# PERIODICAL REVIEW



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

# DECEMBER 2019

#### AMA JOURNAL OF ETHICS

December 2019

Governing Human Genome Editing Ethics, Values, and Responsibility in Human Genome Editing

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How Should Physicians Respond When They Learn Patients Are Using Unapproved Gene Editing Interventions?

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Using the 4-S Framework to Guide Conversations with Patients About CRISPR
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Is Gene Editing Patentable? Lisa M. Gehrke, JD, MA

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An Exclusive Interview With CRISPR Sean C. McConnell, PhD

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#### AMERICAN JOURNAL OF BIOETHICS

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Fifty Years Later: Reflections on the Work of Elisabeth Kübler-Ross M.D.

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Appreciating the Legacy of Kübler-Ross: One Clinical Ethicist's Perspective Daniel O. Dugan

Thirty Years Later: An Oncologist Reflects on Kübler-Ross's Work Laurie J. Lyckholm

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Psychotherapy at the End of Life Rebecca M. Saracino, Barry Rosenfeld, William Breitbart & Harvey Max Chochinov

The Inner Lives of Doctors: Physician Emotion in the Care of the Seriously Ill Julie Childers & Bob Arnold

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Deconstructing Dignity in Elisabeth Kübler-Ross's On Death and Dying Greg Yanke

Kübler-Ross and Bioethics: A Cautionary Tale Robert Baker

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Behavioral Health Care When People You Love Are the Unintended Consequences of Opioid Policy Mary Beth Foglia

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When Pain Becomes Personal Anita Ho

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Self-Inflicted Moral Distress: Opportunity for a Fuller Exercise of Professionalism Jeffrey T. Berger, Ann B. Hamric, and Elizabeth Epstein The Ethics of Psychosocial Assessment in Vascularized Composite Allotransplantation: A Call for Transparency of Process to Support the Equitable Selection of Patients Laura L. Kimberly, Michelle W. McQuinn, Arthur L. Caplan, and Nomi C. Levy-Carrick

An Algorithmic Approach to Patients Who Refuse Care But Lack Medical Decision-Making Capacity Stephanie A. Larson, Sindhuja Surapaneni, Kevin Wack, and Maura George

The Role of Informed Consent for Thrombolysis in Acute Ischemic Stroke Amber R. Comer, Teresa M. Damush, Alexia M. Torke, and Linda S. Williams

Family Presence During Cardiopulmonary Resuscitation Zohar Lederman Case and Analysis from Brigham and Women's Hospital

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Being with and Being for: Flourishing, Suffering, and Joy in a Ugandan Hospital Ryan Gillespie

Family-Centered Culture Care: Touched by an Angel Jesus A. Hernandez

#### **JOURNAL OF MEDICAL ETHICS**

December 2019

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The ethical concept of medicine as a profession discovery or invention?

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Why only common morality? Bryanna Moore

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A Defense of medical ethics as uncommon morality Rosamond Rhodes

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Instrumental rationality and suicide in schizophrenia: a case for rational suicide?

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Feasibility of an ethics and professionalism curriculum for faculty in obstetrics and gynecology: a pilot study Lori-Linell Hollins, Marilena Wolf, Brian Mercer, Kavita Shah Arora

Familial disclosure by genetic healthcare professionals: a useful but sparingly used legal provision in France Benjamin Derbez, Antoine de Pauw, Dominique Stoppa-Lyonnet, Frédéric Galactéros, Sandrine de Montgolfier

Is the exclusion of psychiatric patients from access to physician-assisted suicide discriminatory? Joshua James Hatherley

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Hormone replacement therapy: informed consent without assessment?

