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-  **BLOG** (<https://academicmedicineblog.org/ensuring-equal-access-and-appropriate-remediation-evaluating-struggling-students-with-disabilities/>)

Evaluating Core Clerkships: Lessons Learned From Implementing a Student-Driven Feedback System for Clinical Curricula (https://journals.lww.com/academicmedicine/Fulltext/2021/02000/Evaluating_Core_Clerk

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Fishman, Scott M.; Copenhaver, David; Lorenzen, Kathryn; More
Academic Medicine. 96(2):236-240, February 2021.

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Determining Grades in the Internal Medicine Clerkship: Results of a National Survey of Clerkship Directors
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“There Is a Lot of Change Afoot”: A Qualitative Study of Faculty Adaptation to Elimination of Tiered Grades With Increased Emphasis on Feedback in Core Clerkships (https://journals.lww.com/academicmedicine/Fulltext/2021/02000/_There_Is_a_Lot_of_

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Khorfan, Rhami
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Beyond SIGECAPS

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Chun, Andrew S.

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Palaganas, Janice C.; Edwards, Roger A.

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AFP Clinical Answers: C. difficile, Migraines, Gastrointestinal Bleeding, Reducing Falls, Neurologic Conditions (<https://www.aafp.org/afp/2021/0201/p143.html>).

Cochrane for Clinicians: Exercise vs. No Exercise for the Occurrence, Severity, and Duration of Acute Respiratory Tract Infections (<https://www.aafp.org/afp/2021/0201/p144.html>).

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Compression Reduces Recurrent Cellulitis in Patients with Chronic Leg Edema

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Bariatric Surgery Associated with Decreased All-Cause Mortality and Lower Rates of Other Obesity-Related Events (<https://www.aafp.org/afp/2021/0215/p248.html>)

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SPECIAL REPORT

137 Prediction of obstetrical and fetal complications using automated electronic health record data

Gabriel J. Escobar; Lauren Soltesz; Alejandro Schuler; Hamid Niki; Ivana Malenica; Catherine Lee

Prediction of obstetrical complications in real time is feasible using automated predictive models.

EXPERT REVIEWS

148 To the Point: advising students applying to Obstetrics and Gynecology residency in 2020 and beyond

Celeste S. Royce; Elise N. Everett; LaTasha B. Craig; Angela Fleming; David A. Forstein; Scott C. Graziano; B. Star Hampton; Laura Hopkins; Margaret L. McKenzie; Helen K. Morgan; Shireen Madani Sims; Christopher Morosky

Faculty career advisors provide specialty-specific guidance for applicants to Obstetrics and Gynecology residency, a vital resource during and after the coronavirus disease 2019 pandemic.

SYSTEMATIC REVIEWS

158 Proactive neonatal treatment at 22 weeks of gestation: a systematic review and meta-analysis

Carl H. Backes; Brian K. Rivera; Leanne Pavlek; Lindsey J. Beer; Molly K. Ball; Eli T. Zettler; Charles V. Smith; Jeffrey A. Bridge; Edward F. Bell; Heather A. Frey

In this systematic review and meta-analysis, pooled survival among live-born, resuscitated infants at 22 weeks of gestation was 29.0% (95% confidence interval, 17.2–41.6; 31 studies, 2226 infants).

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CLINICAL OPINION

175 A chronicle of the 17-alpha hydroxyprogesterone caproate story to prevent recurrent preterm birth



David B. Nelson; Donald D. McIntire; Kenneth J. Leveno

This clinical opinion is a critical appraisal of the 2 randomized trials examining the efficacy of 17-alpha hydroxyprogesterone caproate to prevent recurrent preterm birth and a chronicle of events in the regulatory process of drug approval.

ORIGINAL RESEARCH

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GYNECOLOGY

187 Levonorgestrel-releasing intrauterine system versus endometrial ablation for heavy menstrual bleeding



Pleun Beelen; Marian J. van den Brink; Malou C. Herman; Peggy M. A. J. Geomini; Janny H. Dekker; Ruben G. Duijnhoven; Nienke Mak; Hannah S. van Meurs; Sjors F. Coppus; Jan Willem van der Steeg; Heleen P. Eising; Diana S. Massop-Helmink; Ellen R. Klinkert; Theodoor E. Nieboer; Anne Timmermans; Lucet F. van der Voet; Sebastiaan Veersema; Nicol A. C. Smeets; Joke M. Schutte; Marchien van Baal; Patrick M. Bossuyt; Ben Willem J. Mol; Marjolein Y. Berger; Marlies Y. Bongers

A larger decrease in menstrual blood loss was found in women treated with endometrial ablation, though both the levonorgestrel-releasing intrauterine system and endometrial ablation lead to controlled bleeding in the majority of women and satisfaction, quality of life and sexual function scores were comparable.

189 Multimodal physical therapy versus topical lidocaine for provoked vestibulodynia: a multicenter, randomized trial

Mélanie Morin; Chantale Dumoulin; Sophie Bergeron; Marie-Hélène Mayrand; Samir Khalifé; Guy Waddell; Marie-France Dubois; On behalf of the PVD Study Group

Physical therapy is effective for reducing pain and sexual distress and improving sexual function in women with provoked vestibulodynia compared with topical lidocaine.

191 Prospective phase II trial of levonorgestrel intrauterine device: nonsurgical approach for complex atypical hyperplasia and early-stage endometrial cancer



Shannon N. Westin; Bryan Fellman; Charlotte C. Sun; Russell R. Broaddus; Misty L. Woodall; Navdeep Pal; Diana L. Urbauer; Lois M. Ramondetta; Kathleen M. Schmeler; Pamela T. Soliman; Nicole D. Fleming; Jennifer K. Burzawa; Alpa M. Nick; Andrea M. Milbourne; Ying Yuan; Karen H. Lu; Diane C. Bodurka; Robert L. Coleman; Melinda S. Yates

For individuals with early-stage endometrial neoplasia for whom surgical treatment is not warranted, treatment with levonorgestrel intrauterine device has a substantial activity with minimal adverse events.

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ORIGINAL RESEARCH (continued from page 4A)

193 Early postpartum physical activity and pelvic floor support and symptoms 1 year postpartum

Ingrid E. Nygaard; Ali Wolpern; Tyler Bardsley; Marlene J. Egger; Janet M. Shaw

Early postpartum moderate to vigorous physical activity had variable effects on pelvic floor support and symptoms at 1 year postpartum.

195 Impact of Medicaid expansion on women with gynecologic cancer: a difference-in-difference analysis

Benjamin B. Albright; Dimitrios Nasioudis; Stuart Craig; Haley A. Moss; Nawar A. Latif; Emily M. Ko; Ashley F. Haggerty

Using quasi-experimental methods, we report that Medicaid expansion was associated with gains in access to and timeliness of care for women aged 40 to 64 years with gynecologic cancer.

197 CD70 antibody-drug conjugate as a potential therapeutic agent for uterine leiomyosarcoma



Ruriko Nakae; Shinya Matsuzaki; Satoshi Serada; Koji Matsuo; Mayu Shiomi; Kazuaki Sato; Yoshikazu Nagase; Satoko Matsuzaki; Satoshi Nakagawa; Kosuke Hiramatsu; Akiko Okazawa; Toshihiro Kimura; Tomomi Egawa-Takata; Eiji Kobayashi; Yutaka Ueda; Kiyoshi Yoshino; Tetsuji Naka; Tadashi Kimura

CD70 may be a novel therapeutic target in uterine leiomyosarcoma.

200 Benefit and burden in the Dutch cytology-based vs high-risk human papillomavirus-based cervical cancer screening program

Diede L. Loopik; Lianne M. Koenjer; Albert G. Siebers; Willem J. G. Melchers; Ruud L. M. Bekkers

High-risk human papillomavirus-based screening increases detection of high-grade dysplasia but at the expense of more women with invasive diagnostics indicating low-grade dysplasia or less.

202 Trends in operative time and outcomes in minimally invasive hysterectomy from 2008 to 2018

Douglas Luchrist; Oluwateniola Brown; Kimberly Kenton; C. Emi Bretschneider

Laparoscopic hysterectomy is associated with lower odds of complications; although vaginal hysterectomy has shorter operative times, the gap between laparoscopic and vaginal hysterectomy is decreasing.

OBSTETRICS

204 Pregnancy outcomes in nulliparous women with positive first-trimester preterm preeclampsia screening test: the Great Obstetrical Syndromes cohort study



Amélie Boutin; Paul Guerby; Cédric Gasse; Sylvie Tapp; Emmanuel Bujold

Nulliparous women with a first-trimester positive preterm preeclampsia Fetal Medicine Foundation screening test are at a higher risk of placenta-mediated pregnancy complications, including intrauterine growth restriction and fetal death.

ORIGINAL RESEARCH (continued)

206 A specific bacterial DNA signature in the vagina of Australian women in midpregnancy predicts high risk of spontaneous preterm birth (the Predict1000 study)

Matthew S. Payne; John P. Newnham; Dorota A. Doherty; Lucy L. Furfaro; Narisha L. Pendal; Diane E. Loh; Jeffrey A. Keelan

In a cohort of 1000 low- to medium-risk pregnant women, a specific vaginal bacterial DNA signature was identified that predicted the risk of spontaneous preterm birth.

208 Fetal growth velocity standards from the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project

Eric O. Ohuma; José Villar; Yuan Feng; Luo Xiao; Laurent Salomon; Fernando C. Barros; Leila Cheikh Ismail; William Stones; Yasmin Jaffer; Manuela Oberto; J. Alison Noble; Michael G. Gravett; Qingqing Wu; Cesar G. Victora; Ann Lambert; Paola Di Nicola; Manorama Purwar; Zulfiqar A. Bhutta; Stephen H. Kennedy; Aris T. Papageorgiou; On behalf of the International Fetal and Newborn Growth Consortium for the 21st Century (INTERGROWTH-21st Project)

This study discusses the fetal growth velocity standards from the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project.

210 Associations of gestational cardiovascular health with pregnancy outcomes: the Hyperglycemia and Adverse Pregnancy Outcome study

Amanda M. Perak; Nicola Lancki; Alan Kuang; Darwin R. Labarthe; Norrina B. Allen; Svati H. Shah; Lynn P. Lowe; William A. Grobman; Denise M. Scholtens; Donald M. Lloyd-Jones; William L. Lowe Jr; On behalf of the Hyperglycemia and Adverse Pregnancy Outcome (HAPO) Study Cooperative Research Group

Among 2304 women, better cardiovascular health (based on 5 metrics) at 24 to 32 weeks' gestation was associated with lower risks for several adverse pregnancy outcomes.

