



Periodical Review

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

American Journal of Bioethics

September 2018

Editorial

We Convey More Than We (Literally) Say

Jason N. Batten, Bonnie O. Wong, William F. Hanks & David Magnus

Target Article

In Defense of “Denial”: Difficulty Knowing When Beliefs Are Unrealistic and Whether Unrealistic Beliefs Are Bad

J. S. Blumenthal-Barby & Peter A. Ubel

Open Peer Commentaries

“I Know I’m Going to Beat This”: When Patients and Doctors Disagree About Prognosis

Julie W. Childers & Robert M. Arnold

Propositions and Pragmatics

Kevin P. Weinfurt

In Defense of Common Human Responses

Debjani Mukherjee & Rebecca Brashler

Off-Target Effects of a Defense of Denial

Mary Anderlik Majumder & Christopher Thomas Scott

Weaponizing Hope: Sources of Hope, Unrealistic Optimism, and Denial

Marsha Michie, Megan Allyse, Katie A. Stoll & Zubin Master

Why (Some) Unrealistic Optimism is Permissible in Patient Decision Making

Anneli Jefferson & Lisa Bortolotti

Denial and Dyads: Patients Whose Surrogates and Physicians Are Unrealistically Optimistic

Jeffrey T. Berger & Dana Ribeiro Miller

Hope, Denial, and Third-Party Effects

Dale Murray

When Denial Hurts the Children: An Argument for Accountability of Denial in Parental Decision Making

Ilana Jerud & Samantha Knowlton

The Unintended Consequences of Reframing Denial, Unrealistic Optimism, and Self-Deception

Andy Kondrat

Target Article

The Ethics of Smart Pills and Self-Acting Devices: Autonomy, Truth-Telling, and Trust at the Dawn of Digital Medicine
Craig M. Klugman, Laura B. Dunn, Jack Schwartz & I. Glenn Cohen

Open Peer Commentaries

Getting Off the Leash

Tom Tomlinson

Digital Medicine and Ethics: Rooting for Evidence

Effy Vayena & Marcello Ienca

Digital Medicine, Cybersecurity, and Ethics: An Uneasy Relationship

Karsten Weber, Michele Loi, Markus Christen & Nadine Kleine

Dependence on Digital Medicine in Resource-Limited Settings

Jeffrey I. Campbell, Jessica Haberer, Angella Musiimenta & Nir Eyal

Policing Compliance: Digital Medicine and Criminal Justice-Involved Persons

Mélanie Terrasse & Dominic A. Sisti

Surveillance Medicine in the DigitalEra: Lessons from Addiction Treatment

Adrian Carter, Michael Savic & Cynthia Forlini

Adherence, Surveillance, and Technological Hubris

Eric S. Swirsky & Andrew D. Boyd

Resisting the Digital Medicine Panopticon: Toward a Bioethics of the Oppressed

Adrian Guta, Jijian Voronka & Marilou Gagnon

Smart Pills for Psychosis: The Tricky Ethical Challenges of Digital Medicine for Serious Mental Illness

Anna K. Swartz

Surveillance and Digital Health

Nicole Martinez-Martin & Danton Char

Digital Medicine: An Opportunity to Revisit the Role of Bioethicists

Karin R. Jongsma, Annelien L. Bredenoord & Federica Lucivero

Book Review

Review of Lori A. Roscoe and David Schenck, *Communication and Bioethics at the End of Life: Real Cases, Real Dilemmas*

Lisa Anderson-Shaw

Correspondence

Response to Open Peer Commentaries on “In Defense of ‘Denial’: Difficulty Knowing When Beliefs Are Unrealistic and Whether Unrealistic Beliefs Are Bad”

J. S. Blumenthal-Barby & Peter A Ubel

Uterus Transplantation: Response to Open Peer Commentaries on the Ethics of Using Deceased Versus Living Donors

Bethany Bruno & Kavita Shah Arora

Response to Open Peer Commentaries on “Provider Conscientious Refusal of Abortion, Obstetrical Emergencies, and Criminal Homicide Law”

Lawrence Nelson

Cambridge Quarterly of Healthcare Ethics

October 2018

From the Editors

If It Only Had a Brain: What “Neuro” Means for Science and Ethics

Thomasine Kushner and James Giordano

The Road Less Traveled

Constructive Disappointment and Disbelief: Building a Career in Neuroethics

Joseph J. Fins

Symposium: Competing Identities of Neuroethics

Pragmatic Convergence and the Epistemology of an Adolescent Neuroethics

Joseph J. Fins and Judy Illes

The New Ethics of Neuroethics

Tom Buller

Two Problematic Foundations of Neuroethics and Pragmatist Reconstructions

Eric Racine and Matthew Sample

Pragmatic Neuroethics: Lived Experiences as a Source of Moral Knowledge

Gabriela Pavarini and Ilina Singh

Neurolaw and Neuroethics

Jennifer A. Chandler

Articles

Who Owns My Autonomous Vehicle? Ethics and Responsibility in Artificial and Human Intelligence

John Harris

Neurophilosophical and Ethical Aspects of Virtual Reality Therapy in Neurology and Psychiatry

Philipp Kellmeyer

Neuroscience and Social Problems: The Case of Neuropunishment

Alena Buyx and David Birks

Brain–Computer Interfaces: Lessons to Be Learned from the Ethics of Algorithms

Andreas Wolkenstein, Ralf J. Jox and Orsolya Friedrich

Call of Duty at the Frontier of Research: Normative Epistemology for High-Risk/High-Gain Studies of Deep Brain Stimulation

Merlin Bittlinger

Ethical Considerations in Ending Exploratory Brain–Computer Interface Research Studies in Locked-in Syndrome

Eran Klein, Betts Peters, and Matt Higger

Do New Neuroimaging Findings Challenge the Ethical Basis of Advance Directives in Disorders of Consciousness?

