# **PERIODICAL** REVIEW



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

# MAY 2019

# **AMA JOURNAL OF ETHICS**

May 2019 Advanced Cardiopulmonary Care Ethics

From the Editor When Clinical Advances Outpace Ethics Elizabeth A. Sonntag, MD

Case and Commentary Should Physicians Offer a Ventricular Assist Device to a Pediatric Oncology Patient with a Poor Prognosis? Angira Patel, MD, MPH, Anna Joong, MD, Efrat Lelkes, MD, and Jeffrey G. Gossett, MD

How Should ECMO Initiation and Withdrawal Decisions Be Shared? Carolina Jaramillo and Nicholas Braus, MD

How Should Physicians Respond to Requests for LVAD Removal? Larry A. Allen, MD, MHS

Should Long-Term Life-Sustaining Care Be Started in Emergency Settings? Ellen C. Meltzer, MD, MSc, Natalia S. Ivascu, MD, Mark K. Edwin, MD and Timothy J. Ingall, MBBS, MD, PhD

Medical Education Educating Resident and Fellow Physicians on the Ethics of Mechanical Circulatory Support Elizabeth A. Sonntag, MD, Keyur B. Shah, MD, and Jason N. Katz, MD

AMA Code Says AMA Code of Medical Ethics' Opinions Related to Ethics of Life-Sustaining Technologies Rachel F. Harbut

Policy Forum What Should We Learn from Early Hemodialysis Allocation About How We Should Be Using ECMO? Daniel Gutteridge, MD and Gabriel T. Bosslet, MD, MA Medicine and Society How Should Mechanical Circulatory Support Be Deactivated for Patients with Depression at the End of Life? Stephan R. Weinland, PhD, MS and James Levenson, MD

Palliative Care for Patients on Mechanical Circulatory Support Sara E Wordingham, MD and Colleen K. McIlvennan, DNP, ANP

History of Medicine Will We Code for Default ECMO? Daniel Brauner, MD and Christopher Zimmermann, MD

Art of Medicine Sustaining the Lives of Art Objects Sarah Molina

Fading Mind of a Patient with Alzheimer's Laci Hadorn

Moral Distress Containment Through an Artist's and Art Psychotherapist's Lens Georgina Morley, PhD, MSc, RN and Annie Sharon Fox, MA

Personal Narrative How Can We Make Out-of-Hospital CPR More Family Centered? Caroline Mawer, MRCGP, MBBS, MSc, MFPH

Viewpoint How Should One Live Everlasting Life? Rachel F. Harbut

Podcast When and How Should ECMO Be Initiated and Removed? An interview with Dr Daniel Brauner and Dr Nicholas Braus

# **AMERICAN JOURNAL OF BIOETHICS**

May 2019 Editorials Why I Support Medicaid Expansion Office of the Governor of Kansas, Laura Kelly

Informed Consent: A Matter of Aspiration Since 1966 (At Least) Sarah Wieten, Jacob Blythe & David Magnus

Target Article Exploring Understanding of "Understanding": The Paradigm Case of Biobank Consent Comprehension Laura M. Beskow & Kevin P. Weinfurt

Article Commentary The Unbearable Requirement of Informed Consent Ellen Wright Clayton

The Value of Consent for Clinical Research Does Not Always Hinge on Understanding Neal W. Dickert

Ignorance Isn't Bliss: Retaining a Meaningful Comprehension Requirement for Consent to Research Paul S. Appelbaum

Moving from Understanding of Consent Conditions to Heuristics of Trust Michael M. Burgess & Kieran C. O'Doherty

Informed Consent Requires Understanding: Complete Disclosure Is Not Enough Thaddeus Mason Pope

Measuring Understanding and Respecting Trust in Biobank Consent T.J. Kasperbauer & Peter H. Schwartz

Being Polite: Why Biobank Consent Comprehension Is Neither a Requirement nor an Aspiration Berge Solberg & Lars Ursin

Understanding as an Ethical Aspiration in an Era of Digital Technology-Based Communication: An Analysis of Informed Consent Functions Stephanie A. Kraft, Nanibaa' A. Garrison & Benjamin S. Wilfond

Reciprocity and the Quest for Meaningful Disclosure Ma'n H. Zawati & Bartha Maria Knoppers