213 Spontaneous twin anemia polycythemia sequence: diagnosis, management, and outcome in an international cohort of 249 cases

Lisanne S. A. Tollenaar; Femke Slaghekke; Liesbeth Lewi; Claire Colmant; Mariano Lanna; Anne Sophie Weingertner; Greg Ryan; Silvia Arévalo; Philipp Klaritsch; Manuela Tavares de Sousa; Asma Khalil; Ramesha Papanna; Glenn J. Gardener; Elisa Bevilacqua; Kirill V. Kostyukov; Mert O. Bahtiyar; Mark D. Kilby; Eleonor Tiblad; Dick Oepkes; Enrico Lopriore

Spontaneous twin anemia polycythemia sequence can develop at any time in a monochorionic twin pregnancy, is managed heterogeneously, and is associated with high rates of mortality and morbidity, the former especially in the donor twin.

215 Early pregnancy metabolites predict gestational diabetes mellitus: implications for fetal programming

Brian J. Koos; Jeffrey A. Gornbein

Advanced analytical methods were used to generate a urinary metabolite model that accurately predicted gestational diabetes mellitus in early pregnancy.

217 The impact of the definition of preeclampsia on disease diagnosis and outcomes: a retrospective cohort study

Maya Reddy; Sarah Fenn; Daniel Lorber Rolnik; Ben Willem Mol; Fabricio da Silva Costa; Euan M. Wallace; Kirsten R. Palmer

Use of the new preeclampsia definitions will increase disease incidence but mostly identify a milder phenotype of the condition.

(continued)

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ORIGINAL RESEARCH (continued)

219 Birth hospital and racial and ethnic differences in severe maternal morbidity in the state of California

Mahasin S. Mujahid; Peiyi Kan; Stephanie A. Leonard; Elleni M. Hailu; Elizabeth Wall-Wieler; Barbara Abrams; Elliott Main; Jochen Profit; Suzan L. Carmichael

Using statewide data from California, this study investigated whether racial and ethnic differences in severe maternal morbidity risk were explained by hospital-level factors.

221 Longitudinal changes in maternal left atrial volume index and uterine artery pulsatility indices in uncomplicated pregnancy

Piotr Dobrowolski; Przemyslaw Kosinski; Aleksander Prejbsiz; Anna Szczepkowska; Anna Klisiewicz; Magdalena Januszewicz; Miroslaw Wielgos; Andrzej Januszewicz; Piotr Hoffman

Left atrial volume index, a volume-dependent echocardiographic parameter, describes cardiac adaptation to increased blood volume and is related to uterine artery resistance.

EDUCATION

223 Assessment of evidence underlying guidelines by the Society for Maternal-Fetal Medicine

Clifton O. Brock; Sean C. Blackwell; Suneet P. Chauhan

Of 235 recommendations by the Society for Maternal-Fetal Medicine, 15% were supported by high-quality evidence.

IMAGES IN OBSTETRICS AND GYNEOLOGY

225 Episiotomy-site clear cell carcinoma

Nicanor Barrena-Medel; Lidia Diaz; Miguel Pabon

An episiotomy-related malignancy must be considered when assessing a posterior vulvoperineal mass, which may originate from ectopic endometriosis.

227 Perforation with Bakri balloon into broad ligament during management of postpartum hemorrhage

Nicholas R. Spencer; Antonio Saad

A case in which a Bakri balloon used for postpartum hemorrhage was discovered outside of the uterus within the broad ligament.

RESEARCH LETTERS

228 Contraception and ectopic pregnancy risk: a prospective observational analysis

Paige Schultheis; Melissa Natalie Montoya; Qihong Zhao; Johanna Archer; Tessa Madden; Jeffrey F. Peipert

229 Myocardial injury associated with coronavirus disease 2019 in pregnancy

Sarah L. Pachtman Shetty; Natalie Meirowitz; Matthew J. Blitz; Therese Gadomski; Catherine R. Weinberg

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232 Declaring a gestation nonviable: when 99% certainty is not enough
Kurt T. Barnhart; Suneeta Senapati; Mary D. Sammel

234 A marked decrease in preterm deliveries during the coronavirus disease 2019 pandemic
Raanan Meyer; Yossi Bart; Abraham Tsur; Yoav Yinon; Lior Friedrich; Nitzan Maixner; Gabriel Levin

237 Enhanced recovery after cesarean: impact on postoperative opioid use and length of stay
C. Andrew Combs; Tracy Robinson; Cindy Mekis; Marsjah Cooper; Elizabeth Adie; Eve Ladwig-Scott; Joanne Richards

239 Singleton preterm birth rates for racial and ethnic groups during the coronavirus disease 2019 pandemic in California
Elliott K. Main; Shen-Chih Chang; Andrew M. Carpenter; Paul H. Wise; David K. Stevenson; Gary M. Shaw; Jeffrey B. Gould

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242 Definition of fetal growth restriction
Dana P. Damron
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243 Society for Maternal-Fetal Medicine Consult Series #51: thromboembolism prophylaxis for cesarean delivery
Alexander M. Friedman; Mary D'Alton
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Society for Maternal-Fetal Medicine Publications Committee

244 Evidence is lacking for routine pre hysterectomy screening for bacterial vaginosis
Harold C. Wiesenfeld
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David E. Soper

246 Screening for early-onset preeclampsia
Howard Cuckle
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Bernat Serra

248 International gestational age-specific centiles for umbilical artery Doppler indices: a longitudinal prospective cohort study of the INTERGROWTH-21st Project
Giuseppe Rizzo; Ilenia Mappa; Giuseppe Rizzo; Francesco D'Antonio
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SOCIETY FOR MATERNAL-FETAL MEDICINE

- B2** Society for Maternal-Fetal Medicine Consult Series #53: Intrahepatic cholestasis of pregnancy: Replaces Consult #13, April 2011
 Society for Maternal-Fetal Medicine (SMFM); Richard H. Lee; Mara Greenberg; Torri D. Metz; Christian M. Pettker
This Consult reviews the current literature on intrahepatic cholestasis of pregnancy and provides recommendations based on the available evidence.

CORRECTION

- 224** April 2019 (vol. 220, no. 4, pages B6 and B7)
In an April 2019 Consult Series article on sepsis during pregnancy and the puerperium from the Society for Maternal-Fetal Medicine, a value was given incorrectly in the text and in a figure.

