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☐ From the Editor

Sacred Trespass

https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Sacred_Trespass.1.aspx

Roberts, Laura Weiss

Academic Medicine. 95(7):971, July 2020.

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Formal Training for Practice: How Much Is Too Much?

https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Formal_Training_for_Practice_How_Much_Is_Too_Much.1.aspx

Cawley, James F.

Academic Medicine. 95(7):972, July 2020.

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- 📄PDF (https://pdfs.journals.lww.com/academicmedicine/2020/07000/Formal_Training_for_Practice_How_Much_Is_Too_Much.1.pdf?token=method|ExpireAbsolute;source|Journals;ttl|1596893647859;payload|mY8D3u1TCCsNvP5E421JYK6N6X)
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Cultivating Compassion While Battling Exhaustion

https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Cultivating_Compassion_While_Battling_Exhaustion.1.aspx

Goetz, Teddy G.

Academic Medicine. 95(7):972, July 2020.

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In Reply to Goetz

https://journals.lww.com/academicmedicine/Fulltext/2020/07000/In_Reply_to_Goetz.4.aspx

Snyderman, Ralph

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“Digital Health” in Medical School

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/_Digital_Health__in_

Rosenman, David; Swanson, Wendy Sue

Academic Medicine. 95(7):973, July 2020.

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A Foot in the Door: Foreign International Medical Students’ Obstacles to Hands-On Clinical Electives in the United States

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/A_Foot_in_the_Door_

Anteby, Roi

Academic Medicine. 95(7):973-974, July 2020.

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First Cut: Hesitance, Action, and Growth in Early Medical Education

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D’Oro, Anthony J.

Academic Medicine. 95(7):975, July 2020.

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First Days in Anatomy Lab

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/First_Days_in_Anatomy_Lab.8.pdf?token=method|ExpireAbsolute;source|Journals;ttl|1596893647890;payload|mY8D3u1TCCsNvP5E421JYK6N6XI

Lynch, Tierra

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Something Like Coming Home: A Former Scribe's First Paper Chart

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Something_Like_Coming_Home_A_Former_Scribe's_First_Paper_Chart.10.pdf?token=method|ExpireAbsolute;source|Journals;ttl|1596893647906;payload|mY8D3u1TCCsNvP5E421JYK6N6X)

Carragee, Catherine

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To Know by Heart

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Navigating: From the Wards to a Washing Machine

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Bennett, Mary Beth

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Caring for a Child at the End of Life

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Remembering Family in Patient Care: Lessons Learned During My First Trauma Surgery Shift (https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Remembering_Family_in_Patient_Care_Lessons_Learned_During_My_First_Trauma_Surgery_Shift.15.pdf?token=method|ExpireAbsolute;source|Journals;ttl|1596893647937;payload|mY8D3u1TCCsNvP5E421JYK6N6XI)

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DeLaune, Jess D.

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(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Building_Patient_Phys

Gupta, Nikita; Thiele, Cameron M.; Daum, Joshua I.; More

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Genao, Ingina; Boatright, Dowin

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Hsiao, Victor

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(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Critical_Realism_and_

Ellaway, Rachel H.; Kehoe, Amelia; Illing, Jan
Academic Medicine. 95(7):984-988, July 2020.

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The Distinctions Between Theory, Theoretical Framework, and Conceptual Framework
(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/The_Distinctions_Betv

Varpio, Lara; Paradis, Elise; Uijtdehaage, Sebastian; More
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Being Edgy in Health Professions Education: Concluding the Philosophy of Science Series
(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Being_Edgy_in_Healtl

MacLeod, Anna; Ellaway, Rachel H.; Paradis, Elise; More
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Marom, Assaf
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(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/The_Birth,_Death,_and_Renaissance____article-sam-container)

Coproducing Health Professions Education: A Prerequisite to Coproducing Health Care Services?

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Coproducing_Health_

Englander, Robert; Holmboe, Eric; Batalden, Paul; More

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The Power of Contribution and Attribution in Assessing Educational Outcomes for Individuals, Teams, and Programs

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/The_Power_of_Contri

Schumacher, Daniel J.; Dornoff, Eric; Carraccio, Carol; More

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Learning Conversations: An Analysis of the Theoretical Roots and Their Manifestations of Feedback and Debriefing in Medical Education

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Tavares, Walter; Eppich, Walter; Cheng, Adam; More

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Rising, Kristin L.; Powell, Rhea E.; Cameron, Kenzie A.; More
Academic Medicine. 95(7):1026-1034, July 2020.

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Madanes, Sharon Brenda
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Kumar, Bharat
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Thomas, Larissa R.; Nguyen, Rita; Teherani, Arianne; More

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Jagsi, Reshma; Means, Olivia; Lautenberger, Diana; More

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Promoting Readiness for Residency: Embedding Simulation-Based Mastery Learning for Breaking Bad News Into the Medicine Subinternship

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Promoting_Readiness_

Vermilyen, Julia H.; Wayne, Diane B.; Cohen, Elaine R.; More

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Fostering a Feedback Mindset: A Qualitative Exploration of Medical Students' Feedback Experiences With Longitudinal Coaches

(https://journals.lww.com/academicmedicine/Fulltext/2020/07000/Fostering_a_Feedback_Mindset__A_Qualitative_Exploration_of_Medical_Students'_Feedback_Experiences_With_Longitudinal_Coaches)

Bakke, Brian M.; Sheu, Leslie; Hauer, Karen E.

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EDITORIAL

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Roberto Romero

SPECIAL REPORT

- 3** Management of gynecology patients during the coronavirus disease 2019 pandemic: Chinese expert consensus
Lin Qiu; Abraham Morse; Wen Di; Lei Song; Beihua Kong; Zehua Wang; Jinghe Lang; Wenzhao Chai; Lan Zhu; Experts from the Chinese Obstetricians and Gynecologists Association

During the COVID-19 pandemic, recommendations on management of gynecology patients are needed to protect patients and the healthcare workforce and to reduce nosocomial infections.

-  **9** The diagnosis of pneumonia in a pregnant woman with coronavirus disease 2019 using maternal lung ultrasound
Riccardo Inchingolo; Andrea Smargiassi; Francesca Moro; Danilo Buonsenso; Silvia Salvi; Paola Del Giacomo; Giancarlo Scoppettuolo; Libertario Demi; Gino Soldati; Antonia Carla Testa

The authors suggest point-of-care lung ultrasound examination as a diagnostic imaging tool in pregnant women with suspected coronavirus disease 2019.

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- 12** The competing risk approach for prediction of preeclampsia
David Wright; Alan Wright; Kypros H. Nicolaides

The competing risks approach allows estimation of individual patient-specific risks of delivery with preeclampsia before any specified gestational age by combination of maternal factors and biomarkers.

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24 Effectiveness and safety of extending intrauterine device duration: a systematic review

Angeline J. Ti; Andrea H. Roe; Katherine C. Whitehouse; Ruben A. Smith; Mary E. Gaffield; Kathryn M. Curtis

Current evidence suggests rates of pregnancy and complications of modern intrauterine devices during 2 years of extended use are low and comparable to approved use.

36 Coronavirus disease 2019 during pregnancy: a systematic review of reported cases

Anna Nunzia Della Gatta; Roberta Rizzo; Gianluigi Pilu; Giuliana Simonazzi
Clinical outcomes of mothers and neonates with coronavirus disease 2019 described in the literature have been favorable, but almost all pregnant women had preterm cesarean delivery with reasons that are unclear.

42 Cervical pessary to prevent preterm birth in asymptomatic high-risk women: a systematic review and meta-analysis



Agustin Conde-Agudelo; Roberto Romero; Kypros H. Nicolaides

Cervical pessary does not prevent preterm birth or improve perinatal outcomes in asymptomatic women with singleton or twin gestations at risk for preterm delivery

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66 Care of the pregnant woman with coronavirus disease 2019 in labor and delivery: anesthesia, emergency cesarean delivery, differential diagnosis in the acutely ill parturient, care of the newborn, and protection of the healthcare personnel

Balakrishnan Ashokka; May-Han Loh; Cher Heng Tan; Lin Lin Su; Barnaby Edward Young; David Chien Lye; Arijit Biswas; Sebastian E. Illanes; Mahesh Choolani

Stepwise approach for managing acutely ill parturients to improve maternal outcomes and minimize disease transmission.

CALL TO ACTION

75 Addressing heterogeneous outcomes in uterine fibroid research: a call to action

Annie P. Tran; Jennifer Al Naber; Ellen S. Tambor; Evan R. Myers

The development of a core outcome set is necessary to address the issue of heterogeneous outcomes and instruments in clinical studies of uterine fibroid interventions.

79 Increasing NIH funding for academic departments of obstetrics and gynecology: a call to action

Laurel W. Rice; Marcelle I. Cedars; Yoel Sadovsky; Nazema Y. Siddiqui; Stephanie B. Teal; Jason D. Wright; Andrea Zorbas; Marcela G. del Carmen

This report reviews the underfunding of women's reproductive sciences research by the National Institutes of Health (NIH).

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Emily E. Weber LeBrun; Nash S. Moawad; Eric I. Rosenberg;

Timothy E. Morey; Laurie Davies; William O. Collins; John C. Smulian

During the coronavirus disease 2019 pandemic, a staged reduction in gynecologic and obstetric surgical services is needed to protect patients and the healthcare workforce, conserve personal protective equipment, and allow redeployment of facility resources.

91 Evidence for and against vertical transmission for severe acute respiratory syndrome coronavirus 2

Audrey Lamouroux; Tania Attie-Bitach; Jelena Martinovic;

Marianne Leruez-Ville; Yves Ville

More definitive evidence is needed before early findings can be used for counseling pregnant women on the risk of congenital infection with SARS-CoV-2.

ORIGINAL RESEARCH

Articles abstracted in this issue appear in full at ajog.org

GYNECOLOGY

94 Adenomyosis incidence, prevalence and treatment: United States population-based study 2006–2015

Onchee Yu; Renate Schulze-Rath; Jane Grafton; Kelly Hansen; Delia Scholes; Susan D. Reed

A recent 10-year population-based cohort shows a 1% incidence of adenomyosis among women aged 16–60 years; incidence was higher among black vs white women.

96 A prospective study of treatments for cervical intraepithelial neoplasia and fecundability

Lauren A. Wise; Sydney K. Willis; Rebecca B. Perkins; Amelia K. Wesselink; Alexandra Klann; Holly M. Crowe; Kristen A. Hahn; Ellen M. Mikkelsen; Elizabeth E. Hatch

In a North American preconception cohort, there was no appreciable association between history of abnormal Papanicolaou test results, treatments for cervical intraepithelial neoplasia, or recency of treatment and fecundability.

99 Patient-centered change in the day-to-day impact of postmenopausal vaginal symptoms: results from a multicenter randomized trial

Carolyn J. Gibson; Alison J. Huang; Joseph C. Larson; Caroline Mitchell; Susan Diem; Andrea LaCroix; Katherine M. Newton; Susan D. Reed; Katherine A. Guthrie

Vulvovaginal symptom treatment was accompanied by reduced impact of symptoms on well-being and functioning as measured by the Day-to-Day Impact of Vaginal Aging questionnaire.

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101 How long is too long? Application of acetic acid during colposcopy: a prospective study

Ziad Hilal; Clemens B. Tempfer; Lucie Burgard; Sadia Rehman; Günther A. Reznicek

The optimal timing for the colposcopic assessment of acetowhite lesions is 1 minute after the application of acetic acid.

103 Progesterin therapy for obese women with complex atypical hyperplasia: levonorgestrel-releasing intrauterine device vs systemic therapy

Rachel S. Mandelbaum; Marcia A. Ciccone; David J. Nusbaum; Mahdi Khoshchreh; Heena Purswani; Elise B. Morocco; Meghan B. Smith; Shinya Matsuzaki; Christina E. Dancz; Begum Ozel; Lynda D. Roman; Richard J. Paulson; Koji Matsuo

Levonorgestrel-releasing intrauterine device may be more effective than systemic therapy for women with complex atypical hyperplasia who opt for nonsurgical treatment, particularly in morbidly obese women.

105 Risk of pelvic organ prolapse treatment based on extended family history

Kristina Allen-Brady; Peggy A. Norton; Audra Jolyn Hill; Kerry Rowe; Lisa A. Cannon-Albright

Family history risk of pelvic organ prolapse was associated with increasing numbers of affected close and distant relatives, earlier relative treatment age, and maternal inheritance.

107 Incidence of endometrioid and clear-cell ovarian cancer in histological proven endometriosis: the ENOCA population-based cohort study

Marjolein Hermens; Anne M. van Altena; Theodoor E. Nieboer; Benedictus C. Schoot; Huib A. A. M. van Vliet; Albert G. Siebers; Ruud L. M. Bekkers

An increased incidence was found for endometrioid and clear-cell ovarian cancer in 131,450 women with histological proven endometriosis.

