

# Periodical Review

# A monthly review for readers of Health Care Ethics USA

#### **American Journal of Bioethics**

December 2018

Guest Editorial

Sunset on the RAC: When Is It Time to End Special Oversight of an Emerging Biotechnology?

Jeffrey P. Kahn & Anna C. Mastroianni

Target Article

Facial Feminization Surgery: The Ethics of Gatekeeping in Transgender Health

Alex Duboy & Liana Fraenkel

**Open Peer Commentaries** 

Faces Matter

Zil Goldstein, Jess Ting & Rosamond Rhodes

Facial Feminization Surgery: Private, Personal Identity, Compensatory Justice, and Resource Allocation

Lauren Notini, Lynn Gillam & Ken C. Pang

Fom Interest to Applause to Despair

Stephen Latham

The Biopolitics of Passing and the Possibility of Radically Inclusive Transgender Health Care

Patrick R. Grzanka, Elliott DeVore, Kirsten A. Gonzalez, Lex Pulice-Farrow & David Tierney

Extending Health Insurance for Body Modifications for Gender Transitions

Timothy F. Murphy

Accepting Things at Face Value: Insurance Coverage for Transgender Health Care

Armand H. Matheny Antommaria

In Favor of Covering Ethically Important Cosmetic Surgeries: Facial Feminization Surgery for Transgender People

Florence Ashley & Carolyn Ells

Acknowledging the Transition Spectrum

Hilary Mabel & Cecile Ferrando

Facial Feminization Surgery in Gender Dysphoria Should Be Reimbursed Like Genital Surgery, but the Main Problem Lies

Elsewhere

David Garcia Nuñez & Christian G. Huber

The Democratization of Facial Feminization Surgery and the Removal of Artificial Barriers

Richard Gibson

'Medical Necessity' and Domination Allison Massof

A Queer, Feminist Bioethics Critique of Facial Feminization Surgery Cristina Richie

Target Article

Patenting Foundational Technologies: Lessons from CRISPR and Other Core Biotechnologies Oliver Feeney, Julian Cockbain, Michael Morrison, Lisa Diependaele, Kristof Van Assche & Sigrid Sterckx

Open Peer Commentaries Gene Patents and the Social Justice Lens Colin Farrelly

CRISPR Patents: Aspiring to Coherent Patent Policy

Robert Cook-Deegan

The View of CRISPR Patents Through the Lens of Solidarity and the Public Good Benjamin Capps, John J. Mulvihill, Yann Joly, Tamra Lysaght & The International Human Genome Organisation (HUGO) Committee on Ethics, Law, and Society (CELS)

Fair Governance of Biotechnology: Patents, Private Governance, and Procedural Justice Nienke de Graeff, Léon E. Dijkman, Karin R. Jongsma & Annelien L. Bredenoord

Is CRISPR Different? Considering Exclusivity for ResearchTools, Therapeutics, and Everything In Between Jorge L. Contreras

Patenting in the Public Interest: The California Institute for Regenerative Medicine Model Audrey R. Chapman

Foundational Technologies and Accountability Stephen Hilgartner

Foundational Technologies and Legal Realities Andreas Kuersten

Laying the Foundation for Foundational Technologies Joseph Spino

The Human Right to Science and Foundational Technologies Andrea Boggio & Calvin W. L. Ho

#### **Ethics and Medics**

December 2018
A Merciful Response to Miscarriage and Stillbirth
Deacon Gerard-Marie Anthony and Sabine Heisman

Computer Models and Postmodern Narratives Carr J. Smith

# **Health Affairs**

December 2018
From the Editor-In-Chief
Telehealth
Alan R. Weil

Eye on Health Reform Back In (Regulatory) Action Katie Keith

Leading to Health - Determinants of Health Charting A Pathway to Better Health T. R. Goldman

Research Article - Telehealth The Use of Telemedicine by Physicians: Still the Exception Rather Than the Rule Carol K. Kane, and Kurt Gillis

Population-Level Estimates of Telemedicine Service Provision Using an All-Payer Claims Database Jiani Yu, Pamela J. Mink, Peter J. Huckfeldt, Stefan Gildemeister, and Jean M. Abraham

How Is Telemedicine Being Used in Opioid and Other Substance Use Disorder Treatment?