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saaog.org

THURSDAY, January 28, 2021 • 10:30 AM — 12:30 PM

Time	Abstract	Oral Plenary Session I
10:30 AM	1	Tranexamic acid for the prevention of postpartum hemorrhage after cesarean delivery: the TRAAP2 trial Loïc Sentilhes¹; Marie-Victoire Senat²; Maëla Le Lous³; Norbert Winer⁴; Patrick Rozenberg⁵; Gilles Kayem⁶; Eric Verspyck⁷; Florent Fuchs⁸; Elie AZRIA⁹; Denis Gallot¹⁰; Diane Korb¹¹; Raoul Desbriere¹²; Camille Le Ray¹³; Céline Chauleur¹⁴; Fanny De Marcellac¹⁵; Franck Perrotin¹⁶; Olivier Parant¹⁷; Laurent Salomon¹⁸; Emilie Gauchotte¹⁹; Florence Bretelle²⁰; Antoine Benard¹; Aurore Georget¹; Astrid Darsonval²¹; Catherine Deneux-Tharaux²² ¹Bordeaux University Hospital, Bordeaux, France; ²Kremlin Bicêtre, Ile-de-France, France; ³Rennes University Hospital, Rennes University Hospital, France; ⁴Nantes University Hospital, Pays de la Loire, France; ⁵Poissy Saint Germain Hospital, Poissy Saint Germain Hospital, France; ⁶Armand-Trousseau Hospital, Paris, France; ⁷Rouen University Hospital, Haute-Normandie, France; ⁸Montpellier University Hospital, Languedoc-Roussillon, France; ⁹INSERM UMR 1153, Obstetrical, Perinatal and Pediatric Epidemiology Research Team (Epopé), Centre for Epidemiology and Statistics Sorbonne Paris Cité, Paris Descartes University, Paris, France; ¹⁰Clermont-Ferrand University Hospital, Centre, France; ¹¹Robert Debré University Hospital, Paris; ¹²St Joseph Hospital Marseille, Provence-Alpes-Cote d'Azur, France; ¹³Port Royal Maternity Hospital, Ile-de-France, France; ¹⁴Saint Etienne University Hospital, Rhone-Alpes, France; ¹⁵Strasbourg University Hospital, Alsace, France; ¹⁶Tours University Hospital, Centre, France; ¹⁷Toulouse University Hospital, Languedoc-Roussillon, France; ¹⁸Necker University Hospital, Necker University Hospital, France; ¹⁹Nancy University Hospital, Lorraine, France; ²⁰Marseille University Hospital, Provence-Alpes-Cote d'Azur, France; ²¹Angers University Hospital, Angers, France; ²²INSERM U1153, INSERM U1153, France
10:45 AM	2	Pessary plus progesterone to prevent preterm birth in women with a short cervix (P5 trial) Rodolfo C. Pacagnella¹; Thaís Silva²; José Guilherme Cecatti²; Renato Passini-Jr³; Tatiana Fanton³; Anderson Borovac-Pinheiro³; Cynara Pereira³; Marcelo S. França⁴; Wentao Li⁵; Ben Mo⁵ ¹UNICAMP, Sao Paulo; ²UNICAMP, Sao Paulo, Brazil; ³Unicamp, Sao Paulo, Brazil; ⁴Federal University of Sao Paulo, Sao Paulo, Brazil; ⁵Monash University, Melbourne, Australia
11:00 AM	3	Prophylactic Manual Rotation of Persistent Occiput Posterior to decrease operative Delivery: a Multicentric Randomized Trial Julie Blanc¹; Pierre Castel²; Franck Mauviel³; Karine Baumstarck²; Florence Bretelle⁴; Jean-Baptiste Haumonté⁵; Claude D'Ercole² ¹Department of Gynecology and Obstetrics, AP-HM Assistance Publique-Hôpitaux de Marseille, Health Service Research and Quality of Life Center, Aix-Marseille University, Marseille, France; ²Assistance Publique Hôpitaux de Marseille, Marseille, France; ³CH Sainte Musse Toulon, Toulon, France; ⁴Marseille University Hospital, Provence-Alpes-Cote d'Azur, France; ⁵Hôpital Saint Joseph, Marseille, France
11:15 AM	4	Placental Hofbauer Cells as a Proxy Cell Type for Fetal Brain Microglia Rose De Guzman¹; Rebecca Batorsky²; Sezen Kislal³; Sara Brigida³; Staci Bilbo³; Donna K. Slonim²; Andrea G. Edlow⁴ ¹Massachusetts General Hospital, Newton, MA; ²Tufts University, Boston, MA; ³Massachusetts General Hospital, Boston, MA; ⁴Massachusetts General Hospital, Department of Obstetrics and Gynecology, Boston, MA
11:30 AM	5	Perinatal and genetic outcomes associated with no call cfDNA results in 18,496 pregnancies Mary E. Norton¹; Cora MacPherson²; Bo Jacobsson³; Melissa Egbert⁴; Fergal D. Malone⁵; Ronald J. Wapner⁶; Ashley Roman⁷; Asma Khalil⁸; Revital Faro⁹; Rajeevi Madankumar¹⁰; Lance Edwards¹¹; Noel Strong¹²; Sina Haeri¹³; Robert M. Silver¹⁴; Nidhi Vohra¹⁵; Jon Hyett¹⁶; Kim Martin⁴; Pe'er Dar¹⁷ ¹University of California, San Francisco, San Francisco, CA; ²George Washington University, Rockville, MD; ³Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden; ⁴Gothenburg, Sweden; ⁵Vastra Gotaland; ⁶Natera, Inc, San Carlos, CA; ⁷Royal College of Surgeons in Ireland, Dublin, Ireland, Dublin, Ireland; ⁸Columbia University Irving Medical Center, New York, NY; ⁹NYU Langone Health, New York, NY; ¹⁰St George's Hospital University of London, London, England; ¹¹St Peters Hospital, New Brunswick, NJ; ¹²Long Island Jewish Medical Center, Jericho, NY; ¹³Suffolk Obstetrics & Gynecology, Port Jefferson, NY; ¹⁴Icahn School of Medicine at Mount Sinai, New York, NY; ¹⁵Austin Maternal Fetal Medicine, Dallas, TX; ¹⁶University of Utah Health, Salt Lake City, UT; ¹⁷Northwell Northshore Medical Center, Syosset, NY; ¹⁸Royal Prince Alfred Hospital, New South Wales, Australia; ¹⁹Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY
11:45 AM	6	High-dose versus standard-dose oxytocin regimens to augment labor in nulliparas: a double-blind randomized clinical trial Moeun Son¹; Archana Roy²; Bethany T. Stetson³; Nancy Tunney Grady⁴; Mary Clare Vanecko⁴; Nicole Bond⁴; Kate Swanson⁵; Emily S. Miller²; Alan M. Peaceman⁶ ¹Yale University School of Medicine, New Haven, CT; ²Northwestern University, Chicago, IL; ³Northwestern Memorial, Chicago, IL; ⁴Northwestern Memorial Hospital, Chicago, IL; ⁵University of California, San Francisco, San Francisco, CA; ⁶Northwestern University Feinberg School of Medicine, Chicago, IL
12:00 PM	7	Oral azithromycin ± amoxicillin to prevent peripartum infection in laboring high-risk women: A 3-Arm RCT Akila Subramaniam¹; Ye Yuanfan¹; Rahel Mbah²; Jodie Dionne-Odom¹; Lorie M. Harper³; Waldemar Carlo³; Gregory Halle-Ekane⁴; Jeff M. Szychowski¹; Pius Tih²; Alan Tita⁵ ¹Center for Women's Reproductive Health, University of Alabama at Birmingham, Birmingham, AL; ²Cameroon Baptist Convention Health Services, Nord-Ouest, Cameroon; ³University of Texas at Austin, Dell Medical School, Austin, TX; ⁴University of Buea, Cameroon, Africa, Sud-Ouest, Cameroon; ⁵University of Alabama at Birmingham, Birmingham, AL
12:15 PM	8	Augmenting/Replacing Obstetric Comorbidity Index with Labor & Delivery Features Improves Prediction of Severe Maternal Morbidity Matthew Oberhardt¹; Desmond Sutton²; Corrina M. Oxford-Horrey³; Malavika Prabhu⁴; Jean Ju Sheen⁵; Laura E. Riley³; Mary E. D'Alton²; Dena Goffman⁶ ¹NewYork-Presbyterian, Analytics, New York, NY; ²Columbia University Irving Medical Center, New York, NY; ³Weill Cornell Medicine, New York, NY; ⁴Weill Cornell Medicine, Department of Obstetrics and Gynecology, New York, NY; ⁵New York Presbyterian Hospital/Columbia University Medical Center, Northvale, NJ; ⁶Columbia University Irving Medical Center/NewYork-Presbyterian, New York, NY

THURSDAY, January 28, 2021 • 4:00 PM — 6:15 PM

Time Abstract Oral Concurrent Session 1 - Preterm Birth

4:00 PM	9	Low dose aspirin for the prevention of recurrent preterm labor (APRIL): a randomized controlled trial Anadeijda Landman¹; Marjon de Boer¹; Laura Visser¹; Marieke Hemels²; Christiana Naaktgeboren³; Martine Jansen-van der Weide³; Ben Mol⁴; Judith van Laar⁵; Dimitri Papatsonis⁶; Mireille Bekker⁷; Joris van Drongelen⁸; Maria van Pampus⁹; Marieke Suetters¹⁰; David van der Ham¹¹; Marko Sikkema¹²; Joost Zwart¹³; Anjoke Huisjes¹⁴; Marloes van Huizen¹⁵; Gunilla Kleiverda¹⁶; Janine Boon¹⁷; Maureen Franssen¹⁸; Wietske Hermes¹⁹; Harry Visser²⁰; Christianne J. de Groot²¹; Martijn A. Oudijk²² ¹Amsterdam UMC - location VUmc, Amsterdam, Netherlands; ²Isala, Zwolle, Netherlands; ³Amsterdam UMC - location AMC, Amsterdam, Netherlands; ⁴Monash University, Melbourne, Victoria; ⁵Máxima Medisch Centrum, Veldhoven, Netherlands; ⁶Amphia Hospital, Breda, Netherlands; ⁷UMC Utrecht, Utrecht, Netherlands; ⁸Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands; ⁹OLVG Oost, Amsterdam, Netherlands; ¹⁰Leiden University Medical Center, Leiden, Netherlands; ¹¹Martini Hospital, Groningen, Netherlands; ¹²Ziekenhuisgroep Twente - location Almelo, Almelo, Netherlands; ¹³Deventer Hospital, Deventer, Netherlands; ¹⁴Gelre ziekenhuizen Apeldoorn, Apeldoorn, Netherlands; ¹⁵Haga Hospital, Den Haag, Netherlands; ¹⁶FlevoHospital Almere, Almere, Netherlands; ¹⁷Diakonessenhuis Utrecht, Utrecht, Netherlands; ¹⁸University Medical Center Groningen, Groningen, Netherlands; ¹⁹Haaglanden Medical Centre, Den Haag, Netherlands; ²⁰Tergooi Hospital, Noord-Holland, Netherlands; ²¹Department of Obstetrics & Gynecology, Amsterdam UMC, location VUmc, Amsterdam, The Netherlands; ²²Amsterdam UMC, location AMC, Amsterdam, Netherlands
4:15 PM	10	A randomized trial of 17-hydroxyprogesterone caproate to prevent preterm birth among women living with HIV Joan T. Price¹; Bellington Vvalika²; Bethany L. Freeman¹; Pooja T. Saha¹; Stephen R. Cole¹; Felistas Mbewe³; Winifreda M. Phiri³; Marc Peterson¹; Dorothy Muyangwa³; Ntazana Sindano³; Humphrey Mwape³; Megan E. Smithmyer¹; Margaret P. Kasaro³; Lynne M. Mofenson⁴; Dwight J. Rouse⁵; Robert L. Goldenberg⁶; Elwyn Chomba⁷; Jeffrey Stringer⁸ ¹University of North Carolina at Chapel Hill, Chapel Hill, NC; ²University of Zambia School of Medicine, Lusaka, Zambia; ³UNC Global Projects Zambia, Lusaka, Zambia; ⁴Eunice Kennedy Shriver National Institute of Child Health and Human Development, Bethesda, MD; ⁵Women & Infants Hospital of Rhode Island, Alpert Medical School of Brown University; ⁶Columbia University Medical Center, New York, NY; ⁷University of Zambia School of Medicine, Lusaka, Zambia; ⁸University of North Carolina, Chapel Hill, NC
4:30 PM	11	Impact of the coronavirus pandemic lockdown on obstetric outcomes Daniel L. Rolnik¹; Alexia Matheson²; Claire McGannon¹; Atul Malhotra¹; Kirsten Palmer¹; Alice Stewart²; Euan Wallace¹; Ryan J. Hodges²; Ben Mol¹ ¹Monash University, Melbourne, Australia; ²Monash Health, Melbourne, Australia
4:45 PM	12	Observations from an inner city hospital during COVID-19: preterm birth rate and mode of delivery Kristina M. Feldman¹; Shobha Jagannatham²; Farrah N. Hussain²; Tirtza Spiegel Strauss²; Zainab Al-Ibraheemi²; Graham Ashmead²; Lois Brustman² ¹Icahn School of Medicine at Mount Sinai West, New York, NY; ²Mount Sinai West, Icahn School of Medicine at Mount Sinai, New York, NY
5:00 PM	13	Development of an Ascending Model of Infection and Preterm Birth Nicholas Spencer; Enkhtuya Radnaa; Ananth Kumar Kammala; Talar Kechichian; Ourlad G. Tantengco; Ramkumar Menon University of Texas Medical Branch, Galveston, TX
5:15 PM	14	Living in an area with high social vulnerability during pregnancy is associated with preterm birth Matthew B. Givens¹; E. Nicole Teal²; Tracy A. Manuck³ ¹UNC Health Care, Durham, NC; ²University of North Carolina at Chapel Hill, Chapel Hill, NC; ³University of North Carolina, Chapel Hill, NC
5:30 PM	15	Long-term development of children born to women with twin pregnancies treated with pessary or progesterone Van T.T. Tran¹; Nghia A. Nguyen²; Nam T. Nguyen³; Thu T.M. Vo⁴; Truong S. Uong⁴; Hau T. Nguyen⁵; Ngan T. Nguyen⁵; Loc M.T. Nguyen⁶; Minh H.N. Nguyen⁶; Linh K. Nguyen⁷; Lan N. Vuong⁸; Ben Mol⁹; Vinh Q. Dang³ ¹Department of Obstetrics and Gynecology, My Duc Hospital, Ho Chi Minh; ²Department of Pediatrics, University of Medicine and Pharmacy at Ho Chi Minh city, Ho Chi Minh, Vietnam; ³Department of Obstetrics and Gynecology, My Duc Hospital, Ho Chi Minh, Vietnam; ⁴Department of Pediatrics, My Duc Phu Nhuan Hospital, Ho Chi Minh, Vietnam; ⁵Department of Pediatrics, My Duc Hospital, Ho Chi Minh, Vietnam; ⁶HOPE Research Center, Ho Chi Minh, Vietnam; ⁷Department of Obstetrics and Gynecology, My Duc Phu Nhuan Hospital, Ho Chi Minh, Vietnam; ⁸Department of Obstetrics and Gynecology, University of Medicine and Pharmacy at Ho Chi Minh City, Ho Chi Minh, Vietnam; ⁹Monash University, Melbourne, Victoria
5:45 PM	16	Survival without severe neonatal morbidity in very preterm twins according to planned mode of delivery Diane Korb¹; Francois goffinet²; Loïc Sentilhes³; Gilles Kayem⁴; Marie-Victoire senat⁵; Elie AZRIA⁶; Thomas SCHMITZ⁷ ¹Robert Debré University Hospital, Paris; ²Inserm UMR 1153, Obstetrical, Perinatal and Pediatric Epidemiology Research Team (EPOPé), Research Center for Epidemiology and BioStatistics Sorbonne Paris Cité (CRESS), Paris Descartes University, Paris, France; ³Maternité Port-Royal, University Paris-Descartes, DHU Risk in Pregnancy, Hôpitaux Universitaires Paris Centre, Assistance Publique-Hôpitaux de Paris, Paris, France; ⁴Paris, France; ⁵Bordeaux University Hospital, Bordeaux, France; ⁶Armand-Trousseau Hospital, Paris, France; ⁷Kremlin Bicêtre, Ile-de-France, France; ⁸INSERM UMR 1153, Obstetrical, Perinatal and Pediatric Epidemiology Research Team (EPOPé), Centre for Epidemiology and Statistics Sorbonne Paris Cité, Paris Descartes University, Paris, France; ⁹Department of Obstetrics and Gynecology, Hôpital Robert Debré, AP-HP, Université Paris Diderot, Paris, France
6:00 PM	17	Neonatal outcomes in multiple gestations exposed to late preterm steroids Eileen O'Connor¹; Mallory Hoffman²; Michael Marcotte¹; Megan Thomas¹; Michael Holbert¹ ¹TriHealth, Cincinnati, OH; ²Tristate Maternal Fetal Medicine, Cincinnati, OH