OBSTETRICS

109 Maternal death due to COVID-19

Sedigheh Hantoushzadeh; Alireza A. Shamshirsaz; Ashraf Aleyasin; Maxim D. Seferovic; Soudabeh Kazemi Aski; Sara E. Arian; Parichehr Pooransari; Fahimeh Ghotbizadeh; Soroush Aalipour; Zahra Soleimani; Mahsa Naemi; Behnaz Molaei; Roghaye Ahangari; Mohammadreza Salehi; Atousa Dabiri Oskoei; Parisa Pirozan; Roya Faraji Darkhaneh; Mahboobeh Gharib Laki; Ali Karimi Farani; Shahla Atrak; Mir Mohammad Miri; Mehran Koucheh; Seyedpouzhia Shojaei; Fahimeh Hadavand; Fatemeh Keikha; Maryam Sadat Hosseini; Sedigheh Borna; Shideh Ariana; Mamak Shariat; Alireza Fatemi; Behnaz Nouri; Seyed Mojtaba Nekooghadam; Kjersti Aagaard

We report herein maternal deaths due to coronavirus disease 2019. Until rigorously collected surveillance data emerge, it is prudent to be aware of the potential for maternal death among pregnant women diagnosed as having coronavirus disease 2019 in their latter trimesters.

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111 Coronavirus disease 2019 in pregnant women: a report based on 116 cases

Jie Yan; Juanjuan Guo; Cuifang Fan; Juan Juan; Xuechen Yu; Jiafu Li; Ling Feng; Chunyan Li; Huijun Chen; Yuan Qiao; Di Lei; Chen Wang; Guoping Xiong; Fengyi Xiao; Wencong He; Qiumei Pang; Xiaoling Hu; Suqing Wang; Dunjin Chen; Yuanzhen Zhang; Lina C. Poon; Huixia Yang
The clinical characteristics and pregnancy outcomes in 116 pregnant coronavirus disease 2019 cases in China were reported, and coronavirus disease 2019 during pregnancy is not associated with an increased risk of spontaneous abortion and spontaneous preterm birth.

113 Study To Reduce Infection Prior to Elective Cesarean Deliveries (STRIPES): a randomized clinical trial of chlorhexidine

Joanne Stone; Angela Bianco; Johanna Monro; Jessica R. Overbey;



Julie Cadet; Katie Hyewon Choi; Juan Pena; Brittany N. Robles; Maria T. Mella; Kathy C. Matthews; Stephanie H. Factor

A randomized trial of chlorhexidine gluconate cloths did not reduce surgical site infections compared with placebo at elective cesarean deliveries.

114 Antibiotic administration reduces the rate of intraamniotic inflammation in preterm prelabor rupture of the membranes

Marian Kacerovsky; Roberto Romero; Martin Stepan; Jaroslav Stranik; Jan Maly; Lenka Pliskova; Radka Bolehovska; Vladimir Palicka; Helena Zemlickova; Helena Hornychova; Jiri Spacek; Bo Jacobsson; Percy Pacora; Ivana Musilova

Intravenous therapy with clarithromycin was associated with a reduction of the intensity of intraamniotic inflammatory response and the microbial load of *Ureaplasma* spp DNA in amniotic fluid.

117 Perioperative prophylactic internal iliac artery balloon occlusion in the prevention of postpartum hemorrhage in placenta previa: a randomized controlled trial

Simon Chun Ho Yu; Yvonne Kwun Yue Cheng; Wing Ting Tse; Daljit Singh Sahota; Man Yan Chung; Simon Sin Man Wong; Oi Ka Chan; Tak Yeung Leung

Perioperative prophylactic internal iliac artery balloon occlusion does not reduce postpartum hemorrhage in placenta previa in a randomized controlled trial.

119 Suppression of compensatory erythropoiesis in hemolytic disease of the fetus and newborn due to intrauterine transfusions

Isabelle M. C. Ree; Enrico Lopriore; Carolien Zwiers; Stefan Böhringer; Marleen W. M. Janssen; Dick Oepkes; Masja De Haas

Treatment with intrauterine transfusions causes an exponential suppression of the compensatory erythropoiesis in hemolytic disease of the fetus and newborn.

121 Quality of periconceptional dietary intake and maternal and neonatal outcomes

Lynn M. Yee; Robert M. Silver; David M. Haas; Samuel Parry; Brian M. Mercer; Jay Iams; Deborah Wing; Corette B. Parker; Uma M. Reddy; Ronald J. Wapner; William A. Grobman

Poor periconceptional dietary quality, common among US women, is associated with adverse maternal and neonatal outcomes, even after controlling for potential comorbidities.

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Elliott K. Main; Shen-Chih Chang; Ravi Dhurjati; Valerie Cape; Jochen Profit; Jeffrey B. Gould
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Carmen M. Avram; Karen S. Greiner; Ellen Tilden; Aaron B. Caughey

SOCIETY FOR MATERNAL-FETAL MEDICINE

B2 SMFM special statement: Who's who in patient safety and quality for maternal healthcare in the United States

C. Andrew Combs; Christina Davidson; Brett D. Einerson; Kelly S. Gibson; Afshan B. Hameed; Lorraine Toner; On behalf of the Patient Safety and Quality Committee, Society for Maternal-Fetal Medicine

A summary of the missions, visions, major programs, and interrelationships of organizations in the United States and worldwide that focus on improving maternal healthcare quality and patient safety.

B16 SMFM Statement: Use of 17-alpha hydroxyprogesterone caproate for prevention of recurrent preterm birth

Society for Maternal-Fetal Medicine (SMFM) Publications Committee

The Society for Maternal-Fetal Medicine discusses results of The Progestin's Role in Optimizing Neonatal Gestation (PROLONG) trial and offers suggestions regarding the use of 17-alpha hydroxyprogesterone caproate in the management of women at risk of spontaneous preterm birth in light of these new findings.

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CONFLICTS OF INTEREST

American Journal of Public Health: 110(S2), pp. S172–S172

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Aligning Public Health Infrastructure and Medicaid to Fight COVID-19

Government, Health Financing, Health Policy, Epidemiology

Rebekah Gee

American Journal of Public Health: 110(S2), pp. S173–S173

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Aligning Systems for Health

Health Financing, Public Health Practice, Health Policy, Health Promotion, Health Service Delivery

Nabarun Dasgupta

American Journal of Public Health: 110(S2), pp. S174–S175

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Aligning Health and Social Systems to Promote Population Health, Well-Being, and Equity

Health Care Facilities/Services, Health Financing, Social Science, Public Health Practice, Community Health

Oktawia Wojcik, Carolyn E. Miller and Alonzo L. Plough

American Journal of Public Health: 110(S2), pp. S176–S177

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THEORY OF CHANGE

A Theory of Change for Aligning Health Care, Public Health, and Social Services in the Time of COVID-19

Public Health Practice, Health Policy, Health Reform, Health Service Delivery

Glenn M. Landers, Karen J. Minyard, Daniel Lanford and Hilary Heishman

American Journal of Public Health: 110(S2), pp. S178–S180

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Supplement 2 2020

Testing New Ways of Connecting the Nation's Fragmented Medical, Social, and Public Health Systems

Multisectoral collaborations linking medical, public health, and social services are integral to addressing social determinants of health. However, finding practical ways to implement these services system wide has proved challenging. This supplement aims to bridge that gap.

External funding for this supplement was provided by the Robert Wood Johnson Foundation through grants awarded to the University of Colorado and University of Kentucky for the Systems for Action research program.

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Aligning US Spending Priorities Using the Health Impact Pyramid Lens

Government, Health Financing, Health Policy, Community Health, Health Promotion, Health Reform

J. Mac McCullough, Jonathon P. Leider, Beth Resnick and David Bishai

American Journal of Public Health: 110(S2), pp. S181–S185

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Prevention, Health Promotion, and Social Work: Aligning Health and Human Service Systems Through a Workforce for Health

Prevention, Social Science, Health Policy, Health Professionals, Health Promotion, Health Service Delivery

Abigail M. Ross and Lisa de Saxe Zerden

American Journal of Public Health: 110(S2), pp. S186–S190

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A Cross-Cutting Workforce Solution for Implementing Community-Clinical Linkage Models

Other Health Service Delivery, Public Health Practice, Public Health Workers, Health Professionals, Community Health, Health Promotion, Health Service Delivery

Nadia Islam, Erin S. Rogers, Antoinette Schoenthaler, Lorna E. Thorpe and Donna Shelley

American Journal of Public Health: 110(S2), pp. S191–S193

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Inaccuracy of Official Estimates of Public Health Spending in the United States, 2000–2018

Government, Health Administration, Health Financing, Other Health Financing, Public Health Practice

Jonathon P. Leider, Beth Resnick, J. Mac McCullough, Y. Natalia Alfonso and David Bishai

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Integration of Health and Social Services at the Systems Level: A Framework for Addressing Funding and Jurisdictional Silos

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J. Mac McCullough, Jonathon P. Leider and Megan A. Phillips

American Journal of Public Health: 110(S2), pp. S197–S203

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The Growing Divide in the Composition of Public Health Delivery Systems in US Rural and Urban Communities, 2014–2018

Rural Health, Urban Health, Public Health Practice, Community Health, Health Service Delivery

Kelsey M. Owsley, Mika K. Hamer and Glen P. Mays

American Journal of Public Health: 110(S2), pp. S204–S210

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Social Needs Screening and Referral Program at a Large US Public Hospital System, 2017

Health Care Facilities/Services, Screening, Socioeconomic Factors, Community Health

Carolyn Berry, Margaret Paul, Rachel Massar, Roopa Kalyanaraman Marcello and Marian Krauskopf

American Journal of Public Health: 110(S2), pp. S211–S214

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Elizabeth A. Howell, Amy Balbierz, Susan Beane, Rashi Kumar, Tom Wang, Kezhen Fei, Zainab Ahmed and José A. Pagán

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Universal Screening of Social Determinants of Health at a Large US Academic Medical Center, 2018

Other Health Service Delivery, Health Care Facilities/Services, Environment, Screening, Housing and Health, Public Health Practice, Community Health, Health Service Delivery

Dodi Meyer, Eva Lerner, Alex Phillips and Katarina Zumwalt

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Respiratory Health, Asthma, Environment, Housing and Health, Public Health Practice, Socioeconomic Factors, Statistics/Evaluation/Research, Community Health, Other Statistics/Evaluation/Research

Amy A. Laurent, Alastair Matheson, Katie Escudero and Andria Lazaga

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Associations Between Cross-Sector Partnerships and Local Health Department Participation in Population-Based Activities to Prevent Mental Health Conditions

Mental Health, Public Health Practice, Health Promotion

Katherine L. Nelson

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Public Health Systems and Social Services: Breadth and Depth of Cross-Sector Collaboration

Public Health Practice, Socioeconomic Factors, Community Health

Mika K. Hamer and Glen P. Mays

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SYSTEM DESIGN

Accountable Communities of Health, Health and Social Service Systems Alignment, and Population Health: Eastern Washington State, 2017–2019

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Stephanie Bultema, Hadley Morrow and Stacy Wenzl

American Journal of Public Health: 110(S2), pp. S235–S241
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Unmet Social Needs and No-Show Visits in Primary Care in a US Northeastern Urban Health System, 2018–2019

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Kevin P. Fiori, Caroline G. Heller, Colin D. Rehm, Amanda Parsons, Anna Flattau, Sandra Braganza, Kelly Lue, Molly Lauria and Andrew Racine

American Journal of Public Health: 110(S2), pp. S242–S250
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Unmet Social Needs and Adherence to Pediatric Weight Management Interventions: Massachusetts, 2017–2019

Child and Adolescent Health, Socioeconomic Factors, Other Child and Adolescent Health

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American Journal of Public Health: 110(S2), pp. S251–S257
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Association Between Treatment With Apixaban, Dabigatran, Rivaroxaban, or Warfarin and Risk for Osteoporotic Fractures Among Patients With Atrial Fibrillation. A Population-Based Cohort Study 1

W.C.Y. Lau, C. Cheung, K.K.C. Man, E.W. Chan, C.W. Sing, G.Y.H. Lip, C. Siu, J.K.Y. Lam, A.C.H. Lee, and I.C.K. Wong
A meta-analysis of adverse events reported in randomized controlled trials of direct oral anticoagulants (DOACs) found fewer reports of osteoporotic fracture among users of DOACs compared with users of warfarin. This analysis of the territory-wide health care database of the Hong Kong Hospital Authority compared the risk for osteoporotic fracture between individual DOACs and warfarin.

The Unrecognized Prevalence of Primary Aldosteronism. A Cross-sectional Study 10

J.M. Brown, M. Siddiqui, D.A. Calhoun, R.M. Carey, P.N. Hopkins, G.H. Williams, and A. Vaidya
Primary aldosteronism has traditionally been perceived as a rare cause of hypertension, but recent evidence suggests that its prevalence may be higher than previously believed. This study used gold-standard diagnostic approaches to characterize abnormal renin-independent aldosterone production and biochemically overt primary aldosteronism among patients across a continuum of blood pressures.

Locally Informed Simulation to Predict Hospital Capacity Needs During the COVID-19 Pandemic 21

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The COVID-19 pandemic challenges hospital leaders to make timely, critical decisions about clinical operations and allocation of resources. This discrete-time epidemic simulation using a SIR (susceptible, infected, removed) model estimates the timing of surges in clinical demand and the best- and worst-case scenarios of local COVID-19–induced strain on hospital capacity.