Haiden A. Huskamp, Alisa B. Busch, Jeffrey Souza, Lori Uscher-Pines, Sherri Rose, Andrew Wilcock, Bruce E. Landon and Ateev Mehrotra

Who Isn't Using Patient Portals and Why? Evidence and Implications from A National Sample of US Adults Denise L. Anthony, Celeste Campos-Castillo, and Paulina S. Lim

Challenges and Opportunities Faced by Large Health Systems Implementing Telehealth Chad Ellimoottil, Lawrence An, Meagan Moyer, Sarah Sossong, and Judd E. Hollander

Telehealth in Health Centers: Key Adoption Factors, Barriers, And Opportunities Ching-Ching Claire Lin, Anne Dievler, Carolyn Robbins, Alek Sripipatana, Matt Quinn, and Suma Nair

The Effect of a Newborn Telehealth Program on Transfers Avoided: A Multiple-Baseline Study Jordan Albritton, Lory Maddox, Joseph Dalto, Erick Ridout, and Stephen Minton

Tele-Triage Outcomes for Patients with Chest Pain: Comparing Physicians and Registered Nurses
Dana R. Sax, David R. Vinson, Cyrus K. Yamin, Jie Huang, Troy M. Falck, Reena Bhargava, Debra J. Amaral, and Mary E. Reed

Expansion of Telestroke Services Improves Quality of Care Provided in Super Rural Areas Donglan Zhang, Guijing Wang, Weiming Zhu, Janani R. Thapa, Jeffrey A. Switzer, David C. Hess, Matthew L. Smith and Matthew D. Ritchey

Quality of Care for Acute Respiratory Infections During Direct-To-Consumer Telemedicine Visits for Adults Zhuo Shi, Ateev Mehrotra, Courtney A. Gidengil, Sabrina J. Poon, Lori Uscher-Pines, and Kristin N. Ray

Electronic Visits for Common Acute Conditions: Evaluation of A Recently Established Program Marty Player, Edward O'Bryan, Emily Sederstrom, Jasmine Pinckney, and Vanessa Diaz

Reduced Cost of Specialty Care Using Electronic Consultations for Medicaid Patients

Daren Anderson, Victor G. Villagra, Emil Coman, Tamim Ahmed, Anthony Porto, Nicole Jepeal, Giuseppe Maci and Bridget

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Use of Telemedicine for ED Physician Coverage in Critical Access Hospitals Increased After CMS Policy Clarification Marcia M. Ward, Kimberly A. S. Merchant, Knute D. Carter, Xi Zhu, Fred Ullrich, Amy Wittrock and Amanda Bell

Virtual Visits Partially Replaced In-Person Visits in an ACO-Based Medical Specialty Practice Sachin J. Shah, Lee H. Schwamm, Adam B. Cohen, Marcy R. Simoni, Juan Estrada, Marcelo Matiello, Atheendar Venkataramani and Sandhya K. Rao Are State Telehealth Policies Associated with The Use of Telehealth Services Among Underserved Populations? Jeongyoung Park, Clese Erikson, Xinxin Han, and Preeti Iyer

Analysis - Telehealth

Advancement of Teledentistry At the University of Rochester's Eastman Institute for Oral Health

Dorota T. Kopycka-Kedzierawski, Sean W. McLaren, and Ronald J. Billings

Building A Regulatory and Payment Framework Flexible Enough to Withstand Technological Progress David Flannery, and Robert Jarrin

Retail Outlets Using Telehealth Pose Significant Policy Questions for Health Care Keisuke Nakagawa, Joseph Kvedar, and Peter Yellowlees

Review Article - Telehealth

The Current State of Telehealth Evidence: A Rapid Review

Erin Shigekawa, Margaret Fix, Garen Corbett, Dylan H. Roby, and Janet Coffman

Home Telemonitoring In Heart Failure: A Systematic Review and Meta-Analysis

Renee Pekmezaris, Leanne Tortez, Myia Williams, Vidhi Patel, Amgad Makaryus, Roman Zeltser, Liron Sinvani, Gisele Wolf-