Blue type in each byline indicates the presenting/primary author.

THURSDAY, January 28, 2021 • 4:00 PM — 6:15 PM

Time	Abstract	Oral Concurrent Session 2 - Health Equity and Disparities
4:00 PM	18	Neighborhood Police Complaints Associated with Increased Preterm Delivery Among Black Individuals Alexa A. Freedman ¹ ; Ann Borders ² ; Britney P. Smart ¹ ; Lauren S. Keenan-Devlin ¹ ; Linda M. Ernst ¹ ; Andrew Franklin ¹ ; Margaret Butler ³ ; Ashish Premkumar ⁴ ; Kiarri N. Kershaw ⁵ ; Andrew V. Papachristos ³ ; Gregory E. Miller ³ ¹ NorthShore University HealthSystem, Evanston, IL; ² NorthShore University HealthSystem, Evanston Hospital, Evanston, IL; ³ Northwestern University, Evanston, IL; ⁴ Northwestern University, Chicago, IL; ⁵ Northwestern University Feinberg School of Medicine, Chicago, IL
4:15 PM	19	Social determinants of health in preterm birth of non-Hispanic black women Meredith B. Meyer ¹ ; Sarah J. Kopp ¹ ; Emily DeFranco ² ; Elizabeth Kelly ³ ¹ Department of Obstetrics and Gynecology, University of Cincinnati College of Medicine, Cincinnati, OH; ² University of Cincinnati Department of Obstetrics and Gynecology, Cincinnati, OH; ³ The University of Cincinnati Department of Obstetrics and Gynecology, Cincinnati, OH
4:30 PM	20	Examining the effect of quality initiatives on decreasing racial disparities in maternal morbidity Christina Davidson ¹ ; Stacie Denning ² ; Candace Cains ² ; Michael A. Belfort ³ ; Manisha Gandhi ¹ ¹ Baylor College of Medicine, Houston, TX; ² Texas Children's Hospital, Houston, TX; ³ Department of Obstetrics and Gynecology, Baylor College of Medicine/Texas Children's Hospital, Houston, TX
4:45 PM	21	Services and safety-net burden of Black-serving hospitals and related Severe Maternal Morbidity Samsiya Ona ¹ ; Yongmei Huang ² ; Cande V. Ananth ³ ; Cynthia Gyamfi-Bannerman ² ; Timothy Wen ⁴ ; Jason D. Wright ² ; Mary E. D'Alton ² ; Alexander M. Friedman ² ¹ Columbia University Irving Medical Center, Bronx, NY; ² Columbia University Irving Medical Center, New York, NY; ³ Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ; ⁴ University of California, San Francisco, San Francisco, CA
5:00 PM	22	Communication and Linguistic Barriers and Perinatal Outcomes Amongst Women with and without Diabetes Jhenette R. Lauder ¹ ; Michelle P. Debbink ¹ ; Amanda A. Allshouse ¹ ; Lauren Theilen ¹ ; David M. Haas ² ; Hyagriv Simhan ³ ; William A. Grobman ⁴ ; Lynn M. Yee ⁴ ; Judith H. Chung ⁵ ; Brian M. Mercer ⁶ ; George R. Saade ⁷ ; Ronald J. Wapner ⁸ ; Uma M. Reddy ⁹ ; Robert M. Silver ¹ ¹ University of Utah Health, Salt Lake City, UT; ² Indiana University, Indianapolis, Indiana, Indianapolis, IN; ³ University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, Pittsburgh, PA; ⁴ Northwestern University Feinberg School of Medicine, Chicago, IL; ⁵ University of California, Irvine, Orange, CA; ⁶ CWRU-MetroHealth Medical Center, Cleveland, OH; ⁷ University of Texas Medical Branch, Galveston, TX; ⁸ Columbia University Irving Medical Center, New York, NY; ⁹ Yale University School of Medicine, New Haven, CT
5:15 PM	23	Race Matters: Maternal Morbidity in the Military Health System Jameka L. Hamilton ¹ ; Diane Shumbusho ¹ ; Devin Cooper ² ; Larissa Weir ³ ; Erin Keyser ¹ ¹ SAUSHEC, SAUSHEC, TX; ² Tsehootsooi Medical Center, Fort Defiance, AZ; ³ SAUSHEC/Brooke Army Medical Center, SAUSHEC, TX
5:30 PM	24	Maternal Psychosocial Factors associated with Postpartum Pain Nevert Badreldin ; William A. Grobman; Lynn M. Yee Northwestern University Feinberg School of Medicine, Chicago, IL
5:45 PM	25	The surprising paradox: higher education increases the racial/ethnic disparity in cesarean delivery rates Yael Eliner ¹ ; Frank Chervenak ² ; Moti Gulersen ³ ; Amos Grunebaum ² ; Erez Lenchner ⁴ ; Adi Katz ² ; Liron Bar-El ² ; Eran Bornstein ⁵ ¹ Boston University, School of Public Health, Somerville, MA; ² Zucker School of Medicine at Hofstra/Northwell, Department of OBGYN, Lenox Hill Hospital, New York, NY; ³ Zucker School of Medicine at Hofstra/Northwell, Department of OBGYN, North Shore University Hospital, New York, NY; ⁴ CUNY John Jay College, AP for Institutional Effectiveness, CUNY John Jay College, NY; ⁵ Zucker School of Medicine at Hofstra/Northwell, New York, NY
6:00 PM	26	Racial disparities in post-operative pain experience and treatment following cesarean birth John Poehlmann ¹ ; Tiffany Green ² ; Aimee T. Broman ³ ; Amy Godecker ⁴ ; Kathleen M. Antony ¹ ¹ University of Wisconsin, Madison, WI; ² University of Wisconsin - Madison, Madison, WI; ³ University of Wisconsin, Department of Biostatistics and Medical Informatics, Madison, WI; ⁴ University of Wisconsin Hospitals and Clinics, Madison, WI

THURSDAY, January 28, 2021 • 4:00 PM — 6:15 PM

Time	Abstract	Oral Concurrent Session 3 - Hypertension and Diabetes
4:00 PM	27	Metformin to treat Preterm Pre-eclampsia (PI-2): A randomised, double blind, placebo-controlled trial Catherine Anne Cluver ¹ ; Richard Hiscok ² ; Eric H. Decloedt ³ ; David R. Hall ³ ; Sonja Schell ³ ; Ben Mol ⁴ ; Fiona Brownfoot ⁵ ; Tu'uhevaha Kaitu'u-Lino ⁶ ; Susan Walker ⁷ ; Stephen Tong ⁸ ¹ Stellenbosch University, Cape Town, Western Cape; ² Mercy Perinatal, University of Melbourne, Australia; ³ Stellenbosch University, Western Cape, South Africa; ⁴ Monash University, Melbourne, Victoria; ⁵ Mercy Perinatal, Melbourne, Australia; ⁶ Mercy Perinatal, University of Melbourne, Melbourne, Australia; ⁷ Mercy Hospital for Women, University of Melbourne, Melbourne, Australia; ⁸ University of Melbourne, Melbourne, Australia
4:15 PM	28	Women with prior preeclampsia have higher rates of hypertension and persistent T helper-associated inflammation Sabrina Scroggins ¹ ; Gabrielle Gray ¹ ; Cassandra Berkey ² ; Robin E. Gandley ² ; Elizabeth F. Sutton ² ; Mary Gemmel ² ; Debra Brandt ¹ ; Donna Santillan ¹ ; Amy K. Stroud ¹ ; Virginia Nuckols ¹ ; Gary L. Pierce ¹ ; Carl A. Hubel ² ; Janet Catov ³ ; Mark Santillan ¹ ¹ University of Iowa, Iowa City, IA; ² Magee Women's Research Institute & Foundation, Pittsburgh, PA; ³ University of Pittsburgh, Pittsburgh, PA

THURSDAY, January 28, 2021 • 4:00 PM — 6:15 PM (continued)

