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

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’iin 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 Budes
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

Correspondence
Response to Open Peer Commentaries: When Is It Ethical for Physician-Investigators to Seek Consent from Their Own Patients?
Stephanie R. Morain, Steven Joffe & Emily A. Largent

CAMBRIDGE QUARTERLY OF HEALTHCARE ETHICS
April 2019
Special Section: Health, Morality, and Moralism

Select 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

The Great Debates
Choosing to Stop a Heart: The Ethical Status of Deactivating an Implantable Cardiac Device
D. Micah Hester, Alissa Swota

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

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

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.

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 Savinhar

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 Toffolotti 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 Africa
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 non-dissent 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 Hepgu, 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 Trials

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 Slums: A Glimpse of Things to Come?
Allen G. P. Ross, MD, PhD; 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

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

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

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)

Original Research
Transhumanist Medicine: Can We Direct Its Power to the Service of Human Dignity?
Renée Mirkes, OSF, PhD
K. Diane Daly, RN, CFCE, Edward Richárd, MS, ThM, JD, Thomas W. Hilgers, MD, Dip. ABOG

Paralyzed by Prices: An Analysis of Price Theory within the Context of Health Care
Paul Babcock, DBe, MS, BA

Human Embryonic Stem Cell Research, Abortion, and Publication Bias in the New England Journal of Medicine
Fritz Baumgartner, MD

FAQs
Response to Q&A Request: Counseling Adolescent Girls about Abstinence and Not Using Contraceptives
Hanna Klaus

How Should My Practice of Medicine Be Different Because of My Catholic Faith?
James McTavish, FMVD, MD

L’OSSERVATORE ROMANO
May 3, 2019
God tempts no one: At the General Audience the Holy Father continues the catechesis on the Lord’s Prayer

Appeal for religious in Libya: Regina Caeli

Apostolic Journey to Bulgaria and Republic of North Macedonia

The Bible is the living and life-giving Word: Pope’s discourse to the Catholic Biblical Federation

No to barriers and prejudices against the deaf: To the Italian Education of Associates for the Deaf

May 10, 2019
Land of encounter: Apostolic Journey to Bulgaria and the Republic of North Macedonia

Editorial: The Pope and the crossroads of Europe

New norms for the whole Church regarding abuse: Motu Proprio ‘Vos estis lux mundi’
Andrea Tornielli

In the footsteps of John XXIII: Video message to the people of Bulgaria

Physician Conscience and Patient Autonomy: Are They Competing Interests?
Christopher M. Radlick, MS, MPH, Ashley K. Fernandes, MD, PhD

What Is the Morally Acceptable Way of Ordering a Sperm Count as Part of the Evaluation of Infertility?

Book Reviews
Book Review: Hippocrates’ Oath and Asclepius’ Snake: The Birth of the Medical Profession
Roger R. Hesselbrock, MD

Book Review: A Brief, Liberal, Catholic Defense of Abortion
Christian D. Washburn, PhD

The Last Word
On Suffering and the Opioid Crisis
Michael Cummins

An antidote to the marketing of resentment: An interview with Marilynne Robinson
Andrea Monda

Literature is subversive like the Gospel: Marilynne Robinson and theologian Rowan Williams of Wheaton College

The struggle between good and evil that rages in the heart

On accession to the Chrysanthemum Throne: Pope Francis’ well wishes to Emperor Naruhito

A freely given act of social responsibility: Pope Francis encourages organ donation

The Church in Africa, seed of hope: Prayer intention for May

Do not close the heart to those knocking at the door: To authorities, representatives of civil society and diplomatic corps

Differences are not an obstacle to unity: The Pontiff to the Holy Synod of the Bulgarian Orthodox Church

God calls, surprises and loves: Pope presides Eucharistic celebration in Bulgaria’s capital
Land of encounter: Sunday’s Regina Caeli

The Christian identity card: Mass celebrating First Communion in Rakovski

The Church is a home with open doors: Encounter with the Catholic community in Rakovski