Toni C Saad, Bruce Philip Blackshaw, Daniel Rodger

Reply to 'Hormone replacement therapy: informed consent without assessment?'
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Responding to objections to gatekeeping for hormone replacement therapy

Toni C Saad, Daniel Rodger, Bruce Philip Blackshaw

Consistency is not overrated Carl Tollef Solberg, Ole Frithjof Norheim, Mathias Barra

To die, to sleep, perchance to dream? A response to DeMichelis, Shaul and Rapoport Joel L Gamble, Nathan K Gamble, Michal Pruski

# **JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION**

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Original Investigation

Effect of Single-Fraction vs Multifraction Radiotherapy on Ambulatory Status Among Patients with Spinal Canal Compression From Metastatic Cancer: The SCORAD Randomized Clinical Trial

Peter J. Hoskin, BSc, MBBS, MD; Kirsten Hopkins, MD, MRCP, MBChB; Vivek Misra, MRCP, MBBS; et al.

e-Cigarette Use Among Youth in the United States, 2019 Karen A. Cullen, PhD; Andrea S. Gentzke, PhD; Michael D. Sawdey, PhD; et al.

Development of Risk Prediction Equations for Incident Chronic Kidney Disease

Robert G. Nelson, MD, PhD; Morgan E. Grams, MD, PhD; Shoshana H. Ballew, PhD; et al.

Association of Receipt of a Housing Voucher with Subsequent Hospital Utilization and Spending Craig Evan Pollack, MD, MHS; Amanda L. Blackford, ScM; Shawn Du, PhD; et al. Research Letter

Flavors of e-Cigarettes Used by Youths in the United States

Adam M. Leventhal, PhD; Richard Miech, PhD; Jessica Barrington-Trimis, PhD; et al.

Trends in Infant Pertussis Hospitalizations in the United States, 2009-2017

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Neglecting Major Health Problems and Broadcasting Minor, Uncertain Issues in Lifestyle Science John P. A. Ioannidis, MD, DSc

The Opioid Crisis, Corporate Responsibility, and Lessons From the Tobacco Master Settlement Agreement Cheryl Healton, DrPH; Robert Pack, PhD, MPH; Sandro Galea, MD, DrPH

**Ending Congenital Syphilis** 

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To Control Costs Expand Managed Care and Managed Competition

Alain Enthoven, PhD; Victor R. Fuchs, PhD; Stephen M. Shortell, PhD, MPH, MBA

A Piece of My Mind Measuring Quality Melissa M. Khorana, RN, MS, ANP; Alok A. Khorana, MD

#### **Editorial**

Predicting Risk of Kidney DiseaseIs Risk-Based Kidney Care on the Horizon? Sri Lekha Tummalapalli, MD, MBA; Michelle M. Estrella, MD, MHS

Housing Mobility and Addressing Social Determinants of Health Within the Health Care System Alexandra Yurkovic, MD; Michael Silverstein, MD, MPH; Alastair Bell, MD, MBA

# JAMA Insights

Using the 9-Item Patient Health Questionnaire to Screen for and Monitor Depression Mark Zimmerman, MD

JAMA Clinical Challenge

A Man with Incessant Narrow Complex Tachycardia Esseim Sharma, MD; Michael Wu, MD

JAMA Diagnostic Test Interpretation

The Point-of-Care INR Test for Vitamin K Antagonist Monitoring

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Medical News & Perspectives JAMA Network Articles of the Year 2019 Jennifer Abbasi

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Original Investigation

Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients: A Randomized Clinical Trial

Philip C. Spinella, MD; Marisa Tucci, MD; Dean A. Fergusson, PhD, MHA; et al.

Neuro Nook—Deep Brain Stimulation for Tinnitus, Tumors Hijack Neurons in Brain Cancer, and Multiple Sclerosis and Immunizations Feyza Sancar, PhD

News From the Food and Drug Administration Clarithromycin-Resistant H pylori Faces New Foe Patients With Cystic Fibrosis Have New Triple-Drug Combination

New Report Examines Drug Shortages

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Exploring the Potential of CAR-T Therapy for Heart Failure

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The Arts and Medicine Terminal Delirium in the Opera Kopernikus Joshua Wales, MD

Poetry and Medicine Writing Poems About Patients Michael Wynn, DO, FAAN

JAMA Revisited The New Bacchus

JAMA Patient Page What Is a Paraesophageal Hernia? Ioana Baiu, MD, MPH; James Lau, MD, MHPE

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Using Patient Preferences to Determine Noninferiority Margins in Trials

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Marie Hargreave, PhD; Allan Jensen, PhD; Merete Kjær Hansen, PhD; et al.