Time	Abstract	Oral Concurrent Session 3 - Hypertension and Diabetes
4:30 PM	29	Detemir versus Insulin Neutral Protamine Hagedorn for Diabetes Mellitus: A Comparative-Effectiveness, Randomized Controlled Trial Michal Fishel Bartal ¹ ; Clara Ward ¹ ; Sean C. Blackwell ² ; Joycelyn A. Cornthwaite, RD, CDE ¹ ; Caroline C. Zhang ³ ; Jerrie Refuerzo ³ ; Claudia Pedroza ⁴ ; Kyung Hyun Lee ⁵ ; Suneet P. Chauhan ¹ ; Baha M. Sibai ¹ ¹ Department of Obstetrics, Gynecology and Reproductive Sciences McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth), Houston, TX; ² UT Health McGovern Medical School at Houston, Houston, TX; ³ McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth), Houston, TX; ⁴ McGovern Medical School, University of Texas Health Science Center at Houston, Houston, TX; ⁵ Center for Clinical Research and Evidence-Based Medicine, McGovern Medical School at The University of Texas Health Science Center at Houston, Houston, TX
4:45 PM	30	Viral and bacterial signatures impair trophoblast migration which is reversed by aspirin, aspirin-triggered-lipoxin and hydroxychloroquine. Daisy Leon-Martinez ¹ ; Vikki M. Abrahams ² ¹ Yale University School of Medicine, Milford, CT; ² Yale University School of Medicine, New Haven, CT
5:00 PM	31	Does Vitamin D Prophylaxis decrease the incidence of hypertensive disorders of pregnancy? Malini D. Persad ¹ ; Cara Staszewski ² ; Farzana Khan ³ ; Adeola F. Adeyeye ⁴ ; Brynn Franz ⁵ ; Victoria Ly ⁶ ; Marilyn Day ⁷ ; Elizabeth Varghese ⁷ ; Persad Shridevi ⁸ ; Tiffany Huettmann ⁹ ; Cynthia Kaplan ⁹ ; Tatyana Perseleni ⁹ ; Kimberly Herrera ³ ; David Garry ⁹ ; Diana Garretto ⁷ ¹ Penn State Health Milton S. Hershey Medical Center, Hershey, PA; ² Northwell Health, Nassau County, NY; ³ New York University, New York, NY; ⁴ UConn School of Medicine, West Hartford, CT; ⁵ University of South Carolina, Greenville, SC; ⁶ University of Rochester, Rochester, NY; ⁷ Stony Brook Medicine, Stony Brook, NY; ⁸ Long Island Jewish Medical Center, Jericho, NY; ⁹ Renaissance School of Medicine at Stony Brook University, Stony Brook, NY
5:15 PM	32	COVID-19 and new hypertensive disease in pregnancy Nigel Madden ¹ ; Ukachi Emeruwa ¹ ; Melanie Polin ¹ ; Shai Bejerano ² ; Cynthia Gyamfi-Bannerman ² ; Whitney A. Booker ² ¹ New York Presbyterian Hospital - Columbia University Irving Medical Center, New York, NY; ² Columbia University Irving Medical Center, New York, NY
5:30 PM	33	Improving Treatment for Hypertensive Emergencies among Pregnant and Postpartum Women Using a Hypertensive Pathway Intervention Nguyen Thao T. Nguyen ¹ ; Kelli Kurtovic ² ; Marie Evangelista ² ; Courtney Mitchell ² ; Rhiann Del Valle ² ; Sarah McWay Boling ² ; Brenna L. Hughes ² ¹ Duke University School of Medicine, Durham, NC; ² Duke University Medical Center, Durham, NC
5:45 PM	34	Long term effects of pregnancy on cardiovascular function: serial echocardiograms in non-hypertensive and hypertensive mice Corey Clifford ¹ ; Lidia Di Cerbo ² ; Alexis Poffenbarger ³ ; Ahmed Hamed ³ ; Baha M. Sibai ¹ ; Monica Longo ⁴ ¹ Department of Obstetrics, Gynecology and Reproductive Sciences McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth), Houston, TX; ² University of Modena and Reggio Emilia, Modena, Italy; ³ McGovern Medical School at the University of Texas Health Science Center at Houston (UTHealth), Houston, TX; ⁴ McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth), Houston, TX
6:00 PM	35	Additive risk of chronic hypertension in women with pregestational diabetes Benjamin Muller ; Brittany Austin; Nathan Gilreath; Ryan Cuff; Barbara Head; Eugene Chang; Jeffrey Korte; Matthew M. Finneran Medical University of South Carolina, Charleston, SC

FRIDAY, January 29, 2021 • 10:30 AM — 12:30 PM

Time	Abstract	Oral Plenary Session 2 — Fellows Plenary
10:30 AM	36	Racially inequitable definitions of anemia perpetuate disparities in maternal outcomes: time to change Rebecca F. Hamm ; Eileen Y. Wang; Lisa D. Levine; Sindhu K. Srinivas Maternal and Child Health Research Center, Department of Obstetrics & Gynecology, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA
10:45 AM	37	The shadow of social determinants: Geographic obstetric disparities predict regional COVID-19 burden Ponnilla S. Marinescu ¹ ; Courtney Olson-Chen ¹ ; J. Christopher Glantz ¹ ; Elaine L. Hill ² ; Stefanie J. Hollenbach ¹ ¹ University of Rochester Medical Center, Rochester, NY; ² University of Rochester, Rochester, NY
11:00 AM	38	Daily vs. Intermittent Iron Therapy in Moderate Iron Deficient Pregnant Patients: A Randomized Non-inferiority Trial Raminder K. Khangura ¹ ; Suzy Torti ² ; Lia Tesfay ² ; Frank Torti ² ; ChiaLing Kuo ² ; Erica Hammer ³ ; Stephanie Bakaysa ⁴ ; Winston Campbell ⁵ ¹ Henry Ford Health System, Detroit, MI; ² University of Connecticut, Farmington, CT; ³ Hartford Hospital, Hartford, CT; ⁴ Hartford Healthcare, Hartford, CT; ⁵ UConn Health, University of Connecticut School of Medicine, Farmington, CT
11:15 AM	39	Influenza in pregnancy and severe maternal morbidity in the United States, 2000-2015 Timothy Wen ¹ ; Brittany Arditi ² ; Laura E. Riley ³ ; Mary E. D'Alton ² ; Alexander M. Friedman ² ; Kartik K. Venkatesh ⁴ ¹ University of California, San Francisco, San Francisco, CA; ² Columbia University Irving Medical Center, New York, NY; ³ Weill Cornell Medicine, New York, NY; ⁴ The Ohio State University, Columbus, OH
11:30 AM	40	Assessing the association between BMI and blood pressures measured at alternative locations in obstetric patients Michelle Lende ; Paul Feustel; Ruba Alaffir; Tara Lynch Albany Medical Center, Albany, NY
11:45 AM	41	In Vitro Human Myometrial Contractility in Pregnancies Complicated with Obesity Hiba Mustafa ; Weston Upchurch; Rachel Vogel; Paul laizoo; Kate Neitzke; Lisa Gill University of Minnesota, Minneapolis, MN

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FRIDAY, January 29, 2021 • 10:30 AM — 12:30 PM (continued)

Time	Abstract	Oral Plenary Session 2 — Fellows Plenary
12:00 PM	42	Sleep-Disordered Breathing in Pregnancy and its Effect on Endothelial and Metabolic Dysfunction Mitchell Onslow ¹ ; Jennifer Wolsk ² ; Stephen Wisniewski ² ; Francesca Facco ¹ ¹ Magee-Womens Hospital, Pittsburgh, PA; ² University of Pittsburgh, Pittsburgh, PA
12:15 PM	43	Adding fetal surgery to general anesthesia does not impair brain development in the rabbit model Lennart Van der Veeke ¹ ; Doaa Emam ² ; Tom Bleaser ³ ; Ignacio J. Valenzuela ³ ; Steffen Rex ³ ; Jan Deprest ¹ ¹ Department of Development and Regeneration, Cluster Woman and Child, Biomedical Sciences, KU Leuven, Leuven, Belgium; ² Department Obstetrics and Gynaecology, University Hospitals Tanta, Tanta, Egypt / KU Leuven, Leuven, Belgium; ³ KU Leuven, Leuven, Belgium

FRIDAY, January 29, 2021 • 3:30 PM — 5:45 PM

Time	Abstract	Oral Concurrent Session 4 — Labor
3:30 PM	44	Six vs. Twelve Hours of Foley Catheter Placement for Induction: A Randomized Controlled Trial Sarah C. Lassey ¹ ; Hilary Haber ¹ ; Alexa N. Kanbergs ² ; Julian N. Robinson ³ ; Sarah E. Little ³ ¹ Brigham and Women's Hospital, Harvard Medical School, Boston, MA; ² Massachusetts General Hospital, Brookline, MA; ³ Brigham and Women's Hospital, Boston, MA
3:45 PM	45	Physical activity in pregnancy: Predictive of labor outcomes? Virginia Y. Watkins ¹ ; Carly O'Donnell ² ; Marta Perez ² ; Peinan Zhao ² ; Sarah K. England ² ; Nandini Raghuraman ² ¹ Barnes-Jewish Hospital, Brentwood, MO; ² Washington University in St. Louis, St. Louis, MO
4:00 PM	46	Length of labor and severe maternal morbidity in the NTSV population Benjamin J. Lengerich ¹ ; Rich Caruana ² ; William B. Weeks ³ ; Ian Painter ⁴ ; Sydney Spencer ³ ; Kristin Sitcov ⁴ ; Colleen Daly ⁵ ; Vivienne Souter ⁴ ¹ Carnegie Mellon University, Pittsburgh, PA; ² Microsoft Research, Redmond, WA; ³ Microsoft Corporation, Redmond, WA; ⁴ Foundation for Health Care Quality, Seattle, WA; ⁵ Microsoft HR, Redmond, WA
4:15 PM	47	A Double-Blinded Randomized Controlled Trial on Increased Intravenous Hydration in Nulliparous Women Undergoing Labor Induction Jennifer Duffy ¹ ; Erica Wu ² ; Alex Fong ³ ; Thomas J. Garite ⁴ ; Vineet Shrivastava ⁵ ¹ University of California, Irvine, Orange, CA; ² Stanford University Medical Center, Stanford, CA; ³ Kaiser Permanente Woman's Health Services, Orange County, Irvine, CA; ⁴ University of California Irvine Department of Obstetrics and Gynecology, Grand Junction, CO; ⁵ Long Beach Memorial Medical Center Women's Hospital, Long Beach, CA
4:30 PM	48	Buccal Versus Vaginal Misoprostol Combined with a Foley Catheter (BEGIN Trial): A Randomized Controlled Trial Helen B. Gomez ; Matthew Hoffman; Richard Caplan; Matthew H. Young; Kelly Ruhstaller; Anthony Sciscione Christiana Care Health System, Newark, DE
4:45 PM	50	The Role of pCO₂ in Umbilical Artery Gas Analysis: Predictive of Neonatal Morbidity? Drew M. Hensel ¹ ; Leilah Zahedi-Sprung ¹ ; Nandini Raghuraman ¹ ; Ebony B. Carter ¹ ; Alison G. Cahill ² ; Joshua Rosenbloom ³ ¹ Washington University in St. Louis, St. Louis, MO; ² The University of Texas at Austin, Dell Medical School, Austin, TX; ³ Washington University School of Medicine in St. Louis, St. Louis, MO
5:00 PM	51	A Multivariable Predictive Model for Success of External Cephalic Versions Carly M. Dahl ¹ ; Yue Zhang ¹ ; Janice Ong ¹ ; Chen Yen ² ; Moeun Son ³ ; Emily S. Miller ¹ ; Archana Roy ¹ ; William A. Grobman ² ¹ Northwestern University, Chicago, IL; ² Northwestern University Feinberg School of Medicine, Chicago, IL; ³ Yale University School of Medicine, New Haven, CT
5:15 PM	52	Vaginal isosorbide mononitrate for labor induction in pregnancies complicated by hypertensive diseases of pregnancy Stephen E. Gee ¹ ; Marwan Maayeh ² ; Stephen Thung ² ; Hannah Cackovic ² ; Mark B. Landon ³ ; Kara Rood ⁴ ¹ The Ohio State University, Columbus, OH; ² The Ohio State University College of Medicine, Columbus, OH; ³ The Ohio State University College of Medicine, Division of Maternal-Fetal Medicine, Department of Obstetrics & Gynecology, Columbus, OH; ⁴ The Ohio State Wexner Medical Center, Canal Winchester, OH