Peace is a gift and a task for all: Meeting with Bulgaria’s interfaith leaders

European integration with respect for diversity and rights: In the Republic of North Macedonia the Pope emphasizes the country’s multiethnic and multicultural richness

May 17, 2019
To endow the economy with a soul: The Pontiff convokes March 2020 meeting in Assisi

Called to serve the People of God: Pope Francis ordains nineteen priests

A cry against evil: The Pope speaks about the final invocation of the Our Father

Cardinal Sfeir dies: Former Patriarch of Antioch for Maronites in Lebanon

Fight against the recrudescence of anti-Semitism: To participants in a meeting on Jewish-Catholic dialogue

To endow the economy with a soul: The Pontiff invites young economists and entrepreneurs to meet in Assisi

Sharing a common effort: Cardinal Wuerl on the 35 years of diplomatic relations between the US and the Holy See

Fostering the spirit of fraternity: Francis expresses his gratitude

Promulgation of Decrees: Congregation for the Causes of Saints

A round of applause for mothers: The Holy Father pays tribute

May 24, 2019
Courage to call God “Father”: Prayers for Catholics in China and for a nun killed in Central African Republic

The cry of all Christians: Pope Francis offers a message for Anglican prayer initiative

Regina Caeli: Love overcomes barriers and creates bridges

The right to education includes the poor: Pope Francis to Society founded by John Baptist de La Salle

Attentive to the cry of the poor and the least: Visit to Mother Teresa Memorial

Hunger for fraternity and mercy: Mass in Skopje’s Macedonia Square

Do not be afraid to dream: Ecumenical and interreligious meeting with young people in Skopje

Never lose the ability to caress: Meeting with priests and religious of North Macedonia

Pope recalls significant moments of his visit to the Balkans

Interview: With confidence in a new phase of cooperation – Cardinal Parolin speaks to ‘Global Times’ about the first fruits of the Provisional Agreement between the Holy See and China

No to wall-building nationalism and racism: Pope renews appeal to welcome of migrants and emphasizes multilateralism

Solidarity is a moral imperative: The Pontiff addresses a conference on our common seas

Called to promote human fraternity: Message to Muslims for Ramadan

For the dignity and equal rights of women and girls: Message to Buddhists for Vesakh

you are not second-class citizens: Prayer meeting with Roma and Sinti

Dedicated to self-sacrifice for the holiness of priests: María Concepción Cabrera beatified in Mexico City

Angelo Becciu

Pope authorizes pilgrimages of Medjugorje

Choosing the least: Audience with the Society of African Missions

Rediscover the roots of solidarity in Europe: Holy Father to members of the European Food Banks Federation

Conference on Jesus and the Pharisees: An Interdisciplinary Reappraisal

Love of neighbor at the heart of Catholic-Jewish relations: Pontiff to the Pontifical Biblical Institute
How to avoid homilies of hate
Amy-Jill Levine

A courageous apostle of the Gospel: Feats of Saint Paul VI on 29 May
Robert Sarah

Creativity in charity and fidelity to the charism: Pope to the International Union of Superiors General

May 31, 2019
Let’s walk together: Pope Francis arrives in Romania

The logic of welcoming love

It is never licit to eliminate a human life: Francis emphasizes ‘no’ to abortion

A common plan for survival of the planet: The Pope addresses finance ministers on climate change

The marginalization and exclusion of refugees is a sign of moral decline

NEW ENGLAND JOURNAL OF MEDICINE
May 2, 2019
Perspective
Building on the ACA to Achieve Universal Coverage
M. Fiedler, H.J. Aaron, L. Adler, P.B. Ginsburg, and C.L. Young

A New Safe Harbor — Turning Drug Rebates into Discounts in Medicare Part D
W.F. Gellad, M. Ennis, and C.C. Kuza

Count Your Blessings
B.M. Reilly

Responding to Evolving Abortion Regulations — The Critical Role of Primary Care
J. Beaman and D. Schilling