What Is Adequate Understanding? Gopal Sreenivasan Rejecting "Understanding": An Ethical Proposal Whose Time Has Come Stephanie Solomon Cargill

Understanding (in) Consent for Governance Michael A. Lensink, Sarah N. Boers, Karin R. Jongsma & Annelien L. Bredenoord

Disruption, Diversity, and Global Biobanking Edwina Light, Miriam Wiersma, Lisa Dive, Ian Kerridge, Christine Critchley & Wendy Lipworth

Target Article Ethical Criteria for Health-Promoting Nudges: A Case-by-Case Analysis Bart Engelen

Article Commentary Context Matters—Why Nudging in the Clinical Context Is Still Different Søren Holm

In Defense of Nudging When the Stakes Are High Monica E. Lemmon & Peter A. Ubel

Easy Resistible, Means-Paternalist Nudging in the Clinical Context is an Untenable Proposal Thomas Ploug

On the Ethical Criteria for Health-Promoting Nudges: The Importance of Conceptual Clarity J. S. Blumenthal-Barby

When Going Beyond Gentle Nudges Is Legitimate Audrey R. Chapman

Are Corporations Nudging the Nudgers? Jonathan H. Marks

Nudges and Budges Karoly Majtenyi & Matthew Ruble

Social Psychological Theories and Nudges as Tools for Health Promotion Jackelyn B. Payne & Anne Moyer

A Nudge Toward Meaningful Choice Leah R. Fowler & Jessica L. Roberts

When a Push Becomes a Shove: Nudging in Elderly Care Tal Shachar & Dov Greenbaum

Nudging Good Samaritans: Opting Out of Organ Donation Kristel Clayville Book Review Review of Sunita Puri, That Good Night: Life and Medicine in the Eleventh Hour Jori Felice Bogetz & Danielle F. Jonas

# **CAMBRIDGE QUARTERLY OF HEALTHCARE ETHICS**

*April 2019* Special Section: Health, Morality, and Moralism

Select Editorial: Dogmas, Stigmas, and Questionable Arguments for Better Health

Editorial: Dogmas, Stigmas, and Questionable Arguments for Better Health Johanna Ahola-Launonen, Tuija Takala, Matti Häyry

Health as the Moral Principle of Post-Genomic Society: Data-Driven Arguments Against Privacy and Autonomy Karoliina Snell

Reconsidering the Moralization of Health: Practices Versus Concepts, and What We Can Learn from Evidence-based Research S. Joshua Thomas

Genetic Moralism and Health Tuija Takala

Justice and the Possibility of Good Moralism in Bioethics Matti Häyry

Bioethical Issues and Secondary Prevention for Nonoffending Individuals with Pedophilia Ainslie Heasman, Thomas Foreman

The Irish Healthcare System: A Morality Tale Patrick Heavey

The Dictates of Conscience: Can They Justify Conscientious Refusals in Healthcare Contexts? Mary Carman

Responses and Dialogue Discriminatory Conscientious Objections in Healthcare: A Response to Ancell and Sinnott-Armstrong Katrien Devolder

# **CHICAGO STUDIES**

*Fall/Winter 2018/2019* Understanding the Roots of "Race" and Racism in U.S. Society: A Historical and Sociological Perspective Elizabeth Y. Sung, Ph.D. **CS** The Great Debates Choosing to Stop a Heart: The Ethical Status of Deactivating an Implantable Cardiac Device D. Micah Hester, Alissa Swota

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**Own Patients?** 

A Moral Argument against Turning Off an Implantable Cardiac Device: Why Deactivation Is a Form of Killing, Not Simply Allowing a Patient to Die Thomas S. Huddle

Response to Open Peer Commentaries: When Is It Ethical

for Physician-Investigators to Seek Consent from Their

Stephanie R. Morain, Steven Joffe & Emily A. Largent

Unlike Diamonds, Defibrillators Aren't Forever: Why It Is Sometimes Ethical to Deactivate Cardiac Implantable Electrical Devices Daniel P. Sulmasy, Mariele A. Courtois

Reply to Sulmasy/Courtois: Why it is Sometimes Unethical to Deactivate Cardiac Implantable Electrical Devices Thomas S. Huddle