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Screening for Anxiety in Adolescent and Adult Women. A Systematic Review for the Women's Preventive Services Initiative 29

H.D. Nelson, A. Cantor, M. Pappas, and C. Weeks
This systematic review of 171 studies of screening methods and 8 systematic reviews (372 trials) of treatments underpins

recommendations from the Women's Preventive Services Initiative about screening for anxiety in adolescent girls and adult women. The review evaluates evidence about the effectiveness of screening, accuracy of screening instruments, and benefits and harms of treatments.

CME/MOC quiz available at [Annals.org](https://www.annals.org)

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W.C. Becker and D.A. Fiellin
COVID-19 could cause infection in persons with opioid use disorder, increase opioid overdose rates, reverse

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This article was retracted on 2 June 2020. The Notice of Retraction is in this issue.

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The current colorectal cancer (CRC) screening guidelines recommend colonoscopy every 10 years for an average-risk population. However, this recommendation is based on limited, indirect evidence. This study aimed to quantify the long-term risk for CRC incidence and mortality after a single negative result on screening colonoscopy. It also evaluated the associations between the quality of the baseline colonoscopy and the subsequent risk for CRC incidence and mortality.

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The evolving COVID-19 outbreak requires social distancing and other measures to protect public health. However, messaging has been inconsistent and unclear. This study surveyed 630 adults living with 1 or more chronic conditions who were participants in other research studies in the greater Chicago area and reported on COVID-19 awareness, knowledge, attitudes, and related behaviors among them.

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Clinicians must have access to the best available evidence to inform point-of-care decisions about the use of chloroquine and hydroxychloroquine, with or without azithromycin, in patients with COVID-19. This article provides advice from the American College of Physicians for clinicians and will be updated as new evidence becomes available.

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Photo courtesy of the Penn Center for Community Health Workers

Before COVID-19: Philadelphia's IMPaCT community health workers, such as Orson Brown (right) visited patients, including Walter Briggs (left), in their homes. Most visits take place virtually now, but workers continue to help patients navigate the same challenges. See Leading To Health, page 1112.

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JAMA. 2020;324(1):e200027. doi:10.1001/jama.2020.0027



Audio Editors' Summary: Probiotics for Care Home Residents, Noninvasive Ventilation and Mortality, Review of Systemic Amyloidosis, and more

Original Investigation

Effect of Probiotic Use on Antibiotic Administration Among Care Home Residents: A Randomized Clinical Trial

Christopher C. Butler, MD; Mandy Lau, BSc; David Gillespie, PhD; et al.

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CME JAMA. 2020;324(1):47-56. doi:10.1001/jama.2020.8556

This randomized clinical trial compares the effects of daily combination probiotics (*Lactobacillus* and *Bifidobacterium* spp) vs placebo on cumulative antibiotic use for all-cause infections over 1 year among care home residents in Wales.

Caring for the Critically Ill Patient

Association of Noninvasive Oxygenation Strategies With All-Cause Mortality in Adults With Acute Hypoxemic Respiratory Failure: A Systematic Review and Meta-analysis

Bruno L. Ferreyro, MD; Federico Angriman, MD, MPH; Laveena Munshi, MD, MSc; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(1):57-67. doi:10.1001/jama.2020.9524

This network meta-analysis of randomized trials estimates association of use of noninvasive ventilation (high-flow nasal oxygen; face mask or helmet noninvasive ventilation) vs standard oxygen therapy with mortality and endotracheal intubation among adults with acute hypoxemic respiratory failure.

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Alternatives to Invasive Ventilation in the COVID-19 Pandemic

Bhakti K. Patel, MD; John P. Kress, MD; Jesse B. Hall, MD

Association of Statin Use With All-Cause and Cardiovascular Mortality in US Veterans 75 Years and Older

Ariela R. Orkaby, MD, MPH; Jane A. Driver, MD, MPH; Yuk-Lam Ho, MPH; et al.

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 CME JAMA. 2020;324(1):68-78. doi:10.1001/jama.2020.7848

This retrospective cohort study uses Veterans Health Administration data on adults free of atherosclerotic cardiovascular disease (ASCVD) to evaluate the association between new statin use and all-cause and cardiovascular mortality, and a composite of ASCVD events (myocardial infarction, ischemic stroke, and revascularization with CABG surgery or PCI), in veterans 75 years and older.

Editorial

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Research Letter

Psychological Distress and Loneliness Reported by US Adults in 2018 and April 2020

Emma E. McGinty, PhD; Rachel Presskreischer, MS; Hahrie Han, PhD; et al.

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(1):93-94. doi:10.1001/jama.2020.9740

This study used national survey data to compare the prevalence symptoms of psychological distress and loneliness among US adults during the coronavirus disease 2019 (COVID-19) pandemic in April 2020 vs those reported in the National Health Interview Survey in 2018.

Correlation Between N95 Extended Use and Reuse and Fit Failure in an Emergency Department

Nida F. Degesys, MD; Ralph C. Wang, MD, MAS; Elizabeth Kwan, MD; et al.

[Abstract](#) | [Full Text](#)

FREE   JAMA. 2020;324(1):94-96. doi:10.1001/jama.2020.9843

This cross-sectional study examines prevalence of fit test failure of 2 types of N95 mask (dome-shaped and duckbill) during extended use or reuse among health care workers over 2 days in April 2020 in the UCSF emergency department.



Audio Clinical Review: Coronavirus (COVID-19) Update: Reusing Face Masks and N95 Respirators

Admissions to Veterans Affairs Hospitals for Emergency Conditions During the COVID-19 Pandemic

Aaron Baum, PhD; Mark D. Schwartz, MD

[Abstract](#) | [Full Text](#)

FREE  CME *JAMA.* 2020;324(1):96-99. doi:10.1001/jama.2020.9972

To assess the effect of COVID-19 on health care, this study compares admissions data from the Veterans Affairs system for overall admissions and for 6 common emergencies immediately before and for 6 weeks during the pandemic.

Divergence in Timing and Magnitude of Testosterone Levels Between Male and Female Youths

Jonathon W. Senefeld, PhD; Doriane Lambelet Coleman, JD; Patrick W. Johnson; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):99-101. doi:10.1001/jama.2020.5655

This study uses national survey data to describe testosterone levels by age in youths aged 6 to 20 years and the onset and magnitude of divergence in levels between boys and girls.

Viewpoint

COVID-19: Beyond Tomorrow

Outpatient Treatment at Home for Medicare Beneficiaries During and After the COVID-19 Pandemic

Justin E. Bekelman, MD; Ezekiel J. Emanuel, MD; Amol S. Navathe, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):21-22. doi:10.1001/jama.2020.9017

This Viewpoint explains CMS' April 2020 policy waiver permitting relocation of outpatient services to home settings and reimbursing those services at higher rates, and it proposes ways CMS can accelerate innovation around the policy change to incentivize sustained better health care outcomes and lower costs.

COVID-19: Beyond Tomorrow

Nursing Home Care in Crisis in the Wake of COVID-19

David C. Grabowski, PhD; Vincent Mor, PhD

This Viewpoint discusses the long-standing deficiencies in nursing home financing and organization made worse by the spread of coronavirus disease 2019 (COVID-19), and proposes ways to improve testing and personal protective equipment availability, and payment reforms to incentivize quality care for residents and decrease emergency department and hospital use.

The Importance of Long-term Care Populations in Models of COVID-19

Karl Pillemer, PhD; Lakshminarayanan Subramanian, PhD; Nathaniel Hupert, MD, MPH

[Abstract](#) | [Full Text](#)

 CME JAMA. 2020;324(1):25-26. doi:10.1001/jama.2020.9540

This Viewpoint discusses the importance of distinguishing rates and patterns of disease in long-term care vs general populations when developing mathematical models to predict the future spread of COVID-19 infection.

The Importance of Proper Death Certification During the COVID-19 Pandemic

James R. Gill, MD; Maura E. DeJoseph, DO

[Abstract](#) | [Full Text](#)

 CME JAMA. 2020;324(1):27-28. doi:10.1001/jama.2020.9536

This Viewpoint emphasizes the importance of accurate, detailed documentation of cause of death, underlying medical disease, and contributing comorbidities to allow public health agencies to track and manage the coronavirus disease 2019 (COVID-19) pandemic based on timely and accurate classifications.

Potential Implications of COVID-19 for the 2020-2021 Residency Application Cycle

Maya M. Hammoud, MD, MBA; Taylor Standiford, BS; J. Bryan Carmody, MD, MPH

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(1):29-30. doi:10.1001/jama.2020.8911

This Viewpoint proposes ways to reform the residency application process, given stresses likely to be placed on applicants and programs from the ongoing COVID-19 pandemic, including limiting the number of applications, making more program information available online, and capping the number of interviews applicants can accept.

Editorial

A Bold Response to the COVID-19 Pandemic: Medical Students, National Service, and Public Health

Howard Bauchner, MD; Joshua Sharfstein, MD

Ensuring Access to Medications in the US During the COVID-19 Pandemic

G. Caleb Alexander, MD, MS; Dima M. Qato, PharmD, MPH, PhD

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(1):31-32. doi:10.1001/jama.2020.6016

This Viewpoint proposes strategies to ensure adequate supply and distribution of medication in the US during and beyond the coronavirus pandemic, including development and funding of a national essential medicines supply, allocation strategies to prevent stockpiling, and funding of home delivery services to ensure adequate access for lower income and underserved populations.

Conducting Clinical Research During the COVID-19 Pandemic: Protecting Scientific Integrity

Thomas R. Fleming, PhD; Dominic Labriola, PhD; Janet Wittes, PhD

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(1):33-34. doi:10.1001/jama.2020.9286

This Viewpoint discusses procedures to ensure the safety of RCT participants without sacrificing the validity of trials conducted during the COVID-19 pandemic, including home-based test drug administration and outcome measurement, prespecifying stopping rules for pandemic-related interruptions, and stratifying analyses by pandemic-imposed differences in study conduct.

Editorial

Randomized Clinical Trials and COVID-19: Managing Expectations

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

Editorial Evaluation and Peer Review During a Pandemic: How Journals Maintain Standards

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Robert M. Golub, MD

Hospice Carve-In—Aligning Benefits With Patient and Family Needs

William H. Shrank, MD, MSHS; Kristin Russell, MD, MBA; Ezekiel J. Emanuel, MD, PhD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(1):35-36. doi:10.1001/jama.2020.8459

This Viewpoint describes the hospice benefit that CMS plans to test in 2021 to support the end-of-life needs and preferences of Medicare Advantage beneficiaries, their families, and their caregivers.



Audio Author Interview: Hospice Carve-In—Aligning Benefits With Patient and Family Needs

Integrating Responses to the Opioid Use Disorder and Infectious Disease Epidemics: A Report From the National Academies of Sciences, Engineering, and Medicine

Sandra A. Springer, MD; Andrew P. Merluzzi, PhD, MPA; Carlos del Rio, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):37-38. doi:10.1001/jama.2020.2559

In the context of an increase in infectious diseases occurring in association with the US epidemic of opioid use disorder (OUD), this Viewpoint summarizes recommendations from a recent National Academies of Sciences, Engineering, and Medicine (NASEM) committee report intended to facilitate and integrate public health responses to both.

Treating Patients With Opioid Use Disorder in Their Homes: An Emerging Treatment Model

Lori Uscher-Pines, PhD; Haiden A. Huskamp, PhD; Ateev Mehrotra, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):39-40. doi:10.1001/jama.2020.3940

This Viewpoint discusses the emergence of telehealth as a model for providing medication-assisted treatment (MAT) for opioid use disorder (OUD), and the advantages and disadvantages of the approach for underserved patient populations.

A Piece of My Mind

A Healing Handicraft

Lealani Mae Y. Acosta, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):41-42. doi:10.1001/jama.2020.10239

In this narrative medicine essay, a neurologist recounts the importance of handicraft to the sense of purpose of a patient with worsening dementia and finds similarities between the activity of knitting and the craft of practicing medicine.

Editorial

Alternatives to Invasive Ventilation in the COVID-19 Pandemic

Bhakti K. Patel, MD; John P. Kress, MD; Jesse B. Hall, MD

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(1):43-44. doi:10.1001/jama.2020.9611

Statins for Primary Prevention in the Elderly: The Importance of Rigorous Evidence

Stephen J. Nicholls, MBBS, PhD; Adam J. Nelson, MBBS, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):45-46. doi:10.1001/jama.2020.8390

Review

Systemic Amyloidosis Recognition, Prognosis, and Therapy: A Systematic Review

Morie A. Gertz, MD; Angela Dispenzieri, MD

[Abstract](#) | [Full Text](#)

 CME  JAMA. 2020;324(1):79-89. doi:10.1001/jama.2020.5493

This systematic review summarizes the characteristic presentations, diagnosis, and management of immunoglobulin light chain (AL) and amyloid transthyretin (ATTR) amyloidosis.



Audio Clinical Review: Diagnosis and Management of Amyloidosis

JAMA Insights

Distal Symmetric Polyneuropathy in 2020

Brian C. Callaghan, MD, MS; Ray S. Price, MD; Eva L. Feldman, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):90-91. doi:10.1001/jama.2020.0700

This JAMA Insights Clinical Update reviews the diagnosis and management of distal symmetric neuropathy, including control of risk factors (eg, high glucose in type 1 diabetes, weight loss) and use of nonpharmacologic and pharmacologic therapies (eg, SNRIs, tricyclic antidepressants, gabapentinoids).