Orsolya Friedrich, Andreas Wolkenstein, Ralf J. Jox, Niek Rogger and Claudia Bozzaro

Amplio, Ergo Sum

David R. Lawrence

Doing Good, Choosing Freely: How Moral Enhancement Can Be Compatible with Individual Freedom

Joshua M. Brostoff

Concussion in Sport: The Unheeded Evidence
Grant Gillett

Neuroethics: A Conceptual Approach
Michele Farisco, Arleen Salles and Kathinka Evers

Looking Ahead: The Importance of Views, Values, and Voices in Neuroethics—Now
James Giordano

Department and Columns
Pathographies: Voices of Illness – My Unexpected Journey from Medication to Meditation
Atia Sattar

What Do I Do Now? – The Case: Medically Disabled or Malingering?

Commentary: Treating the Patient Who Has the Disease
Eric H. Denys

Commentary: Doing the Most Good with the Least Harm in Cases of Suspected Malingering
Brian Andrews

Ethics and Medics

September 2018

“Exterminate! Exterminate!” Babies with Downs at Risk
Rev. James McTavish

Preserving Consciousness at the End of Life
Diana L. Ruzicka, RN

Health Affairs

September 2018

From the Editor-In-Chief
California: Leading the Way?
Alan R. Weil

Datagraphic
Health Care in California

Entry Point: Public Health
Confronting the Effects of Climate Change on Health in California
David Tuller

Overview: State Issues
California’s Efforts to Cover the Uninsured: Successes, Building Blocks, And Challenges
Walter A. Zelman, and Lucien Wulsin

Commentary: State Issues
Beyond The ACA: Paths to Universal Coverage in California
Andrew B. Bindman, Marian R. Mulkey, and Richard Kronick

Commentary: Access to Care
Universal Health Care: Lessons From San Francisco
Ken Jacobs, and Laurel Lucia

Overview: Health Equity

Managing Diversity to Eliminate Disparities: A Framework for Health

Michelle Ko, Cary Sanders, Sarah de Guia, Riti Shimkhada, and Ninez A. Ponce

Research Article: Health Equity

California And the Changing American Narrative on Diversity, Race, And Health

Paul Hsu, Mara C. Bryant, Teodocia M. Hayes-Bautista, Keosha R. Partlow, and David E. Hayes-Bautista

Access-To-Care Differences Between Mexican-Heritage and Other Latinos In California After the Affordable Care Act

Arturo Vargas Bustamante, Ryan M. McKenna, Joseph Viana, Alexander N. Ortega, and Jie Chen

Research Article: Markets

Consolidation Trends in California's Health Care System: Impacts on ACA Premiums and Outpatient Visit Prices

Richard M. Scheffler, Daniel R. Arnold, and Christopher M. Whaley

The California Competitive Model: How Has It Fared, And What's Next?

Glenn A. Melnick, Katya Fonkych, and Jack Zwanziger

Policy Insight: Markets

With Roots in California, Managed Competition Still Aims to Reform Health Care

Alain C. Enthoven, and Laurence C. Baker

People & Places: Costs & Spending Organization of Care

Crunching the Numbers on Integrated Care

Jessica Bylander

Research Article: Medicaid

Beneficiaries Respond to California's Program to Integrate Medicare, Medicaid, And Long-Term Services

Carrie L. Graham, Pi-Ju Liu, Brooke A. Hollister, H. Stephen Kaye, and Charlene Harrington

Publicly Funded Family Planning: Lessons from California, Before and After the ACA's Medicaid Expansion

Dawnte R. Early, Melanie S. Dove, Heike Thiel de Bocanegra, and Eleanor B. Schwarz

Research Article: Behavioral Health Care

Evaluation of The Behavioral Health Integration and Complex Care Initiative in Medi-Cal

Todd P. Gilmer, Marc Avery, Elizabeth Siantz, Benjamin F. Henwood, Kimberly Center, Elise Pomerance, and Jennifer Sayles

Research Article: Hiv/Aids

The Impact of Medicaid Expansion on People Living with HIV And Seeking Behavioral Health Services

Emily A. Arnold, Shannon Fuller, Valerie Kirby, and Wayne T. Steward

Research Article: Population Health

One in Five Fewer Heart Attacks: Impact, Savings, And Sustainability in San Diego County Collaborative

Allen Fremont, Alice Y. Kim, Katherine Bailey, Hattie Rees Hanley, Christine Thorne, R. James Dudl, Robert M. Kaplan, Stephen

M. Shortell, and Anthony N. DeMaria

Research Article: Nurses

California Nurse Practitioners Are Positioned to Fill the Primary Care Gap, But They Face Barriers to Practice

Joanne Spetz, and Ulrike Muench

Research Article: Maternal & Child Health

Addressing Maternal Mortality and Morbidity in California Through Public-Private Partnerships

Elliott K. Main, Cathie Markow, and Jeff Gould

Research Article: Pharmaceuticals & Medical Technology

Mandatory Health Care Provider Counseling for Parents Led to A Decline in Vaccine Exemptions In California

Malia Jones, Alison M. Buttenheim, Daniel Salmon, and Saad B. Omer

California's Drug Transparency Law: Navigating the Boundaries of State Authority on Drug Pricing

Katherine L. Gudiksen, Timothy T. Brown, Christopher M. Whaley, and Jaime S. King

A Health Plan's Formulary Led to Reduced Use of Extended-Release Opioids but Did Not Lower Overall Opioid Use

Michael L. Barnett, Andrew R. Olenski, N. Marcus Thygeson, Denis Ishisaka, Salina Wong, Anupam B. Jena, and Ateev Mehrotra

Research Article: Oral Health

Medical Loss Ratios for California's Dental Insurance Plans: Assessing Consumer Value and Policy Solutions

Len Finocchio, and Katrina Connolly

Narrative Matters: Government Programs & Policies

California's Paid Leave Helped My Patient

Gail Wagner

Grantwatch

Foundations in California: What Are They Funding?