#### Research Letter

Primary Care Spending in the Commercially Insured Population

Julie Reiff, BA; Niall Brennan, MPP; Jean Fuglesten Biniek, PhD

Hepatitis C Virus Antibody Testing Among 13- to 21-Year-Olds in a Large Sample of US Federally Qualified Health Centers

Rachel L. Epstein, MD, MSc; Jianing Wang, MSc; Liesl Hagan, MPH; et al.

#### US Preventive Services Task Force

Recommendation Statement - Screening for Abdominal Aortic Aneurysm: US Preventive Services Task Force Recommendation Statement US Preventive Services Task Force

Evidence Report - Primary Care Screening for Abdominal Aortic Aneurysm: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Janelle M. Guirguis-Blake, MD; Tracy L. Beil, MS; Caitlyn A. Senger, MPH; et al.

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Improving the System to Support Clinician Well-being and Provide Better Patient Care Pascale Carayon, PhD; Christine Cassel, MD; Victor J. Dzau, MD

Is Transcultural Psychiatry Possible? Daniel Guinart, MD; John M. Kane, MD; Christoph U. Correll, MD

The Potential of Object-Relations Theory for Improving Engagement With Health Apps Jonah Cohen, PhD; John Torous, MD

Adalimumab and the Challenges for Biosimilars Walid F. Gellad, MD, MPH; Chester B. Good, MD, MPH

A Piece of My Mind Hiding in Plain Sight Oluwadamilola "Lola" M. Fayanju, MD, MA, MPHS

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Age of Red Blood Cells for Transfusion in Critically Ill Pediatric Patients Zoe K. McQuilten, MBBS, PhD; D. James Cooper,

BMBS, MD

Updated Guidelines on Screening for Abdominal Aortic Aneurysms Julie Ann Freischlag, MD

# JAMA Insights

Clinical Update: Update on the Management of Constipation Arnold Wald, MD

# JAMA Clinical Guidelines Synopsis Medical Management of Opioid-Induced Constipation Vijaya L. Rao, MD; Dejan Micic, MD; Andrew M.

Vijaya L. Rao, MD; Dejan Micic, MD; Andrew M. Davis, MD

Medical News & Perspectives Cannabidiol Products Are Everywhere, but Should People Be Using Them? As Far as Heart Health Goes, Is Napping Good, Bad, or Neither?

## The JAMA Forum

History Suggests That Most Physicians Likely to Remain as Participants in Medicare Aaron E. Carroll, MD

News From the Centers for Disease Control and Prevention Kindergarten Vaccine Coverage Needs a Boost Evaluating e-Cigarette Lung Disease

Biotech Innovations Brain Cancer Triage Test Advances Study Evaluates Rapid Sickle Cell Disease Test Patient with Tetraplegia Tests Brain-Controlled Exoskeleton

Poetry and Medicine The Case for Waking Janis Lou Harrington

JAMA Revisited Diet and Intestinal Bacteria JAMA Patient Page Screening for Abdominal Aortic Aneurysm Jill Jin, MD, MPH

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## Original Investigation

Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure: The GALACTIC Randomized Clinical Trial Nikola Kozhuharov, MD; Assen Goudev, MD, PhD; Dayana Flores, MD; et al.

Effect of Rocuronium vs Succinylcholine on Endotracheal Intubation Success Rate Among Patients Undergoing Out-of-Hospital Rapid Sequence Intubation: A Randomized Clinical Trial Bertrand Guihard, MD; Charlotte Chollet-Xémard, MD; Philippe Lakhnati, MD; et al.

Association of Transcarotid Artery Revascularization vs Transfemoral Carotid Artery Stenting With Stroke or Death Among Patients With Carotid Artery Stenosis Marc L. Schermerhorn, MD; Patric Liang, MD; Jens Eldrup-Jorgensen, MD; et al.

#### Research Letter

Identifying Potential Patient Safety Issues From the Federal Electronic Health Record Surveillance Program Thomas B. Pacheco, BS; Aaron Z. Hettinger, MD; Raj M. Ratwani, PhD

Trends in Intentional and Unintentional Opioid Overdose Deaths in the United States, 2000-2017 Mark Olfson, MD, MPH; Lauren M. Rossen, PhD; Melanie M. Wall, PhD; et al.