Medical News & Perspectives

Challenge Trials—Could Deliberate Coronavirus Exposure Hasten Vaccine Development?

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

   JAMA. 2020;324(1):12-14. doi:10.1001/jama.2020.9881

This Medical News feature discusses the debate over human challenge trials to test the safety and efficacy of coronavirus disease 2019 (COVID-19) vaccine candidates.



Audio: June 2020 Medical News Summary

News From the Food and Drug Administration

Relief From Heavy Bleeding Due to Uterine Fibroids

Rebecca Voelker, MSJ

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):19. doi:10.1001/jama.2020.11456

New Diagnostic Agent Detects Tau Pathology in the Brain

Rebecca Voelker, MSJ

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):19. doi:10.1001/jama.2020.11003

Expanded Indication for Triple-Drug Antibiotic

Rebecca Voelker, MSJ

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):19. doi:10.1001/jama.2020.11457

The JAMA Forum

Avoiding a Health Care Financial Meltdown

Andrew Bindman, MD

[Abstract](#) | [Full Text](#)

Bench to Bedside

Insulin Given With DPP4 Inhibitors Might Protect Blood Vessels in Patients With Diabetes

Tracy Hampton, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):15-16. doi:10.1001/jama.2020.10110

The Arts and Medicine

The Cigarette: A Political History—The Past, Present, and Future of US Tobacco

Robert N. Proctor, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):10-11. doi:10.1001/jama.2020.8237

This Arts and Medicine feature reviews a newly published political history of the US tobacco industry, emphasizing the continuing importance of cigarette smoking to illness and death at a time when the novel coronavirus 2019 (COVID-19) pandemic is perceived as the country's greatest health threat.

Poetry and Medicine

An Apparition in Vilnius

Jack Coulehan

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):105. doi:10.1001/jama.2020.3262

JAMA Revisited

Anatomy of the Soul

[Abstract](#) | [Full Text](#)

JAMA Patient Page

Carotid Artery Endarterectomy

Ioana Baiu, MD, MPH; Jordan R. Stern, MD

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(1):110. doi:10.1001/jama.2020.2104

This JAMA Patient Page describes the carotid artery endarterectomy procedure and its benefits and risks as a treatment for carotid artery stenosis.

Comment & Response

Stress Ulcer Prophylaxis for ICU Patients

Aylin Tansel, MD, MPH; David Y. Graham, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):101. doi:10.1001/jama.2020.6765

Stress Ulcer Prophylaxis for ICU Patients

Lawrence Siu-Chun Law, MD; Elaine Ah-Gi Lo, PharmD, BCPS, BCGP; Siang Fei Yeoh, BSc, MCLinPharm, BCPS

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):101-102. doi:10.1001/jama.2020.6759

Stress Ulcer Prophylaxis for ICU Patients

Crisanto M. Torres, MD; Sergio B. Navarrete, DO

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):102. doi:10.1001/jama.2020.6762

Stress Ulcer Prophylaxis for ICU Patients—Reply

Paul J. Young, PhD; for the PEPTIC Investigators

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(1):102-103. doi:10.1001/jama.2020.6768

Correction

Incomplete Disclosures

[Abstract](#) | [Full Text](#)

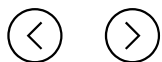
FREE JAMA. 2020;324(1):103. doi:10.1001/jama.2020.10205

JAMA Masthead

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[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(1):7-8. doi:10.1001/jama.2019.13503



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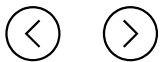
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July 14; 324 (2): 121-206



July 14, 2020, Vol 324, No. 2, Pages 121-206

In This Issue of JAMA

Audio Highlights

[Abstract](#) | [Full Text](#)

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JAMA. 2020;324(2):e200028. doi:10.1001/jama.2020.0028



Audio Editors' Summary: ACEI/ARBS and COVID19, Radial Artery Grafting vs SVG in CABG, DHEA for BPD Prevention in Preterm Infants, and more

Original Investigation

Effect of Maternal Docosahexaenoic Acid Supplementation on Bronchopulmonary Dysplasia-Free Survival in Breastfed Preterm Infants: A Randomized Clinical Trial

Isabelle Marc, MD, PhD; Bruno Piedboeuf, MD; Thierry Lacaze-Masmonteil, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

This randomized clinical trial compares the effects of maternal docosahexaenoic acid supplementation from childbirth through 36 weeks' postmenstrual age vs placebo on bronchopulmonary dysplasia-free survival in breastfed infants born before 29 weeks of gestation.

Association of Angiotensin-Converting Enzyme Inhibitor or Angiotensin Receptor Blocker Use With COVID-19 Diagnosis and Mortality

Emil L. Fosbøl, MD, PhD; Jawad H. Butt, MD; Lauge Østergaard, MD; et al.

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(2):168-177. doi:10.1001/jama.2020.11301

This cohort study uses Danish registry data to estimate the association between a prescription for angiotensin-converting enzyme inhibitors (ACEIs) or angiotensin receptor blockers (ARBs) in the 6 months prior to a coronavirus disease 2019 (COVID-19) diagnosis and mortality among all patients and those with hypertension.

Editor's Note

Renin-Angiotensin-Aldosterone Inhibitors and Susceptibility to and Severity of COVID-19

Gregory Curfman, MD

Association of Radial Artery Graft vs Saphenous Vein Graft With Long-term Cardiovascular Outcomes Among Patients Undergoing Coronary Artery Bypass Grafting: A Systematic Review and Meta-analysis

Mario Gaudino, MD; Umberto Benedetto, MD; Stephen Femes, MD; et al.

[Abstract](#) | [Full Text](#)

 CME JAMA. 2020;324(2):179-187. doi:10.1001/jama.2020.8228

This meta-analysis uses individual participant data from clinical trials to estimate associations between radial artery vs saphenous vein grafting techniques and cardiovascular outcomes at 10

years among patients undergoing coronary artery bypass grafting (CABG).

Editorial

Coronary Revascularization Strategies: Making Sense of Sparse, Limited-Quality Data

Steven E. Nissen, MD; Faisal G. Bakaeen, MD

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Research Letter

Hospital-Wide SARS-CoV-2 Antibody Screening in 3056 Staff in a Tertiary Center in Belgium

Deborah Steensels, PharmD, PhD; Els Oris, MD; Laura Coninx, MSc, PhD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(2):195-197. doi:10.1001/jama.2020.11160

This study characterizes the prevalence of antibodies against severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) among hospital staff of a Belgian tertiary care center tested over 1 week in April 2020, and risk factors for seropositivity.

Changes in Hospital-Based Obstetric Services in Rural US Counties, 2014-2018

Katy B. Kozhimannil, PhD, MPA; Julia D. Interrante, MPH; Mariana K. S. Tuttle, MPH; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):197-199. doi:10.1001/jama.2020.5662

This study describes hospital-based obstetric service losses in rural US counties between 2014 and 2018 overall and by county population and urban adjacency.

Viewpoint

Monoclonal Antibodies for Prevention and Treatment of COVID-19

[Abstract](#) | [Full Text](#)

  JAMA. 2020;324(2):131-132. doi:10.1001/jama.2020.10245

This Viewpoint discusses the potential role of neutralizing monoclonal antibodies (MAbs) as a treatment for coronavirus disease 2019 (COVID-19) and as a means of prevention in high-risk populations, and it also raises possible limitations of the approach that need to be disproven or addressed for the strategy to be effective.

COVID-19: Beyond Tomorrow

The Urgency and Challenge of Opening K-12 Schools in the Fall of 2020

Joshua M. Sharfstein, MD; Christopher C. Morpew, PhD

[Abstract](#) | [Full Text](#)

  CME   JAMA. 2020;324(2):133-134. doi:10.1001/jama.2020.10175

This Viewpoint proposes a policy framework for reopening of US primary, middle, and high schools (kindergarten through 12th grade) in fall 2020, including ramping up community public health responses in the summer, symptom screening of students, and privileging return-to-school decisions for younger children and others at risk for education disparities.



Audio Author Interview: Coronavirus Q&A: Opening School in the Fall



Conversations with Dr Bauchner: The Next COVID-19 Phase

COVID-19: Beyond Tomorrow

Medicaid and COVID-19: At the Center of Both Health and Economic Crises

Heidi L. Allen, PhD, MSW; Benjamin D. Sommers, MD, PhD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(2):135-136. doi:10.1001/jama.2020.10553

This Viewpoint discusses the financial pressures placed on US state budgets from the likely growth of Medicaid rolls during the COVID-19 pandemic, and proposes financing and policy adjustments to

assist states in providing lifeline health care to low-income individuals during the crisis.

COVID-19: Beyond Tomorrow

Sustaining Rural Hospitals After COVID-19: The Case for Global Budgets

Jonathan E. Fried, MD, MPP; David T. Liebers, MD, MPP, MPhil; Eric T. Roberts, PhD

[Abstract](#) | [Full Text](#)

 CME JAMA. 2020;324(2):137-138. doi:10.1001/jama.2020.9744

This Viewpoint proposes that global budgets, or fixed payments for care of a population over a specific time, are well suited to address the financial instability wrought by the COVID-19 pandemic on rural hospitals, removing the link between volume and revenue and allowing them to adapt to community needs.

Making Decisions in a COVID-19 World

Baruch Fischhoff, PhD

[Abstract](#) | [Full Text](#)

  CME JAMA. 2020;324(2):139-140. doi:10.1001/jama.2020.10178

This Viewpoint acknowledges the urgent need for answers to coronavirus-related public health questions such as individuals' risk for coronavirus disease 2019 (COVID-19) exposure and disease if workplaces, schools, and businesses reopen, and emphasizes the need to translate cross-disciplinary science into usable form for policy decision makers, risk analysts, and the public.

Editorial

Thinking of Risk in the Era of COVID-19

Howard Bauchner, MD; Phil Fontanarosa, MD, MBA

Airborne Spread of SARS-CoV-2 and a Potential Role for Air Disinfection

Edward A. Nardell, MD; Ruvandhi R. Nathavitharana, MD, MPH

[Abstract](#) | [Full Text](#)



In the context of potential aerosol spread of SARS-CoV-2 infection, this Viewpoint argues for use of upper-room germicidal UV (GUV) fixtures as a means to disinfect circulating air and prevent spread of COVID-19 and other infections in health care settings.



Conversations with Dr Bauchner: Coronavirus Update - July 2020

Shortcomings in the US Pharmaceutical Supply Chain: Potential Risks Associated With International Manufacturing and Trade-Related Tariffs

Richard L. Oehler, MD; Sandra G. Gompf, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):143-144. doi:10.1001/jama.2020.1634

This Viewpoint discusses vulnerabilities in the US drug supply chain given a shift in manufacturing of pharmaceutical ingredients to other countries and calls for a system to identify high-value medications, forecast supplies and shortages, and incentivize domestic production.

Regulating Medicines in a Globalized World With Increased Recognition and Reliance Among Regulators: A National Academies Report

Lawrence O. Gostin, JD; Alastair J. Wood, MD; Patricia A. Cuff, MS, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):145-146. doi:10.1001/jama.2019.21793

This Viewpoint summarizes recommendations from a 2020 National Academies of Sciences, Engineering, and Medicine (NASEM) committee report on ways to improve regulatory oversight of drugs in an era of global pharmaceutical research and development.

Sustainability, Business, and Health

George Serafeim, DBA; Amanda M. Rischbieth, PhD; Howard K. Koh, MD, MPH

[Abstract](#) | [Full Text](#)

This Viewpoint discusses examples of how many private sector businesses have aligned their core missions with civil and human rights and sustainability reforms, and emphasizes the importance of engaging the sector in achieving public health goals and accelerating worldwide recovery from the COVID-19 pandemic.



Audio Author Interview: Sustainability, Business, and Health

A Piece of My Mind

"Are You Wearing Your White Coat?": Telemedicine in the Time of Pandemic

Marcin Chwistek, MD

[Abstract](#) | [Full Text](#)



JAMA. 2020;324(2):149-150. doi:10.1001/jama.2020.10619

In this narrative medicine essay, a palliative medicine physician reflects on what is gained and lost in the turn toward telemedicine during the COVID-19 pandemic from a cornerstone belief that the in-person encounter is an anchoring condition for the patient-physician relationship.

Editorial

Thinking of Risk in the Era of COVID-19

Howard Bauchner, MD; Phil Fontanarosa, MD, MBA

[Abstract](#) | [Full Text](#)



JAMA. 2020;324(2):151-153. doi:10.1001/jama.2020.10242

Coronary Revascularization Strategies: Making Sense of Sparse, Limited-Quality Data

Steven E. Nissen, MD; Faisal G. Bakaeen, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):154-156. doi:10.1001/jama.2020.8548

JAMA Guide to Statistics and Methods

Use of Run-in Periods in Randomized Trials

Xiqian Huo, MD, PhD; Jane Armitage, MBBS

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(2):188-189. doi:10.1001/jama.2020.6463

This JAMA Guide to Statistics and Methods reviews the use of prerandomization run-in periods to improve treatment adherence and reduce loss to follow-up, and explains how they should be interpreted.