Book Review

Prenatal Anxieties

John D. Lantos

Big Ideas in Health Economics

Jonathan S. Skinner

Letters

Covering Noninvasive Prenatal Screening

Arnold Cohen

From the Publisher

Tuberculosis Is A Threat to Global Health Security

Tom Kenyon

Journal of the American Medical Association

September 4, 2018

Viewpoint

Oral Rehydration Therapy for Diarrheal Diseases: A 50-Year Perspective

Roger I. Glass, MD, PhD; Barbara J. Stoll, MD

Real-World Evidence and Real-World Data for Evaluating Drug Safety and Effectiveness

Jacqueline Corrigan-Curay, JD, MD; Leonard Sacks, MD; Janet Woodcock, MD

Promoting Patient Interests in Implementing the Federal Right to Try Act

Holly Fernandez Lynch, JD, MBE; Patricia J. Zettler, JD; Ameet Sarpatwari, JD, PhD

Use of Palliative Care Earlier in the Disease Course in the Context of the Opioid Epidemic: Educational, Research, and Policy Issues

Yael Schenker, MD, MAS; Jessica S. Merlin, MD, PhD, MBA; Timothy E. Quill, MD

National Academies of Sciences, Engineering, and Medicine Report on Sexual Harassment: Making the Case for Fundamental Institutional Change

Amy L. Fairchild, PhD, MPH; Lavern J. Holyfield, DDS; Carrie L. Byington, MD

A Piece of My Mind
Good Documentation
Curtis G. Kommer, MD

Editorial

Medicare Bundled Payment Programs for Joint Replacement: Anatomy of a Successful Payment Reform
Andrew M. Ryan, PhD

Original Investigation

Effect of Immediate vs Gradual Reduction in Nicotine Content of Cigarettes on Biomarkers of Smoke Exposure: A Randomized Clinical Trial

Dorothy K. Hatsukami, PhD; Xianghua Luo, PhD; Joni A. Jensen, MPH; et al.

Mandatory Medicare Bundled Payment Program for Lower Extremity Joint Replacement and Discharge to Institutional Postacute Care: Interim Analysis of the First Year of a 5-Year Randomized Trial

Amy Finkelstein, PhD; Yunan Ji, BA; Neale Mahoney, PhD; et al.

Association of Hospital Participation in a Medicare Bundled Payment Program With Volume and Case Mix of Lower Extremity Joint Replacement Episodes

Amol S. Navathe, MD, PhD; Joshua M. Liao, MD, MSc; Sarah E. Dykstra, BA; et al.

US Preventive Services Task Force

Recommendation Statement - Screening for Syphilis Infection in Pregnant Women: US Preventive Services Task Force

Reaffirmation Recommendation Statement

US Preventive Services Task Force

Evidence Report - Screening for Syphilis Infection in Pregnant Women: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Jennifer S. Lin, MD; Michelle L. Eder, PhD; Sarah I. Bean, MPH

From the Medical Letter on Drugs and Therapeutics

Drugs for Tobacco Dependence

Research Letter

Uptake of the Biologic Filgrastim and Its Biosimilar Product Among the Medicare Population

Steven Kozlowski, MD; Noy Birger, MPH; Stephaeno Brereton, MSc; et al.

Out-of-Pocket Costs for Infliximab and Its Biosimilar for Rheumatoid Arthritis Under Medicare Part D

Jinoos Yazdany, MD, MPH; R. Adams Dudley, MD, MBA; Grace A. Lin, MD, MAS; et al.

Medical News & Perspectives

Pursuing an Effective Ovarian Cancer Vaccine

A Day in the Life: Navy Flight Surgeon Handles Helicopters and Sailors' Ills

News from the Food and Drug Administration

New Endometriosis Drug Approved

When Is Milk Really Milk?

Magnetic Tracer System Identifies Sentinel Lymph Nodes

Bench to Bedside

Research Reveals Mechanism That May Drive Alcohol Use Disorder

Tracy Hampton, PhD

Comment & Response

SMART in the Management of Patients with Persistent Asthma
Lowering the P Value Threshold

Poetry and Medicine

Hands-on
Richard J. Rosenthal, MD

JAMA Revisited

The Dietary Habits of American College Girls

JAMA Patient Page

Screening for Syphilis in Pregnant Women
Jill Jin, MD, MPH

September 11, 2018

Viewpoint

The Challenge of Reforming Nutritional Epidemiologic Research
John P. A. Ioannidis, MD, DSc

Is US Medical Care Inefficient?

Victor R. Fuchs, PhD

How Disruptive Innovation by Business and Technology Firms Could Improve Population Health

Anne Stey, MD, MSc; Hemal Kanzaria, MD, MS; Robert Brook, MD, ScD

Navigating the Ethical Boundaries of Grateful Patient Fundraising

Megan E. Collins, MD, MPH; Steven A. Rum, MPA; Jeremy Sugarman, MD, MPH, MA

A Piece of My Mind

Pumped

Charlotte Grinberg, MD

Editorial

Carbapenem-Sparing Therapy for Extended-Spectrum β -Lactamase-Producing E coli and Klebsiella pneumoniae Bloodstream Infection: The Search Continues

Mary K. Hayden, MD; Sarah Y. Won, MD, MPH

The US Training System for Physicians—Need for Deeper Analysis

S. Claiborne Johnston, MD, PhD

Original Investigation

Effect of Piperacillin-Tazobactam vs Meropenem on 30-Day Mortality for Patients with E coli or Klebsiella pneumoniae Bloodstream Infection and Ceftriaxone Resistance: A Randomized Clinical Trial

Patrick N. A. Harris, MBBS; Paul A. Tambyah, MD; David C. Lye, MBBS; et al.

