# PERIODICAL REVIEW



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

## AUGUST 2019

#### AMA JOURNAL OF ETHICS

August 2019

Access to Prescription Medications Ethics of Prescription Medication Access, Innovation, and Prescribing Audiey C. Kao, MD, PhD

Case and Commentary

How Should Physicians Steward Limited Resources While Ensuring That Patients Can Access Needed Medicines?

Pete Croughan and Rebekah E. Gee, MD, MPH

Medical Education

How Should Medical Education Better Prepare Physicians for Opioid Prescribing? Rohanit Singh and Gary W. Pushkin, MD

AMA Code Says

AMA Code of Medical Ethics' Opinions Related to Prescription Drugs Rachel F. Harbut and Danielle Hahn Chaet, MSB

State of the Art and Science Evolving Medicaid Coverage Policy and Rebates Jennifer A. Ohn, MPH and Anna Kaltenboeck, MA

Are Medicaid Closed Formularies Unethical? Leah Rand, DPhil and Govind Persad, JD, PhD

# AMERICAN JOURNAL OF BIOETHICS

August 2019

Guest Editorial

Mind the Gap: The Ethics Void Created by the Rise of Citizen Science in Health and Biomedical Research Bray Patrick-Lake & Jennifer C. Goldsack Policy Forum

Should a Law Governing the Pharmaceutical Market Be Ethically Examined Based on Its Intent or Its Practical Applications?

Jordan M. Warchol, MD, MPH

Why Are Biosimilars Not Living Up to Their Promise in the US?

Mike Z. Zhai, Ameet Sarpatwari, JD, PhD, and Aaron S. Kesselheim, MD, JD, MPH

Medicine and Society

Does Incorporating Cost-Effectiveness Analysis into Prescribing Decisions Promote Drug Access Equity? Michael J. DiStefano, MBE and Jonathan S. Levin, MPH

History of Medicine How Do Drugs Get Named? Gail b. Karet, PhD

Art of Medicine
If \_\_\_\_\_ Is Right for You
Alana Noelle Snyder

Normal Saline Hannah Rebeccah Abrams

Selected Drawings From Corpus Delicti Tracy Meyer

Target Article

The Rise of Citizen Science in Health and Biomedical Research

Andrea Wiggins & John Wilbanks

Article Commentary

Parsing the Line Between Professional and Citizen Science

Barbara J. Evans

Biomedical Citizen Science or Something Else? Reflections on Terms and Definitions Christi J. Guerrini, Anna Wexler, Patricia J. Zettler & Amy L. McGuire

Beyond Belmont—and Beyond Regulations Lisa M. Rasmussen

Institutional Review Board Oversight of Citizen Science Research Involving Human Subjects David B. Resnik

The Ethics of Public and Service User Involvement in Health Research: The Need for Participatory Reflection on Everyday Ethical Issues

Tineke Abma, Barbara Groot & Guy Widdershoven

Should Patient Groups Have the Power to Redirect How Their Samples Are Used?

Eleanor T. Chung & Benjamin E. Berkman

Avoiding a Tyranny of the Majority: Public Deliberation as Citizen Science, Sensitive Issues, and Vulnerable Populations

Mary A. Ott & Amelia S. Knopf

Engaging the "Citizen" in Citizen Science: Who's Actually Included? Hina Walajahi

The Challenge of Demandingness in Citizen Science and Participatory Research Karin Jongsma & Phoebe Friesen

N-of-1 Precision Medicine and Research Oversight Andrew Crouse, Mariko Nakano-Okuno, Matthew Might & Thomas May Ethically Justified Restrictions on Citizen Science: A Perspective from Singapore Markus Labude & Vicki Xafis

Cultural Considerations in Citizen Health Science and the Case for Community-Based Approaches Victoria J. Metcalf & Rochelle L. Style

Who Watches the Step-Watchers: The Ups and Downs of Turning Anecdotal Citizen Science into Actionable Clinical Data

Maya Sherman, Ziv Idan & Dov Greenbaum

A Neglected Ethical Issue in Citizen Science and DIY Biology Lucie White

Considering Power Relations in Citizen Science Jason David Keune

Co-Production: An Ethical Model for Mental Health Research?

Sapfo Lignou, Liliana Capitao, Julia Madeleine Hamer-Hunt & Ilina Singh

Challenges of Citizen Science: Commons, Incentives, Organizations, and Regulations Karsten Weber, Frank Pallas & Max-R. Ulbricht

Learning Not Just From But With Citizens: The Importance of Co-Design in Health-Related Social Research

Rachel A. Ankeny & Helen Barrie

The Importance of Gatekeeping in Citizen Science Mark S. Davis

Citizen Science and the Politicization of Epistemology Narcyz Ghinea

Citizen Science for Biomedical Research and Contributive Justice Cristian Timmermann

#### **ETHICS & MEDICS**

August 2019 Hurtling Toward Germline Gene Editing Veronica R.J.M. Mason

Excerpt from Pope Francis, Address to participants at the international conference organized by the Pontifical Council for Culture on Eegenerative Medicine (April 28, 2018)

#### **HASTINGS CENTER REPORT**

July/August 2019

Articles

Bystander Ethics and Good Samaritanism: A Paradox for Learning Health Organizations

James E. Sabin, Noelle M. Cocoros, Crystal J. Garcia, Jennifer C. Goldsack, Kevin Haynes, Nancy D. Lin, Debbe McCall, Vinit Nair, Sean D. Pokorney, Cheryl N. McMahill-Walraven, Christopher B. Granger, Richard Platt

Other Voices

Of Drowning Children and Doubtful Analogies Emily A. Largent

Ostriches and Obligations: Ethical Challenges Facing Research on Usual Care Stephanie R. Morain

Clinical Trial Portfolios: A Critical Oversight in Human Research Ethics, Drug Regulation, and Policy Alex John London, Jonathan Kimmelman

Essays

Homeless, Ill, and Psychiatrically Complex: The Grueling Carousel of Cassandra Lee Laura Guidry-Grimes