Why the Common-Sense Distinction between Killing and Allowing-to-Die Is So Easy to Grasp but So Hard to Explain Daniel P. Sulmasy, Mariele A. Courtois

Last Words: Seeking Understanding, If Not Agreement, on Killing and Allowing-to-Die Thomas S. Huddle

Bioethics Education The Use of Narratives in Graduate Bioethics Education Susan E. Zinner

Bioethics and Information Technology Learning to Regulate Learning Healthcare Systems Jan Piasecki, Vilius Dranseika

Perspective Duty, Empathy, and Hierarchy: Healing "Difficult Patients" Danish Zaidi

Agape and Eros and "The Logic of Scriptural Discourse": Toward Conceptual Clarification Elizabeth Y. Sung, Ph.D. In the Sanctuary but Not of the Sanctuary: Liturgical Reflections on the Identity and Life of a Deacon as Cleric Fr. Thomas A. Baima, S.T.D.

# **ETHICS & MEDICS**

May 2019 Safe Injection Sites and the Ethic of Harm Reduction Scott R. Lefor

# **HEALTH AFFAIRS**

May 2019 Editor-in-Chief Social Determinants, Children, And More Alan R. Weil

Leading to Health Preventing Sepsis by Reimagining Systems and Engaging Patients Charlotte Huff

#### Research Article

The Culture of Health in Early Care and Education: Workers' Wages, Health, And Job Characteristics Jennifer J. Otten, Victoria A. Bradford, Bert Stover, Heather D. Hill, Cynthia Osborne, Katherine Getts, and Noah Seixas

Infants Exposed to Homelessness: Health, Health Care Use, And Health Spending from Birth to Age Six Robin E. Clark, Linda Weinreb, Julie M. Flahive, and Robert W. Seifert

Family Resilience and Connection Promote Flourishing Among US Children, Even Amid Adversity Christina D. Bethell, Narangerel Gombojav, and Robert C. Whitaker

Uncertainty About DACA May Undermine Its Positive Impact on Health for Recipients and Their Children Caitlin Patler, Erin Hamilton, Kelsey Meagher, and Robin Savinar

New Evidence of The Nexus Between Neighborhood Violence, Perceptions of Danger, and Child Health Dylan B. Jackson, Chad Posick, and Michael G. Vaughn

Twenty Years of School-Based Health Care Growth and Expansion

Hayley E. Love, John Schlitt, Samira Soleimanpour, Nirmita Panchal and Caroline Behr

Medicaid Investments to Address Social Needs in Oregon And California

Hugh Alderwick, Carlyn M. Hood-Ronick, and Laura M. Gottlieb

Cleric in the World Fr. Thomas A. Baima, S.T.D.

Loss of SNAP Is Associated with Food Insecurity and Poor Health in Working Families with Young Children Stephanie Ettinger de Cuba , Mariana Chilton , Allison Bovell-Ammon , Molly Knowles , Sharon M. Coleman , Maureen M. Black , John T. Cook , Diana Becker Cutts , Patrick H. Casey , Timothy C. Heeren , and Deborah A. Frank

Limited Medigap Consumer Protections Are Associated with Higher Reenrollment in Medicare Advantage Plans David J. Meyers, Amal N. Trivedi, and Vincent Mor

Why Do Accountable Care Organizations Leave the Medicare Shared Savings Program? William K. Bleser, Robert S. Saunders, David B. Muhlestein, and Mark McClellan

Using External Reference Pricing in Medicare Part D to Reduce Drug Price Differentials with Other Countries So-Yeon Kang, Michael J. DiStefano, Mariana P. Socal, and Gerard F. Anderson

An Insurer's Program to Incentivize Generic Oncology Drugs Did Not Alter Treatment Patterns or Spending on Care

Laura Yasaitis, Atul Gupta, Craig Newcomb, Era Kim, Lee Newcomer, and Justin Bekelman

Zero-Premium Health Insurance Plans Became More Prevalent in Federal Marketplaces In 2018 Douglas Keith Branham, and Thomas DeLeire

Insurance-Based Disparities in Access, Utilization, And Financial Strain for Adults with Psychological Distress Ryan M. McKenna, Jessie Kemmick Pintor, and Mir M. Ali

China's Health Expenditure Projections To 2035: Future Trajectory and the Estimated Impact of Reforms Tiemin Zhai, John Goss, Tania Dmytraczenko, Yuhui Zhang, Jinjing Li, and Peipei Chai

