mind Full Circle Reem A. Abu-Libdeh, MD

Original Investigation Effect of Patient-Centered Transitional Care Services on Clinical Outcomes in Patients Hospitalized for Heart Failure: The PACT-HF Randomized Clinical Trial Harriette G. C. Van Spall, MD, MPH; Shun Fu Lee, PhD; Feng Xie, PhD; et al.

Association of Overlapping Surgery with Perioperative Outcomes Eric Sun, MD, PhD; Michelle M. Mello, JD, PhD; Chris A. Rishel, MD, PhD; et al.

Association of Genetic Variants in NUDT15 With Thiopurine-Induced Myelosuppression in Patients with Inflammatory Bowel Disease Gareth J. Walker, MBBS; James W. Harrison, PhD; Graham A. Heap, PhD; et al.

#### Review

Diagnosis and Outpatient Management of Chronic Obstructive Pulmonary Disease: A Review Craig M. Riley, MD; Frank C. Sciurba, MD

JAMA Guide to Statistics and Methods Number Needed to Treat: Conveying the Likelihood of a Therapeutic Effect Jeffrey L. Saver, MD; Roger J. Lewis, MD, PhD JAMA Clinical Guidelines Synopsis Management of Blood Cholesterol Francis J. Alenghat, MD, PhD; Andrew M. Davis, MD, MPH

Research Letter Radiation Contamination Following Cremation of a Deceased Patient Treated with a Radiopharmaceutical Nathan Y. Yu, MD; William G. Rule, MD; Terence T. Sio, MD, MS; et al.

Editor's Note Overlapping Surgery and Perioperative Outcomes Edward H. Livingston, MD

Medical News & Perspectives Why Are Mothers Still Passing Syphilis to Their Babies? New Cholesterol Guidelines Personalize Risk and Add Treatments

The JAMA Forum Teaching Pelvic Examination Under Anesthesia Without Patient Consent Eli Y. Adashi, MD, MS

News from the Centers for Disease Control and Prevention Declining Opioid Prescriptions US Contraceptive Use

Clinical Trials Update Cessation Intervention for Low-Income Smokers Posters Teach the Basics of Birth Control Exercise for Older Adults with Cognitive Impairment

# **KENNEDY INSTITUTE OF ETHICS JOURNAL**

December 2018 Feature Articles Rightly or for Ill: The Ethics of Individual Memory Alison Reiheld

Microaggressions in Clinical Medicine Lauren Freeman and Heather Stewart

Navigating the Perfect Storm: Ethical Guidelines for Conducting Research Involving Participants with Multiple Vulnerabilities Andrew M. Childress and Christopher R. Thomas

# L'OSSERVATORE ROMANO

*February 1, 2019* Builders of the culture of encounter: Pope Francis in Panama for World Youth Day BMI Not a Good Proxy for Breast Cancer Risk Digital CBT Reduces Insomnia Symptoms Round the Clock

Health Agencies Update Preventing EHR Confusion Artificial Intelligence for Cervical Precancer Screening Best Practices for Pain Management

Comment & Response Thyroid Hormone Therapy for Subclinical Hypothyroidism Arthroscopic Partial Meniscectomy vs Physical Therapy for Nonobstructive Meniscal Tears Case-Control Studies

The Arts and Medicine Filling Absence Through Medical Imaging – The Art of Marilène Oliver Carrie A. Butt

Poetry and Medicine Santa Librada James Wilk, MD

JAMA Revisited Feigned Amnesia as a Defense Reaction George E. Price, M.D.; William B. Terhune, M.D.

JAMA Patient Page Leptospirosis Dara Grennan, MD

Book Reviews Bioethicists Are More Like Bricoleurs than Engineers: Reflections on Fredrik Svenaeus's Phenomenological Bioethics Erik Parens

Young people offer a counter-response to walls built by nationalism

Land of convocation and dreams: Discourse to authorities and representatives of civil society

For a Church of compassion: Meeting with Central American Bishops

The Pope's youthful heart

Teachers and builders of the culture of encounter: With young people for the opening of WYD

Labels build walls that isolate and divide: Penitential liturgy at the youth detention centre

Every man has a horizon

Exploitation, criminal activity and abuse feed on young lives: Via Crucis at the Campo Santa Maria La Antigua