JAMA Insights

Caring for Women Who Are Planning a Pregnancy, Pregnant, or Postpartum During the COVID-19 Pandemic

Sonja A. Rasmussen, MD, MS; Denise J. Jamieson, MD, MPH

[Abstract](#) | [Full Text](#)

  JAMA. 2020;324(2):190-191. doi:10.1001/jama.2020.8883

This JAMA Insights Clinical Update discusses what is known about the epidemiology and effects of SARS-CoV-2 infection in pregnancy, and summarizes Centers for Disease Control and Prevention (CDC) and professional organization (AAP and ACOG) recommendations for care of pregnant women with COVID-19.

From The Medical Letter on Drugs and Therapeutics

Peanut Allergen Powder (Palforzia)

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):192-193. doi:10.1001/jama.2020.3599

This Medical Letter review summarizes the dosing, administration, cost, and adverse effects use of peanut allergen powder-dnfp (Palforzia), an oral immunotherapy indicated to mitigate allergic reactions, including anaphylaxis, caused by accidental peanut exposure in patients with a confirmed peanut allergy.

Editor's Note

Renin-Angiotensin-Aldosterone Inhibitors and Susceptibility to and Severity of COVID-19

Gregory Curfman, MD

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):177-178. doi:10.1001/jama.2020.11401

Medical News & Perspectives

"Abandoned" Nursing Homes Continue to Face Critical Supply and Staff Shortages as COVID-19 Toll Has Mounted

Jennifer Abbasi

[Abstract](#) | [Full Text](#)

FREE  JAMA. 2020;324(2):123-125. doi:10.1001/jama.2020.10419

This Medical News article discusses nursing homes' ongoing challenges during the novel coronavirus pandemic.



Audio: June 2020 Medical News Summary

The JAMA Forum

Resilience in Health Care Financing

Karen Murphy, PhD, RN; Ryan Koski-Vacirca, BS; Joshua Sharfstein, MD

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):126-127. doi:10.1001/jama.2020.10417

News From the Centers for Disease Control and Prevention

Norovirus Spread Among Hundreds of 2018 California Fire Evacuees

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):129. doi:10.1001/jama.2020.11551

Connecting Refugees With Follow-up Care for Hepatitis B

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):129. doi:10.1001/jama.2020.10632

Biotech Innovations

Autologous Brain Cell Transplant for Parkinson Disease

Jennifer Abbasi

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):128. doi:10.1001/jama.2020.11581

Researchers Home in on COVID-19 Severity Biomarkers

Jennifer Abbasi

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):128. doi:10.1001/jama.2020.11397

COVID-19 Antibody Trials Have Begun

Jennifer Abbasi

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):128. doi:10.1001/jama.2020.11582

Poetry and Medicine

Morning Report—: To a Poet Who Thinks He Understands

Brenda J. Butka, MD

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(2):202. doi:10.1001/jama.2020.0121

JAMA Revisited

Prohibition and the Medical Profession

Abstract | **Full Text**

FREE JAMA. 2020;324(2):203. doi:10.1001/jama.2019.13521

JAMA Patient Page

What Is Anosmia?

Pauline P. Huynh, BA; Lisa E. Ishii, MD, MHS; Masaru Ishii, MD, PhD

Abstract | **Full Text**

FREE JAMA. 2020;324(2):206. doi:10.1001/jama.2020.10966

This JAMA Patient Page describes the causes, diagnosis, and treatment options for anosmia and olfactory dysfunction.

Comment & Response

Hydroxyethyl Starch vs Saline for Volume Expansion After Abdominal Surgery

Edward J. Mascha, PhD

Abstract | **Full Text**

JAMA. 2020;324(2):199. doi:10.1001/jama.2020.6980

Hydroxyethyl Starch vs Saline for Volume Expansion After Abdominal Surgery

Gregor Markow, MD, MSc

Abstract | **Full Text**

JAMA. 2020;324(2):199. doi:10.1001/jama.2020.6971

Hydroxyethyl Starch vs Saline for Volume Expansion After Abdominal Surgery

Fu-Shan Xue, MD; Shao-Hua Liu, MD; Liu-Jia-Zi Shao, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):199-200. doi:10.1001/jama.2020.6977

Hydroxyethyl Starch vs Saline for Volume Expansion After Abdominal Surgery

Daniel De Backer, MD, PhD; Gregoire Michiels, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(2):200. doi:10.1001/jama.2020.6974

Hydroxyethyl Starch vs Saline for Volume Expansion After Abdominal Surgery—Reply

Emmanuel Futier, MD, PhD; Bruno Pereira, PhD; Samir Jaber, MD, PhD

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JAMA. 2020;324(2):200-201. doi:10.1001/jama.2020.6983

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FREE JAMA. 2020;324(2):121-122. doi:10.1001/jama.2019.13514



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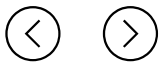
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July 21; 324 (3): 209-310



July 21, 2020, Vol 324, No. 3, Pages 209-310

In This Issue of JAMA

Audio Highlights

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JAMA. 2020;324(3):e200029. doi:10.1001/jama.2020.0029



Audio Editors' Summary: Effect of Levothyroxine on LVEF in Subclinical Hypothyroidism and AMI, Chemoprevention of Breast Cancer, COVID-19 Syndrome in Children, and more

Original Investigation

Effect of Levothyroxine on Left Ventricular Ejection Fraction in Patients With Subclinical Hypothyroidism and Acute Myocardial Infarction: A Randomized Clinical Trial

Avais Jabbar, MD; Lorna Ingoe, BSc; Shahid Junejo, MD; et al.

[Abstract](#) | [Full Text](#)

This randomized trial evaluates the effect of levothyroxine vs placebo on left ventricular ejection fraction (LVEF) in patients with acute myocardial infarction and subclinical hypothyroidism.

Clinical Characteristics of 58 Children With a Pediatric Inflammatory Multisystem Syndrome Temporally Associated With SARS-CoV-2

Elizabeth Whittaker, MD; Alasdair Bamford, MD; Julia Kenny, MD; et al.

[Abstract](#) | [Full Text](#)

  CME JAMA. 2020;324(3):259-269. doi:10.1001/jama.2020.10369

This case series describes the clinical and laboratory characteristics of children hospitalized in England from March to May 2020 who met criteria for pediatric inflammatory multisystem syndrome temporally associated with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (PIMS-TS), and compares syndrome characteristics with historical cases of Kawasaki disease (KD), KD shock syndrome, and toxic shock syndrome (TSS).

Editorial

SARS-CoV-2-Related Inflammatory Multisystem Syndrome in Children: Different or Shared Etiology and Pathophysiology as Kawasaki Disease?

Brian W. McCrindle, MD, MPH; Cedric Manlhiot, PhD

Public Attitudes Regarding Hospitals and Physicians Encouraging Donations From Grateful Patients

Reshma Jaggi, MD, DPhil; Kent A. Griffith, MS, MPH; Joseph A. Carrese, MD, MPH; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):270-278. doi:10.1001/jama.2020.9442

This survey study assesses US public attitudes about practices used by health care institutions to encourage philanthropic donations from grateful patients.

Multisystem Inflammatory Syndrome Related to COVID-19 in Previously Healthy Children and Adolescents in New York City

Eva W. Cheung, MD; Philip Zachariah, MD, MS; Mark Gorelik, MD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(3):294-296. doi:10.1001/jama.2020.10374

This case series describes clinical characteristics, treatment, and outcomes of 17 previously healthy SARS-CoV-2-infected children and adolescents with an inflammatory phenotype overlapping with but distinct from Kawasaki disease and toxic shock syndrome admitted to a New York City hospital in late April and early May 2020.

Editorial

SARS-CoV-2-Related Inflammatory Multisystem Syndrome in Children: Different or Shared Etiology and Pathophysiology as Kawasaki Disease?

Brian W. McCrindle, MD, MPH; Cedric Manlhiot, PhD

Association Between Mode of Delivery Among Pregnant Women With COVID-19 and Maternal and Neonatal Outcomes in Spain

Oscar Martínez-Perez, MD, PhD; Manon Vouga, MD, PhD; Sara Cruz Melguizo, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(3):296-299. doi:10.1001/jama.2020.10125

This cohort study estimates associations between mode of delivery (vaginal vs cesarean delivery) and maternal and neonatal birth outcomes among SARS-CoV-2-infected women giving birth in Spain.

Use of Risk Evaluation and Mitigation Strategies by the US Food and Drug Administration, 2008-2019

Jenny S. Guadamuz, PhD; Dima M. Qato, PharmD, MPH, PhD; G. Caleb Alexander, MD, MS

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):299-301. doi:10.1001/jama.2020.6611

This study uses publicly available FDA.gov data to characterize trends in the US Food and Drug Administration's use of Risk Evaluation and Mitigation Strategy (REMS) programs between 2008 and 2019 and to describe the number and classes of medications included, the strategies deployed, and the risks the program was intended to mitigate.

Viewpoint

The Moral Determinants of Health

Donald M. Berwick, MD, MPP

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(3):225-226. doi:10.1001/jama.2020.11129

In this Viewpoint, Berwick emphasizes that moral commitment to others, expressed through working for universal health coverage, criminal justice, and housing policy reform, climate change intervention, and more, is necessary if society is to meaningfully address adverse social determinants of health and reduce health inequalities.

Editorial

COVID-19 and Health Equity—A New Kind of “Herd Immunity”

David R. Williams, PhD, MPH; Lisa A. Cooper, MD, MPH

2020—A Year That Will Be Remembered

Howard Bauchner, MD

COVID-19 Pandemic, Unemployment, and Civil Unrest: Underlying Deep Racial and Socioeconomic Divides

Sandro Galea, MD, DrPH; Salma M. Abdalla, MBBS, MPH

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(3):227-228. doi:10.1001/jama.2020.11132

This Viewpoint discusses the inequalities underlying the preferential spread of COVID-19 and of economic hardship in lower-income communities of color in the US, and sees the national protests in support of the Black Lives Matter movement as a natural consequence of those inequities and an opportunity to change the systems that create them.

Editorial

COVID-19 and Health Equity—A New Kind of “Herd Immunity”

David R. Williams, PhD, MPH; Lisa A. Cooper, MD, MPH

2020—A Year That Will Be Remembered

Howard Bauchner, MD

Policy Solutions for Reversing the Color-blind Public Health Response to COVID-19 in the US

Marisa K. Dowling, MD, MPP; Robin L. Kelly, PhD, MA

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(3):229-230. doi:10.1001/jama.2020.10531

This Viewpoint reviews proposed legislation to address health disparities the COVID-19 pandemic has exposed and calls for reform and redesign of the US health care system and society to address inequities that affect persons of color and other vulnerable groups.

Editorial

COVID-19 and Health Equity—A New Kind of “Herd Immunity”

David R. Williams, PhD, MPH; Lisa A. Cooper, MD, MPH

COVID-19: Beyond Tomorrow

Responding to the COVID-19 Pandemic: The Need for a Structurally Competent Health Care System

Jonathan M. Metzl, MD, PhD; Aletha Maybank, MD, MPH; Fernando De Maio, PhD

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(3):231-232. doi:10.1001/jama.2020.9289

This Viewpoint highlights the structural drivers of disadvantage and poverty that are antecedents of health inequity in the COVID-19 pandemic and proposes proportionately structural changes to how health and medical education systems operate to advance the health of individuals, communities, and their surrounding environments.

Editorial

COVID-19 and Health Equity—A New Kind of “Herd Immunity”

David R. Williams, PhD, MPH; Lisa A. Cooper, MD, MPH

COVID-19: Beyond Tomorrow

Health Care Policy After the COVID-19 Pandemic

Victor R. Fuchs, PhD

[Abstract](#) | [Full Text](#)



JAMA. 2020;324(3):233-234. doi:10.1001/jama.2020.10777

This Viewpoint discusses the necessity and prospects for health care reform in the wake of the coronavirus disease 2019 (COVID-19) pandemic, reviewing policy options to fund universal coverage, incentivize efficiencies, and reduce political opposition to change.

Validation and Utility Testing of Clinical Prediction Models: Time to Change the Approach

Amin Adibi, MSc; Mohsen Sadatsafavi, PhD, MD; John P. A. Ioannidis, MD, DSc

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):235-236. doi:10.1001/jama.2020.1230

In this Viewpoint, John Ioannidis and colleagues discuss the proliferation of undervaluated or unvalidated clinical prediction models (CPMs) and propose an open-source repository where risk prediction scores could be updated in real time and validated as a means to facilitate identification of best-performing and reduce creation of duplicate or unhelpful models.

Alternative Payment Models—Victims of Their Own Success?

Amol S. Navathe, MD, PhD; Connor W. Boyle, BA; Ezekiel J. Emanuel, MD, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):237-238. doi:10.1001/jama.2020.4133

This Viewpoint examines whether alternative payment models are a success according to the lack of significant findings by individual demonstration projects on the one hand and the plateau of overall health care spending as a share of the gross domestic product (GDP) on the other.

Can Infections Cause Alzheimer Disease?

Anthony L. Komaroff, MD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(3):239-240. doi:10.1001/jama.2020.4085

This Viewpoint considers whether viral infection contributes to Alzheimer disease.