Klein, Janice Lester, Cristina Sison, Martin Lesser and Andrzej Kozikowski

Policy Insight - Health Reform

Getting Ready for Health Reform 2020: Republicans' Options for Improving Upon the State Innovation Approach Lanhee J. Chen

How Democratic Candidates for the Presidency in 2020 Could Choose Among Public Health Insurance Plans Sherry A. Glied, and Jeanne M. Lambrew

Narrative Matters - Telehealth

How Telehealth Stopped A Contagious Outbreak at A School

Cynthia M. Zettler-Greeley

Grantwatch - Telehealth

Foundation Funding for Telehealth

**Book Review** 

Flint: An American Failure

Richard J. Jackson

Letters

Managed Competition

Safety for Children in School

From the Publisher

Know Your HIV Status

Tom Kenyon

#### **Journal of Clinical Ethics**

Winter 2018

At the Bedside

Helping Patients to Achieve What They Find Most Meaningful in Life

Edmund G. Howe

#### **Features**

Familial Discordance Regarding Fertility Preservation for a Transgender Teen: An Ethical Case Study Gwendolyn P. Quinn, Amani Sampson, and Lisa Campo-Engelstein

Proxy Consent by a Physician When a Patient's Capacity Is Equivocal: Respecting a Patient's Autonomy by Overriding the Patient's Ostensible Treatment Preferences

Abraham Graber, Carolyn April, and Michael D. April

Training to Increase Rater Reliability When Assessing the Quality of Ethics Consultation Records with the Ethics Consultation Quality Assessment Tool (ECQAT)

Robert Allan Pearlman, David Alfandre, Barbara L. Chanko, Mary Beth Foglia, and Kenneth A. Berkowitz

Technical Considerations for Implementation of Tele-Ethics Consultation in the Intensive Care Unit Laura S. Johnson. David M. Brennan, and Nneka O. Sederstrom

Systematic Review of Typologies Used to Characterize Clinical Ethics Consultations Jennifer E. deSante-Bertkau, Michelle L. McGowan, and Armand H. Matheny Antommaria

Justice and Respect for Autonomy: Jehovah's Witnesses and Kidney Transplant Paul J. Cummins and Federico Nicoli

Cases from the Cleveland Clinic

Discomfort as a Catalyst: An Ethical Analysis of Donation after Cardiac Death in a Patient with Locked-In Syndrome Bethany Bruno and Margot M. Eves

#### Perspective

To Give or Not to Give: The Challenge of Pharmaceutical Coupons Mihail Zilbermint and Louise Schiavone

#### Journal of the American Medical Association

December 4, 2018

Viewpoint

Evolving Issues in Oncology: Vaccines as an Integral Component of Cancer Immunotherapy Jeffrey Schlom, PhD; James L. Gulley, MD, PhD

Redistributing Investment in Health and Social Services—The Evolving Role of Managed Care William H. Shrank, MD, MSHS; Donna J. Keyser, PhD, MBA; John G. Lovelace, MS, MSIS

Clinical Decision Support in the Era of Artificial Intelligence Edward H. Shortliffe, MD, PhD; Martin J. Sepúlveda, MD, ScD

A Piece of My Mind

Pain Management: Assembling a Tool Kit, Building a Life

Kevin F. Boehnke, PhD

Editorial

Oncology in Transition: Changes, Challenges, and Opportunities

Deborah Schrag, MD, MPH; Ethan Basch, MD, MSc

Hypothermia After Traumatic Brain Injury

Annemarie Docherty, PhD, MBChB, FRCA; John Emelifeonwu, MBChB, MRCS; Peter J. D. Andrews, MD, MBChB, FRCA

Did Medicaid Expansion Reduce Mortality Among Patients Initiating Dialysis for Irreversible Kidney Failure?