In the sign of Mary

Overcome the weariness of hope: Mass and dedication of the altar of the Santa Maria La Antigua Cathedral

*February 8, 2019* Holy Father and Grand Imam sign 'Document on Human Fraternity'

Cardinal Fernando Sebastián Aguilar dies: Archbishop emeritus of Pamplona y Tudela

The dialogue between Christianity and Islam is a decisive factor for peace in the world

The middle east must become a land of peace: Audience with the Commission for theological dialogue between Catholic and Orthodox Churches

Consecrate life a time of encounter with God: Pope Francis celebrates the Feast of the Presentation of the Lord

For children in Yemen: Holy Father's appeal on 'Pro-life Day' celebrated in Italy

Faith in God unites and does not divide: Video message to the people of the United Arab Emirates

#### February 15, 2019

There is no room for 'I' in prayer: Holy Father's catechesis at the General Audience

The fight against hunger must be more than just a slogan: To International Fund for Agricultural Development Benedict XVI: six years since historic announcement

A change of attitude is essential: Fr Zollner looks ahead to the meeting on protection of minors

The love story that is life

Courage and trust to imitate Mary's 'yes': Prayer vigil with young people in the Campo San Juan Pablo II

You are the 'now of God': Closing Mass of WYD in Panama

Here we are born: Visit to a home for AIDS patients

With a gaze on world tragedies: After the Marian prayer

Limitations and weaknesses must not stop the mission: Pope thanks WYD volunteers

In the confessional I understood the tragedy of abortion: Press conference on the return flight from Panama to Rome Andrea Tornielli

Pope Francis and the courage of encounter

800 years later, a new embrace and commitment in the sign of peace Andrea Tornielli

Brothers, children of the same merciful Father Andrea Monda

God is with those who seek peace: Pope Francis delivers his first address in the UAE

The Beatitudes are a roadmap for life: Closing Mass in Abu Dhabi

Fraternity and peace, but from the perspective of Heaven

In the footsteps of Saint Francis

Religion is never violence: Grand Imam and UEA Prime Minister

A grateful farewell from the Holy Father: Pope's final remarks after closing Mass in Abu Dhabi

Maurizio Fontana Crimes against humanity: Denouncing modern forms of slavery

Pope's intention for February: Apostleship of Prayer

There can be no sustainable development without solidarity: Video message to the World Government Summit The declaration I signed with the Grand Imam adheres to the Council: Press conference on the return flight from Abu Dhabi to Rome

A timely Magisterium

Marriage requires unity and fidelity: Pope's audience to the Tribunal of the Roman Rota

Out of the shadows: Australian Bishops for the promotion of women

*February 22, 2019* Hear the cry of the little ones who plead for justice Maurizio Fontana

Theodore Edgar McCarrick dismissed from clerical status: Announced by Congregation for the Doctrine of the Faith

Eternally begging for love: Pope Francis continues his catechesis on the Lord's Prayer

Cultural mingling: At the Indigenous People's Forum

Few have too much and too many have too little: The Pope to IFAD staff

The fight against hunger cannot be a mere slogan: Pontiff's discourse to the Governing Council of the International Fund for Agricultural Development

# **NEW ENGLAND JOURNAL OF MEDICINE**

*February 7, 2019* Perspective Heart and Sole — Of Metatarsals, Meaning, and Medicine L. Rosenbaum

A Step toward Protecting Payments for Primary Care B.E. Landon

Risk Compensation and Clinical Decision Making — The Case of HIV Preexposure Prophylaxis J.L. Marcus, K.A. Katz, D.S. Krakower, and S.K. Calabrese

Addressing a Core Gap in Cancer Care — The NCI Moonshot Program to Help Oncology Patients Stop Smoking R.T. Croyle, G.D. Morgan, and M.C. Fiore

Original Articles Omadacycline for Community-Acquired Bacterial Pneumonia R. Stets and Others

Omadacycline for Acute Bacterial Skin and Skin-Structure Infections W. O'Riordan and Others A chip installed in every heart: Interview with American writer Kary Karr Elena Buia Rutt

Four Centuries of Carmelite Presence in India: The Order celebrates a milestone in the mission Fr Saverio Cannistrà, OCD