Original Articles
Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients
M.J. Mack and Others

Transcatheter Aortic-Valve Replacement with a Self-Expanding Valve in Low-Risk Patients
J.J. Popma and Others

Tau Positron-Emission Tomography in Former National Football League Players
R.A. Stern and Others

Meeting of the International Catholic-Jewish Liaison Committee

Respect for human rights and protection of local populations: To participants in a meeting on the mining industry

General Audience: Courage to address God as ‘Father’ – Pope Francis concludes catechesis on the Lord’s Prayer

Fraternal dialogue to create avenues of peace: With new Ambassadors Pope encourages ongoing efforts to overcome situations of conflict

Responding to the crisis caused by climate change: Message of the Dicastery for Promoting Integral Human Development on the fourth anniversary of Laudato Si’
Peter Kodwo Appiah Turkson

Salvation is a freely given gift: Pope Francis begins a new series of catecheses on the Acts of the Apostles

Anti-BCMA CAR T-Cell Therapy bb2121 in Relapsed or Refractory Multiple Myeloma
N. Raje and Others

Clinical Practice
Hypoparathyroidism
R.I. Gafni and M.T. Collins

Review Article
Frontiers in Medicine: Stem Cells in the Treatment of Disease
H.M. Blau and G.Q. Daley

Images In Clinical Medicine
Tick Attached to the Tympanic Membrane
D. Kasle and E. Waldman

Cutis Verticis Gyrata Associated with Acromegaly
M. Parolin and F. Dassie

Clinical Problem-Solving
Repetition
G.W. Strohbehn, G. Dhaliwal, H. Paulson, J. Murray, and S. Saint

Editorials
Informed Shared Decisions for Patients with Aortic Stenosis
C.M. Otto
Links in the Chain of Chronic Traumatic Encephalopathy
A.H. Ropper

Correspondence
Transcatheter Aortic-Valve Replacement — 10 Years Later
Effects of Aspirin in the Healthy Elderly
A Randomized Trial of Endometrial Scratching before In Vitro Fertilization

May 9, 2019
Perspective
Preying on Prescribers (and Their Patients) — Pharmaceutical Marketing, Iatrogenic Epidemics, and the Sackler Legacy
S.H. Podolsky, D. Herzberg, and J.A. Greene
Stopping the Gaps in Epidemic Preparedness
J.J. Farrar
Physician Participation in Lethal Injection
D.W. Denno

Original Articles
Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke
H. Ma and Others
Transmission of Nipah Virus — 14 Years of Investigations in Bangladesh
B. Nikolay and Others
A Randomized Trial of Progesterone in Women with Bleeding in Early Pregnancy
A. Coomarasamy and Others
Antibody-Based Ticagrelor Reversal Agent in Healthy Volunteers
D.L. Bhatt and Others
Brief Report: Mesenchymal Hamartoma of the Liver and DICER1 Syndrome
M. Apellaniz-Ruiz and Others

May 16, 2019
Perspective
Cumulative Probability of Receiving an Antibiotic Prescription over Time
Imputability of Adverse Events to Anticancer Drugs
Tafenoquine versus Primaquine to Prevent Relapse of Plasmodium vivax Malaria
One-Year Outcomes after PCI Strategies in Cardiogenic Shock
Marine n–3 Fatty Acids and Vitamin D Supplementation and Primary Prevention
Dapagliflozin and Cardiovascular Outcomes in Type 2 Diabetes
Lactobacillus for Gastroenteritis in Children

Haloperidol and Ziprasidone for Treatment of Delirium in Critical Illness
Prednisone for Prevention of Paradoxical Tuberculosis-Associated IRIS
Caplacizumab for Acquired Thrombotic Thrombocytopenic Purpura
The Neuroscience of Drives for Food, Water, and Salt
May 16, 2019
Perspective
Case Studies in Social Medicine: The Power and Limits of Classification — A 32-Year-Old Man with Abdominal Pain
D. Stroumsa, E.F.S. Roberts, H. Kinnear, and L.H. Harris