Kevin F. Erickson, MD, MS; Vivian Ho, PhD; Wolfgang C. Winkelmayer, MD, ScD

Time for Clinicians to Embrace Their Inner Bayesian? Reanalysis of Results of a Clinical Trial of Extracorporeal Membrane Oxygenation

Roger J. Lewis, MD, PhD; Derek C. Angus, MD, MPH, FRCP

## Original Investigation

Caring for the Critically Ill Patient - Effect of Early Sustained Prophylactic Hypothermia on Neurologic Outcomes Among Patients with Severe Traumatic Brain Injury: The POLAR Randomized Clinical Trial

D. James Cooper, MD; Alistair D. Nichol, MB, PhD; Michael Bailey, PhD; et al.

Association of Oral Anticoagulants and Proton Pump Inhibitor Cotherapy With Hospitalization for Upper Gastrointestinal Tract Bleeding

Wayne A. Ray, PhD; Cecilia P. Chung, MD, MPH; Katherine T. Murray, MD; et al.

Association of Renin-Angiotensin Inhibitor Treatment with Mortality and Heart Failure Readmission in Patients with Transcatheter Aortic Valve Replacement

Taku Inohara, MD, PhD; Pratik Manandhar, MS; Andrzej S. Kosinski, PhD; et al.

Association of Medicaid Expansion With 1-Year Mortality Among Patients with End-Stage Renal Disease Shailender Swaminathan, PhD; Benjamin D. Sommers, MD, PhD; Rebecca Thorsness, BA; et al.

#### **Special Communication**

Caring for the Critically Ill Patient - Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome and Posterior Probability of Mortality Benefit in a Post Hoc Bayesian Analysis of a Randomized Clinical Trial Ewan C. Goligher, MD, PhD; George Tomlinson, PhD; David Hajage, MD, PhD; et al.

## JAMA Clinical Guidelines Synopsis

Incidental Pulmonary Nodules Detected on CT Images Irsk J. Anderson, MD; Andrew M. Davis, MD, MPH

From the Medical Letter on Drugs and Therapeutics

Two New Intra-Articular Injections for Knee Osteoarthritis

#### Research Letter

Proportion of Non–US-Born and Noncitizen Health Care Professionals in the United States in 2016 Yash M. Patel, BA; Dan P. Ly, MD; Tanner Hicks, BS; et al.

Association Between the Liaison Committee on Medical Education's Diversity Standards and Changes in Percentage of Medical Student Sex, Race, and Ethnicity

Dowin H. Boatright, MD, MBA, MHS; Elizabeth A. Samuels, MD, MPH, MHS; Laura Cramer, PhD, ScM; et al.

Medical News & Perspectives

JAMA Network Articles of the Year 2018

Jennifer Abbasi

News from the Food and Drug Administration

Devices Help Surgeons See Parathyroid Tissue

New Flu Drug Approved

Warning on Warfarin Monitoring

Bench to Bedside

Airway Cells Make Trade-off When Fighting the Cold Virus

Tracy Hampton, PhD

#### Comment & Response

Acupuncture for Aromatase Inhibitor-Related Joint Pain Among Breast Cancer Patients

Sepsis Bundles and Mortality Among Pediatric Patients

Protocol Deviations, Reanalyses, and Corrections to PREDIMED Trial Derivative Study on Peripheral Artery Disease

Poetry and Medicine

Low-Dose Opioid Hyperalgesia

Judith Skillman

JAMA Revisited

The Future of the Medical Profession

JAMA Patient Page

Treating Hepatitis C

Dara Grennan, MD

December 11, 2018

Viewpoint

Institutional Conflicts of Interest and Public Trust

Francisco G. Cigarroa, MD; Bettie Sue Masters, PhD; Dan Sharphorn, JD

Should Failure to Disclose Significant Financial Conflicts of Interest Be Considered Research Misconduct?