A Culture of Openness Is Associated with Lower Mortality Rates Among 137 English National Health Service Acute Trusts Veronica Toffolutti and David Stuckler The Forgotten Middle: Many Middle-Income Seniors Will Have Insufficient Resources for Housing and Health Care Caroline F. Pearson, Charlene C. Quinn, Sai Loganathan, A. Rupa Datta, Beth Burnham Mace, and David C. Grabowski

#### Perspective

What Can Be Done to Better Support Older Adults to Age Successfully in Their Homes and Communities? Christopher Herbert, and Jennifer H. Molinsky

Challenges for Middle-Income Elders in An Aging Society John W. Rowe and The Research Network on an Aging Society

### JOURNAL OF MEDICAL ETHICS

May 2019 The Concise Argument The concise argument: the importance of consent and choice John McMillan

Current Controversy Needs must: living donor liver transplantation from an HIV-positive mother to her HIV-negative child in Johannesburg, South Harriet Rosanne Etheredge, June Fabian, Mary Duncan, Francesca Conradie, Caroline Tiemessen, Jean Botha

Original Research The biobank consent debate: Why 'meta-consent' is not the solution? Neil C Manson

The biobank consent debate: why 'meta-consent' is still the solution! Thomas Ploug, Soren Holm

Informed consent for functional MRI research on comatose patients following severe brain injury: balancing the social benefits of research against patient autonomy Tommaso Bruni, Mackenzie Graham, Loretta Norton, Teneille Gofton, Adrian M Owen, Charles Weijer

The Two tragedies argument William Simkulet

Canadian neurosurgeons' views on medical assistance in dying (MAID): a cross-sectional survey of Canadian Neurosurgical Society (CNSS) members Alwalaa Althagafi, Chris Ekong, Brian W Wheelock, Richard Moulton, Peter Gorman, Kesh Reddy, Sean Christie, Ian Fleetwood, Sean Barry Narrative Matters Recognizing Trauma in the Healer Mary C. Vance

Datawatch Medicare Beneficiaries' Exposure to Fraud and Abuse Perpetrators Lauren Hersch Nicholas, Jodi Segal, Caroline Hanson, Kevin Zhang, and Matthew D. Eisenberg

Grantwatch Oral Health Care: What Foundations Are Supporting

Letters Medical Cannabis Use

We don't need unilateral DNRs: taking informed nondissent one step further Diego Real de Asúa, Katarina Lee, Peter Koch, Inmaculada de Melo-Martín, Trevor Bibler

Differential payment to research participants in the same study: an ethical analysis Govind Persad, Holly Fernandez Lynch, Emily Largent

Extended Essays Obesity, equity and choice Timothy M Wilkinson

Equity and preventive regulations Elizabeth Fenton

Should the deceased be listed as authors? Gert Helgesson, William Bülow, Stefan Eriksson, Tove E Godskesen

Ethics of crisis sedation: questions of performance and consent Nathan Emmerich, Bert Gordijn

#### Student Essay

Is it ethical to provide IVF add-ons when there is no evidence of a benefit if the patient requests it? Mila Stefanova Zemyarska

#### Response

In response to Ballantyne and Schaefer's 'Consent and the ethical duty to participate in health data research' Nilay Hepgul, Katherine E Sleeman, Alice M Firth, Anna Johnston, James T H Teo, William Bernal, Richard J B Dobson, Irene J Higginson

Taxonomy of justifications for consent waivers: When and why are public views relevant? Angela Ballantyne, G Owen Scaefer

# JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

May 7, 2019 Original Investigation

Effect of Trans-Nasal Evaporative Intra-Arrest Cooling on Functional Neurologic Outcome in Out-of-Hospital Cardiac Arrest: The PRINCESS Randomized Clinical Trial Per Nordberg, MD, PhD; Fabio Silvio Taccone, MD, PhD; Anatolij Truhlar, MD, PhD; et al.

Effect of a Single Aspirin Dose Prior to Fecal Immunochemical Testing on Test Sensitivity for Detecting Advanced Colorectal Neoplasms: A Randomized Clinical Trial

Hermann Brenner, MD, MPH; Silvia Calderazzo, PhD; Thomas Seufferlein, MD; et al.