### **HEALTH AFFAIRS**

August 2019 Military Health Systems Alan R. Weil

Military Health System Datagraphic: Military Health

The US Military Health System: Promoting Readiness and Providing Health Care Terri Tanielian, and Carrie Farmer

A Military Health System for The Twenty-First Century Terry Adirim

Readiness of Medical Providers in The Military Health System: Overview of Operational And Policy Considerations

Paul J. Hutter, Joachim Roski, Jonathan Woodson, Allen Middleton, Robert Kneeland, Averston Worthy, Derik Zitelman, Thomas Trinh, Shaun Dela Cruz, and Elaine Cooper When No One Notices: Disorders of Consciousness and the Chronic Vegetative State Joseph J. Fins

Commentary

Perspective: The Tyranny of Hope

Gail Geller

In Practice: Patient as Gift Lydia Dugdale

Policy & Politics: Out of the Freezer and into the Policy Fire Rebecca Feinberg

Review

The Haves, the Have-nots, and the Will-nots Maxwell J. Mehlman

The Harms of a Penal Colony Justin Strong

Departments A Last Gift Mildred Z. Solomon

Obituary

Daniel Callahan (1930-2019)

Back at Home, A New Purpose for Battlefield Skills T.R. Goldman

Post-Deployment Screening in The Military Health System: An Opportunity to Intervene for Possible Alcohol Use Disorder Rachel Sayko Adams, Erich J. Dietrich, Joshua C. Gray, Charles S. Milliken, Natalie Moresco, and Mary Jo Larson

No Racial Disparities in Surgical Care Quality Observed After Coronary Artery Bypass Grafting in TRICARE Patients

Muhammad Ali Chaudhary, Elzerie de Jager, Nizar Bhulani, Nicollette K. Kwon, Adil H. Haider, Eric Goralnick, Tracey Pérez Koehlmoos, and Andrew J. Schoenfeld A Collaborative to Evaluate and Improve the Quality of Surgical Care Delivered by the Military Health System Peter A. Learn, Mollie J. Mullen, Pierre F. Saldinger, Peter Kreishman, Paul R. Cordts, Clifford Y. Ko, M. Margaret Knudson, and Eric A. Elster

Prevalence of Unplanned Readmissions Among Patients of Military Treatment Facilities Craig Holden, Kimberley Marshall-Aiyelawo, Chantell Frazier, Joseph Dorris, Tara Fowler, Mitchell Mismash, Jenifer Meno, and Koji Nishimura

Utilization Variation in Military Versus Civilian Care: Evidence From TRICARE Amelia M. Bond, and Stephen D. Schwab

Contribution of Care Source to Cancer Treatment Cost Variation in The US Military Health System Yvonne L. Eaglehouse, Mayada Aljehani, Matthew W. Georg, Olga Castellanos, Jerry S. H. Lee, Seth A. Seabury, Craig D. Shriver, and Kangmin Zhu

Provider Acceptance and Beneficiary Access Under TRICARE's PPO Health Plan Yonatan Ben-Shalom, Eric Schone, and Richard Bannick

Assessing Low-Value Health Care Services in The Military Health System Tracey Pérez Koehlmoos, Cathaleen King Madsen, Amanda Banaag, Adil H. Haider, Andrew J. Schoenfeld, and Joel S. Weissman

The Impact of Military Parents' Injuries on The Health and Well-Being of Their Children Elizabeth Hisle-Gorman, Apryl Susi, and Gregory H. Gorman

TRICARE For Children: Between Medicaid And Marketplace Plans for Comprehensiveness and Cost Sharing

Joseph S. Zickafoose, Amanda Lechner, and Thomas Williams

Families with TRICARE Report Lower Health Care Quality and Access Compared to Other Insured and Uninsured Families

Roopa Seshadri, Douglas Strane, Meredith Matone, Karen Ruedisueli, and David M. Rubin Military Telehealth: A Model for Delivering Expertise to The Point of Need in Austere and Operational Environments

Jeremy C. Pamplin, Konrad L. Davis, Jennifer Mbuthia, Steven Cain, Sean J. Hipp, Daniel J. Yourk, Christopher J. Colombo, and Ron Poropatich

Navy Medicine Introduces Value-Based Health Care Alee Hernandez, Robert S. Kaplan, Mary L. Witkowski, C. Forrest Faison III, and Michael E. Porter

Healing Veterans Requires Caring for The Whole Person Wayne Jonas

Grantwatch: Foundations' Work to Help Military and Veterans

Determinants of Health Finding Shelter and Support Along the Road to Better Health Brian Rinker

Health Reform ACA Heads Back to Supreme Court Katie Keith

Government Programs & Policies Veterans Health Administration Investments in Primary Care and Mental Health Integration Improved Care Access

Lucinda B. Leung, Lisa V. Rubenstein, Jean Yoon, Edward P. Post, Erin Jaske, Kenneth B. Wells, and Ranak B. Trivedi

The Opioid Epidemic in Veterans Who Were Homeless or Unstably Housed Amanda M. Midboe, Thomas Byrne, David Smelson, Guneet Jasuja, Keith McInnes, and Lara K. Troszak

#### Letters

Drug Usage and Drug Prices
Patient Population Size and Drug Prices
Penalties for Hospital Readmissions
Health Expenditures in China: Future Growth
A Culture of Openness and Defensive Medicine
Homelessness and Health in Early Life

## **JOURNAL OF MEDICAL ETHICS**

August 2019

The Concise Argument We need to talk about imperatives Jesse Wall

#### Clinical Ethics

Why it is unethical to charge migrant women for pregnancy care in the National Health Service Arianne Shahvisi, Fionnuala Finnerty

'Inglan is a bitch': hostile NHS charging regulations contravene the ethical principles of the medical profession

Josephine Mary Katharine Reynolds, Caroline Mitchell

Familial genetic risks: how can we better navigate patient confidentiality and appropriate risk disclosure to relatives?