#### Viewpoint

Implementation Strategies for Cardiovascular Polypills Mark D. Huffman, MD, MPH; Abdul Salam, PhD; Anushka Patel, MD, PhD

Cardiovascular Disease Prevention at a Crossroads: Precision Medicine or Polypill? Michael J. Joyner, MD; Nigel Paneth, MD, MPH

### Comment & Response

Treatment of Hyperglycemia in Patients with Acute Stroke

Neuroimaging of US Government Personnel Exposed to Directional Phenomena

Machine Learning, Predictive Analytics, and Clinical Practice: Can the Past Inform the Present? Eric D. Peterson, MD, MPH

Lifecycle Regulation of Artificial Intelligence— and Machine Learning—Based Software Devices in Medicine Thomas J. Hwang, AB; Aaron S. Kesselheim, MD, JD, MPH; Kerstin N. Vokinger, MD, JD, PhD

A Piece of My Mind Of Warsaw and Calgary Thomas Courville Yates, MD

#### **Editorial**

Vasodilator Therapy in Acute Heart Failure Gregory Curfman, MD

The Challenges of Sharing Data in an Era of Politicized Science

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA

The Rational Clinical Examination Does This Patient Have Hip Osteoarthritis? The Rational Clinical Examination Systematic Review David Metcalfe, PhD, MRCS; Daniel C. Perry, PhD, FRCS(Orth); Henry A. Claireaux, MBChB; et al.

### JAMA Insights

Coronary Microvascular Dysfunction Causing Cardiac Ischemia in Women Janet Wei, MD; Susan Cheng, MD, MPH, MMSc; C. Noel Bairey Merz, MD

JAMA Diagnostic Test Interpretation Point-of-Care Urine Pregnancy Tests Niloofar Latifi, MD; Gila Kriegel, MD; A. Zara Herskovits, MD, PhD

Medical News & Perspectives Heritage Diets and Culturally Appropriate Dietary Advice May Help Combat Chronic Diseases Bridget M. Kuehn, MSJ Quick Uptakes

Study Clarifies Cancer Risk Among People With Psoriasis

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News From the Food and Drug Administration New Therapy for Rare Anemia Test for HIV Drug–Resistance Mutations Update on Biotin Interference With Troponin Tests

The JAMA Forum Making Health Care More Productive Austin B. Frakt, PhD

Global Health

WHO Takes Aim at Noncommunicable Diseases and Traffic Injuries Poliovirus Type 3 Is Eradicated

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Original Investigation

Prevalence of Diabetes by Race and Ethnicity in the United States, 2011-2016

Yiling J. Cheng, MD, PhD; Alka M. Kanaya, MD; Maria Rosario G. Araneta, PhD, MPH; et al.

Invasive Nontypeable Haemophilus influenzae Infection Among Adults With HIV in Metropolitan Atlanta, Georgia, 2008-2018 Lauren F. Collins, MD; Fiona P. Havers, MD, MHS;

Lauren F. Collins, MD; Flona P. Havers, MD, MHS Amy Tunali, MPH; et al.

Association of Premature Natural and Surgical Menopause With Incident Cardiovascular Disease Michael C. Honigberg, MD, MPP; Seyedeh Maryam Zekavat, BS; Krishna Aragam, MD, MS; et al.

Research Letter

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Changes in Trends in Thyroid Cancer Incidence in the United States, 1992 to 2016 Ann E. Powers, BA; Andrea R. Marcadis, MD; Mark

Incidence of Hypoparathyroidism After Thyroid Cancer Surgery in South Korea, 2007-2016 Song Vogue Ahn, MD, PhD; Joon-Hyop Lee, MD; Erin Allana Bove-Fenderson, PhD; et al. Widespread Blood Shortages Threaten Global Public Health

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Addressing Bias in Artificial Intelligence in Health Care Ravi B. Parikh, MD, MPP; Stephanie Teeple, BA; Amol S. Navathe, MD, PhD