FRIDAY, January 29, 2021 • 3:30 PM — 5:45 PM

Time	Abstract	Oral Concurrent Session 5 - Morbidity and Mortality & Public/Global Health
3:30 PM	53	Postpartum blood pressure trajectories and risk of persistent hypertension following a hypertensive disorder of pregnancy Eesha Dave ¹ ; Benjamin Pifer ² ; Lara Lemon ³ ; Jacob Larkin ⁴ ; Anna Binstock ⁵ ; Hyagriv Simhan ⁶ ; Alisse Hauspurg ⁷ ¹ Magee-Womens Hospital, Pittsburgh, PA; ² University of Pittsburgh School of Medicine, Pittsburgh, PA; ³ Department of Clinical Analytics, University of Pittsburgh Medical Center, Pittsburgh, PA; ⁴ UPMC Magee-Womens Hospital, Pittsburgh, PA; ⁵ University of Pittsburgh, Pittsburgh, PA; ⁶ University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, Pittsburgh, PA; ⁷ Magee-Womens Hospital of UPMC, Pittsburgh, PA
3:45 PM	54	The association between social vulnerability and severe maternal morbidity Divya Mallampati ¹ ; Tracy A. Manuck ² ¹ University of North Carolina at Chapel Hill, Durham, NC; ² University of North Carolina, Chapel Hill, NC
4:00 PM	55	Early prenatal marijuana and nicotine exposure and child neurodevelopmental outcomes Marcela Smid ; Gwendolyn A. McMillin; Torri D. Metz for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network, Bethesda, MD

FRIDAY, January 29, 2021 • 3:30 PM — 5:45 PM (continued)

Time	Abstract	Oral Concurrent Session 5 - Morbidity and Mortality & Public/Global Health
4:15 PM	56	Timing of Perinatal Mental Health Needs: Data to Inform Policy Allie Sakowicz ¹ ; Emma Allen ¹ ; Aishwarya Nugooru ¹ ; William A. Grobman ¹ ; Emily S. Miller ² ¹ Northwestern University Feinberg School of Medicine, Chicago, IL; ² Northwestern University, Chicago, IL
4:30 PM	57	Randomized Control Trial of Postpartum Visits at 2 weeks and 6 weeks Iliana D. Pluym ¹ ; Megha Tandel ² ; Lorna Kwan ³ ; Thalia Mok ³ ; Kerry Holliman ³ ; Yalda Afshar ⁴ ; Rashmi Rao ⁵ ¹ University of California, Los Angeles, Santa Monica, CA; ² Department of Urology, University of California, Los Angeles, Los Angeles, CA; ³ University of California, Los Angeles, Los Angeles, CA; ⁴ Division of Maternal Fetal Medicine, Department of Obstetrics and Gynecology, University of California, Los Angeles, Pacific Palisades, CA; ⁵ Ronald Regan UCLA Medical Center, Los Angeles, CA
4:45 PM	58	PREGNANCY-RELATED DEATH (PRD) REVIEW OF TEN YEARS-FLORIDA 2009–2018 Washington C. Hill ¹ ; Sappenfield William ² ; Leticia Hernandez ³ ; Angela Thompson ⁴ ; Isaac Delke ⁵ ; Robert Yelverton ⁶ ; Gene Burkett ⁷ ; Anna Varlamov ⁸ ; Karen E. Harris ⁹ ; Kay Roussos-Ross ¹⁰ ; Cole Greves ¹¹ ; Deborah Burch ¹² ¹ Florida Department of Health/Centerplace Health, Sarasota, FL; ² University of South Florida, Tampa, FL; ³ Florida Department of Health, Florida Department of Health, FL; ⁴ Florida Department of Health, Tallahassee, FL; ⁵ University of Florida Health, Jacksonville, Jacksonville, FL; ⁶ Women's Care Florida, Gainesville, FL; ⁷ University of Miami Health, Maternal-Fetal Medicine, Obstetrics & Gynecology, Miami, FL; ⁸ Planned Parenthood of Southwest and Central Florida, Orlando, FL; ⁹ Women's Group of North Florida, Gainesville, FL; ¹⁰ University of Florida College of Medicine, Gainesville, FL; ¹¹ Maternal-Fetal Medicine, Winnie Palmer Hospital for Mother's and Babies, Orlando, FL; ¹² Florida Department of Health Maternal and Child Health, Tallahassee, FL
5:00 PM	59	Safety and efficacy of a risk-based obstetric heparin-based thromboprophylaxis regimen Michelle Y. Lu ¹ ; Christina T. Blanchard ¹ ; Kacie R. Oglesby ² ; Margaret R. Page ¹ ; Allison J. Lazenby ³ ; Elizabeth B. Ausbeck ¹ ; Gabriella D. Cozzi ¹ ; Rodrigo D. D. Muñoz Rogers ⁴ ; Elisa T. Bushman ¹ ; Elle R. Kaplan ⁴ ; Martha F. Ruzic ² ; Mythreyi Mahalingam ¹ ; Sarah A. Dunk ¹ ; Macie L. Champion ¹ ; Brian M. Casey ¹ ; Alan Tita ² ; Dhong-Jin Kim ¹ ; Jeff M. Szychowski ¹ ; Akila Subramaniam ¹ ¹ Center for Women's Reproductive Health, University of Alabama at Birmingham, Birmingham, AL; ² University of Alabama at Birmingham, Birmingham, AL; ³ School of Medicine, Louisiana State University - New Orleans, New Orleans, LA; ⁴ School of Medicine, University of Alabama at Birmingham, Birmingham, AL
5:15 PM	60	A prediction model for postpartum readmission for hypertension or preeclampsia Kartik K. Venkatesh ¹ ; Jenna Beckham ² ; Alexander M. Friedman ³ ; Kim Boggess ¹ ; Eric Jelovsek ⁴ ; David M. Stamilio ⁵ ¹ The Ohio State University, Columbus, OH; ² University of North Carolina, Raleigh, NC; ³ Columbia University Irving Medical Center, New York, NY; ⁴ Duke University, Durham, NC; ⁵ Wake Forest University School of Medicine, Winston Salem, NC
5:30 PM	61	Maternal mid-upper arm circumference is associated with small for gestational age in a Zambian cohort Ashley A. Appiagyei ¹ ; Bellington Vwalika ² ; Anne West Honart ³ ; Andrew Kumwenda ⁴ ; Chileshe Mabula ⁵ ; Katelyn Rittenhouse ¹ ; Margaret P. Kasaro ⁶ ; Elizabeth M. Stringer ¹ ; Jeffrey Stringer ¹ ; Joan T. Price ³ ¹ University of North Carolina, Chapel Hill, NC; ² University of Zambia School of Medicine, Lusaka, Zambia; ³ University of North Carolina at Chapel Hill, Chapel Hill, NC; ⁴ University of North Carolina-Global Projects Zambia, Chapel Hill, NC; ⁵ University of North Carolina-Global Projects Zambia, Chapel Hill, NC; ⁶ UNC Global Projects Zambia, Lusaka, Zambia