Edward S Dove, Vicky Chico, Michael Fay, Graeme Laurie, Anneke M Lucassen, Emily Postan

## Current Controversy

The 'serious' factor in germline modification Erika Kleiderman, Vardit Ravitsky, Bartha Maria Knoppers

#### Feature Article

Moral reasons to edit the human genome: picking up from the Nuffield report Christopher Gyngell, Hilary Bowman-Smart, Julian

Goldilocks and the two principles. A response to Gyngell et al

Peter Mills

Savulescu

The moral argument for heritable genome editing requires an inappropriately deterministic view of genetics Rachel Horton, Anneke M Lucassen

Commentary on 'Moral reasons to edit the human genome': This is not the moral imperative we are looking for Sarah Chan

Genome editing, Goldilocks and polygenic risk scores Christopher Gyngell, Hilary Bowman-Smart, Julian Savulescu

## Original Research

Practical allocation system for the distribution of specialised care during cellular therapy access scarcity Andrew Hantel, Gregory A Abel, Mark Siegler

Medical crowdfunding in China: empirics and ethics Pingyue Jin

Extended Essay
The significance of 'severity'
Daniel Hausman

## Student Essay

Ethical position of medical practitioners who refuse to treat unvaccinated children Melanie Forster

Response
Should we be afraid of medical AI?
Ezio Di Nucci

No we shouldn't be afraid of medical AI; it involves risks and opportunities Rosalind J McDougall

The need for feasible compromises on conscientious objection: response to Card Aaron J Ancell, Walter Sinnott-Armstrong

Two Tragedies Argument: Two Mistakes William Simkulet

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

August 6, 2019

Original Investigation

Association of Office and Ambulatory Blood Pressure with Mortality and Cardiovascular Outcomes Wen-Yi Yang, MD, PhD; Jesus D. Melgarejo, MD; Lutgarde Thijs, MSc; et al.

Financial Eligibility Criteria and Medication Coverage for Independent Charity Patient Assistance Programs So-Yeon Kang, MPH, MBA; Aditi Sen, PhD; Ge Bai, PhD, CPA; et al. Association of Lifestyle and Genetic Risk with Incidence of Dementia

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

#### Research Letter

Hemoglobin A1c Levels During Pregnancy and Risk of Autism Spectrum Disorders in Offspring Anny H. Xiang, PhD; Ting Chow, MPH; Mayra P. Martinez, MPH; et al.

Naloxone Co-prescribing to Patients Receiving Prescription Opioids in the Medicare Part D Program, United States, 2016-2017 Christopher M. Jones, PharmD, DrPH, MPH; Wilson

Compton, MD, MPE; Meena Vythilingam, MD; et al.

#### US Preventive Services Task Force

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

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

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

## Viewpoint

The Pricing of Care Under Medicare for All: Implications and Policy Choices Zirui Song, MD, PhD

# Global Oncology

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

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

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

Evaluating Open Payments

Genevieve P. Kanter, PhD; George Loewenstein, PhD

## A Piece of My Mind

Imposter Syndrome: Treat the Cause, Not the Symptom Samyukta Mullangi, MD, MBA; Reshma Jagsi, MD, DPhil

#### Editorial

Patient Assistance Programs and Anti-Kickback Laws Katherine Kraschel, JD; Gregory Curfman, MD

Screening for Pancreatic Cancer Aimee L. Lucas, MD, MS; Fay Kastrinos, MD, MPH

## JAMA Insights

Diagnostic Imaging in Pregnant Patients with Suspected Appendicitis

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

From the Medical Letter on Drugs and Therapeutics Omadacycline (Nuzyra) — A New Tetracycline Antibiotic

#### Editor's Note

Effective Use of Ambulatory Blood Pressure Monitoring Philip Greenland, MD

Medical News & Perspectives Although Cardiac Rehab Saves Lives, Few Eligible Patients Take Part

A Cultural Sea Change: Mindfulness for Surgical Residents

News from the Food and Drug Administration Drug Approved for Inflammatory Nasal Cavity Condition

Insulin Pumps Could Be Hacked Combination Approved for Advanced Multiple Myeloma

## The JAMA Forum

Population Health Management: Saving Lives and Saving Money?
Ashish K. Jha, MD, MPH

## Bench to Bedside

New Target for Pancreatic Cancer Treatment Shows Potnetial Tracy Hampton

Poetry and Medicine Quad Rooms at the VA Emily Dollar, MD

JAMA Revisited

Laënnec and the Stethoscope

JAMA Patient Page Screening for Pancreatic Cancer Jill Jin, MD, MPH Comment & Response

Incentivizing Therapies for Rare Diseases

Tramadol and Mortality in Patients with Osteoarthritis

August 13, 2019

Original Investigation

Association of Gluten Intake During the First 5 Years of Life with Incidence of Celiac Disease Autoimmunity and Celiac Disease Among Children at Increased Risk Carin Andrén Aronsson, PhD; Hye-Seung Lee, PhD; Elin M. Hård af Segerstad, MSc; et al.

Association of Intensive vs Standard Blood Pressure Control with Cerebral White Matter Lesions The SPRINT MIND Investigators for the SPRINT Research Group

Association of Midlife to Late-Life Blood Pressure Patterns with Incident Dementia Keenan A. Walker, PhD; A. Richey Sharrett, MD, DrPH; Aozhou Wu, PhD, MHS; et al.

Association Between Long-term Exposure to Ambient Air Pollution and Change in Quantitatively Assessed Emphysema and Lung Function Meng Wang, PhD; Carrie Pistenmaa Aaron, MD; Jaime Madrigano, ScD; et al.

#### Research Letter

Pulmonary Embolism Hospitalization, Readmission, and Mortality Rates in US Older Adults, 1999-2015 Behnood Bikdeli, MD, MS; Yun Wang, PhD; David Jimenez, MD, PhD; et al.