Jeffrey R. Botkin, MD, MPH

Monitoring Jet Engines and the Health of People

Lionel Tarassenko, MA, DPhil; Eric J. Topol, MD

Expansion of the Medicare 340B Payment Program: Hospital Participation, Prescribing Patterns and Reimbursement, and Legal Challenges

Peter B. Bach, MD; Rachel E. Sachs, JD, MPH

A Piece of My Mind

Against the Odds

Emily M. Bucholz, MD, PhD, MPH

Editorial

Conflicts of Interests, Authors, and Journals: New Challenges for a Persistent Problem

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Annette Flanagin, RN, MA

Vitamin D Receptor Agonists for Patients Undergoing Hemodialysis

Rasheeda K. Hall, MD, MBA, MHS; Julia J. Scialla, MD, MHS

Intensive Intervention to Improve Outcomes for Patients With COPD

Seppo T. Rinne, MD, PhD; Peter K. Lindenauer, MD, MSc; David H. Au, MD, MS

**Original Investigation** 

Effect of Oral Alfacalcidol on Clinical Outcomes in Patients Without Secondary Hyperparathyroidism Receiving Maintenance

HemodialysisThe J-DAVID Randomized Clinical Trial

The J-DAVID Investigators

Effect of a Program Combining Transitional Care and Long-term Self-Management Support on Outcomes of Hospitalized Patients with Chronic Obstructive Pulmonary DiseaseA Randomized Clinical Trial

Hanan Aboumatar, MD, MPH; Mohammad Naqibuddin, MBBS, MPH; Suna Chung, MPH; et al.

Effect of Mexiletine on Muscle Stiffness in Patients with Nondystrophic Myotonia Evaluated Using Aggregated N-of-1 Trials

Bas C. Stunnenberg, MD; Joost Raaphorst, MD, PhD; Hans M. Groenewoud, MSc; et al.

Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation Seung Hoan Choi, PhD; Lu-Chen Weng, PhD; Carolina Roselli, MSc; et al.

#### JAMA Guide to Statistics and Methods

Bayesian Hierarchical Models

Anna E. McGlothlin, PhD; Kert Viele, PhD

#### JAMA Clinical Evidence Synopsis

Treatment of Lower Extremity Superficial Thrombophlebitis

Marcello Di Nisio, MD, PhD; Iris Wichers, MD, PhD; Saskia Middeldorp, MD, PhD

#### JAMA Diagnostic Test Interpretation

Serum Creatinine in the Critically Ill Patient with Sepsis

Matthieu Legrand, MD, PhD; John A. Kellum, MD

#### Research Letter

Childbearing and Family Leave Policies for Resident Physicians at Top Training Institutions

Kirti Magudia, MD, PhD; Alexander Bick, MD, PhD; Jeffrey Cohen, MD; et al.

Specialty Board Leave Policies for Resident Physicians Requesting Parental Leave

Briony K. Varda, MD, MPH; McKinley Glover IV, MD, MHS

#### Medical News & Perspectives

Is It Possible to Get a Flu Shot Too Early?

#### The JAMA Forum

A Smarter War on Drugs

Howard K. Koh, MD, MPH; R. Gil Kerlikowske, MA; Michael P. Botticelli, MEd

#### News from the Centers for Disease Control and Prevention

Mumps Outbreak Near Denver

PrEP Disparities

#### **Biotech Innovations**

Real-Time Visualization of Bacteria in Lungs

Artificial Intelligence Tools for Sepsis and Cancer

#### Comment & Response

Third Molar Extraction and Persistent Use of Opioids

Potential Harms of HIPAA

Failure to Disclose Conflict of Interest in Article Published in JAMA on Detection of Cancer-Related Genes

#### The Arts and Medicine

The Alzheimer's Poetry Project

Gary Glazner; Daniel B. Kaplan, PhD

#### Poetry and Medicine

Ancestors

Carol Snyder Halberstadt

#### JAMA Revisited

The Progress of Preventive Medicine

#### JAMA Patient Page

Rhytidectomy (Face-Lift Surgery) Akshay Sanan, MD; Sam P. Most, MD

#### December 18, 2018

Viewpoint

Protecting the Value of Medical Science in the Age of Social Media and "Fake News" Raina M. Merchant, MD, MSHP; David A. Asch, MD, MBA

Addressing Health-Related Misinformation on Social Media

Wen-Ying Sylvia Chou, PhD, MPH; April Oh, PhD; William M. P. Klein, PhD

Professionalism, Performance, and the Future of Physician Incentives

Dhruv Khullar, MD, MPP; Daniel Wolfson, MPP; Lawrence P. Casalino, MD, PhD

Establishing the Effectiveness of Procedural Interventions: The Limited Role of Randomized Trials