Big Data and the Intelligence Community — Lessons for Health Care
K. Vigilante, S. Escaravage, and M. McConnell

Toward Facilitated Self-Service in Health Care
D.A. Asch, S. Nicholson, and M.L. Berger

Original Articles
Antibacterial Envelope to Prevent Cardiac Implantable Device Infection
K.G. Tarakji and Others

Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source
H.-C. Diener and Others

Genomic Mismatch at LIMS1 Locus and Kidney Allograft Rejection
N.J. Steers and Others

Alpelisib for PIK3CA-Mutated, Hormone Receptor–Positive Advanced Breast Cancer
F. André and Others

Review Article
Muco-Obstructive Lung Diseases
R.C. Boucher

May 23, 2019
Perspective
AIDS in America — Back in the Headlines at Long Last
W.M. El-Sadr, K.H. Mayer, M. Rabkin, and S.L. Hodder

Lessons from Scott County — Progress or Paralysis on Harm Reduction?
S. Kishore, M. Hayden, and J. Rich

Realizing the Value of Community Health Workers — New Opportunities for Sustainable Financing
A. Lapidos, J. Lapedis, and M. Heisler

Pharmaceutical Protections in U.S. Trade Deals — What Do Americans Get in Return?
T. Bollyky and A.S. Kesselheim

Nasal High-Flow Therapy for Newborn Infants in Special Care Nurseries
B.J. Manley and Others

Images In Clinical Medicine
Liver Involvement in Autosomal Dominant Polycystic Kidney Disease
M.E. Adin

Tornwaldt’s Cyst
C.-Y. Huang and B.-H. Kang

Case Records of The Massachusetts General Hospital
Case 15-2019: A 55-Year-Old Man with Jaundice
E.A. Schaefer, M.A. Anderson, A.Y. Kim, and M.M. Sfeir

Editorial
Cardiac Devices Enveloped with an Ounce of Prevention
F. Perez and R.A. Bonomo

Clinical Decisions
“Doctor, Should I Keep Taking an Aspirin a Day?”
A. Fernandes, J.W. McEvoy, and S. Halvorsen

Correspondence
Mitochondrial Donation — Which Women Could Benefit?
E-Cigarettes versus Nicotine-Replacement Therapy for Smoking Cessation
Percutaneous Repair for Secondary Mitral Regurgitation
Transcatheter Mitral-Valve Repair in Patients with Heart Failure
Organoids — Preclinical Models of Human Disease More on Long-Term Effects of Finasteride on Prostate Cancer Mortality

Review Article
Global Elimination of Chronic Hepatitis
D.L. Thomas

Images In Clinical Medicine
Question-Mark Appearance of the Colon
P.T. Masiakos and P.W. Wales

Dipylidium caninum Infection
C.A. Hogan and H. Schwenk

Case Records Of The Massachusetts General Hospital
Case 16-2019: A 53-Year-Old Man with Cough and Eosinophilia

Clinical Implications Of Basic Research
Neuromodulation of Urinary Tract Function
T.M. Kessler, L.A. Birder, and P. Gomery
Correspondence
Active Surveillance for Low-Risk Prostate Cancer in Black Patients
Omadacycline for Bacterial Infections
Alirocumab after Acute Coronary Syndrome

May 30, 2019
Perspective
The Case of Juliana v. U.S. — Children and the Health Burdens of Climate Change
R.N. Salas, W. Jacobs, and F. Perera

A Temporizing Solution to “Artemisinin Resistance”
J. Wang and Others

Disability Inclusion — Moving Beyond Mission Statements
B. Swenor and L.M. Meeks

Dangers of Diagnostic Overshadowing
L.I. Iezzoni

Original Articles
Ibrutinib and Venetoclax for First-Line Treatment of CLL
N. Jain and Others

Daratumumab plus Lenalidomide and Dexamethasone for Untreated Myeloma
T. Facon and Others

A New Segmented Virus Associated with Human Febrile Illness in China
Z.-D. Wang and Others