Effect of Aclidinium Bromide on Major Cardiovascular Events and Exacerbations in High-Risk Patients with Chronic Obstructive Pulmonary Disease: The ASCENT-COPD Randomized Clinical Trial Robert A. Wise, MD; Kenneth R. Chapman, MD; Benjamin M. Scirica, MD; et al.

Association of Gestational Weight Gain with Adverse Maternal and Infant Outcomes LifeCycle Project-Maternal Obesity and Childhood Outcomes Study Group

Research Letter

Prevalence of Alcoholic Fatty Liver Disease Among Adults in the United States, 2001-2016 Terrence Wong, MD; Katherine Dang, MAS; Sanah Ladhani, MD; et al.

Viewpoint The Implications of "Medicare for All" for US Hospitals Kevin A. Schulman, MD; Arnold Milstein, MD

Ensuring Equity and Justice in the Care and Outcomes of Patients with Cancer Blase N. Polite, MD; Abbe R. Gluck, JD; Otis W. Brawley, MD

Closing the Gender Wage Gap and Achieving Professional Equity in Medicine Maryam M. Asgari, MD, MPH; Phyllis L. Carr, MD; Carol K. Bates, MD

Reimagining Health—Flourishing Tyler J. VanderWeele, PhD; Eileen McNeely, PhD, NP; Howard K. Koh, MD, MPH

A Piece of My Mind History Taking in the Anatomy Lab Bethany Kette, BA Editorial

US Health Policy—2020 and Beyond: Introducing a New JAMA Series Karen E. Joynt Maddox, MD, MPH; Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA

Translating Protective Hypothermia During Cardiac Arrest into Clinical Practice Karen G. Hirsch, MD; Clifton W. Callaway, MD, PhD

Women's Health: A New JAMA Clinical Insights Series Carolyn J. Crandall, MD, MS; Edward Livingston, MD

JAMA Insights Treatment of Nonmetastatic Breast Cancer Kathryn J. Ruddy, MD, MPH; Patricia A. Ganz, MD

JAMA Clinical Challenge Irregular Lipomatous Extremity Tumor Danielle S. Graham, MD, MBA; Brian E. Kadera, MD; Fritz C. Eilber, MD

From the Medical Letter on Drugs and Therapeutics Cardiovascular Benefits of SGLT2 Inhibitors and GLP-1 Receptor Agonists in Type 2 Diabetes

Editor's Note Prepregnancy Body Mass Index, Weight Gain During Pregnancy, and Health Outcomes Mary M. McDermott, MD; Linda Brubaker, MD

Medical News & Perspectives High-Fiber Diet Might Protect Against Range of Conditions How Do Multiple Symptoms Really Affect Older Adults?

News from the Food and Drug Administration Efforts to Improve Mammography Highlight Breast Density New Device for Patients with Heart Failure Caution Accompanies New MS Drug

The JAMA Forum Doing Health Reform Better: Listening to the Public Andy Slavitt, MBA

Bench to Bedside Fever Induces a Molecular Homing Response in Immune Cells During Infection Tracy Hampton, PhD

Comment & Response Prophylactic Hypothermia for Severe Traumatic Brain Injury Racial Disparities in Low-Risk Prostate Cancer Transparent Disclosure of Conflicts of Interest Group Purchasing Organizations and Costs

Poetry and Medicine Bouquet John Patrick Murray, MD

#### May 14, 2019

#### Original Investigation

Effect of Restriction of the Number of Concurrently Open Records in an Electronic Health Record on Wrong-Patient Order Errors: A Randomized Clinical Trial Jason S. Adelman, MD, MS; Jo R. Applebaum, MPH; Clyde B. Schechter, MD, MA; et al.

Association of Unrecognized Obstructive Sleep Apnea with Postoperative Cardiovascular Events in Patients Undergoing Major Noncardiac Surgery Matthew T. V. Chan, MBBS, PhD; Chew Yin Wang, MBChB; Edwin Seet, MBBS, MMed; et al.

Association of a Beverage Tax on Sugar-Sweetened and Artificially Sweetened Beverages with Changes in Beverage Prices and Sales at Chain Retailers in a Large Urban Setting Christina A. Roberto, PhD; Hannah G. Lawman, PhD; Michael T. LeVasseur, PhD, MPH; et al.