Christopher J. D. Wallis, MD, PhD; Allan S. Detsky, MD, PhD; Eddy Fan, MD, PhD

#### A Piece of My Mind

The Labor of Representation

Aliya G. Feroe, BA

#### Editorial

Helping Pregnant Women and Clinicians Understand the Risk of Ondansetron for Nausea and Vomiting During Pregnancy David M. Haas, MD, MS

Increasing Evidence for the Limited Role of Opioids to Treat Chronic Noncancer Pain

Michael A. Ashburn, MD, MPH; Lee A. Fleisher, MD

#### Original Investigation

Association of Maternal First-Trimester Ondansetron Use with Cardiac Malformations and Oral Clefts in Offspring Krista F. Huybrechts, MS, PhD; Sonia Hernández-Díaz, MD, DrPH; Loreen Straub, MD, MS; et al.

Association of Delivery Mode with Pelvic Floor Disorders After Childbirth

Joan L. Blomquist, MD; Alvaro Muñoz, PhD; Megan Carroll, MS; et al.

Opioids for Chronic Noncancer Pain: A Systematic Review and Meta-analysis

Jason W. Busse, DC, PhD; Li Wang, PhD; Mostafa Kamaleldin, MB BCh; et al.

#### Review

Interventions to Improve Medication Adherence: A Review

Vinay Kini, MD, MSHP; P. Michael Ho, MD, PhD

#### JAMA Clinical Guidelines Synopsis

Diagnosis and Management of Nonalcoholic Fatty Liver Disease

Sonali Paul, MD; Andrew M. Davis, MD, MPH

#### JAMA Clinical Challenge

A Young Woman with Chest Pain

Ouentin R. Youmans, MD; Erin D. Unger, MD; Keith H. Benzuly, MD

#### Research Letter

Prostate Cancer-Specific Mortality Across Gleason Scores in Black vs Nonblack Men

Brandon A. Mahal, MD; Rebecca A. Berman, MD; Mary-Ellen Taplin, MD; et al.

#### Medical News & Perspectives

States Move to Substitute Opioids with Medical Marijuana to Quell Epidemic

Rebecca Voelker, MSJ

#### News From the Food and Drug Administration

A First in COPD Treatment

Rapid Ebola Test Uses Micro Reader to Improve Accuracy

The Return of OTC Primatene Mist

#### The JAMA Forum

Accreditation, Quality, and Making Hospital Care Better

Ashish K. Jha, MD, MPH

#### Global Health

Nigerian Lassa Fever Outbreak Caused by Rodents

Declaration of Astana Emphasizes Primary Care as Key to World Health

Global Impact of Air Pollution on Children's Health

#### Comment & Response

Controversies About Lyme Disease

Cardiovascular Health and Cognitive Decline

Self-harm, Traumatic Brain Injury, and Suicide

Notice of Retraction and Replacement. Snook et al. Change in percentages of adults with overweight or obesity trying to lose weight, 1988-2014. JAMA. 2017;317(9):971-973

#### Poetry and Medicine

Circles

Michael Wynn, DO

#### JAMA Revisited

The Historical Background of Resort TherapyHoward W. Haggard, M.D.

#### JAMA Patient Page

Hand, Foot, and Mouth Disease

Brittany Cox, BA, MS; Fatma Levent, MD

#### December 25, 2018

Viewpoint

Potential Risks and Benefits of Mental Health Screening of Physicians

Matthew L. Goldman, MD, MS; Carol A. Bernstein, MD; Richard F. Summers, MD

#### The Challenges of Improving Treatments for Depression

Pim Cuijpers, PhD

The Ethics of Heritable Genome EditingNew Considerations in a Controversial Area

Eli Y. Adashi, MD, MS; I. Glenn Cohen, JD

Improving Electronic Health Record Usability and Safety Requires Transparency

Raj M. Ratwani, PhD; Michael Hodgkins, MD; David W. Bates, MD

Using Standardized "Cancer Clocks"

Wen-Chung Lee, MD, PhD; Chun-Ju Chiang, PhD; Ya-Wen Yang, MS

A Piece of My Mind The Language of Suicide Phoebe Danziger, MD

#### Editorial

Unintended Harm Associated with the Hospital Readmissions Reduction Program Gregg C. Fonarow, MD

#### **Original Investigation**

Association of the Hospital Readmissions Reduction Program with Mortality Among Medicare Beneficiaries Hospitalized for Heart Failure, Acute Myocardial Infarction, and Pneumonia

Rishi K. Wadhera, MD, MPP, MPhil; Karen E. Joynt Maddox, MD, MPH; Jason H. Wasfy, MD, MPhil; et al.

Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution with Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors

Association of Pharmacological Treatments with Long-term Pain Control in Patients with Knee Osteoarthritis: A Systematic Review and Meta-analysis

Dario Gregori, PhD; Giampaolo Giacovelli, PhD; Clara Minto, MA; et al.

#### Review

In-Flight Medical Emergencies: A Review

Christian Martin-Gill, MD, MPH; Thomas J. Doyle, MD, MPH; Donald M. Yealy, MD

#### JAMA Clinical Challenge

Fever, Rash, and Abnormal Liver Function Test Results Mitsuru Mukaigawara, MD; Shuichi Sugita, MD

#### JAMA Diagnostic Test Interpretation

The Direct Antiglobulin Test for Evaluating Anemia

Corbin Eule, MD; Arjun Gupta, MD; Srikanth Nagalla, MD

#### Research Letter

Adoption of Medicare's Transitional Care Management and Chronic Care Management Codes in Primary Care Sumit D. Agarwal, MD; Michael L. Barnett, MD, MS; Jeffrey Souza, MS; et al.

#### Medical News & Perspectives

Whole-Fat or Nonfat Dairy? The Debate Continues

Rita Rubin, MA

Vaccine Timing, Dietary Dairy Fats and Health, Human Placenta Project, and more Unraveling the Mysteries of the Human Placenta Rita Rubin, MA

The JAMA Forum

Common Ground on Health

Joshua M. Sharfstein, MD

News From the Centers for Disease Control and Prevention Increase in Firearm Homicides

Shifting Hepatitis A Epidemiology

Clinical Trials Update

**Balance Exercises Prevented Falls** 

Less Sitting Improved Work and Mood

Hand Sanitizer Combated Sickness in Day Care Centers Chemoimmunotherapy for Triple-Negative Breast Cancer Dual Receptor Agonist for Type 2 Diabetes

Health Agencies Update

Final Rules for Religious or Moral Objections to Contraceptive Coverage GAO Assessment of the Opioid Public Health Emergency Studying the Impact of Disabilities on Pregnancy

Comment & Response

Electrocardiography Screening for Atrial Fibrillation Digital Media Use and ADHD Symptoms Providing Individual Research Results to Participants Inconsistent Reporting of Potential Conflicts of Interest in JAMA

The Arts and Medicine

Graphic Medicine: The Best of 2018

Poetry and Medicine Twelve Blessings for a Surgeon J. A. O'Hare, MD

JAMA Revisited Some Hazards at Christmastime

JAMA Patient Page Endometriosis

Alan N. Peiris, MD, PhD, FRCP(Lond); Ellen Chaljub, BS; Dillon Medlock, BS

#### L'Osservatore Romano

December 7, 2018

Teach us to pray: General Audience

Former US President George H.W. Bush laid to rest

With freedom and obedience: The Jesuit mission according to the Holy Father

A sign of hope for a wounded world: The Pontiff to the Ecumenical Patriarch for the Feast of Saint Andrews

Offering support for Christians in Pakistan: The Pope encourages the work of 'Missione Shahbaz Bhatti'

an ethical imperative to protect the planet: Secretary of State address to the COP-24

Courage against dealers of death: Conference in the Vatican on drugs and addictions

Evangelization in music: Audience with participants in the third International Meeting of Choirs

Fr. Lambert Greenan dies: Head of the English Edition of 'L'Osservatore Romano' for 22 years

How a Swedish church boat is born: An age-old tradition becomes a cause for a community celebration Perols Ulla Gudmundson

Equal and inalienable rights of all human beings: Marking 70 years of the Universal Declaration