Open versus Endovascular Repair of Abdominal Aortic Aneurysm
F.A. Lederle and Others

Five-Year Outcomes of Gastric Bypass in Adolescents as Compared with Adults
T.H. Inge and Others

Review Article
Contrast-Associated Acute Kidney Injury
R. Mehran, G.D. Dangas, and S.D. Weisbord

Diagnostic Utility of Exome Sequencing for Kidney Disease
Case 5-2019: A Woman with Delusional Thinking and Paresthesia of the Right Hand
Aspiration Pneumonia

Images In Clinical Medicine
Coronary Arteritis in IgG4-Related Disease
J. de la Fuente and J. Bird

A STEMI Mimic
D. Yu and J.E.A. Blair

Interactive Medical Case
A Disturbing Decline
D.A. Braun, B. Simchowitz, G.V. Henderson, P.E. Sax, and A. Vaidya

Case Records Of The Massachusetts General Hospital
Case 17-2019: A 44-Year-Old Man with Joint Pain, Weight Loss, and Chest Pain
S.L. Arvikar, S.R. Schoenfeld, A.S. Fox, V.K. Tanguturi, and L.D. Stuart

Editorials
Ibrutinib and Venetoclax — Doubling Down on CLL
A. Wiestner

Initial Therapy in Older Patients with Multiple Myeloma
J. Laubach

Seek and You Shall Find — Unknown Pathogens?
N. Vasilakis and D.H. Walker

In Teens with Severe Obesity, Can Bariatric Surgery Wait until Adulthood?
T.D. Adams

Correspondence
Bedaquiline Microheteroresistance after Cessation of Tuberculosis Treatment
Preventing Venous Thromboembolism in Patients with Cancer
Postdischarge Infection Risk among MRSA Carriers
Endoscopic versus Open Vein-Graft Harvesting for CABG

ORIGINS
May 2, 2019
Easter Vigil Homily
Pope Francis

Easter Message Urbi et Orbi
Pope Francis
**May 9, 2019**

Notre Dame Consultation Statement  
Anglican, Catholic, Lutheran, Methodist and Reformed Leaders

On Evangelization and the Eucharist  
Archbishop Terrence Prendergast

God and Man in an Age of Unbelief  
Archbishop Charles J. Chaput

**May 16, 2019**

Pope Francis’ Visit to the Balkans  
Meeting with Bulgarian Civil Leaders

Meeting with Bulgarian Orthodox Leaders

Regina Coeli in Sofia, Bulgaria

Mass in Sofia, Bulgaria

Mass with First Communions in Rakovski, Bulgaria

**May 23, 2019**

New Norms for Dealing with Clergy Sex Abuse of Minors  
Pope Francis

Statement on New Norms for Dealing with Clergy Sex Abuse of Minors  
Cardinal Daniel N. DiNardo

Q&A on New Norms for Dealing with Clergy Sex Abuse of Minors  
U.S. Conference of Catholic Bishops

**May 30, 2019**

Speech to Pontifical Biblical Institute on Jesus and the Pharisees  
Pope Francis

The Call to Interreligious Dialogue  
Donna Orsuto

Response to Police Raids and Affidavit  
Bishops Edward J. Burns

Meeting with Priests of Rome by Pope Francis

Chrism Mass Homily  
Bishop George V. Murry

Chrism Mass Homily  
Cardinal Seán P. O’Malley

Meeting with Bulgarian Catholics

Interreligious Gathering for Peace

Meeting with North Macedonian Civil Leaders

Visit to Mother Teresa Memorial in North Macedonia

Mass in North Macedonia

A Vision for the Future of Religious Life  
Sister Teresa Maya, CCVI

Letter to Young Economists and Entrepreneurs  
Pope Francis

Balkans Visit: Ecumenical and Interreligious Gathering with Young People in North Macedonia  
Pope Francis

Balkans Visit: Meeting with Priests and Their Families and Religious in North Macedonia  
Pope Francis