#### Research Letter

Postpublication Metrics of Randomized Clinical Trials with and Without Null Findings Stuart B. Murray, PhD; James A. Heathers, PhD; Rebecca M. Schauer, BA; et al.

#### Viewpoint

From Distrust to Building Trust in Clinician-Organization Relationships Mary Jane Kornacki, MS; Jack Silversin, DMD, DrPH; Dave A. Chokshi, MD, MSc

Building Trust Between the Government and Clinicians: Person to Person and Organization to Organization Peter V. Lee, JD; Donald Berwick, MD; Christine A. Sinsky, MD

Long-lasting Consequences of Gun Violence and Mass Shootings Ali Rowhani-Rahbar, MD, MPH, PhD; Douglas F. Zatzick, MD; Frederick P. Rivara, MD, MPH

Health Insurance and Mobile Health Devices: Opportunities and Concerns Inbar Raber, MD; Cian P. McCarthy, MB, BCh, BAO; Robert W. Yeh, MD JAMA Revisited To Seek, per Chance to Find

JAMA Patient Page Necrotizing Soft Tissue Infections Ioana Baiu, MD, MPH; Kristan Staudenmayer, MD

A Piece of My Mind Listen to Your Heart Jay R. Kostman, MD

Editorial Restricting the Number of Open Patient Records in the Electronic Health Record: Is the Record Half Open or Half Closed? Robert M. Wachter, MD; Sara G. Murray, MD, MAS; Julia Adler-Milstein, PhD

Unrecognized Obstructive Sleep Apnea and Postoperative Cardiovascular Complications: A Wake-up Call Dennis Auckley, MD; Stavros Memtsoudis, MD, PhD, MBA

Sugar-Sweetened Beverage Taxes: Emerging Evidence on a New Public Health Policy Kristine A. Madsen, MD, MPH; James Krieger, MD, MPH; Xavier Morales, PhD, MRP

#### Review

Management of Preexisting Diabetes in Pregnancy: A Review Anastasia-Stefania Alexopoulos, MBBS; Rachel Blair, MD; Anne L. Peters, MD

#### JAMA Insights

What Are Polygenic Scores and Why Are They Important? Leo P. Sugrue, MD, PhD; Rahul S. Desikan, MD, PhD

JAMA Clinical Guidelines Synopsis Diagnosis and Management of Crohn Disease Lauren Feld, MD; Laura R. Glick, BA; Adam S. Cifu, MD

Medical News & Perspectives The Arts Dispel Medical Students' Qualms About Dementia Wild Health: Dogs and Bats and Chickens, Oh My!

The JAMA Forum Democrats Ponder Options: Medicare for All, Medicare for More, or Strengthening the ACA Gail Wilensky, PhD

News from the Centers for Disease Control and Prevention TB at Record Low in US HIV Underdiagnosed Bioetch Innovations AI Identifies Implanted Cardiac Devices Novel Nanochip Paves Way for Early Ovarian Cancer Detection Off-the-Shelf Bioengineered Blood Vessels Tested in Trails

Poetry and Medicine Love Poem Without Wheat Theresa Burns

#### May 21, 2019

Original Investigation Effect of Initial Management with Aflibercept vs Laser Photocoagulation vs Observation on Vision Loss Among Patients with Diabetic Macular Edema Involving the Center of the Macula and Good Visual Acuity: A Randomized Clinical Trial Carl W. Baker, MD; Adam R. Glassman, MS; Wesley T. Beaulieu, PhD; et al.

Trends in Levels of Lipids and Apolipoprotein B in US Youths Aged 6 to 19 Years, 1999-2016 Amanda M. Perak, MD, MS; Hongyan Ning, MD, MS; Brian K. Kit, MD, MPH; et al.

Association of Changes in Air Quality with Incident Asthma in Children in California, 1993-2014 Erika Garcia, PhD; Kiros T. Berhane, PhD; Talat Islam, PhD; et al.

Association of Household Income with Life Expectancy and Cause-Specific Mortality in Norway, 2005-2015 Jonas Minet Kinge, PhD; Jørgen Heibø Modalsli, PhD; Simon Øverland, PhD; et al.