Effect of Levofloxacin Prophylaxis on Bacteremia in Children with Acute Leukemia or Undergoing Hematopoietic Stem Cell Transplantation A Randomized Clinical Trial

Sarah Alexander, MD; Brian T. Fisher, DO, MSCE; Aditya H. Gaur, MD; et al.

Association of Gestational Diabetes with Maternal Disorders of Glucose Metabolism and Childhood Adiposity

William L. Lowe Jr, MD; Denise M. Scholtens, PhD; Lynn P. Lowe, PhD; et al.

Association of Clinical, Imaging, and Thrombus Characteristics with Recanalization of Visible Intracranial Occlusion in Patients with Acute Ischemic Stroke

Bijoy K. Menon, MD, MSc; Fahad S. Al-Ajlan, MD; Mohamed Najm, BSc; et al.

JAMA Guide to Statistics and Methods

Case-Control Studies Using “Real-world” Evidence to Assess Association

Telba Z. Irony, PhD

Clinical Update

Management of Groin Hernias in Adults—2018

John Montgomery, MD; Justin B. Dimick, MD, MPH; Dana A. Telem, MD, MPH

JAMA Clinical Guidelines Synopsis

Diagnosis and Treatment of Clostridium difficile Infection

Arjun Gupta, MBBS; Adam S. Cifu, MD; Sahil Khanna, MBBS, MS

Research Letter

Lethality of Civilian Active Shooter Incidents with and Without Semiautomatic Rifles in the United States

Elzerie de Jager, MBBS(Hons); Eric Goralnick, MD, MS; Justin C. McCarty, DO; et al.

Medical News & Perspectives

Exploring the Relationship Between Depression and Dementia

Rita Rubin, MA

The JAMA Forum

Forced Separation of Children from Parents: Another Consideration

Diana J. Mason, PhD, RN

News from the Centers for Disease Control and Prevention

Mumps Outbreak Preparedness

Gaps in HIV Testing for Black Men

Biotech Innovations

HIV Preexposure Prophylaxis “Smart Pill” in Early Testing

Heat-Activation Concentrates Chemotherapy in Liver Tumors

Promising Results in 18-Month Analysis of Alzheimer Drug Candidate

Comment & Response

Antiplatelet Therapy After Coronary Artery Bypass Grafting

Generational Differences in Mentoring Relationships

Cold Agglutinins in Mycoplasma Infection

Poetry and Medicine

Seropositive

Lala Tanmoy Das

JAMA Revisited

Biological Problems of Death

Appendix

Medical Schools in the United States, 2017-2018

Barbara Barzansky, PhD; Sylvia I. Etzel

Graduate Medical Education, 2017-2018

Sarah E. Brotherton, PhD; Sylvia I. Etzel

JAMA Patient Page

Types of Hospitals in the United States

Jason B. Liu, MD; Rachel R. Kelz, MD, MSCE, MBA

September 18, 2018

Viewpoint

On the Prospects for a (Deep) Learning Health Care System

C. David Naylor, MD, DPhil

Deep Learning—A Technology with the Potential to Transform Health Care

Geoffrey Hinton, PhD

Informatics, Data Science, and Artificial Intelligence

Lisha Zhu, PhD; W. Jim Zheng, PhD

A Piece of My Mind

Silent Space

Ian J. Barbash, MD, MS

Editorial

Clinical Implications and Challenges of Artificial Intelligence and Deep Learning

William W. Stead, MD

Physician Burnout—A Serious Symptom, But of What?

Thomas L. Schwenk, MD; Katherine J. Gold, MD, MSW, MS

Weight Management in Adults with Obesity: What Is a Primary Care Clinician to Do?

Susan Z. Yanovski, MD

Original Investigation

Association of Clinical Specialty with Symptoms of Burnout and Career Choice Regret Among US Resident Physicians

Liselotte N. Dyrbye, MD, MHPE; Sara E. Burke, PhD; Rachel R. Hardeman, PhD, MPH; et al.

Prevalence of Burnout Among Physicians: A Systematic Review

Lisa S. Rotenstein, MD, MBA; Matthew Torre, MD; Marco A. Ramos, MD, PhD; et al.

Preliminary Communication

Discriminative Accuracy of [¹⁸F]flortaucipir Positron Emission Tomography for Alzheimer Disease vs Other Neurodegenerative Disorders

Rik Ossenkoppele, PhD; Gil D. Rabinovici, MD; Ruben Smith, MD, PhD; et al.

US Preventive Services Task Force

Recommendation Statement: Behavioral Weight Loss Interventions to Prevent Obesity-Related Morbidity and Mortality in Adults

US Preventive Services Task Force

Evidence Report: Behavioral and Pharmacotherapy Weight Loss Interventions to Prevent Obesity-Related Morbidity and Mortality in Adults - Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Erin S. LeBlanc, MD, MPH; Carrie D. Patnode, PhD, MPH; Elizabeth M. Webber, MS; et al.

JAMA Guide to Statistics and Methods

On Deep Learning for Medical Image Analysis

Lawrence Carin, PhD; Michael J. Pencina, PhD

Research Letter

Association Between Maintaining Certification in General Surgery and Loss-of-License Actions

Andrew T. Jones, PhD; Jason P. Kopp, PhD; Mark A. Malangoni, MD

Scholarship Support for Veterans Enrolling in MD, JD, and MBA Programs

Stephen Graves, MS; Brandon-Luke L. Seagle, MD; Masha Kocherginsky, PhD; et al.

Medical News & Perspectives

A Day in the Life Caring for Transgender Patients in New York City

Jennifer Abbasi

Are Bacteria Transplants the Future of Eczema Therapy?