Audio Author Interview: Can Infections Cause Alzheimer Disease?

Identifying the Risks of Unproven Regenerative Medicine Therapies

Peter W. Marks, MD, PhD; Stephen Hahn, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):241-242. doi:10.1001/jama.2020.9375

This Viewpoint discusses safety concerns surrounding unproven and unregulated regenerative medicine products—typically bone marrow, fat, placental, or umbilical cord stem cells proposed as therapies—and offers guidance about how to evaluate if the therapies meet basic Food and Drug Administration requirements for investigational agents.

A Piece of My Mind

Do No Harm

Nitin A. Kapur, MD, MPH

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(3):243-244. doi:10.1001/jama.2020.11241

In this narrative medicine essay, a primary care physician finds little solace in his medical training while caring for his 2 young daughters as a stay-at-home dad.

Editorial

2020—A Year That Will Be Remembered

Howard Bauchner, MD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(3):245. doi:10.1001/jama.2020.11308

SARS-CoV-2-Related Inflammatory Multisystem Syndrome in Children: Different or Shared Etiology and Pathophysiology as Kawasaki Disease?

Brian W. McCrindle, MD, MPH; Cedric Manlhiot, PhD

[Abstract](#) | [Full Text](#)

  JAMA. 2020;324(3):246-248. doi:10.1001/jama.2020.10370

Review

Perioperative Cardiovascular Risk Assessment and Management for Noncardiac Surgery: A Review

Nathaniel R. Smilowitz, MD, MS; Jeffrey S. Berger, MD, MS

[Abstract](#) | [Full Text](#)

  JAMA. 2020;324(3):279-290. doi:10.1001/jama.2020.7840

This narrative review summarizes evidence that addresses commonly asked questions about cardiovascular risk assessment prior to noncardiac surgery, such as the role of preoperative stress testing and medication to reduce surgical risk and the need to discontinue anticoagulants.



Audio Clinical Review: Perioperative Risk Assessment

JAMA Insights

Women's Health

Medications for Primary Prevention of Breast Cancer

Yiwey Shieh, MD, MAS; Jeffrey A. Tice, MD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(3):291-292. doi:10.1001/jama.2020.9246

This JAMA Insights Clinical Update reviews indications for use of medications for primary prevention of breast cancer and the comparative effectiveness and adverse effects of selective estrogen receptor modulators (tamoxifen, raloxifene) and aromatase inhibitors (anastrozole, exemestane) for this purpose.



Audio Clinical Review: Drug Treatment for Primary Prevention of Breast Cancer

Medical News & Perspectives

Latin America and Its Global Partners Toil to Procure Medical Supplies as COVID-19 Pushes the Region to Its Limit

Rita Rubin, MA; Jennifer Abbasi; Rebecca Voelker, MSJ

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JAMA. 2020;324(3):217-219. doi:10.1001/jama.2020.11182

This Medical News article discusses Latin America's critical shortages of medical supplies including personal protective equipment and ventilators during the coronavirus disease 2019 pandemic.



Audio: June 2020 Medical News Summary



Conversations with Dr Bauchner: Coronavirus in Brazil: Report From the Front Lines

Anthony Fauci, MD, on COVID-19 Vaccines, Schools, and Larry Kramer

Jennifer Abbasi

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 JAMA. 2020;324(3):220-222. doi:10.1001/jama.2020.9222

In this Medical News article, Anthony Fauci, MD, the country's top infectious diseases expert, discusses the latest on COVID-19 and memories of a friend from another pandemic.



Audio Author Interview: Coronavirus Q&A With Anthony Fauci, MD



Audio Author Interview: Coronavirus Q&A With Anthony Fauci, MD – July 2, 2020



Conversations with Dr Bauchner: Coronavirus Q&A With Anthony Fauci, MD – August 3, 2020

News From the Food and Drug Administration

HIV Antiviral Expanded for Use in Very Young Children

Mary Chris Jaklevic, MSJ

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Watch Your Medicine: Video Game Therapy for Children With ADHD

Mary Chris Jaklevic, MSJ

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FREE JAMA. 2020;324(3):224. doi:10.1001/jama.2020.11924

Second Drug Okayed for Rare Central Nervous System Disease

Mary Chris Jaklevic, MSJ

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(3):224. doi:10.1001/jama.2020.12061

Global Health

Alarming Antimicrobial Resistance Trends Emerge Globally

Bridget M. Kuehn, MSJ

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Diverse HPV Strains Require Strategic Vaccine Use

Bridget M. Kuehn, MSJ

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FREE JAMA. 2020;324(3):223. doi:10.1001/jama.2020.12058

Reducing Global Traffic Deaths With Seatbelts and Other Technology

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(3):223. doi:10.1001/jama.2020.12059

Poetry and Medicine

Quarantine

Christopher H. Schifeling, MD

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 JAMA. 2020;324(3):306. doi:10.1001/jama.2020.12008

JAMA Revisited

Current Comment

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 JAMA. 2020;324(3):307. doi:10.1001/jama.2019.13532

JAMA Patient Page

Breast Cancer Risk-Reducing Medications

Danielle Graham, MD, MBA; Maggie L. DiNome, MD; Patricia A. Ganz, MD

[Abstract](#) | [Full Text](#)

  JAMA. 2020;324(3):310. doi:10.1001/jama.2020.11784

This JAMA Patient Page describes the indications for use of medications to reduce breast cancer risk and the benefits and risks of the 2 major drug classes, SERMs (tamoxifen, raloxifene) and aromatase inhibitors (anastrozole, exemestane).



Audio Clinical Review: Drug Treatment for Primary Prevention of Breast Cancer

Comment & Response

PTSD Treatments for Veterans

Paula P. Schnurr, PhD; Sonya B. Norman, PhD; Jessica L. Hamblen, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):301. doi:10.1001/jama.2020.7548

PTSD Treatments for Veterans—Reply

Maria M. Steenkamp, PhD; Brett T. Litz, PhD; Charles R. Marmar, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):301-302. doi:10.1001/jama.2020.7554

Intravascular Microaxial Left Ventricular Assist Device vs Intra-aortic Balloon Pump for Cardiogenic Shock

Hanne Berg Ravn, MD, DMSc; Ole Kristian Lerche Helgestad, MD, PhD; Jacob Eifer Møller, MD, DMSc

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):302-303. doi:10.1001/jama.2020.7557

Intravascular Microaxial Left Ventricular Assist Device vs Intra-aortic Balloon Pump for Cardiogenic Shock

John A. Rizzo, PhD; Henry Dove, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):303. doi:10.1001/jama.2020.7551

Intravascular Microaxial Left Ventricular Assist Device vs Intra-aortic Balloon Pump for Cardiogenic Shock—Reply

Sanket S. Dhruva, MD, MHS; Bobak J. Mortazavi, PhD; Nihar R. Desai, MD, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(3):303-304. doi:10.1001/jama.2020.7560

Calculation Error in Study of Pregnant Women With COVID-19 and Maternal and Neonatal Outcomes in Spain

David Baud, MD, PhD

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JAMA. 2020;324(3):304-305. doi:10.1001/jama.2020.12267

Correction

Errors in Data and Statistical Significance

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FREE JAMA. 2020;324(3):305. doi:10.1001/jama.2020.12271

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FREE JAMA. 2020;324(3):209-210. doi:10.1001/jama.2019.13525



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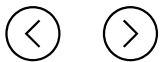
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July 28; 324 (4): 317-406



July 28, 2020, Vol 324, No. 4, Pages 317-406

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JAMA. 2020;324(4):e200030. doi:10.1001/jama.2020.0030



Audio Editors' Summary: Effect of Acetaminophen on Postoperative Hypoxemia, Menopausal Hormone Therapy and Long-term Breast Cancer Risk, the COVID19 Pandemic, and more

Original Investigation

Effect of Intravenous Acetaminophen on Postoperative Hypoxemia After Abdominal Surgery: The FACTOR Randomized Clinical Trial

Alparslan Turan, MD; Hani Essber, MD; Wael Saasouh, MD; et al.

[Abstract](#) | [Full Text](#)

This randomized trial compares the effect of intravenous acetaminophen vs placebo on duration of hypoxemia during the initial 48 postoperative hours among patients undergoing colorectal and other abdominal surgeries.

Association of the Healthy, Hunger-Free Kids Act With Dietary Quality Among Children in the US National School Lunch Program

Kelsey Kinderknecht, BS; Cristen Harris, PhD, RDN; Jessica Jones-Smith, PhD, MPH, RD

[Abstract](#) | [Full Text](#)

This national survey study assesses the dietary quality of lunch for students participating in the National School Lunch Program (NSLP) before and after implementation of the Healthy, Hunger-Free Kids Act, which, in 2012, aligned school lunch nutrition standards with the 2010 Dietary Guidelines for Americans.

Association of Menopausal Hormone Therapy With Breast Cancer Incidence and Mortality During Long-term Follow-up of the Women's Health Initiative Randomized Clinical Trials

Rowan T. Chlebowski, MD, PhD; Garnet L. Anderson, PhD; Aaron K. Aragaki, MS; et al.

[Abstract](#) | [Full Text](#)

This study reports 20-year breast cancer incidence among participants in Women's Health Initiative (WHI) trials randomized to conjugated equine estrogen (CEE) alone or with medroxyprogesterone acetate vs placebo.

Editorial

Menopausal Hormone Therapy and Long-term Breast Cancer Risk: Further Data From the Women's Health Initiative Trials

Christina A. Minami, MD, MS; Rachel A. Freedman, MD, MPH

Research Letter

Economic Vulnerability of Households With Essential Workers

Grace McCormack, BA; Christopher Avery, PhD; Ariella Kahn-Lang Spitzer, PhD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(4):388-390. doi:10.1001/jama.2020.11366

This study uses 2018 national survey data to characterize the proportion of essential workers in the US overall and living in economically vulnerable households, defined as income <\$40 000 or at least 1 member uninsured or older than age 65.

Associations Between Built Environment, Neighborhood Socioeconomic Status, and SARS-CoV-2 Infection Among Pregnant Women in New York City

Ukachi N. Emeruwa, MD, MPH; Samsiya Ona, MD; Jeffrey L. Shaman, PhD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(4):390-392. doi:10.1001/jama.2020.11370

This cross-sectional study investigates associations of residential building characteristics and markers of neighborhood socioeconomic status (SES) with screen-detected SARS-CoV-2 prevalence among pregnant women delivering in 2 New York City hospitals.

SARS-CoV-2 Positivity Rate for Latinos in the Baltimore–Washington, DC Region

Diego A. Martinez, PhD; Jeremiah S. Hinson, MD, PhD; Eili Y. Klein, PhD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(4):392-395. doi:10.1001/jama.2020.11374

This study characterizes the trends in rates of SARS-CoV-2 positive test results among individuals in the Baltimore–Washington, DC area by self-reported race/ethnicity.

Trends in HIV Preexposure Prophylaxis Prescribing in the United States, 2012-2018

Hyun Jin Song, MPharm, PhD; Patrick Squires, PharmD; Debbie Wilson, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):395-397. doi:10.1001/jama.2020.7312

This study uses national pharmacy claims data to describes trends in prescriptions for HIV preexposure prophylaxis (PrEP) overall and by specialty between 2012 and 2018.

Viewpoint

A Proposed Lottery System to Allocate Scarce COVID-19 Medications: Promoting Fairness and Generating Knowledge

Douglas B. White, MD, MAS; Derek C. Angus, MD, MPH

[Abstract](#) | [Full Text](#)

FREE   *JAMA*. 2020;324(4):329-330. doi:10.1001/jama.2020.11464

This Viewpoint proposes creation of state-level central lotteries for allocating drugs like remdesivir to hospitalized patients with COVID-19, which, if paired with demographic and outcome registry data, would enable equitable treatment allocation and facilitate actionable intelligence about the drugs' treatment effectiveness through a natural experiment.



Audio Clinical Review: Remdesivir and Dexamethasone for the Treatment of COVID-19



Audio Clinical Review: Update on Dexamethasone for the Treatment of COVID-19

Missed Opportunities on Emergency Remdesivir Use

Ameet Sarpatwari, PhD, JD; Anna Kaltenboeck, MA; Aaron S. Kesselheim, MD, JD, MPH

[Abstract](#) | [Full Text](#)

FREE   *JAMA*. 2020;324(4):331-332. doi:10.1001/jama.2020.11932

This Viewpoint argues that the FDA's Emergency Use Authorization (EUA) of remdesivir missed important opportunities to mandate further study of the drug's safety and efficacy and to require

fair drug pricing, and proposes modifications to create a patient registry with required data entry for any prescription and to allow government negotiations to achieve a reasonable drug price based on shared risk-taking.



Audio Clinical Review: Remdesivir and Dexamethasone for the Treatment of COVID-19



Audio Clinical Review: Update on Dexamethasone for the Treatment of COVID-19

COVID-19: Beyond Tomorrow

The State of Health Care Quality Measurement in the Era of COVID-19: The Importance of Doing Better

J. Matthew Austin, PhD; Allen Kachalia, MD, JD

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JAMA. 2020;324(4):333-334. doi:10.1001/jama.2020.11461

This Viewpoint discusses deficiencies in existing approaches to measuring health care quality and safety exposed by the coronavirus disease 2019 (COVID-19) pandemic and proposes process improvements, including reducing the need for manual data extraction, reducing delays between measures and reporting, and better standardizing the measures.