Perceived Bullying Among Internal Medicine Residents Manasa S. Ayyala, MD; Rebeca Rios, PhD; Scott M. Wright, MD

## Viewpoint

Promoting Trust Between Patients and Physicians in the Era of Artificial Intelligence Shantanu Nundy, MD, MBA; Tara Montgomery, BA; Robert M. Wachter, MD

Advances in Understanding the Pathophysiology of Chronic Fatigue Syndrome Anthony L. Komaroff, MD

Offering Emergency Buprenorphine Without a Prescription Payel Jhoom Roy, MD; Michael D. Stein, MD Dietary Cholesterol or Egg Consumption and Cardiovascular Outcomes Private Equity Investment in Health Care

Regionalization of Care and the Maternal-Infant Dyad Disconnect

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

A Piece of My Mind A Delicate Bond Rebekah Diamond, MD

**Editorial** 

Building Trust in Health Care—Why, Where, and How Dhruv Khullar, MD, MPP

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

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

Blood Pressure, Brain Volume and White Matter Hyperintensities, and Dementia Risk Shyam Prabhakaran, MD, MS

#### Review

Extracorporeal Life Support for Adults with Respiratory Failure and Related Indications: A Review Daniel Brodie, MD; Arthur S. Slutsky, MD; Alain Combes, MD, PhD

JAMA Insights

Clinical Use of Bone Turnover Markers Douglas C. Bauer, MD

JAMA Clinical Challenge

A Woman with Dyspnea and Bronchiectasis Leonard Riley, MD; Mark Brantly, MD; Ali Ataya, MD

Medical News & Perspectives

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

For Mortality, Busting the Myth of 10000 Steps per Day

The JAMA Forum

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

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

News from the Center for Disease Control and Prevention Tuberculin Antigen Shortage Reductions in Rotavirus Infections

Biotech Innovations

Smart Devices Detect Agonal Breathing in Cardiac Arrest Detecting Circulating Tumor Cells Through the Skin Medication App Improves Attention in Young Adults

The Arts and Medicine
Basch Unbound – *The House of God* and Fiction as
Resistance at 40
Steve Bergman, MD, DPhil

The House of God at Age 40-An Appreciation Jeremy Samuel Faust, MD, MS

August 20, 2019

Original Investigation

Effect of Continuing Olanzapine vs Placebo on Relapse Among Patients with Psychotic Depression in Remission: The STOP-PD II Randomized Clinical Trial Alastair J. Flint, MB; Barnett S. Meyers, MD; Anthony J. Rothschild, MD; et al.

Association of Thyroid Function Test Abnormalities and Thyroid Autoimmunity with Preterm Birth: A Systematic Review and Meta-analysis The Consortium on Thyroid and Pregnancy—Study Group on Preterm Birth

Association of Smoking Cessation with Subsequent Risk of Cardiovascular Disease Meredith S. Duncan, MA; Matthew S. Freiberg, MD, MSc; Robert A. Greevy Jr, PhD; et al.

#### Research Letter

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

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

US Preventive Services Task Force Risk Assessment, Genetic Counseling, and Genetic Testing for BRCA-Related Cancer: US Preventive Services Task Force Recommendation Statement US Preventive Services Task Force Poetry and Medicine Neither Pause nor Gaze at What Is Passing Risa Denenberg, MSN, ARNP

JAMA Revisited Gomers

JAMA Patient Page Small Kidney Tumors Stella K. Kang, MD, MSc; Marc A. Bjurlin, DO, MSc; William C. Huang, MD

Comment & Response Sex Difference in Grant Funding Strategies to Adjust Positive End-Expiratory Pressure in Patients with ARDS Time Horizons in Cost Analyses

Risk Assessment, Genetic Counseling, and Genetic Testing for BRCA-Related Cancer in Women: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force Heidi D. Nelson, MD, MPH, MACP, FRCP; Miranda Pappas, MA; Amy Cantor, MD, MPH; et al.

## Viewpoint

The Conundrum of the United States Medical Licensing Examination Score Reporting Structure Jennifer L. Swails, MD; Omowunmi Aibana, MD, MPH; Barbara J. Stoll, MD

A New Supreme Court Ruling on Drug Liability Mitchell C. Johnston; Marcia M. Boumil, JD, LLM; Gregory Curfman, MD

Protecting Pregnant Women with Substance Use Disorders and Their Neonates Participating in Research Jonathan M. Davis, MD; Lynne Yao, MD; Barbara E. Bierer, MD

Electronic Fetal Monitoring to Prevent Fetal Brain Injury: A Ubiquitous Yet Flawed Tool Emmet Hirsch, MD

A Piece of My Mind A Tale of Two Lungs Matthew K. Hensley, MD, MPH

#### **Editorial**

Maintenance Treatment for Psychotic Depressive Disorders: Progress and Remaining Challenges William H. Coryell, MD

Thyroid Function Test Abnormalities During Pregnancy Anne R. Cappola, MD, ScM; Brian M. Casey, MD

Broadening Criteria for BRCA1/2 Evaluation: Placing the USPSTF Recommendation in Context Susan Domchek, MD; Mark Robson, MD

## JAMA Insights

Catheter Ablation for Atrial Fibrillation in 2019 Gaurav A. Upadhyay, MD; Francis J. Alenghat, MD, PhD

## JAMA Clinical Challenge

Electrocardiographic Diagnosis of Atrial Arrhythmias Elsayed Z. Soliman, MD, MSc, MS; Prashant D. Bhave, MD; Lin Y. Chen, MD, MS

#### Editor's Note

Smoking Cessation and Reduction of Cardiovascular Disease Risk Thomas B. Cole, MD, MPH

Medical News & Perspectives
Weighing the Risks and Rewards of Peanut Oral
Immunotherapy
Getting Social: Physicians Can Counteract
Misinformation with an Online Presence

News From the Food and Drug Administration Ventilator Recall Another Option for Hypoactive Sexual Desire First Treatment for Rare Autoimmune Neuromyelitis

## August 27, 2019

Original Investigation

Effect of High-Dose Vitamin D Supplementation on Volumetric Bone Density and Bone Strength: A Randomized Clinical Trial Lauren A. Burt, PhD; Emma O. Billington, MD, FRCPC; Marianne S. Rose, PhD; et al.