Report exploitation and slavery: A new appeal against human trafficking

Four days that will leave their mark Andrea Tornielli

Courage and Concreteness to heal the wounds of abuse

Points of reflection

Testimonies of the victims

The abuse of children is always wrong: Statement of Major Superiors prior to the Meeting on the Protection of Minors

On the call to holiness in our common home Kevin W. Irwin

Pastoral responsibility for the protection of minors: Looking ahead to the meeting in the Vatican

Angiotensin–Neprilysin Inhibition in Acute Decompensated Heart Failure E.J. Velazquez and Others

Phase 1 Trial of an RNA Interference Therapy for Acute Intermittent Porphyria E. Sardh and Others

Clinical Practice Depression in the Primary Care Setting L.T. Park and C.A. Zarate, Jr.

Review Article Frontiers in Medicine: Organoids — Preclinical Models of Human Disease M. Li and J.C. Izpisua Belmonte

Images in Clinical Medicine Cutaneous Malakoplakia T. Gliddon and K. Proudmore

Oral and Genital Ulcers in Behçet's Disease L.S. Guedes-Barbosa Clinical Problem-Solving The Devil Is in the Details E. Ben-Chetrit, L. Shavit, A. Tvito, M. Korem, and A. Bnaya

Editorials Omadacycline — The Newest Tetracycline H.F. Chambers

PIONEERing the In-Hospital Initiation of Sacubitril– Valsartan J. Jarcho

*February 14, 2019* Perspective Brazil's Fight against Hepatitis C — Universalism, Local Production, and Patents E.M. da Fonseca, K. Shadlen, and F.I. Bastos

Universal Medicine Access through Lump-Sum Remuneration — Australia's Approach to Hepatitis C S. Moon and E. Erickson

Reducing Unfair Out-of-Network Billing — Integrated Approaches to Protecting Patients M.A. Hall, L. Adler, P.B. Ginsburg, and E. Trish

Residual Disease after Neoadjuvant Therapy — Developing Drugs for High-Risk Early Breast Cancer T.M. Prowell, J.A. Beaver, and R. Pazdur

Original Articles Trastuzumab Emtansine for Residual Invasive HER2-Positive Breast Cancer G. von Minckwitz and Others

A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy P. Hajek and Others

Decolonization to Reduce Postdischarge Infection Risk among MRSA Carriers S.S. Huang and Others

Review Article Aspiration Pneumonia L.A. Mandell and M.S. Niederman

Images in Clinical Medicine Heart of Gold S. Leuin and J. Handwerker Clinical Decisions Early Administration of Antibiotics for Suspected Sepsis M.Y. Mi, M. Klompas, and L. Evans

Correspondence Organ Donation and Drug Intoxication–Related Deaths in the United States Wearable Cardioverter–Defibrillator after Myocardial Infarction More on Mu-Opioid Receptor Antagonists in PD-1 Blockade–Induced Pruritus

Thrombus in Transit J. Ng and M.P. Pelletier

Case Records of The Massachusetts General Hospital Case 5-2019: A 48-Year-Old Woman with Delusional Thinking and Paresthesia of the Right Hand C. Hogan and Others

Editorials Further Progress for Patients with Breast Cancer D.F. Hayes

E-Cigarettes to Assist with Smoking Cessation B. Borrelli and G.T. O'Connor

The Dangerous Flavors of E-Cigarettes J.M. Drazen, S. Morrissey, and E.W. Campion

Clinical Implications of Basic Research Notch and Nonalcoholic Fatty Liver and Fibrosis S. Romeo

Medicine and Society Teamwork — Part 1: Divided We Fall L. Rosenbaum

Correspondence Youth Vaping and Associated Risk Behaviors — A Snapshot of Colorado Oral Immunotherapy for Peanut Allergy Attention Deficit–Hyperactivity Disorder and Month of School Enrollment Lymphedema after Breast Cancer Treatment Case 29-2018: A Woman with Infertility More on Blastic Plasmacytoid Dendritic-Cell Neoplasms *February 21, 2019* Perspective Case Studies in Social Medicine: Structural Iatrogenesis — A 43-Year-Old Man with "Opioid Misuse" S. Stonington and D. Coffa