COVID-19: Beyond Tomorrow

The Dual Epidemics of COVID-19 and Influenza: Vaccine Acceptance, Coverage, and Mandates

Lawrence O. Gostin, JD; Daniel A. Salmon, MPH, PhD

[Abstract](#) | [Full Text](#)



JAMA. 2020;324(4):335-336. doi:10.1001/jama.2020.10802

This Viewpoint proposes policy responses to boost influenza vaccination uptake and reduce the anticipated morbidity and mortality of an influenza-COVID-19 co-epidemic in fall 2020.

Cognitive Bias and Public Health Policy During the COVID-19 Pandemic

Scott D. Halpern, MD, PhD; Robert D. Truog, MD; Franklin G. Miller, PhD

[Abstract](#) | [Full Text](#)

This Viewpoint reviews common cognitive biases that led health centers and the public to favor patient- over population health-oriented policy responses to the initial COVID-19 pandemic, and proposes messaging to better articulate the rationale for more effective population health responses.

Centralization of High-risk Surgery in the US: Feasible Solution or More Trouble Than It Is Worth?

Kyle H. Sheetz, MD, MSc; Nader N. Massarweh, MD, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):339-340. doi:10.1001/jama.2020.2953

This Viewpoint discusses the rationale for centralizing high-risk surgical procedures—referring patients to medical centers with more experienced surgeons to improve outcomes—and considers alternative strategies less likely to inconvenience patients and more likely to improve surgical safety with fewer trade-offs.

Limited Evidence for the Health Effects and Safety of Intermittent Fasting Among Patients With Type 2 Diabetes

Benjamin D. Horne, PhD, MStat, MPH; Martin M. Grajower, MD; Jeffrey L. Anderson, MD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(4):341-342. doi:10.1001/jama.2020.3908

This Viewpoint summarizes evidence about the effects of intermittent fasting on chronic disease markers and considers potential concerns about fasting as a strategy for weight management and glycemic control in people with type 2 diabetes.



Audio Author Interview: Limited Evidence for the Health Effects and Safety of Intermittent Fasting in Type 2 Diabetes

The VA MISSION Act and the Future of Veterans' Access to Quality Health Care

Nader N. Massarweh, MD, MPH; Kamal M. F. Itani, MD; Melanie S. Morris, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):343-344. doi:10.1001/jama.2020.4505

In the context of loosening criteria allowing veterans cared for within the Veterans Health Administration (VHA) health system to seek and receive nonurgent care in community settings, this Viewpoint discusses comparative access and timeliness, quality, and costs associated with the VHA vs outside facility care, and potential ramifications for the US Department of Veterans Affairs (VA) budget.

A Piece of My Mind

A Cruel COVID-19 Irony

Katherine C. McKenzie, MD

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):345-346. doi:10.1001/jama.2020.11882

In this narrative medicine essay, an internist notes the irony of being able to go to the bedside of her dying mother and lie in her bed holding her through the night to awaken to her recovering mother only to be again banished from her.

Editorial

Menopausal Hormone Therapy and Long-term Breast Cancer Risk: Further Data From the Women's Health Initiative Trials

Christina A. Minami, MD, MS; Rachel A. Freedman, MD, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):347-349. doi:10.1001/jama.2020.9620

JAMA Guide to Statistics and Methods

Regression Discontinuity Design

Matthew L. Maciejewski, PhD; Anirban Basu, PhD

[Abstract](#) | [Full Text](#)

This JAMA Guide to Statistics and Methods explains the use of regression discontinuity analysis on observational data—the difference in effect estimate between regression analyses using an exposure variable above and beneath a threshold of interest—to distinguish changes attributable to an intervention from background ecological or secular changes.

JAMA Insights

Management of Hepatitis A in 2020-2021

Angel N. Desai, MD, MPH; Arthur Y. Kim, MD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):383-384. doi:10.1001/jama.2020.4017

This *JAMA* Clinical Insights article reviews the epidemiology, diagnosis, treatment, and prevention of hepatitis A infection given an upward trend in the incidence of the disease since 2016 in the US.

JAMA Clinical Challenge

Digit Ulcerations in a Young Woman

Bibin Varghese, MD; Erin Chew, MD; Maximilian F. Konig, MD

[Abstract](#) | [Full Text](#)

 CME JAMA. 2020;324(4):385-386. doi:10.1001/jama.2020.6084

A 23-year-old woman had pain, color changes, and ischemic ulcerations of the fingertips of both hands. History and examination revealed eye and mouth dryness, mild dysphagia, and dilated nailfold capillaries; antinuclear antibodies were positive ($\geq 1:640$) in a composite nuclear and nucleolar fine speckled staining pattern, as were anti-Ro52, anti-Ro60, and anti-Scl-70 antibodies. What is the diagnosis and what would you do next?

Medical News & Perspectives

COVID-19's Crushing Effects on Medical Practices, Some of Which Might Not Survive

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

   JAMA. 2020;324(4):321-323. doi:10.1001/jama.2020.11254

This Medical News article discusses the financial and logistical impact of COVID-19 on medical practices.



JAMA Medical News Audio: July 2020 Medical News Summary

The JAMA Forum

Prescribing Paid Sick Leave—An Important Tool for Primary Care During the Pandemic

Benjamin D. Sommers, MD, PhD; Brett E. Coburn, JD

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(4):324-325. doi:10.1001/jama.2020.12209

News From the Centers for Disease Control and Prevention

More Than 1 in 3 US Adults Use Disinfectants Unsafely

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(4):328. doi:10.1001/jama.2020.12600

Dramatic Increase in US Congenital Syphilis Cases

Bridget M. Kuehn, MSJ

[Abstract](#) | [Full Text](#)

 JAMA. 2020;324(4):328. doi:10.1001/jama.2020.11652

Clinical Trials Update

Telehealth Reduces Excess Weight Gain in Pregnancy

Anita Slomski

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):327. doi:10.1001/jama.2020.11670

Rivaroxaban Reduces Complications of PAD Revascularization

Anita Slomski

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):327. doi:10.1001/jama.2020.12589

Intervention Improves Kids' Attitudes About Mental Disorders

Anita Slomski

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):327. doi:10.1001/jama.2020.12591

Novel Therapy Eradicates *H pylori*

Anita Slomski

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):327. doi:10.1001/jama.2020.12592

Wellness Program Failed to Improve Employee Health

Anita Slomski

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):327. doi:10.1001/jama.2020.12593

Health Agencies Update

Better HHS Planning Needed for National Disaster Medical System

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):326. doi:10.1001/jama.2020.11957

Higher Rate of Opioid-Related Stays in Urban Than Rural Hospitals

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):326. doi:10.1001/jama.2020.12645

NIH Launches Platform to Serve as Depository for COVID-19 Medical Data

Rita Rubin, MA

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):326. doi:10.1001/jama.2020.12646

The Arts and Medicine

Rereading *Arrowsmith* in the COVID-19 Pandemic

David J. Eisenman, MD

[Abstract](#) | [Full Text](#)

FREE  CME JAMA. 2020;324(4):319-320. doi:10.1001/jama.2020.11489

This Arts and Medicine feature discusses the ongoing relevance of Sinclair Lewis' 1925 novel *Arrowsmith* to unresolved questions of research, treatment, prevention, and mitigation of the 2020 COVID-19 pandemic.

Poetry and Medicine

Lullaby

Dzvinia Orłowsky

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):401. doi:10.1001/jama.2020.5266

JAMA Revisited

"Pseudodoxia Pediatrica"

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):402. doi:10.1001/jama.2019.13543

JAMA Patient Page

The Trauma Scene

Ioana Baiu, MD, MPH; Lisa M. Knowlton, MD, MPH

[Abstract](#) | [Full Text](#)

FREE JAMA. 2020;324(4):406. doi:10.1001/jama.2020.2580

This JAMA Patient Page reviews some of the actions bystanders, first responders, and medical personnel can take at the scene of a trauma (eg, car crash, gunshot, drowning) to stabilize a patient for transportation to a trauma center hospital.

Comment & Response

Pathogenic Variants in Breast Cancer Susceptibility Genes in Older Women

Florentia Fostira, PhD; Despoina Kalfakakou, MSc; Irene Konstantopoulou, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):397. doi:10.1001/jama.2020.7986

Pathogenic Variants in Breast Cancer Susceptibility Genes in Older Women—Reply

Allison W. Kurian, MD, MSc; Ryan Bernhisel, MStat; Marcia L. Stefanick, PhD

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):397-398. doi:10.1001/jama.2020.7999

Drug Prices, Rebates, and Discounts

Anna Anderson-Cook, PhD; Andrea Noda, MPP

[Abstract](#) | [Full Text](#)

Drug Prices, Rebates, and Discounts

Benjamin N. Rome, MD; William B. Feldman, MD, DPhil; Aaron S. Kesselheim, MD, JD, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):399. doi:10.1001/jama.2020.7983

Drug Prices, Rebates, and Discounts—Reply

Inmaculada Hernandez, PharmD, PhD; Walid F. Gellad, MD, MPH

[Abstract](#) | [Full Text](#)

JAMA. 2020;324(4):399-400. doi:10.1001/jama.2020.7996

Correction

Figure Error

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FREE JAMA. 2020;324(4):400. doi:10.1001/jama.2020.12541

JAMA Masthead

JAMA

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FREE JAMA. 2020;324(4):317-318. doi:10.1001/jama.2019.13536



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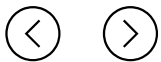
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July; 180 (7): 925-1036



July 2020, Vol 180, No. 7, Pages 925-1036

Viewpoint

Health Care Policy and Law

Commercial Influences on Electronic Health Records and Adverse Effects on Clinical Decision-making

Julie K. Taitsman, MD, JD; Andrew VanLandingham, JD; Christi A. Grimm, MPA

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):925-926. doi:10.1001/jamainternmed.2020.1318

This Viewpoint describes how the clinical decision support tools that are part of electronic health records and are used by physicians may be corrupted by commercial influence.

What Other Countries Can Learn From Italy During the COVID-19 Pandemic

Stefania Boccia, MSc, PhD; Walter Ricciardi, MD, MPH, MSc; John P. A. Ioannidis, MD, DSc

[Abstract](#) | [Full Text](#)

FREE  CME *JAMA Intern Med.* 2020;180(7):927-928. doi:10.1001/jamainternmed.2020.1447

This Viewpoint explores challenges in the Italian health care system during the coronavirus disease 2019 pandemic and how other countries can plan for optimal actions.

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Perspective

The Easy Elective—A Surprising Revelation in Medical School

Charisse Villareal, MD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):929-930. doi:10.1001/jamainternmed.2020.1330

This essay describes how the author unexpectedly discovered something meaningful about herself, a classmate, and the world in general during an elective class in medical school.

Original Investigation

Risk Factors Associated With Acute Respiratory Distress Syndrome and Death in Patients With Coronavirus Disease 2019 Pneumonia in Wuhan, China

Chaomin Wu, MD; Xiaoyan Chen, MD; Yanping Cai, MD; et al.

[Abstract](#) | [Full Text](#)

FREE  CME *JAMA Intern Med.* 2020;180(7):934-943. doi:10.1001/jamainternmed.2020.0994

This cohort study describes risk factors and clinical characteristics and outcomes in 201 patients with coronavirus disease 2019 (COVID-19) pneumonia who developed acute respiratory distress syndrome or died.

Editorial

Editorial Concern—Possible Reporting of the Same Patients With COVID-19 in Different Reports

Howard Bauchner, MD; Robert M. Golub, MD; Jody Zylke, MD

A Multifaceted Antimicrobial Stewardship Program for the Treatment of Uncomplicated Cystitis in Nursing Home Residents

David A. Nace, MD, MPH; Joseph T. Hanlon, PharmD, MS; Christopher J. Crnich, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):944-951. doi:10.1001/jamainternmed.2020.1256

This quality improvement study examines the association of a multifaceted antimicrobial stewardship and quality improvement intervention with the reduction in unnecessary antimicrobial use for unlikely cystitis among noncatheterized nursing home residents.

Effects of a Workplace Wellness Program on Employee Health, Health Beliefs, and Medical Use: A Randomized Clinical Trial

Julian Reif, PhD; David Chan, MD, PhD; Damon Jones, PhD; et al.

[Abstract](#) | [Full Text](#)

 CME *JAMA Intern Med.* 2020;180(7):952-960. doi:10.1001/jamainternmed.2020.1321

This randomized clinical trial evaluates the effect of a comprehensive workplace wellness program on employee health, health beliefs, and medical use after 12 and 24 months.

Effect of Patient Portal Reminders Sent by a Health Care System on Influenza Vaccination Rates: A Randomized Clinical Trial

Peter G. Szilagyi, MD, MPH; Christina Albertin, BSN, MPH; Alejandra Casillas, MD, MSHS; et al.

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):962-970. doi:10.1001/jamainternmed.2020.1602

This randomized clinical trial evaluates the effect of patient reminders sent via a health care system's electronic health record patient portal on influenza vaccination rates.