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

Isaac Sasson, PhD; Mark D. Hayward, PhD

The JAMA Forum

Averting Alert Fatigue to Prevent Adverse Drug Reactions

Aaron E. Carroll, MD

#### Global Health

Gag Rule May Increase Abortions Viruses Drive Children's Pneumonia Fighting Epilepsy Stigma

## JAMA Infographic

Prevalence and Treatment of Chronic Obstructive Pulmonary Disease (COPD) in the United States Adam I. Biener, PhD; Sandra L. Decker, PhD; Frederick Rohde, MA

Poetry and Medicine Playing Word Games Susan Frances Martinello

## JAMA Revisited

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

JAMA Patient Page Should I Be Tested for BRCA Mutations? Jill Jin, MD, MPH

## Comment & Response

Monitoring Adherence to Inhaled Medications Resuming Anticoagulation After Cerebral Intraparenchymal Hemorrhage Treating Hypercholesterolemia in Older Adults Clarification of Reporting of Potential Conflicts of Interest in JAMA Articles

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

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

#### Research Letter

Trends in Cardiometabolic Mortality in the United States, 1999-2017 Nilay S. Shah, MD, MPH; Donald M. Lloyd-Jones, MD, ScM; Martin O'Flaherty, MD, MSc, PhD; et al. Viewpoint

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

Alexandra Glazier, JD, MPH; Thomas Mone, MS

Redefining the Physician's Role in Cost-Conscious Care: The Potential Role of the Electronic Health Record Brian J. Miller, MD, MBA, MPH; Jennifer M. Slota; Jesse M. Ehrenfeld, MD, MPH

The Commercial Differential for Hospital Prices: Responses from States and Employers Christopher F. Koller, MPPM, MAR; Dhruv Khullar, MD, MPP

Evidence vs Consensus in Clinical Practice Guidelines Benjamin Djulbegovic, MD, PhD; Gordon Guyatt, MD, MS

A Piece of My Mind A Difficult Conversation Martin B. Wice, MD, MS

#### Editorial

Tandem Transplant for High-Risk Neuroblastoma: Next Steps in the Era of Precision Medicine Rochelle Bagatell, MD and Meredith S. Irwin, MD

Reporting and Interpretation of Randomized Clinical Trials

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

#### Review

Systemic Therapy for Locally Advanced and Metastatic Non-Small Cell Lung Cancer: A Review Kathryn C. Arbour, MD; Gregory J. Riely, MD, PhD

# JAMA Insights

Diagnosing the Onset of Menopause Nanette Santoro, MD, Joshua Johnson, PhD

JAMA Clinical Guidelines Synopsis Management of Patients with Acute Ischemic Stroke James R. Brorson, MD; Adam S. Cifu, MD Medical News & Perspectives

Increasing Cases of Shingles in the Eye Raise Key Questions

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

News From the Centers for Disease Control and Prevention

Less Addictive Cigarettes Rising PrEP Awareness

Clinical Trials Update

Vitamin D Doesn't Protect Against Diabetes Improving Stroke Preparedness Among Blacks and Hispanics

Ketamine to Help Treat Cocaine Use Disorder Whole Food Combination Diet for Kids with Crohn Disease

Antidepressants May Affect Pain Neural Network

Health Agencies Update

Medicare Proposes Coverage of Acupuncture for Lower Back Pain

Synchronizing Medication Refills Could Improve Botulinum Toxin to Treat Endometriosis Pain

The Arts and Medicine

How to Fix the Premedical Curriculum – Another Try Richard M. Ratzan, MD

Poetry and Medicine

Washbasin

Andrew C. Kidd, BSc (MedSci), MBChB

JAMA Revisited

Leonardo da Vinci as Anatomist (1452-1519)

JAMA Patient Page

Chest Tubes

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

Comment & Response

Physicians' Trust in Patients

PD-L1 Status and Survival in Patients with Lung Cancer Nutrition Education in Medical Training

## **LINACRE QUARTERLY**

May-August 2019

On Being a Catholic Physician Continuation of Unintended Pregnancy Luis Ayerbe, MD, PhD, María Pérez-Piñar, MD, PhD, Cristina López del Burgo, MD, PhD, Eduardo Burgueño, MD, PhD

## Opinion

Dialogic Consensus as the Moral Philosophical Basis for Shared Decision-making Paul Walker, MBBS, PHD, FRACS, FACS

#### Commentary

Rebutting Distortions of How the Sanctity of Life Doctrine Applies to the Periviable Robin Pierucci, MD, MA

Retrospective: 50 Years Ago

Moral Connections: The Relationship between Abortion

and Fetal Tissue Research\* Andrew F. Shorr, MPH

#### Articles

Informed Consent and Advance Care Directives: Cornerstones and Outstanding Issues in the Newly Enacted Italian Legislation Gianluca Montanari Vergallo, JD, PhD, Antonio G. Spagnolo, MD

#### L'OSSERVATORE ROMANO

August 2, 2019

Lost in a sea of indifference: Hundreds more migrants die in a tragic shipwreck off the coast of Libya

Risks of global warming confirmed from space

Innocent blood poured out on the streets of the world: According to Francis prostitution amounts to slavery

Surprise visit from the Pope: Provincial House of the Daughters of Charity of Saint Vincent de Paul

Death of Cardinal Ortega y Alamino: Archbishop of Havana for 34 years, welcomed three Pontiffs to Cuba

A better future for all: Message for World Tourism Day Peter Kodwo Appiah Turkson Reasonable Parental and Medical Obligations in Pediatric Extraordinary Therapy Michal Pruski, PhD, MA, AFHEA, MRSB, Nathan K. Gamble, MA, BHSc. (Hons) Nathan K. Gamble