#### Research Letter

Trends in Incidence and Stage at Diagnosis of Colorectal Cancer in Adults Aged 40 Through 49 Years, 1975-2015 Reinier G. S. Meester, PhD; Ajitha Mannalithara, PhD; Iris Lansdorp-Vogelaar, PhD; et al.

#### Viewpoint

Counteracting Health Misinformation: A Role for Medical Journals? Paul W. Armstrong, MD; C. David Naylor, MD, DPhil

Measuring What Matters in Diabetes Rene Rodriguez-Gutierrez, MD, MSc; Rozalina G. McCoy, MD, MS JAMA Revisited Narcotic Drug Addiction as Regulated by a State Department of Health Thomas S. Blair, M.D.

JAMA Patient Page Rib Fractures Ioana Baiu, MD, MPH; David Spain, MD

Comment & Response High-Flow Oxygen Therapy for Respiratory Failure in Immunocompromised Patients Acute Kidney Injury Related to Sepsis Patient-Centered Performance Metrics

Resurgence in Diabetes-Related Complications Edward W. Gregg, PhD; Israel Hora, PhD; Stephen R. Benoit, MD

Direct-to-Consumer Genetic Testing and Potential Loopholes in Protecting Consumer Privacy and Nondiscrimination Rachele M. Hendricks-Sturrup, DHSc, MSc, MA; Anya E. R. Prince, JD, MPP; Christine Y. Lu, PhD, MSc

A Piece of My Mind Systole and Diastole, Strength and Openness Colleen M. Farrell, MD

Editorial Patients with Good Vision and Diabetic Macular Edema Involving the Center of the Macula: To Treat or Not to Treat? Emily Y. Chew, MD

Air Pollution Exposure and Asthma Incidence in Children: Demonstrating the Value of Air Quality Standards George D. Thurston, ScD; Mary B. Rice, MD, MPH

JAMA Insights Metformin in 2019 James Flory, MD, MSCE; Kasia Lipska, MD, MHS

JAMA Clinical Guidelines Synopsis Diagnosis and Management of Thyroid Disease During Pregnancy and the Postpartum Period Laura T. Dickens, MD; Adam S. Cifu, MD; Ronald N. Cohen, MD

JAMA Clinical Challenge Fever, Rash, and Migratory Polyarthralgias David C. Gaston, MD, PhD; David R. Peaper, MD, PhD; Sonali D. Advani, MBBS, MPH Medical News & Perspective Does Skipping Breakfast Lead to Weight Loss or Weight Gain? A Day in the Life: Adventures of a Wilderness Medicine Physician

News from the Food and Drug Administration Two-Drug Regimen for HIV Precision Approach to Bladder Cancer Caution with New Osteoporosis Drug

#### Global Health

Hugh Swath of North Korea Faces the Threat of Hunger Water and Sanitation Deficits Take a Troll in Armed Conflict

Sky-High Mortality Rates from Cesarean Delivery in Africa

#### May 28, 2019

Original Investigation

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

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

Effect of a Recombinant Human Soluble Thrombomodulin on Mortality in Patients with Sepsis-Associated Coagulopathy: The SCARLET Randomized Clinical Trial Jean-Louis Vincent, MD, PhD; Bruno Francois, MD; Igor

Zabolotskikh, MD, PhD; et al.

Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis Christopher W. Seymour, MD, MSc; Jason N. Kennedy, MS; Shu Wang, MS; et al.

#### Research Letter

Specialty Drug Pricing and Out-of-Pocket Spending on Orally Administered Anticancer Drugs in Medicare Part D, 2010 to 2019 Stacie B. Dusetzina, PhD; Haiden A. Huskamp, PhD; Nancy L. Keating, MD, MPH

Penalties and Rewards for Safety Net vs Non–Safety Net Hospitals in the First 2 Years of the Comprehensive Care for Joint Replacement Model Caroline P. Thirukumaran, MBBS, MHA, PhD; Laurent G. Glance, MD; Xueya Cai, PhD; et al.