Jennifer Abbasi

News From the Food and Drug Administration

Generic Form of EpiPen Approved

Vaginal Ring Contraceptive Remains Effective for 1 Year

Brain Stimulation Approved for Obsessive-Compulsive Disorder

The JAMA Forum

Enabling School Success to Improve Community Health

Josh Sharfstein, MD; Roberto Santamaria, MPH, MBA

Global Health

Armadillos Bring Risk of Leprosy

Early Initiation of Breastfeeding

Cardiovascular Disease in India

Comment & Response

Premedication for Neonates Requiring Nonemergency Intubation

Safety of Topical Calcineurin Inhibitors for Hailey-Hailey Disease

Treatment of Chronic Hepatitis B Infection

Poetry and Medicine

Spring Downsizing

Ronald Pies, MD

JAMA Revisited

Proprietaries, Pianos and Probity

JAMA Patient Page

Behavioral Interventions for Weight Loss

Jill Jin, MD, MPH

September 25, 2018

Viewpoint

Genetics, Biochemistry, and “Simple” Organisms Converge to Unlock Secrets in Histone Biology: The 2018 Albert Lasker Basic Medical Research Award

Michael Grunstein, PhD; C. David Allis, PhD

The Discovery and Development of Propofol Anesthesia: The 2018 Lasker-DeBakey Clinical Medical Research Award

John Baird (Iain) Glen, BVMS, PhD

Reducing Maternal Mortality in the United States

Michael C. Lu, MD, MS, MPH

The Acute Stroke Care Revolution: Enhancing Access to Therapeutic Advances

S. Andrew Josephson, MD; Hooman Kamel, MD

A Piece of My Mind

Letting Her Be in Charge

Lynn E. Fiellin, MD

Editorial

Treatment Algorithms for Staphylococcal Bacteremia: Improving Clinical Care and Enhancing Antimicrobial Stewardship

Eli N. Perencevich, MD, MS; Preeti N. Malani, MD, MSJ

Antibiotic Treatment for Uncomplicated Appendicitis Really Works: Results From 5 Years of Observation in the APPAC Trial

Edward H. Livingston, MD

Making Sense of the Genome Remains a Work in Progress

Wylie Burke, MD, PhD

Original Investigation

Effect of Algorithm-Based Therapy vs Usual Care on Clinical Success and Serious Adverse Events in Patients with Staphylococcal Bacteremia: A Randomized Clinical Trial

Thomas L. Holland, MD; Issam Raad, MD; Helen W. Boucher, MD; et al.

Five-Year Follow-up of Antibiotic Therapy for Uncomplicated Acute Appendicitis in the APPAC Randomized Clinical Trial

Paulina Salminen, MD, PhD; Risto Tuominen, MPH, PhD; Hannu Paajanen, MD, PhD; et al.

Prevalence of Variant Reclassification Following Hereditary Cancer Genetic Testing

Jacqueline Mersch, MS, CGC; Nichole Brown, MS, CGC; Sara Pirzadeh-Miller, MS, CGC; et al.

JAMA Insights

Fractional Flow Reserve Measurement for the Physiological Assessment of Coronary Artery Stenosis Severity

Deepak L. Bhatt, MD, MPH

Breast Reconstruction Following Breast Cancer Treatment—2018

Gordon K. Lee, MD; Clifford C. Sheckter, MD

JAMA Diagnostic Test Interpretation

Esophageal High-Resolution Manometry in Gastroesophageal Reflux Disease

Amit Patel, MD; Shai Posner, MD; C. Prakash Gyawali, MD, MRCP

Research Letter

Temporal Trends and Characteristics of Reportable Health Data Breaches, 2010-2017

Thomas H. McCoy Jr, MD; Roy H. Perlis, MD, MSc

Medical News & Perspectives

The Path to the First FDA-Approved Cannabis-Derived Treatment and What Comes Next

News From the Centers for Disease Control and Prevention

Opioid Use Disorder During Pregnancy

Disability and Access to Care

Clinical Trials Update

Mosaic HIV Vaccine Shows Promise

Antipsychotics May Affect Metabolism
Study Lays Foundation for TB Vaccine
Direct-mail FIT Improves Cancer Screening Rates
Informing Physicians of Fatal Overdose Curbs Opioid Prescribing

Health Agencies Update
Obesity and Influenza A Shedding
Diversifying the NIH-Funded Workforce
Indian Health Service Launches Opioids Website

Comment & Response
Antibiotic Treatment for Uncomplicated Urinary Tract Infections
Use of a Wearable Activity Monitor in a Home-Based Exercise Intervention for Peripheral Artery Disease
Improving Health Care Value by Considering Cost-effectiveness

The Arts and Medicine
Cystic Fibrosis in Art
Eliza Jane Temple Milliken

Poetry and Medicine
Runner Heal Thyself
Erin McConnell, MD

JAMA Revisited
The Daily Press and the “Futilities of Contemporary Science”

JAMA Patient Page
Gallbladder Cancer
Ioana Baiu, MD, MPH; Brendan Visser, MD

Linacre Quarterly

August 2018

Editorial

On being a Catholic Palliative Medicine Physician
Natalie Rodden

Theological Reflections
Practicing Medicine in Light of the Gospel
John M. Travaline

Benediction of Vanderbilt Christian Medical Student Graduates
E. Wesley Ely

“Mirror of Patients”: A Reflection on the Honor of Serving as a Male Obstetrician-gynecologist
Jonathan D. Scrafford

Commentary
The Embrace of the Proabortion Turnaway Study: Wishful Thinking? or Willful Deceptions?
David C. Reardon

On Being a Catholic Physician
An Operating Room Experience Necessitating Prayer: Through a Medical Student’s Eyes
Victoria M. Treboschi

Engage or Run: Reflections on My Intern Year
Brian R. Lindman

Editorial

A Voice from the Past: Fifty Years Ago in the Linacre Quarterly
Barbara Golder

Articles

The Physician and the Sexual Revolution
Max Levin

Reducing the Risk of Gynecologic Cancer in Hereditary Breast Ovarian Cancer Syndrome Mutation Carriers: Moral Dilemmas and the Principle of Double Effect
Murray Joseph Casey and Todd A. Salzman