Hope for peace in war-torn Syria: On the first Sunday of Advent

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With blessed persistence: General Audience

Solidarity with victims of attack in Brazil Cathedral

Condolences after attack on Christmas market in France

Sign of fraternity for the world: Message of the Holy Father

No greater love Giovanni Maria Vian

Grave injustices remain: On the 70<sup>th</sup> anniversary of the Universal Declaration of Human Rights

Empowered by trust in God: Celebrating the Solemnity of the Immaculate Conception

Strength to overcome resignation and indifference

The light and tenderness of God: To donors of the tree and Nativity scene

Christmas display in Saint Peter's Square

A window on the world: Cardinal Secretary of State to the Vatican School of Library Science

Eternity and the other face of life: Message to the Pontifical Academies

A special responsibility regarding children: Meeting between the Chief Rabbinate of Israel and the Holy See

Toward the conference on the protection of minors

A shared response is needed: Secretary of State on the Global Compact for Safe, Orderly and Regular Migration

Protect local communities: The Holy See at the COP24 in Katowice

Pope's prayer intention for December

Pathways in the desert

With the new Ambassador of Spain

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With the voice of the visitor close to every person

Andrea Monda

Awaiting the surprises of Christmas: At the year's last General Audience

Universal abolition of capital punishment: Holy Father addresses the International Commission against the Death Penalty

Rejection and nationalism threaten peace: Pope Francis dedicates World Day Message to good politics

Learn from Our Lady to journey and to hope: Mass on the Feast of Our Lady of Guadalupe

Responsibility and solidarity toward migrants: Appeal to the international community following approval of the Global Compact

# **National Catholic Bioethics Quarterly**

Autumn 2018

Essays

Discussing the Spiritual Soul in the Classroom

Peter J. Colosi

The Mother's Child as Aggressor: A Further Reply to Charles Camosy

Joshua Evans

Abortion and Good Samaritan Arguments

Trent Horn

The Influence of Spiritual Retreats on Compassion in Health Care

Divya Joshi, MD, MMM, and Dwight Stapleton, MD

Articles

The False Freedom of Promiscuity: Consequences of Teenage Sexual Activity

Mary Beth Phillips

Pursuing Authenticity by Changing the Body

Rev. Sean O'Brien

Opportunistic Salpingectomy during Cesarean Section

Jonathan Scrafford, MD, and Lisa Gilbert, MD

Verbatim

Unite to Cure: Address to the International Conference on Regenerative Medicine, April 28, 2018

Pope Francis

The Wisdom of Finitude: Letter to Archbishop Vincenzo Paglia, February 28, 2018

Cardinal Pietro Paolin

Protecting the Vulnerable

Remarks on Palliative Care, April 12, 2018

Archbishop Christophe Pierre

# **New England Journal of Medicine**

December 6, 2018

Perspective

The Future of Health Care Reform — A View from the States on Where We Go from Here

D.K. Jones, C. Pagel, and C.F. Koller

Politics and Pandemics

R. Klain

Toward Precision Policy — The Case of Cardiovascular Care

R.K. Wadhera and D.L. Bhatt

A Borderline Case

P.S. Stack

**Original Articles** 

Pantoprazole in Patients at Risk for Gastrointestinal Bleeding in the ICU

M. Krag and Others

MUC5B Promoter Variant and Rheumatoid Arthritis with Interstitial Lung Disease P.-A. Juge and Others

First-Line Atezolizumab plus Chemotherapy in Extensive-Stage Small-Cell Lung Cancer L. Horn and Others

Brief Report: Variant Prolactin Receptor in Agalactia and Hyperprolactinemia T. Kobayashi, H. Usui, H. Tanaka, and M. Shozu

**Review Articles** 

Frontiers in Medicine: Mapping Symptoms to Brain Networks with the Human Connectome M.D. Fox

Bacterial Vaginosis and Desquamative Inflammatory Vaginitis J. Paavonen and R.C. Brunham

Images in Clinical Medicine Amebic Liver Abscess H.-H. Wang and W.-R. Lin

Laryngocele

C.A. Singh and P. Sakthivel

Clinical Problem-Solving Overcoming the Barrier

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