Don't Ruin My Life — Aging and Driving in the 21st Century L. Aronson

Endings, Beginnings S. Levenstein

Original Articles Apixaban to Prevent Venous Thromboembolism in Patients with Cancer M. Carrier and Others

Rivaroxaban for Thromboprophylaxis in High-Risk Ambulatory Patients with Cancer A.A. Khorana and Others

Once-Daily Plazomicin for Complicated Urinary Tract Infections F.M.E. Wagenlehner and Others

Sacituzumab Govitecan-hziy in Refractory Metastatic Triple-Negative Breast Cancer A. Bardia and Others

Low-Dose Methotrexate for the Prevention of Atherosclerotic Events P.M. Ridker and Others

Review Article Initial Care of the Severely Injured Patient D.R. King

*February 28, 2019* Perspective Patient-Experience Data and Bias — What Ratings Don't Tell Us K.G. Poole, Jr.,

Closing the Gap — Making Medical School Admissions More Equitable E. Talamantes, M.C. Henderson, T.L. Fancher, and F. Mullan

Racist Like Me — A Call to Self-Reflection and Action for White Physicians D. Cohan

Loud, Gray, and Arbitrary — The Compounding Trauma of Detention for Asylum Seekers K.C. McKenzie Images in Clinical Medicine Sporotrichosis J. Qin and J. Zhang

Pituitary Hyperplasia from Primary Hypothyroidism K.S. Shivaprasad and K. Siddardha

Case Records of The Massachusetts General Hospital Case 6-2019: A 29-Year-Old Woman with Nausea, Vomiting, and Diarrhea A.Y. Walley, S.E. Wakeman, and G. Eng

Editorials Direct Oral Anticoagulants for Thromboprophylaxis in Ambulatory Patients with Cancer G. Agnelli

Needed: Antimicrobial Development E. Cox, S. Nambiar, and L. Baden

Medicine and Society Teamwork — Part 2: Cursed by Knowledge — Building a Culture of Psychological Safety L. Rosenbaum

Correspondence Plazomicin for Infections Caused by Carbapenem-Resistant Enterobacteriaceae Minimally Invasive or Abdominal Radical Hysterectomy for Cervical Cancer Palbociclib and Fulvestrant in Breast Cancer Neonatal Organ Donation

Original Articles Bag-Mask Ventilation during Tracheal Intubation of Critically Ill Adults J.D. Casey and Others

A Randomized Trial of Lymphadenectomy in Patients with Advanced Ovarian Neoplasms P. Harter and Others

Variant PADI3 in Central Centrifugal Cicatricial Alopecia L. Malki and Others Brief Report: Molecular Support for Heterogonesis Resulting in Sesquizygotic Twinning M.T. Gabbett and Others

Review Article Intimate Partner Violence E. Miller and B. McCaw Images in Clinical Medicine Cardiac Metastases in Melanoma H. Safa and I.C. Glitza Oliva

Spindle-Cell Sarcoma of the Tongue M. Brucoli and A. Benech

Case Records of The Massachusetts General Hospital Case 7-2019: A 73-Year-Old Woman with Swelling of the Right Groin and Fever J.D. Soumerai, S.H. Tajmir, M.S. Hirsch, and L.R. Massoth

Editorials Preventing Dogma from Driving Practice P.A. Kritek and A.M. Luks

Ovarian Cancer Surgery — Heed This LION's Roar E.L. Eisenhauer and D.S. Chi

Genetic Susceptibility to Alopecia J. Uitto

#### ORIGINS

*February 7, 2019* Panamá Visit: Meeting with Civil Authorities Pope Francis

Panamá Visit: Meeting with Bishops of Central America Pope Francis

Panamá Visit: World Youth Day Welcome Ceremony Pope Francis

*February 14, 2019* Panamá Visit: Mass with Priests, Men and Women Religious, and Lay Movements Pope Francis

Panamá Visit: World Youth Day Vigil Pope Francis

Panamá Visit: World Youth Day Closing Mass Pope Francis

*February 21, 2019* United Arab Emirates Visit: Speech at Interreligious Gathering Pope Francis

Human Fraternity for World Peace and Living Together Pope Francis and Sheikh Ahmad el-Tayeb