Treatment of an Ectopic Pregnancy: An Ethical Reanalysis
Maureen L. Condic and Donna Harrison

Original Research

The Ethics of Interstitial and Cesarean Scar Ectopic Pregnancies: Four Case Studies and a Review of the Literature
Cara Buskmiller

Review

Current Medical Research: Summer/Fall 2017
Richard J. Fehring and Mary Lee Barron

L'Osservatore Romano

August 31, 2018

Pope Francis in Ireland: A journey of healing

A challenge and a joy
Diarmuid Martin

Exchange of instruments of ratification: Framework Agreement between Holy See and the Republic of Benin

Family is all about 'connection'
Eamon Martin

Families are the glue of society: In Ireland the Holy Father denounces the failure of ecclesial authorities to adequately address the abuse scandal

Teach your children the language of love: Meeting with young couples in Dublin's Pro-Cathedral

Accept without questioning: Francis at the Capuchin day centre

As one great family: Festival of Families at Croke Park Stadium

Firm in the pursuit of truth and justice: At Knock Shrine the Pope speaks about the wounds of abuse

The world needs families: The Holy Father concludes the World Meeting with Mass in Phoenix Park

The courage of purification: Meeting with Bishops

Journey toward forgiveness: Welcome migrants with prudence, integration and openness of heart, In-flight press conference

Scandals and healing
Giovanni Maria Vian

Honesty and courage: At the General Audience Francis recounts his visit to Ireland

September 7, 2018

Guarantee access to clean water: Holy Father's Message for World Day of Prayer for Creation

Seeking concrete responses with young people: On the 'Instrumentum Laboris'

Ambassador of the Philippines presents her Credentials

Time to make peace with life: At the General Audience the Pope reflects on rest

There is a need for passion: To the delegation of motocyclists

At the service of sustainable tourism: Opportunities and risks of digital technologies
Peter Kodwo Appiah Turkson

The Saint who makes impossible things possible: Audience with the Oblates of Saint Joseph

Dialogue with Nature
Juan José Omella

Sports as Gospel Encounter: On the Document 'Giving the Best of Yourself'
Paul A. McGavin

Responsible for the future of our planet: Pope Francis to participants in a meeting on 'Laudato Si'

For a culture of compassionate love: Bartholomew on care for creation

Seeking concrete responses: On the 'Instrumentum Laboris' for the Synod on young people
Lorenzo Baldisseri

To avoid a catastrophe in Idlib: At the Angelus, the Pope makes an appeal for Syria

A Vespa for the Pope's charity

September 14, 2018

For the protection of minors: The Pope convokes a meeting with presidents of episcopal conferences

Listening to victims and survivors

Free of slavery: At the General Audience the Pope continues reflection on the Commandments

Delegates of friendship: The Holy Father hopes to visit Japan in 2019

Integral human development in a multilateral context: Celebrating the Universal Declaration of Human Rights
Paul Richard Gallagher

Men of prayer, proclamation and communion: Pope Francis speaks of the ministry of bishops

Christians in Pakistan: a flourishing minority – Interview with Cardinal Joseph Coutts
Nicola Gori

Listening to victims and survivors: Pontifical Commission for the Protection of Minors concludes its ninth Plenary Assembly

Sisters in faith and in the Body of Christ: To the International Union of Benedictines

For the integral development of Africa: Prefect of the Dicastery for Communication encourages collaboration among Catholic media
Paolo Ruffini

Education and work for African youth: Pope's prayer intention for September

Trust and cooperation between school and family: Holy Father to representatives of the Italian Parents' Association

Good is to be done without ostentation: The Pontiff's reflection before the Angelus prayer

Explaining the plights of refugees to children

September 21, 2018

In the sign of a priest
Giovanni Maria Vian

Recognizing those who gave us life: The Pope recalls the duty to honour parents

With the style of 'minority': In the audience with the General Chapter of the Order of Friars Minor Capuchin

We cannot close our eyes: The Pontiff emphasizes the plight of refugees in Syria and Iraq

'One cannot believe in God and be mafioso'

The word 'hate' should be erased: The Pope's homily in Palermo

To heal the wounds: The Holy Father's conversation with Jesuits in Dublin

May the Gospel be your nourishment: In audience with recently appointed Bishops

Promoting nuclear disarmament: Secretary for Relations with States to the International Atomic Energy Agency

Good is strong than evil and hate: At the Angelus the Holy Father recalls his visit to Sicily

September 28, 2018

Harmonizing differences: Pope Francis in the Baltic countries on a pastoral journey of understanding and openness

Provisional Agreement between the Holy See and the People's Republic of China: A date in history
Giovanni Maria Vian

Communiqué on the meeting in Beijing

Statement by Secretary of State Cardinal Parolin

The Diocese of Chengde

Briefing not about the Catholic Church in China

Work towards reconciliation: To the Catholics of China and to the universal Church

At the heart of a long journey
Giovanni Maria Vian

Holy See and People's Republic of China: Two hundred years of relations
Federico Lombardi, SJ

Bridge between east and west: In Vilnius the Pope asks Lithuania to take the path of openness and understanding

The power of remembrance
Giovanni Maria Vian

Time for solidarity: At the Shrine of the Mother of Mercy in Vilnius
Don't let yourselves get trapped in a maze: To Lithuanian youth in Vilnius

Solidarity with all humanity and Lithuania's history: In his homily in Santakos Park the Pope speaks of the trials and hardships of a faithful people

Discernment to detect any attitude of anti-semitism: At the Angelus recalling the 75th anniversary of the destruction of the Vilnius Ghetto

You are children of martyrs and this is your strength: Meeting with priests, religious, and seminarians in the Cathedral of Kaunas

Against all injustice: At the Museum of Occupations and Freedom Fights

To reestablish full communion: The Pope announces his Message to the Catholics of China