Balancing Value Bracketing with the Integration of Moral Values in Psychotherapy: Evaluation of a Clinical Practice from the Perspective of Catholic Moral Theology Matthew R. McWhorter, PhD

### Original Research

Impact of Marriage on Birth Outcomes: Pregnancy Risk Assessment Monitoring System, 2012–2014
Jennifer J. Barr, MD, FACOG, Lindsey Marugg, MD
Lindsey Marugg

## Essay

The Moral Dangers of Technocratic Medicine John M. Travaline, MD

The Last Word
The Stark Choice Before Us: Everything or Nothing at
All
Elizabeth Scalia

United with the entire human family: Interview with British Ghanaian philosopher Kwame Anthony Appiah Andrea Monda

The smiles of angels: A journey among the Catholic sisters in the northern Israeli town of Haifa Tracey McClure

The prophetic commitment to dignity of all: The Church in the Amazon and Integral Human Development Michael Czerny, SJ

At the service of India's poor family: Toward the canonization of Mariam Thresia Chiramel Mankidiyan Roobini Chinnappan, CHI No healthcare without water sanitation and hygiene: Catholic organizations join in UN 'WASH' programme Susan Barnett

August 9/16, 2019

Not honey but salt of the earth: At the heart of the Pope's letter to priests

Andrea Monda

Families: schools of true human development

Bridges of friendship and solidarity in place of barriers: The profile of a Church that looks at those excluded and rejected from society

Young people on the move to forge the European spirit: Meeting with Guides and Scouts of Europe

Protect innocent victims: US Bishops' appeal after mass shootings

Note of the Apostolic Penitentiary: On the importance of the internal forum and the inviolability of the sacramental seal

August 23, 2019

Holy See Statement: Cardinal Pell's appeal rejected

The mindset of sharing vs hypocrisy and one's own interests: Pope continues catechesis on the Acts of the Apostles

A Rosary for Peace in Syria: On the Solemnity of the Assumption

Cardinal Sergio Obeso Rivera dies: President of the Mexican Bishops' Conference for three terms

Cardinal Pell's appeal rejected: To overturn verdict for sex abuse

The Pope expresses closeness to victims of monsoon rains in India: More than 200 dead and hundreds missing

Lydia: Leader of the first house church in Philippi Maria Pascuzzi, CSJ Dialogue based on trust and committed to solidarity: The Pope speaks about the everlasting novelty of Christian prayer

A letter of encouragement and support Andrea Tornielli

To my brother priests: Pope Francis comforts and thanks those who expend themselves in service to God's people

Women of the parables: An overview of female characters in the New Testament Carolyn Osiek

Violence and redemption: Documentary entitled 'Flannery' to be released in the US this fall Mark Bosco, SJ

Prayers for victims of shootings in US: Pope Francis talks about the relationship with earthly goods and warns against covetousness, the root of war

The two-way journey: Re-reading Toni Morrison – A new collection dedicated to her work Giulia Galeotti

The wedge that blocked the system: Toni Morrison and the automatism of power Carola Susani

D.VA, the Association of Women in the Vatican in support of Mozambican children

Women at the forefront of Humanitarian Day

Plastic waste builds schoolrooms in Ivory Coast

War and terrorism are the great defeat of humanity: The Pope appeals for the protection of victims of armed conflicts

Charity open to all overcomes division and particularism: At the Marian prayer the Holy Father talks about the first of God's love August 30, 2019

Fraternal reconciliation for lasting peace: Video message to the people of Mozambique, the first leg of his three-nation Apostolic Journey

Never again tragedies caused by hatred: At the General Audience the Holy Father prays for peace recalling World War II outbreak

The sick are not to be discarded, but healed and supported: The Holy Father continues his Catechesis on the Acts of the Apostles

Cardinal Achille Silvestrini passes away

Europe and the duty of solidarity: Discourse by the Vatican Secretary for Relations with States

A world of fraternity and peace is possible: The Holy Father encourages the efforts to spread knowledge of the Document signed in Abu Dhabi

First Fruits: Interview with the President of the Pontifical Council for Interreligious Dialogue Alessandro Gisotti Clericalism, Abuse, and the Identity of Priests Louis J. Cameli

Egyptians and refugees side by side to clean the River Nile

Amazon.com inaugurates its largest global office building in India

Upcoming Athletica Vaticana events to bear witness to faith and solidarity through sports

An authentic Australian and a Humble Statesman: Former rector of Domus Australia recalls Tim Fischer Fr. Anthony Denton

Diplomatic and human Mission: remembering the life and works of Timothy Andrew Fischer

'Farewell dear friend' Anna Morghen

The Amazon, vital lung for our planet: Pope expresses concern over vast fires raging in the rainforest

# NATIONAL CATHOLIC BIOETHICS QUARTERLY

Summer 2019

Defense of the New Natural Law Ryan T. Anderson

St. Thomas's Natural Law Theory E. Christian Brugger

Terminating in the Body: Concerning Some Errors of Action and Intention Christopher Tollefsen

The Wrongfulness of Any Intent to Kill Sherif Girgis

Articles

Sexual Ethics, Human Nature, and "New" and "Old" Natural Law Theories Melissa Moschella

God and New Natural Law Theory Patrick Lee

New Natural Law Theory and the Common Good of the Political Community Daniel Mark

## **NEW ENGLAND JOURNAL OF MEDICINE**

August 1, 209

Perspective

Population and the Environment — Time for Another Contraception Revolution

D.J. Anderson

Saving the Endangered Physician-Scientist — A Plan for Accelerating Medical Breakthroughs M.K. Jain and Others

Ghosts of Our Collective Subconscious — What Blackface in a Yearbook Photo Means for Medical Education D.W. Paul, Jr.,

"Browner" — Creating Narratives of Race T. Vijayan

Original Articles

Immediate Transfusion in African Children with Uncomplicated Severe Anemia K. Maitland and Others

Transfusion Volume for Children with Severe Anemia in Africa

K. Maitland and Others

Ibrutinib–Rituximab or Chemoimmunotherapy for Chronic Lymphocytic Leukemia T.D. Shanafelt and Others

Immunogenicity of Fractional-Dose Vaccine during a Yellow Fever Outbreak — Final Report R.M. Casey and Others

Review Article

Frontiers in Medicine: Gene Therapy K.A. High and M.G. Roncarolo

Images In Clinical Medicine Cutaneous Ulcerations in Anti-MDA5 Dermatomyositis A. Charrow and R.A. Vleugels

August 8, 2019

Perspective

Abortion Rights in Peril — What Clinicians Need to Know

E. Nash

Changing Medical Practice, Not Patients — Putting an End to Conversion Therapy C.G. Streed, Jr., J.S. Anderson, C. Babits, and M.A. Ferguson

Sustainable Discovery and Development of Antibiotics

— Is a Nonprofit Approach the Future?