Less Is More

Association of Low-Value Testing With Subsequent Health Care Use and Clinical Outcomes Among Low-risk Primary Care Outpatients Undergoing an Annual Health Examination

Zachary Bouck, MPH; Andrew J. Calzavara, MSc; Noah M. Ivers, MD, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):973-983. doi:10.1001/jamainternmed.2020.1611

This population-based cohort study assesses the association of testing in low-risk patients with subsequent care among low-risk primary care outpatients undergoing an annual health examination.

Bayesian Interpretation of the EXCEL Trial and Other Randomized Clinical Trials of Left Main Coronary Artery Revascularization

James M. Brophy, MD, PhD

[Abstract](#) | [Full Text](#)

 *JAMA Intern Med.* 2020;180(7):986-992. doi:10.1001/jamainternmed.2020.1647

This study uses bayesian methods to reanalyze risk differences to assess the controversial results of a recent randomized clinical trial comparing coronary artery bypass surgery with percutaneous coronary intervention for treatment of left main coronary artery disease.



Audio Author Interview: Bayesian Interpretation of Randomized Clinical Trials of Left Main Coronary Artery Revascularization

Characteristics of Contemporary Randomized Clinical Trials and Their Association With the Trial Funding Source in Invasive Cardiovascular Interventions

Mario Gaudino, MD; Irbaz Hameed, MD; Mohamed Rahouma, MD; et al.

[Abstract](#) | [Full Text](#)

 *JAMA Intern Med.* 2020;180(7):993-1001. doi:10.1001/jamainternmed.2020.1670

This cross-sectional study examines whether funding for randomized clinical trials in invasive cardiovascular interventions has implications for the reporting of trial outcomes.



Audio Author Interview: Bayesian Interpretation of Randomized Clinical Trials of Left Main Coronary Artery Revascularization

Editorial

Notice of Retraction: Panagioti et al. Association Between Physician Burnout and Patient Safety, Professionalism, and Patient Satisfaction: A Systematic Review and Meta-analysis. *JAMA Intern Med.* 2018;178(10):1317-1331.

Howard Bauchner, MD; Rita F. Redberg, MD, MSc

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):931. doi:10.1001/jamainternmed.2020.1755

We hereby retract this article from *JAMA Internal Medicine* and from the medical literature.

Health Care Policy and Law

Expensive Insulin—The Epicenter of a Large, Life-Threatening Problem

Laura M. Nally, MD; Kasia J. Lipska, MD, MHS

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):931-933. doi:10.1001/jamainternmed.2020.1299

Invited Commentary

Taking Stock of Employer Wellness Program Effectiveness—Where Should Employers Invest?

Jean Marie Abraham, PhD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):960-961. doi:10.1001/jamainternmed.2020.1402

Patient Portal Reminders—Easy but Ineffective

Timothy Judson, MD, MPH; Ralph Gonzales, MD, MSPH

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):971-972. doi:10.1001/jamainternmed.2020.1589

Less Is More

Testing Cascades—A Call to Move From Descriptive Research to Deimplementation Science

Timothy S. Anderson, MD, MAS; Grace A. Lin, MD, MAS

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):984-985. doi:10.1001/jamainternmed.2020.1588

Should Percutaneous Coronary Intervention Be Considered for Left Main Coronary Artery Disease? Insights From a Bayesian Reanalysis of the EXCEL Trial

Sanjay Kaul, MD

[Abstract](#) | [Full Text](#)

 *JAMA Intern Med.* 2020;180(7):1002-1003. doi:10.1001/jamainternmed.2020.1644



Audio Author Interview: Bayesian Interpretation of Randomized Clinical Trials of Left Main Coronary Artery Revascularization

Teachable Moment

The Dangers of Using Tumor Markers to Evaluate Nonspecific Symptoms: A Teachable Moment

Parisa Mortaji, MD; Elena Lebduska, MD

[Abstract](#) | [Full Text](#)

 CME *JAMA Intern Med.* 2020;180(7):1004. doi:10.1001/jamainternmed.2020.1293

This Teachable Moment emphasizes the importance of using tumor marker testing only in the most appropriate clinical context to avoid patient anxiety and delayed diagnosis.

Trends in Utilization of Prescribed Controlled Substances in US Commercially Insured Adults, 2004-2019

Katsiaryna Bykov, PharmD, ScD; Mengdong He, MHS; Joshua J. Gagne, PharmD, ScD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1006-1008. doi:10.1001/jamainternmed.2020.0989

This study examines the most commonly dispensed categories and individual substances of all prescribed controlled substances, including stimulants, benzodiazepines, and depressants, among US commercially insured adults.

Assessment of Health Status and Barriers to Employment Among Medicaid Beneficiaries Not Meeting Work Requirements After Accounting for State Medical Frailty Exemptions

David M. Silvestri, MD, MBA, MHS; Abbe R. Gluck, JD; Joseph S. Ross, MD, MHS

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1008-1010. doi:10.1001/jamainternmed.2020.1039

This cross-sectional study quantifies the proportion of nonexempt Medicaid beneficiaries not meeting work requirements, compares their health with nonexempt beneficiaries fulfilling requirements, and assesses their inability to work for health-related reasons.

Health Care Policy and Law

Trends in Insulin Out-of-Pocket Costs and Reimbursement Price Among US Patients With Private Health Insurance, 2006-2017

Amir Meiri, MD, MPH; Fang Zhang, PhD; Dennis Ross-Degnan, ScD; et al.

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1010-1012. doi:10.1001/jamainternmed.2020.1302

This cohort study reports a decade of increases and decreases in insulin prices and cost burden for insured patients with diabetes.

Editorial

Expensive Insulin—The Epicenter of a Large, Life-Threatening Problem

Laura M. Nally, MD; Kasia J. Lipska, MD, MHS

Health Care Policy and Law

Out-of-Pocket Spending for Insulin, Diabetes-Related Supplies, and Other Health Care Services Among Privately Insured US Patients With Type 1 Diabetes

Kao-Ping Chua, MD, PhD; Joyce M. Lee, MD, MPH; Rena M. Conti, PhD

[Abstract](#) | [Full Text](#)



JAMA Intern Med. 2020;180(7):1012-1014. doi:10.1001/jamainternmed.2020.1308

This study evaluates inpatient, outpatient, and pharmacy claims to identify the annual out-of-pocket expenditures for both insured children and adults with type 1 diabetes.

Editorial

Expensive Insulin—The Epicenter of a Large, Life-Threatening Problem

Laura M. Nally, MD; Kasia J. Lipska, MD, MHS

Sociodemographic Factors Associated With High Risk for Firearm Suicide Among US Adults

Mark Olfson, MD, MPH; Candace M. Cosgrove, MPH; Melanie M. Wall, PhD; et al.

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1014-1019. doi:10.1001/jamainternmed.2020.1334

This cohort study assesses the association of firearm suicide risk with sociodemographic characteristics among US adults.

Health Care Policy and Law

Primary Care Spending in the United States, 2002-2016

Sara Martin, MD, MSc; Robert L. Phillips Jr, MD, MSPH; Stephen Petterson, PhD; et al.

[Abstract](#) | [Full Text](#)

This economic evaluation study uses 2002-2016 Medical Expenditure Panel Survey data to assess primary care expenditures relative to other sources of health care spending in the United States.

US Public Concerns About the COVID-19 Pandemic From Results of a Survey Given via Social Media

Lorene M. Nelson, PhD, MS; Julia F. Simard, ScD, SM; Abiodun Oluyomi, PhD, MS; et al.

[Abstract](#) | [Full Text](#)



JAMA Intern Med. 2020;180(7):1020-1022. doi:10.1001/jamainternmed.2020.1369

This survey study assessed public concerns about symptoms of coronavirus disease 2019 and individual actions in response to the pandemic.

Estimation of the Incident Homebound Population in the US Among Older Medicare Beneficiaries, 2012 to 2018

Katherine A. Ornstein, PhD, MPH; Melissa M. Garrido, PhD; Evan Bollens-Lund, MA; et al.

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1022-1025. doi:10.1001/jamainternmed.2020.1636

This cohort study examines the incidence of becoming homebound, being placed in a nursing home, and death in the US from 2012 to 2018 among Medicare beneficiaries aged 65 years and older.

Comment & Response

Considering the Effect of Combining α -Blockers With Bladder Antimuscarinics in Treatment of Overactive Bladder Symptoms

Gulistan Bahat, MD; Senay Gunaydin, MD; Mehmet Akif Karan, MD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1025. doi:10.1001/jamainternmed.2020.1250

Considering the Effect of Combining α -Blockers With Bladder Antimuscarinics in Treatment of Overactive Bladder Symptoms—Reply

Theodore M. Johnson II, MD, MPH; Kathryn L. Burgio, PhD; Stephen R. Kraus, MD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1025-1026. doi:10.1001/jamainternmed.2020.1253

The Importance of Pediatric Safety in Tetrahydrocannabinol Education

Robert Goodnough, MD; Karla Canseco, MD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1026-1027. doi:10.1001/jamainternmed.2020.1385

The Importance of Pediatric Safety in Tetrahydrocannabinol Education—Reply

Michael A. Incze, MD, MEd; Deepika Slawek, MD, MS, MPH; Chinazo O. Cunningham, MD, MS

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1027. doi:10.1001/jamainternmed.2020.1394

Exposure to Pyrethroids and Health Risk

David A. Larsen, PhD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1027-1028. doi:10.1001/jamainternmed.2020.1516

Exposure to Pyrethroids and Health Risk

S. Eliza Dunn (Halcomb), MD; Martin Cole, PhD; Larry Sheets, PhD, DABT

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1028. doi:10.1001/jamainternmed.2020.1519

Errors in Units of Measure and Reference Value for Laboratory Tests and Numbers of Patients in Study of COVID-19 in Wuhan, China

Yuanlin Song, MD; Junhua Zheng, MD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1028-1029. doi:10.1001/jamainternmed.2020.1576

Combating Discrimination in Medical Education

Oliver Salazar; Yean Uk Rho, BSc

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1029-1030. doi:10.1001/jamainternmed.2020.1593

Editor's Note

Addressing Mistreatment in Medical Education

Anjali B. Thakkar, MD, MBA; Colette Dejong, MD, MS; Mitchell H. Katz, MD

Combating Discrimination in Medical Education

Quentin R. Youmans, MD

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1030. doi:10.1001/jamainternmed.2020.1596

Editor's Note

Addressing Mistreatment in Medical Education

Anjali B. Thakkar, MD, MBA; Colette Dejong, MD, MS; Mitchell H. Katz, MD

Combating Discrimination in Medical Education—Reply

Katherine A. Hill, MD; Cary P. Gross, MD; Dowin Boatright, MD, MBA, MHS

[Abstract](#) | [Full Text](#)

JAMA Intern Med. 2020;180(7):1030-1031. doi:10.1001/jamainternmed.2020.1590

Editor's Note

Addressing Mistreatment in Medical Education

Correction

Error in Text

[Abstract](#) | [Full Text](#)

FREE *JAMA Intern Med.* 2020;180(7):1031. doi:10.1001/jamainternmed.2020.1428

Errors in Data and Units of Measure

[Abstract](#) | [Full Text](#)

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JAMA Internal Medicine Patient Page

What Should I Know About Opioids and Living With Chronic Pain?

Sarah Leyde, MD; Soraya Azari, MD

[Abstract](#) | [Full Text](#)

FREE *JAMA Intern Med.* 2020;180(7):1036. doi:10.1001/jamainternmed.2020.1679

This JAMA Patient Page describes the risks and possible side effects of taking opioids to treat chronic pain.

JAMA Internal Medicine Masthead

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Albert Do M.D., M.P.H., Denise A. Esserman Ph.D.... Pages 2025-2034

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Karen Sautter Errichetti MPH, DrPH, Amy Flynn MS... Pages 2035-2042

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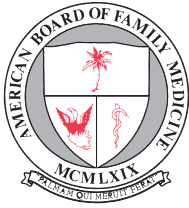
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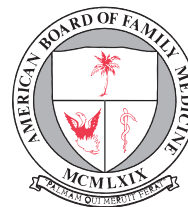
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Note From the Editor-in-Chief

July 14, 2020

A Note from *Obstetrics & Gynecology*'s Editor-in-Chief, Nancy C. Chescheir, MD:

Dear Readers,

I received feedback provided by the American College of Obstetricians and Gynecologists as well as subscribers of *Obstetrics & Gynecology* ("the Green Journal") regarding the cover photo that appeared on our July edition. It is the Journal's custom to feature an image on the cover that is from one of the published articles appearing in the issue, which is what I did in this edition.

Thanks to feedback from ACOG and its valued members, I understand now that the selection of the photo for the July edition was insensitive and caused pain. This was unintentional. Featuring this photo on the cover without proper context was a mistake.

I apologize. I also recognize that mistakes of this nature do not occur in a vacuum and that they compel reflection and action. I will be working with the entire Green Journal staff and team to take time to reflect, to listen, to assess the Journal's entire editorial process, and to implement meaningful change.

Respectfully,

Nancy C. Chescheir



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Racism and Its Effects on Pediatric Health

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Rachel Offenbacher, Brad Rybinski, Tuhina Joseph, Nora Rahmani, Thomas Boucher, Daniel A. Weiser

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