National Catholic Bioethics Quarterly

Summer 2018

Washington Insider
William L. Saunders

Essays

Defending against Formally Innocent Material Mortal Threats: A Response to Joshua Evans
Charles C. Camosy

Financial Toxicity: Treatment Expense and Extraordinary Means
Deacon Gregory Webster

Medical Professionals as Agents of Eugenics: Abortion Counseling for Down Syndrome
Christopher M. Reilly

Employed Health Care Providers and the Provision of Direct Contraception
The National Catholic Bioethics Center

Articles

Conscience Rights and "Effective Referral" in Ontario
Carter Anne McGowan

Advancing a Personalist Neuroethics
James Beauregard

Bioethics and the Human Soul: Pope St. John Paul II's Reflections on Ensoulment
Richard A. Spinello

Verbatim

Healing Relationships and Transformations in Health Care IACB Consensus Statement on Ethical Discernment and Practical Recommendations
William F. Sullivan, John Heng, Christopher De Bono, Gerry Gleeson, Gill Goulding, Christine Jamieson, Bernadette Tobin, Jos Welie, and Participants in the Eighth International IACB Colloquium

Notes & Abstracts

Science

David A. Prentice

Medicine

Jay Bringman, MD

Philosophy and Theology

Christopher Kaczor

Book Reviews

The Heart and the Abyss: Preventing Abortion by Ward Biemans, SJ

Reviewed by Joseph Meaney

Keeping Faith with Human Rights by Linda Hogan

Reviewed by J. Brian Benestad

Complicity and Moral Accountability by Gregory Mellema

Reviewed by Rev. Ryan Connors

The Nature of the Human Soul: Philosophical Anthropology and Moral Theology by Sister Mary Angelica Neenan, OP

Reviewed by Brian Welter

Before Virtue: Assessing Contemporary Virtue Ethics by Jonathan J. Sanford

Reviewed by Mark S. Latkovic

Catholic Witness in Health Care: Practicing Medicine in Truth and Love edited by John M. Travaline and Louise A. Mitchell

Reviewed by Vince A. Punzo

New England Journal of Medicine

September 6, 2018

Perspective

A New Threat to Immigrants' Health — The Public-Charge Rule

K.M. Perreira, H. Yoshikawa, and J. Oberlander

The Violence of Uncertainty — Undermining Immigrant and Refugee Health

B.L. Grace, R. Bais, and B.J. Roth

Crossing Borders

M. Martin

Protecting Mothers and Babies — A Delicate Balancing Act

S.A. Rasmussen, W. Barfield, and M.A. Honein

Voluntary Euthanasia — Implications for Organ Donation

I.M. Ball, R. Sibbald, and R.D. Truog

Original Articles

Baloxavir Marboxil for Uncomplicated Influenza in Adults and Adolescents

F.G. Hayden and Others

Coronary CT Angiography and 5-Year Risk of Myocardial Infarction

The SCOT-HEART Investigators

Rituximab plus Lenalidomide in Advanced Untreated Follicular Lymphoma
F. Morschhauser and Others

Special Article

Quality of Care in the United Kingdom after Removal of Financial Incentives
M. Minchin, M. Roland, J. Richardson, S. Rowark, and B. Guthrie

Review Article

Frontiers in Medicine: Circulating Extracellular Vesicles in Human Disease
R. Shah, T. Patel, and J.E. Freedman

Videos in Clinical Medicine

Peripheral Nerve Blocks for Hand Procedures
J. Chandrasoma, T.K. Harrison, H. Ching, L. Vokach-Brodsky, and L.F. Chu

Images in Clinical Medicine

Glandular Tularemia
L. Marks and A. Spec

Black Hairy Tongue
Y. Hamad and D.K. Warren

Clinical Problem-Solving

Just Beneath the Surface
C. Handy Marshall, J. Nahas-Vigon, R. Manesh, and A.C. Gelber

A Step Forward in the Treatment of Influenza
T.M. Uyeki

Imaging Coronary Anatomy and Reducing Myocardial Infarction
U. Hoffmann and J.E. Udelson

Correspondence

Neural-Tube Defects with Dolutegravir Treatment from the Time of Conception
High-Risk Clonal Hematopoiesis as the Origin of AITL and NPM1-Mutated AML
Bezafibrate in Primary Biliary Cholangitis
Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source
Incidence of Lung Cancer among Young Women
E-Cigarettes, Incentives, and Drugs for Smoking Cessation

September 13, 2018

Perspective

The Tobacco Master Settlement Agreement — Strategic Lessons for Addressing Public Health Problems
C. Healton

Will Courts Allow States to Regulate Drug Prices?
C. Robertson

Limiting State Flexibility in Drug Pricing
N. Bagley and R.E. Sachs

To Be Guided by Instinct
T.Y. Sun

Original Articles

Tafamidis Treatment for Patients with Transthyretin Amyloid Cardiomyopathy
M.S. Maurer and Others

Trial of Fingolimod versus Interferon Beta-1a in Pediatric Multiple Sclerosis
T. Chitnis and Others

Mutation Clearance after Transplantation for Myelodysplastic Syndrome
E.J. Duncavage and Others

Brief Report: Essential Role of BRCA2 in Ovarian Development and Function
A. Weinberg-Shukron and Others

Clinical Practice

Primary Hyperparathyroidism
K.L. Insogna

Review Article

Aspirin-Exacerbated Respiratory Disease
A.A. White and D.D. Stevenson

Images in Clinical Medicine

Disseminated Actinomycosis
Y. Xu and J. Shi

Squamous-Cell Carcinoma of the Lung

L. Conti and S. Gatt

Case Records of The Massachusetts General Hospital

Case 28-2018: A 39-Year-Old Man with Epistaxis, Pain and Erythema of the Forearm, and Pancytopenia
C.A. Iyasere, R.W. Takvorian, F.J. Simeone, and B.J. Siegle