Addressing Social Determinants to Improve Population Health: The Balance Between Clinical Care and Public Health

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Clarifying the Meaning of Clinically Meaningful Benefit in Clinical Research: Noticeable Change vs Valuable Change

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Real-Time Benefit Tools for Drug Prices Jordan Everson, PhD, MPP; Mark E. Frisse, MD, MS, MBA; Stacie B. Dusetzina, PhD

A Piece of My Mind Goals That Ricochet Rebecca N. Hutchinson, MD, MPH

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Addressing Challenges and Implications of National Surveillance for Racial/Ethnic Disparities in Diabetes Kunihiro Matsushita, MD, PhD; Olive Tang, AB; Elizabeth Selvin, PhD, MPH Review

Diagnosis and Management of Chronic Pancreatitis: A Review

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A Patient With Psychiatric Illness and Multiple Hemorrhages

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Assessing Whether Infertile Men Have a Higher Risk of Prostate Cancer

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Health Care Legislation, the 2020 Election, and Beyond Gail Wilensky, PhD

News From the Centers for Disease Control and Prevention

Childhood Hardships Contribute to Poor Adult Health Antibiotic Resistance Threat Grows

Clinical Trials Update

Tranexamic Acid Improves Outcomes in TBI Free Medications Boost Treatment Adherence Statins in Childhood May Reduce CVD From Familial Hypercholesterolemia

# LINACRE QUARTERLY

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Special Issue: Brain Death: Current Understanding and Questions

**Editorial** 

Exploring the life death divide, questions remain long after the Harvard Criteria

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On Being a Catholic Physician The Trouble with Anesthetizing the Dead William J. Perez, MD, MA Circadian Timing of Medications Affects CVD

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Wireless Technology Quickly Confirms TB Medication Adherence

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Antibody Testing Accurately Identifies Children With Sesame Allergy

US Sues Gilead, Alleging PrEP Drugs Infringe on HHS Patents

VA Efforts to Reduce Opioid Overdose Deaths in At-Risk Veterans

The Arts and Medicine

Graphic Medicine—The Best of 2019 Michael J. Green, MD, MS; Lisa H. Plotkin, LCSW;

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Poetry and Medicine

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The Sanitary Inquiry as to Tenement-Houses in New York City

JAMA Patient Page

Paraesophageal Hernia Repair and Fundoplication Ioana Baiu, MD, MPH; James Lau, MD, MHPE

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Continuing Antipsychotic Medication for Patients With Psychotic Depression in Remission

Healthy Diet and Risk of Dementia in Older Adults

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When Death Is Not the End: Continuing Somatic Care during Postmortem Pregnancy Jennifer J. Barr, MD, MPH, FACOG

Retrospective: 50 Years ago

Moral Questions in Connection with Death

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Organ Donation and Declaration of Death: Combined Neurologic and Cardiopulmonary Standards Stephen E. Doran, MD and Joseph M. Vukov, PhD Evolution of the Criteria of "Brain Death": A Critical Analysis Based on Scientific Realism and Christian Anthropology

Doyen Nguyen, OP, MD, STD

Humility before New Scientific Evidence: We No Longer Have Moral Certainty that "Brain Death" Is True Death

Irene Alexander, PhD

Organ Donation and the Ars Moriendi Stephen Doran, MD

Brian Death and the Formation of Moral Conscience Christopher Ostertag, MA and Kyle Karches, MD, MA

Refinements in the Organism as a Whole Rationale for Brain Death James L. Bernat, MD

# L'OSSERVATORE ROMANO

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God's love in the frailty of a child: In Greccio the Holy Father signs Apostolic Letter on the meaning and importance of the Nativity Andrea Monda

Reflecting on the challenges of climate change: Pope's message to COP25 in Madrid

Magic is not Christian: Pope Francis continues his catechesis on the Acts of the Apostles

We do not have the right to remain separated: The Pontiff's message to the Ecumenical Patriarch for the Feast of Saint Andrew

December 13, 2019 Message for World Day of Peace 2020: Break the mentality of threats and fear

Pope Francis celebrates fiftieth anniversary of his ordination

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