A Piece of My Mind Metronome Sara R. Zaidi, MD Poetry and Medicine One Syllable Julie Dunlop

JAMA Revisited Minor Comments

JAMA Patient Page Epiglottitis Ioana Baiu, MD, MPH; Elliot Melendez, MD

Comment & Response Meta-analysis of Opioids for Chronic Pain Self-medication as Part of Self-management Plans for Patients With COPD Need for Randomized Trials to Support Procedural Interventions

Viewpoint Treatment of Patients with Psychogenic Nonepileptic Attacks Benjamin Tolchin, MD, MS; Steve Martino, PhD; Lawrence J. Hirsch, MD

Safe Vaccinations for a Healthy Nation: Increasing US Vaccine Coverage Through Law, Science, and Communication Lawrence O. Gostin, JD; Scott C. Ratzan, MD, MPA, MA; Barry R. Bloom, PhD

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

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

Health Concerns in Urban SlumsA Glimpse of Things to Come?

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

Serving Individuals and Populations Within Integrated Health Systems: A Bridge Too Far? Hamilton Moses III, MD; David H. M. Matheson, JD, MBA; George Poste, DVM, PhD, FRS

#### Editorial

Recombinant Human Soluble Thrombomodulin in Patients with Sepsis-Associated Coagulopathy: Another Negative Sepsis Trial? Tom van der Poll, MD, PhD

New Phenotypes for Sepsis: The Promise and Problem of Applying Machine Learning and Artificial Intelligence in Clinical Research William A. Knaus, MD; Richard D. Marks, JD JAMA Insights Women's Health Cervical Cancer Screening: More Choices in 2019 George F. Sawaya, MD; Karen Smith-McCune, MD, PhD; Miriam Kuppermann, PhD, MPH

Active Surveillance of Low-Risk Thyroid Cancer Kyle A. Zanocco, MD, MS; Jerome M. Hershman, MD, MS; Angela M. Leung, MD, MSc

JAMA Clinical Guidelines Synopsis Colorectal Cancer Screening Nina Gupta, MD; Sonia S. Kupfer, MD; Andrew M. Davis, MD, MPH

Medical News & Perspectives Study Puts Eggs and Dietary Cholesterol Back on the Radar Nearly All Medications Contain Potentially Allergenic Inactive Ingredients, Analysis Shows

The JAMA Forum Practical Steps to Make Health Care Better David M. Cutler, PhD

News from the Centers for Disease Control and Prevention Office-Related COPD Kratom-Related Deaths

# LINACRE QUARTERLY

*February 2019* Editorial A New Year and New Features for The Linacre Quarterly Barbara Golder

From the Past Who Speaks for the Fetus Eugene F. Diamond, MD

On Being a Catholic Physician Why Is Faith Important for Physicians during Discernment and Formation? Kelly M. Schuering, BA, Kathleen Anthony, BS, Logan LeBlanc, MD, Brittany Gatta, MD Brittany Gatta

Ministering to Suffering Families within Our Practices: A Useful Template Paul A. Carpentier, MD, CFCMC

Reprint Humanae Vitae (On the Regulation of Birth) Pope Paul, VI Clinical Trials Update TAVR vs Surgery in Low-Risk Patients Persistent Hashimoto Symptoms Abate with Thyroidectomy CBT for Body Dysmorphic Disorder More Folic Acid for Pregnant Smokers

Health Agencies Update Scientists Restore Some Functions in Slaughtered Pig Brains Studies Needed to Determine Costs of Untreated Behavioral Conditions Medicare Advantage Expands Telehealth Services

Poetry and Medicine Drift Malini M. Gandhi, BS

JAMA Revisited Science and Surgery

JAMA Patient Page Enteral Nutrition Ioana Baiu, MD, MPH; David A. Spain, MD

Comment & Response Aircraft Cabin Hypoxia and Adverse Medical Events Approach to Evaluation of Multiple Liver Lesions Fibrinolytic Therapy to Reduce Microvascular Obstruction After Myocardial Infarction

Articles Redefining Direct and Indirect Abortions through "The Perspective of the Acting Person": A Misreading of Veritatis Splendor Irene Alexander, MA, PhD

Opioids, (Non)-medical Marijuana, and the Cult of the Body Ethan Schimmoeller

Gestational Surrogacy: Current View Justo Aznar, MD, PhD, Miriam Martínez Peris, PhD

Response of One Man of Science to Humanae Vitae Joan C. Clements, Mary D. Walsh, MBBS, FRACGP, Paschal M. Corby, OFM Conv., MBBS, BTheol, STL, STD (JPII Rome)

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