Editorials

Stabilizing Transthyretin to Treat ATTR Cardiomyopathy
C.C. Quarta and S.D. Solomon

Therapy in Multiple Sclerosis — Coming of Age

J. Antel

Clinical Implications of Basic Research

Cyclin-Dependent Kinase 12, Immunity, and Prostate Cancer
E.S. Antonarakis

Correspondence

ECMO for Severe Acute Respiratory Distress Syndrome
Lung Cancer with a High Tumor Mutational Burden
Pembrolizumab plus Chemotherapy in Lung Cancer
Dry Eye

September 20, 2018

Perspective

The FDA Amendments Act of 2007 — Assessing Its Effects a Decade Later
J. Avorn, A. Kesselheim, and A. Sarpatwari

Adolescents' Use of "Pod Mod" E-Cigarettes — Urgent Concerns

J.L. Barrington-Trimis and A.M. Leventhal

The CMS Proposal to Reform Office-Visit Payments

Z. Song and J.D. Goodson

Doctoring while Sick — Is Living with Cancer Making Me a Better or Worse Doctor?

A.P. Stern

Original Articles

Cardiovascular Safety of Lorcaserin in Overweight or Obese Patients

E.A. Bohula and Others

Rivaroxaban for Thromboprophylaxis after Hospitalization for Medical Illness

A.C. Spyropoulos and Others

Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000–2015

R.C. Reiner, Jr., and Others

Special Article

Medicare Spending after 3 Years of the Medicare Shared Savings Program

J.M. McWilliams, L.A. Hatfield, B.E. Landon, P. Hamed, and M.E. Chernew

Review Article

Antibody-Mediated Rejection of Solid-Organ Allografts

A. Loupy and C. Lefaucheur

Images in Clinical Medicine

Tuberculosis of the Finger

J. Mandal and M. Margaretten

Tuberculous Peritonitis

K. Okamoto and S. Hatakeyama

Case Records of the Massachusetts General Hospital

Case 29-2018: A 31-Year-Old Woman with Infertility

C. Coutifaris, A. Kilcoyne, A.S. Feldman, M.E. Sabatini, and E. Oliva

Editorial

Lorcaserin — Elixir or Liability?

J.R. Ingelfinger and C.J. Rosen

Correspondence

Prevalence of Self-Reported Head Injury in the United States

Systemic AA Amyloidosis Caused by Inflammatory Hepatocellular Adenoma

Sodium Thiosulfate and Cisplatin-Induced Hearing Loss

Fluid Infusion Rates for Pediatric Diabetic Ketoacidosis

Cultured Cells and ROCK Inhibitor for Bullous Keratopathy

Ivosidenib in IDH1-Mutated Acute Myeloid Leukemia

Atezolizumab Treatment of Nonsquamous NSCLC

Trends in Modern Phase 1 Oncology Trials

September 27, 2018

Perspective

How to Stop Mass Shootings

G.J. Wintermute

Mental Health Services for Medical Students – Time to Act

J.F. Karp and A.S. Levine

Outbreaks in a Rapidly Changing Central Africa – Lessons from Ebola

V.J. Munster and Others

Murmurs of Politics and Economics

N. Lilib

Original Articles

Wearable Cardiovascular-Defibrillator after Myocardial Infarction

J.E. Olgin and Others

An Outbreak of Synthetic Cannabinoid-Associated Coagulopathy in Illinois

A.H. Kelkar and Others

Six-Month Outcomes after Restrictive or Liberal Transfusion for Cardiac Surgery

C.D. Mazer and Others

Persistence of Zika Virus in Body Fluids – Final Report

G. Paz-Bailey and Others

Brief Report: Recovery of Over-Ground Walking after Chronic Motor Complete Spinal Cord Injury

C.A. Angeli and Others

Review Article

Alcohol Use in Patients with Chronic Liver Disease

D. Fuster and J.H. Samet

Images in Clinical Medicine

Mycoplasma pneumoniae-Associated Mucositis

T. Li and N. Lee

Congenital Cytomegalovirus Infection

K. Kawai and H. Itoh

Interactive Medical Case

A Sticky Situation

R. Vedula and Others

Case Records of the Massachusetts General Hospital - A Woman with Chronic Abdominal Pain

A.K. Rubin and Others

Editorials

Another Shock for Sudden Death Prevention after Myocardial Infarction

M.E. Field and R.L. Page

Hemorrhagic Highs from Synthetic Cannabinoids – A New Epidemic

J.M. Connors

Clinical Implications of Basic Research
Unveiling the RNA World
J. Lieberman

Correspondence
Restrictive or Liberal Fluid Therapy for Major Abdominal Surgery
Family-Support Intervention in the ICU
Ambulatory Blood Pressure and Mortality
Intussusception after Rotavirus Vaccination in Africa
Diagnosis and Management of the Antiphospholipid Syndrome

Theological Studies

September 2018

Fifty Years After 1968
1918-1968-2018: A Tissue of Laws and Choices and Chances
Stephen R. Schloesser, SJ

Humane Vitae: Fifty Years Later
Charles Curran

Mary Daly's The Church and the Second Sex after Fifty Years of US Catholic Feminist Theology
Jessica Coblenz and Brianne A.B. Jacobs

Medellín Fifty Years Later: From Development to Liberation
Rafael Luciani

Current Theology
Women Deacons and Service at the Altar
Phyllis Zagano

Constructing Parenthood: Catholic Teaching 1800 to the Present
Jacob Kohlhaas

Amoris Laetitia: Towards an Anthropological and Methodological Integration of Catholic Social and Sexual Ethics
Todd A. Salzman and Michael G. Lawler

Theological Notes
What the Biblical Scribes Teach Us about Their Writings
Richard J. Clifford, SJ

Moral Discernment in History
James F. Keenan, SJ