FRIDAY, January 29, 2021 • 3:30 PM — 5:45 PM

Time	Abstract	Oral Concurrent Session 6 - Ultrasound and Genetics
3:30 PM	62	Multicenter prospective study of SNP-based cfDNA screening for aneuploidy with genetic confirmation in 18,496 pregnancies Pe'er Dar ¹ ; Bo Jacobsson ² ; Cora MacPherson ³ ; Fergal D. Malone ⁴ ; Ronald J. Wapner ⁵ ; Ashley Roman ⁶ ; Asma Khalil ⁷ ; Revital Faro ⁸ ; Rajeevi Madankumar ⁹ ; Lance Edwards ¹⁰ ; Sina Haeri ¹¹ ; Robert M. Silver ¹² ; Nidhi Vohra ¹³ ; Jon Hyett ¹⁴ ; Garfield Clunie ¹⁵ ; Zachary Demko ¹⁶ ; Matt Rabinowitz ¹⁶ ; Hakon Hakonarson ¹⁷ ; Mary E. Norton ¹⁸ ¹ Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY; ² Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, Gothenburg, Vastra Gotaland; ³ George Washington University, Rockville, MD; ⁴ Royal College of Surgeons in Ireland, Dublin, Ireland, Dublin, Ireland; ⁵ Columbia University Irving Medical Center, New York, NY; ⁶ NYU Langone Health, New York, NY; ⁷ St George's Hospital University of London, London, England; ⁸ St Peters Hospital, New Brunswick, NJ; ⁹ Long Island Jewish Medical Center, Jericho, NY; ¹⁰ Suffolk Obstetrics & Gynecology, Port Jefferson, NY; ¹¹ Austin Maternal Fetal Medicine, Dallas, TX; ¹² University of Utah Health, Salt Lake City, UT; ¹³ Northwell Northshore Medical Center, Syosset, NY; ¹⁴ Royal Prince Alfred Hospital, New South Wales, Australia; ¹⁵ Mount Sinai, New York, NY; ¹⁶ Natera, Inc, San Carlos, CA; ¹⁷ Children's Hospital of Philadelphia, Philadelphia, PA; ¹⁸ University of California, San Francisco, San Francisco, CA
3:45 PM	63	Hydrops-Yielding Diagnostic Results Of Prenatal Exome Sequencing (HYDROPS) Trial - Prenatal WES for NIH Huda B. Al-Kouatly ¹ ; Mona M. Makhamreh ¹ ; Stephanie M. Rice ¹ ; Kelsey Smith ² ; Christopher Harman ³ ; Andrea Quinn ¹ ; Breanna Valcarcel ¹ ; Brandy Firman ¹ ; Ruby Liu ⁴ ; Madhuri Hedge ⁴ ; Elizabeth Critchlow ¹ ; Seth I. Berger ⁵ ¹ Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA; ² Integrated Genetics, Philadelphia, PA; ³ University of Maryland School of Medicine, Baltimore, MD; ⁴ PerkinElmer, Waltham, MA; ⁵ Center for Genetic Medicine Research, Children's National Medical Center, Washington DC, Washington, DC
4:00 PM	64	Longitudinal study of spiral artery and intravillous blood flow and adverse pregnancy outcomes Anthony Odibo ¹ ; Umit Kayisli ² ; Ozlem kayisli ³ ; Linda Odibo ² ; Frederick Schatz ² ; Yuanyuan Lu ² ; Henian Chen ² ; Richard Bronsteen ⁴ ; Charles Lockwood ⁵ ¹ University of South Florida Department of Obstetrics and Gynecology, Tampa, FL; ² USF-Morsani College of Medicine, Tampa, FL; ³ USF Morsani College of Medicine, Tampa, FL; ⁴ Oakland Beaumont University - Beaumont, Beaumont, MI; ⁵ Morsani College of Medicine, Tampa, FL

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FRIDAY, January 29, 2021 • 3:30 PM — 5:45 PM (continued)

Time	Abstract	Oral Concurrent Session 6 - Ultrasound and Genetics
4:15 PM	65	New SMFM definition of fetal growth restriction: Impact of adding AC < 10th percentile C. Andrew Combs¹ ; Ramon Castillo ² ; Gilbert Webb ³ ; Amber Del Rosario ⁴ ¹ Mednax National Medical Group, Campbell, CA; ² Regional Obstetric Consultants (Mednax), Jacksonville, FL; ³ Maternal Fetal Diagnostic Center of Atlanta (Mednax), Marietta, GA; ⁴ Obstetrix Medical Group (Mednax), San Jose, Campbell, CA
4:30 PM	66	Influence of maternal body mass index on interobserver variability of fetal biometry in late pregnancy Juliana Gevaerd Martins¹ ; Tetsuya Kawakita ¹ ; Margot M. Gurganus ² ; Dana Baraki ³ ; Priyanka Jain ³ ; Aris T. Papageorgiou ⁴ ; Alfred Abuhamad ³ ¹ Eastern Virginia Medical School, Virginia Beach, VA; ² University of Virginia, Charlottesville, VA; ³ Eastern Virginia Medical School, Norfolk, VA; ⁴ University of Oxford, England
4:45 PM	67	Multicenter prospective study of SNP-based cfDNA for 22q11.2 deletion in 18,289 pregnancies with genetic confirmation Pe'er Dar¹ ; Bo Jacobsson ² ; Melissa Egbert ³ ; Fergal D. Malone ⁴ ; Ronald J. Wapner ⁵ ; Ashley Roman ⁶ ; Asma Khalil ⁷ ; Revital Faro ⁸ ; Rajeevi Madankumar ⁹ ; Lance Edwards ¹⁰ ; Noel Strong ¹¹ ; Sina Haeri ¹² ; Robert M. Silver ¹³ ; Nidhi Vohra ¹⁴ ; Jon Hyett ¹⁵ ; Kim Martin ³ ; Rebecca Clifton ¹⁶ ; Charly Kao ¹⁷ ; Mary E. Norton ¹⁸ ¹ Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY; ² Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, Gothenburg, Vastra Gotaland; ³ Natera, Inc, San Carlos, CA; ⁴ Royal College of Surgeons in Ireland, Dublin, Ireland, Dublin, Ireland; ⁵ Columbia University Irving Medical Center, New York, NY; ⁶ NYU Langone Health, New York, NY; ⁷ St George's Hospital University of London, London, England; ⁸ St Peters Hospital, New Brunswick, NJ; ⁹ Long Island Jewish Medical Center, Jericho, NY; ¹⁰ Suffolk Obstetrics & Gynecology, Port Jefferson, NY; ¹¹ Icahn School of Medicine at Mount Sinai, New York, NY; ¹² Austin Maternal Fetal Medicine, Dallas, TX; ¹³ University of Utah Health, Salt Lake City, UT; ¹⁴ Northwell Northshore Medical Center, Syosset, NY; ¹⁵ Royal Prince Alfred Hospital, New South Wales, Australia; ¹⁶ George Washington University, Rockville, MD; ¹⁷ Childrens Hospital of Philadelphia, Center for Applied Genomics, Philadelphia, PA; ¹⁸ University of California, San Francisco, San Francisco, CA
5:00 PM	68	Dichorionic twin-specific versus singleton growth standards for diagnosis of fetal growth restriction Sarah K. Shea ; Benjamin Likins; Andrea Boan; Roger Newman; Matthew M. Finneran Medical University of South Carolina, Charleston, SC
5:15 PM	69	Testing a Telediagnostic Obstetric Ultrasound System Without a Trained Sonographer in a Low-Resource Peruvian Clinic Mariika Toscano¹ ; Thomas J. Marini ² ; Timothy M. Baran ² ; Brian Garra ³ ; Jonah Kan ⁴ ; Rosemary Quinn ⁴ ; Rafael Ortega ⁴ ; Tina Zhao ⁴ ; Ann M. Dozier ² ; Miguel S. Egoavil ⁵ ; Lorena Tamayo ⁵ ; Claudia Carlotto ⁵ ; Kathryn Drennan ¹ ; Benjamin Castaneda ⁶ ¹ University of Rochester, Rochester, NY; ² University of Rochester Medical Center, Rochester, NY; ³ Medical Imaging Ministries of the Americas, Clermont, FL; ⁴ University of Rochester School of Medicine and Dentistry, Rochester, NY; ⁵ Medical Innovation and Technology, Lima, Peru; ⁶ Pontificia Universidad Catolica del Peru, Lima, Peru
5:30 PM	70	Universal fetal echocardiography for pre-gestational diabetes: a cost-effectiveness analysis Leah M. Savitsky ; Catherine M. Albright University of Washington, Seattle, WA

SATURDAY, January 30, 2021 • 10:30 AM — 12:45 PM

Time	Abstract	Oral Concurrent Session 7 - Basic and Translational Science
10:30 AM	71	Microbes from non-human primates exposed to maternal high fat diet decrease serotonin <i>in vitro</i> Erin Bolte¹ ; Mindy Engevik ² ; Derek O'Neil ¹ ; James Versalovic ¹ ; Kjersti M. Aagaard ¹ ¹ Baylor College of Medicine, Houston, TX; ² Texas Children's Hospital, Houston, TX
10:45 AM	72	IL-17 stimulates B cells to secrete AT1-AA in hypertension and multi-organ tissue dysfunction during pregnancy James P. Hogg, III¹ ; Sarah Fitzgerald ² ; Evangeline Deer ² ; Lorena M. Amaral ² ; Denise Cornelius ³ ; James Lemon ⁴ ; Owen Herrock ² ; Tarek Ibrahim ² ; Babbette LaMarca ² ¹ Department of Obstetrics & Gynecology, University of Mississippi Medical Center, Jackson, MS; ² University of Mississippi Medical Center, Jackson, MS; ³ Department of Emergency Medicine, University of Mississippi Medical Center, Jackson, MS; ⁴ Department of Pharmacology & Toxicology, University of Mississippi Medical Center, Jackson, MS
11:00 AM	73	Evaluating the influence of maternal obesity on perinatal neuroinflammation Katherine M. Leonard¹ ; Jennifer Damicis ² ; Elisabeth Dornisch ² ; Irina Burd ³ ; Peter Napolitano ⁴ ; Jason Pates ⁵ ; Nicholas Ieronimakis ² ¹ Madigan Army Medical Center, US ARMY, Tacoma, WA; ² Madigan Army Medical Center, Tacoma, WA; ³ Johns Hopkins University, BALTIMORE, MD; ⁴ University of Washington, Seattle, WA; ⁵ Madigan Army Medical Center, Steilacoom, WA
11:15 AM	74	Central cortisol regulation in pregnancy Maria Andrikopoulou ; Sunil K. Panigrahi; Giselle D. Jaconia; Richard Smiley; Gabrielle Page-Wilson Columbia University Irving Medical Center, New York, NY
11:30 AM	75	AKT1 deficiency is linked to placental, fetal, and postnatal growth restriction Mae-Lan Winchester¹ ; Keisuke Kozai ¹ ; Khursheed Iqbal ² ; Masanaga Muto ¹ ; Regan Scott ¹ ; Michael Soares ² ¹ University of Kansas Medical Center, Kansas City, KS; ² Institute for Reproduction and Perinatal Research, Kansas City, KS
11:45 AM	76	The Transcriptome of Hypertensive Placentas: Superimposed preeclampsia as a transcriptionally distinct condition Ashley Hesson¹ ; Elizabeth S. Langen ¹ ; Olesya Plazyo ² ; Johann Gudjonsson ² ; Santhi Ganesh ² ¹ University of Michigan, Ann Arbor, MI; ² University of Michigan/ Ann Arbor, Ann Arbor, MI

SATURDAY, January 30, 2021 • 10:30 AM — 12:45 PM (continued)