T.B. Nielsen, E.P. Brass, D.N. Gilbert, J.G. Bartlett, and B. Spellberg

Bearing Witness C. Hartnick

Original Articles

A Phase 3 Randomized Trial of Voxelotor in Sickle Cell Disease

E. Vichinsky and Others

Obstructive Hydrocephalus

D.R. Santiago-Dieppa and M.L. Levy

Clinical Problem-Solving A Diagnosis to Chew On R.H. Goldman and L. Weissmann

**Editorial** 

Immediate Transfusion and Transfusion Volume in African Children with Severe Anemia J.R. Ingelfinger

Clinical Implications of Basic Research Predicting Tumor Response to PD-1 Blockade L. Ding and F. Chen

Medicine and Society
Digital Futures Past — The Long Arc of Big Data in
Medicine
J.A. Greene and A.S. Lea

Correspondence

Phenotype in an Infant with SOD1 Homozygous Truncating Mutation Thrombolysis up to 9 Hours after Onset of Stroke Magnetically Levitated Left Ventricular Assist Device How to Perform an Elliptical Excision of the Skin

Vitamin D Supplementation and Prevention of Type 2 Diabetes

A.G. Pittas and Others

Volanesorsen and Triglyceride Levels in Familial Chylomicronemia Syndrome J.L. Witztum and Others

Special Article

Early Effects of an Accountable Care Organization Model for Underserved Areas M.J. Trombley and Others

Review Article

Pheochromocytoma and Paraganglioma H.P.H. Neumann, W.F. Young, Jr., and C. Eng

Images In Clinical Medicine Air in the Spleen S. De Freitas and E.G. Wong Massive Splenomegaly A. Rashidi and E. Courville

Case Records Of The Massachusetts General Hospital

Case 24-2019: A 39-Year-Old Woman with Palpitations, Abdominal Pain, and Vomiting

V. Chiappa, M.A. Anderson, C.D. Barrett, N. Stathatos, and M.N. Anahtar

**Editorials** 

A Targeted Agent for Sickle Cell Disease — Changing the Protein but Not the Gene

A. Thompson

August 15, 2019

Perspective

Case Studies in Social Medicine: Reproductive (In)justice — Two Patients with Avoidable Poor Reproductive Outcomes

K.R. Knight and Others

Time to Reevaluate U.S. Mifepristone Restrictions J.E. Henney and H.D. Gayle

A Most Reckless Proposal — A Plan to Continue Asbestos Use in the United States P.J. Landrigan and R.A. Lemen

Mike's Labels O. Warren

Original Articles An Anti-CD3 Antibody, Teplizumab, in Relatives at

Risk for Type 1 Diabetes K.C. Herold and Others

Eculizumab in Aquaporin-4-Positive Neuromyelitis Optica Spectrum Disorder S.J. Pittock and Others

Five-Year Outcomes with Dabrafenib plus Trametinib in Metastatic Melanoma C. Robert and Others

Liraglutide in Children and Adolescents with Type 2 Diabetes

W.V. Tamborlane and Others

D2d — No Defense against Diabetes D.J. Wexler

Correspondence

Cluster of Sphingomonas paucimobilis Bacteremias Linked to Diversion of Intravenous Hydromorphone Antibody-Based Ticagrelor Reversal Agent in Healthy Volunteers

Mesenchymal Hamartoma of the Liver and DICER1 Syndrome

Helicobacter pylori Infection

Global Elimination of Chronic Hepatitis

Clinical Practice

Warm Autoimmune Hemolytic Anemia R.A. Brodsky

Images In Clinical Medicine Cholesterol Crystal Embolization after Transcatheter Aortic-Valve Replacement H. Lazareth and A. Karras

Placenta Percreta Involving Maternal Bladder A. Murji and J. Kingdom

Case Records Of The Massachusetts General Hospital

Case 25-2019: A 41-Year-Old Pregnant Woman with Abdominal Pain

N.N. Saillant, A. Kilcoyne, P.J. Fagenholz, R. Lui, and M. Krystel-Whittemore

**Editorial** 

Traveling down the Long Road to Type 1 Diabetes Mellitus Prevention C.J. Rosen and J.R. Ingelfinger

Special Report

The "All of Us" Research Program
The All of Us Research Program Investigators

Clinical Implications Of Basic Research Recognition for Discoveries in DNA Repair H.L. Klein and L.S. Symington Correspondence

Statewide Implementation of Postoperative Opioid Prescribing Guidelines

Transcatheter Aortic-Valve Replacement in Low-Risk Patients

August 22, 2019

Perspective

A New Era of Climate Medicine — Addressing Heat-Triggered Renal Disease

C. Sorensen and R. Garcia-Trabanino

Combating EPA Rollbacks — Health Care's Response to a Retreat on Climate

G. McCarthy and A. Bernstein

Interactive Perspective: The Climate Crisis — Health and Care Delivery

R.N. Salas and C.G. Solomon

Prescription Drug Monitoring Programs — Friend or Folly in Addressing the Opioid-Overdose Crisis? R.L. Haffajee