United Arab Emirates Visit: Homily at Mass in Abu Dhabi Pope Francis Clinical Implications of Basic Research Alternative Splicing in Tumors — A Path to Immunogenicity? J.E. Slansky and P.T. Spellman

Medicine and Society Teamwork — Part 3: The Not-My-Problem Problem L. Rosenbaum

Correspondence Oocyte Cryopreservation in a Transgender Male Adolescent Low Incidence of Hospital-Onset Clostridium difficile Infection in Sickle Cell Disease Atezolizumab plus Chemotherapy in Small-Cell Lung Cancer Candida auris in an Intensive Care Setting The Role of Deferiprone in Iron Chelation

Panamá Visit: Visit to Youth Detention Center Pope Francis

Panamá Visit: Way of the Cross with Young People Pope Francis

Panamá Visit: Meeting with World Youth Day Volunteers Pope Francis

Panamá Visit: News Conference Aboard Plane to Rome Pope Francis

United Arab Emirates Visit: News Conference Aboard Plane to Rome Pope Francis

Speech to the Roman Rota Pope Francis *February 28, 2019* The Power of Listening to the Peripheries on the Sex Abuse Crisis Cardinal Joseph W. Tobin

Statement Prior to the Meeting on the Protection of Minors in Rome International Union of Superiors General and the Union of Superiors General

#### **THEOLOGICAL STUDIES**

March 2019 Current Theology The Birth of American Catholic Theology Roger Haight, SJ

Dragon Myths and Biblical Theology Robert D. Miller, II, OFS

Karl Rahner's Theological Logic, Phenomenology, and Anticipation Peter Joseph Fritz

Cruciform Encounter in a Time of Crisis: Enfleshing an Ethics of Alterity Brain Bajzek

Pope Francis and the Christological Dimensions of Solidarity in Catholic Social Teaching Meghan J. Clark

Integral Human Development: From Paternalism to Accompaniment Stephen J. Pope

Notes on Theological Ethics Making Sense of Eighty Years of Theological Ethics James F. Keenan, SJ

Just War, Pacifism, Just Peace, and Peacebuilding Lisa Sowle Cahill

Pope Francis and Catholic Healthcare Ethics Cathleen Kaveny

Sings of the Times "Your one wild and precious life": Women on the Road of Ministry Elizabeth A. Johnson

Book Reviews Snodgrass, Klyne R.: Stories with Intent Reviewed by Amy-Jill Levine

Pannikkar, Raimon: Cultures and Religions in Dialogue Reviewed by Hans Gustafson Reactions to Laicization of Theodore McCarrick Catholic Officialism, Abuse Survivor

Healing the Breach of Trust Cardinal Daniel N. DiNardo

The Role of the Laity in Responding to the Sex Abuse Crisis John Garvey

Chiu, José Enrique Aguilar, Richard J. Clifford, Carol J. Dempsey, Eileen M. Schuller, Thomas D. Stegman, and Donald D. Witherup, (eds): The Paulist Biblical Commentary Reviewed by Gerald O'Collins, SJ

Cavanaugh, William T., and James K.A. Smith (eds): Evolution and the Fall Reviewed by Richard J. Clifford, SJ

O'Malley, SJ, John W.: The Jesuits and the Popes Reviewed by Thomas Worcester, SJ

Ohst, Martin (ed): Schleiermacher Handbuch Reviewed by Christopher Adair-Toteff

Eikrem, Alse: God as Sacrifical Love Reviewed by Neil Ormerod

Godzieba, Anthony J.: A Theology of the Presence and Absence of God Reviewed by Michael L. Cook, SJ

Horan, OFM, Daniel P.: All God's Creatures Reviewed by Thomas Massaro, SJ

Simpson, Christopher, Ben and Brendan Thomas Sammon (eds): William Desmond and Contemporary Theology Reviewed by Ryan Duns, SJ

Olson, Edwin E.: And God Created Wholeness Reviewed by Joseph A. Bracken, SJ

Corrigan, John (ed): Feeling Religion John-Okoria Ibhakewanlan, SJ

Panikkar, Raimon., and Milena Carrara Paven (ed.): Opera Omnia Volume V, Buddhism Reviewed by David B. Gray

Orobator, Agbonkhianmege E.: Religion and Faith in Africa Reviewed by T. Howland Sanks