The Comfort of the Ordinary — On Dying as We've Lived

C. Wellbery

Original Articles

Ambient Particulate Air Pollution and Daily Mortality in 652 Cities

C. Liu and Others

Effects of Serelaxin in Patients with Acute Heart Failure M. Metra and Others

Oral Selinexor–Dexamethasone for Triple-Class Refractory Multiple Myeloma A. Chari and Others

Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy J.A. Panza and Others

Review Article Drug Effects on the Thyroid H.B. Burch Alpelisib for PIK3CA-Mutated Advanced Breast Cancer Chronic Kidney Disease of Unknown Cause in Agricultural Communities

Images In Clinical Medicine Fish Bone Perforation

T. Taguchi and H. Kitagawa

Emphysematous Cholecystitis S. Mhamdi and K. Mhamdi

Case Records Of The Massachusetts General Hospital

Case 26-2019: A 27-Year-Old Woman with Opioid Use Disorder and Suicidal Ideation M. Nisavic, E.J. Flores, M. Heng, N.J. Kontos, and N.

**Editorials** 

Quijije

Prioritizing Health in a Changing Climate R.N. Salas, D. Malina, and C.G. Solomon

Do We Really Need Another Time-Series Study of the PM2.5–Mortality Association?
J.R. Balmes

Why Are Physicians So Confused about Acute Heart Failure?
M. Packer

Medicine and Society
Human Health on an Ailing Planet — Historical
Perspectives on Our Future
J.H. Dunk, D.S. Jones, A. Capon, and W.H. Anderson

Correspondence

Fornix-Region Deep Brain Stimulation—Induced Memory Flashbacks in Alzheimer's Disease Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome Ibrutinib and Venetoclax for First-Line Treatment of CLL August 29, 2019

Perspective

A Lethal Hidden Curriculum — Death of a Medical Student from Opioid Use Disorder C.R. Lucey, L. Jones, and A. Eastburn

Practicing What We Preach — Ending Physician Health Program Bans on Opioid-Agonist Therapy L. Beletsky, S.E. Wakeman, and K. Fiscella

Health Care Autonomy of Women Living with HIV R.R. Redfield and Others

Insight Medicine Lacks — The Continuing Relevance of Henrietta Lacks

S. Kemet

Original Articles

Dolutegravir plus Two Different Prodrugs of Tenofovir to Treat HIV

W.D.F. Venter and Others

Dolutegravir-Based or Low-Dose Efavirenz–Based Regimen for the Treatment of HIV-1 The NAMSAL ANRS 12313 Study Group

Neural-Tube Defects and Antiretroviral Treatment Regimens in Botswana R. Zash and Others

Oral Semaglutide and Cardiovascular Outcomes in Patients with Type 2 Diabetes M. Husain and Others

Review Article Adrenal Crisis R.L. Rushworth, D.J. Torpy, and H. Falhammar

### **ORIGINS**

August 1, 2019
Communiqué on Disciplinary Measures Imposed on Bishop Bransfield
Apostolic Nunciature to the U.S.

Boycott of Funds to Wheeling-Charleston Diocese Called For Lay Catholic Voices for Change Images In Clinical Medicine Multiple Renal Arteries S.Y. Tuteja and B. Forgacs

**Epiglottitis** 

N. Chapurin and A. Gelbard

Case Records Of The Massachusetts General Hospital

Case 27-2019: A 16-Year-Old Girl with Head Trauma during a Sailboat Race M.A. Iaccarino, R.D. Zafonte, E.D. Roy, and M.

Wojtowicz

Editorial

Global HIV Treatment — Turning Headwinds to Tailwinds D.V. Havlir and M.C. Doherty

Health Law, Ethics, And Human Rights Promoting Pediatric Drug Research and Labeling — Outcomes of Legislation F.T. Bourgeois and A.S. Kesselheim

Clinical Implications Of Basic Research Making Asthma Crystal Clear J.V. Fahy and R.M. Locksley

Correspondence

Dolutegravir Use at Conception — Additional Surveillance Data from Botswana Failure of Dolutegravir First-Line ART with Selection of Virus Carrying R263K and G118R Genomic Mismatch at LIMS1 Locus and Kidney Allograft Rejection

Letter to People of Wheeling-Charleston Diocese Archbishop William E. Lori

Is Pope Francis a Heretic? Father James Heft, SM

Speech at Freedom Festival Cardinal Timothy M. Dolan

Decision in Bladensburg Cross Case: Syllabus U.S. Supreme Court

August 15, 2019

Working Document for the Special Assembly of the Synod of Bishops on the Pan-Amazon Region Synod General Secretariat

August 29, 2019 After El Paso Archbishop José H. Gomez

National Crisis: Gun Violence Bishop Edward K. Braxton

Words Matter Cardinal Blase J. Cupich Letter to Priests Pope Francis

We Are Called to Protect God's Children Bishop Robert W. McElroy

## THEOLOGICAL STUDIES

September 2019
Current Theology
Sex, Race, and Culture: Constructing Theological
Anthropology for the Twenty-First Century
Mary Doak

Rhetoric and Reality: Augustine and Pope Francis on Preaching Christ and the Poor Kevin Grove, CSC

The Possibilities of Grace amid Persistent Depression Jessica Coblentz

Crisis in the Church (1): Impact on the Church's Life The Catholic Sexual Abuse Crisis as a Theological Crisis: Emerging Issues Massimo Faggioli

Beyond Scandal and Shame? Ecclesiology and the Longing for a Transformed Church Richard Lennan Anger, Forgiveness, and Restorative Justice in Light of Clerical Sexual Abuse and Its Cover-up Stephen J. Pope and Jamie P. Geske

Feminist Theology and the Clergy Sexual Abuse Crisis Susan A. Ross

Eucharistic Sacrifice as Anti-Violent Pedagogy Eugene R. Schlesinger

Crisis in the Church (2): The "Child" in Catholic Theology Towards a Theology of Childhood: Children's Agency and the Reign of God James Gerard McEvoy

The Child at the Center: What Can Theology Say in the Face of the Scandals of Abuse? Hans Zollner SJ