Time	Abstract	Oral Concurrent Session 7 - Basic and Translational Science
12:00 PM	77	Role of Placental PAPP-A and IGF-II in placental growth in hypoxia-induced fetal growth restriction Emad Elsamadicy ; Loren Thompson University of Maryland School of Medicine, Baltimore, MD
12:15 PM	78	Preeclampsia Diminishes Pregnancy-augmented Myometrial H₂S Biosynthesis and Myometrial Artery Cystathionine β-Synthase Expression in Women Joshua Makhoul ¹ ; Thomas Lechuga ² ; Robert Day ² ; Qian-rong Qi ² ; Carol Major ³ ; Afshan B. Hameed ² ; Dong-bao Chen ² ¹ University of California Irvine Medical Center, Long Beach, CA; ² University of California, Irvine, Orange, CA; ³ University of California, Irvine, Irvine, CA
12:30 PM	79	Placental somatic mutation is associated with tissue infarction Nathan R. Blue ¹ ; Amelia Wallace ² ; Aaron Quinlan ² ; Tsegaselassie Workalemahu ³ ; Terry Morgan ⁴ ; Robert M. Silver ³ ¹ University of Utah Health, Dept. of OB/Gyn, Salt Lake City, UT; ² University of Utah Health, Department of Human Genetics, Salt Lake City, UT; ³ University of Utah Health, Salt Lake City, UT; ⁴ Oregon Health & Science University, Portland, OR

SATURDAY, January 30, 2021 • 10:30 AM — 1:00 PM

Time	Abstract	Oral Concurrent Session 8 - Fetal Physiology & Intervention
10:30 AM	80	Outcomes of percutaneous fetoscopic open spina bifida (OSB) repair Ramen H. Chmait ¹ ; Jason Chu ² ; Efthimia V. Kontopoulos ³ ; Alexander Van Speybroeck ² ; Huyen Q. Pham ⁴ ; Skorn Ponrartana ² ; Andrew H. Chon ¹ ; Arlyn Llanes ¹ ; Lisa M. Korst ⁵ ; Ruben A. Quintero ³ ¹ Keck School of Medicine, University of Southern California, Los Angeles, CA; ² Keck School of Medicine of University of Southern California, Children's Hospital Los Angeles, Los Angeles, CA; ³ USFetus Research Consortium, Miami, FL; ⁴ Division of Gynecologic Oncology, Department of Obstetrics and Gynecology, University of Southern California, Los Angeles, CA; ⁵ Childbirth Research Associates, Childbirth Research Associates, CA
10:45 AM	81	A three-layer fetoscopic spina bifida closure has fewer neonatal complications than open in-utero closure Jimmy Espinoza ¹ ; Michael A. Belfort ¹ ; William Whitehead ² ; Magdalena Sanz-Cortes ³ ; Ahmed A. Nassr ¹ ; Roopali Donepudi ¹ ; Raphael Sun ⁴ ; Eyal Krispin ⁵ ; Alireza A. Shamshirsaz ¹ ¹ Department of Obstetrics and Gynecology, Baylor College of Medicine/Texas Children's Hospital, Houston, TX; ² Department of Neurosurgery, Baylor College of Medicine/Texas Children's Hospital, Baylor College of Medicine, TX; ³ Texas Children's Pavilion for Women, Baylor College of Medicine, Houston, TX; ⁴ Texas Children's Hospital, Baylor College of Medicine, Houston, TX; ⁵ Baylor College of Medicine/Texas Children's Hospital, Houston, TX
11:00 AM	82	Neuroprotection is improved by watertightness of spina bifida repair in the fetal lamb Luc Joyeux ¹ ; Johannes van der Merwe ² ; Michael Aertsen ² ; Premal A. Patel ³ ; Ahmad Khatoun ⁴ ; Marina G. M. C. Mori da Cunha ⁴ ; Stephanie De Vleeschauwer ⁵ ; Johanna Parra ⁶ ; Enrico Danzer ⁷ ; Myles Mc Laughlin ⁴ ; Danail Stoyanov ⁸ ; Tom Vercauteren ⁹ ; Sebastien Ourselin ⁹ ; Paolo De Coppi ¹⁰ ; Enrico Radaelli ¹¹ ; Frank Van Calenbergh ¹² ; Jan Depraet ¹³ ¹ My FetUZ Fetal Research Center, Department of Development and Regeneration, Cluster Woman and Child, KU Leuven, Leuven, Belgium; ² University Hospitals Leuven, Leuven, Belgium; ³ Great Ormond Street Hospital for Children, London, United Kingdom; ⁴ KU Leuven, Leuven, Belgium; ⁵ Animal Research Center, Biomedical Sciences, KU Leuven, Leuven, Belgium; ⁶ University of Barcelona, Catalonia, Spain; ⁷ Kaiser Permanente Santa Clara Medical Center, Kaiser Permanente Santa Clara Medical Center, CA; ⁸ University College London, London, United Kingdom; ⁹ King's College London, London, United Kingdom; ¹⁰ Department of Pediatric Surgery, Great Ormond Street Hospital, NHS trust, London, Great Ormond Street Hospital, UCLH, England; ¹¹ Ryan Veterinary Hospital, University of Pennsylvania School of Veterinary Medicine, Ryan Veterinary Hospital, University of Pennsylvania School of Veterinary Medicine, PA; ¹² Department of Neurosurgery, University Hospital Gasthuisberg UZ Leuven, Leuven, Belgium; ¹³ Department of Development and Regeneration, Cluster Woman and Child, Biomedical Sciences, KU Leuven, Leuven, Belgium
11:15 AM	83	Ambulatory status after prenatal (fetoscopic/open) and postnatal spina bifida repair. Predictors for independent ambulation Magdalena Sanz-Cortes ¹ ; Romain Corroenne ² ; Jonathan Castillo ³ ; William Whitehead ⁴ ; Heidi Castillo ³ ; Becky Johnson ⁵ ; Chilaka Ugoji ⁵ ; Jimmy Espinoza ² ; Alireza A. Shamshirsaz ² ; Ahmed A. Nassr ² ; Roopali Donepudi ² ; Michael A. Belfort ² ¹ Texas Children's Pavilion for Women, Baylor College of Medicine, Houston, TX; ² Department of Obstetrics and Gynecology, Baylor College of Medicine/Texas Children's Hospital, Houston, TX; ³ Texas Children's Hospital, Houston, TX; ⁴ Department of Neurosurgery, Baylor College of Medicine/Texas Children's Hospital, Baylor College of Medicine, TX; ⁵ Baylor College of Medicine, Department of Obstetrics and Gynecology, Houston, TX
11:30 AM	84	The association between persistent hypotension and small for gestational age neonates Samantha de los Reyes ¹ ; Beth Plunkett ² ; Annie Dude ³ ¹ University of Chicago/NorthShore University HealthSystem, Evanston, IL; ² Evanston Hospital, NorthShore University HealthSystem, Evanston, IL; ³ University of Chicago, Chicago, IL
11:45 AM	85	Prevention of preterm delivery after fetoscopy for twin-twin transfusion: a multicenter prospective cohort study Cara Buskmiller ¹ ; Eric P. Bergh ¹ ; Jena L. Miller ² ; Ahmet A. Baschat ² ; Henry L. Galan ³ ; Nicholas J. Behrendt ⁴ ; Mounira Habi ⁵ ; Jose L. Piero ⁶ ; Saul Snowise ⁷ ; James Fisher ⁸ ; Cora MacPherson ⁹ ; Elizabeth Thom ¹⁰ ; Anthony Johnson ¹ ; Sean C. Blackwell ¹¹ ; Ramesha Papanna ¹ ¹ Department of Obstetrics, Gynecology and Reproductive Sciences McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth), Houston, TX; ² Johns Hopkins Center for Fetal Therapy, Baltimore, MD; ³ University of Colorado School of Medicine, Aurora, CO; ⁴ University of Colorado School of Medicine Department of OBGYN, Aurora, CO; ⁵ Cincinnati Children's Fetal Care Center, Cincinnati, OH; ⁶ University of Cincinnati Department of Surgery, Cincinnati, OH; ⁷ Allina Health, Minneapolis, MN; ⁸ Midwest Fetal Care Center, Minneapolis, MN; ⁹ George Washington University, Rockville, MD; ¹⁰ George Washington University Biostatistics Center, Rockville, MD; ¹¹ UT Health McGovern Medical School at Houston, Houston, TX

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SATURDAY, January 30, 2021 • 10:30 AM — 1:00 PM (continued)

Time	Abstract	Oral Concurrent Session 8 - Fetal Physiology & Intervention
12:00 PM	86	Amniotic fluid microRNA profiles in twin-twin transfusion syndrome with and without severe cardiomyopathy Emily C. Willner¹ ; Henry L. Galan ¹ ; Bonnie Neltner ² ; Hilary A. Hoffman ³ ; Anis Karimpour-Fard ² ; Shelley D. Miyamoto ³ ; Carmen C. Sucharov ² ¹ University of Colorado School of Medicine, Aurora, CO; ² University of Colorado, Aurora, CO; ³ Children's Hospital Colorado, Aurora, CO
12:15 PM	87	Prenatal maternal mental distress impairs newborn amygdala growth and infant neurodevelopment at 18 months Yao Wu¹ ; Anushree Kappe ¹ ; Kristina Espinosa ¹ ; Kushal Kappe ¹ ; Catherine Lopez ² ; Jessica L. Quistorff ¹ ; Erin Clements ¹ ; Adre du Plessis ¹ ; Catherine Limperopoulos ¹ ¹ Children's National Hospital, Washington, DC; ² Children's National Medical Center, Washington, DC
12:30 PM	88	Contemporary experience of management and outcomes of TTTS at NAFNet Centers William Goodnight¹ ; Anthony Johnson ² ; Stephen Emery ³ ; Samuel Demers ⁴ ; Greg Ryan ⁵ ¹ University of North Carolina, Raleigh, NC; ² Department of Obstetrics, Gynecology and Reproductive Sciences McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth), Houston, TX; ³ Magee-Womens Hospital, Pittsburgh, PA; ⁴ University of North Carolina School of Medicine, Chapel Hill, NC; ⁵ Mount Sinai Hospital, Toronto, Canada
12:45 PM	49	Normal Labor Curve in Twin Gestations Hila Hochler¹ ; Joshua Guedalia ² ; Michal Lipschuetz ³ ; Asnat Walfisch ⁴ ; Simcha Yagel ³ ; Efrat Guedalia-Friedman ⁵ ; Ron Unger ⁶ ; Sergienco Ruslan ⁷ ; Israel Yoles ⁸ ; Doron Kabiri ³ ; Eyal Sheiner ⁹ ¹ Department of Obstetrics and Gynecology, Hadassah Hebrew University Medical Center, Mount-Scopus, Jerusalem, Israel; ² The Mina and Everard Goodman Faculty of Life Sciences, Bar-Ilan University, Ramat-Gan, Israel; ³ Hadassah-Hebrew University Medical Center, Jerusalem, Israel; ⁴ Soroka University Medical Center, Jerusalem, Israel; ⁵ Ben Gurion University of the Negev, Beer-Sheva, Israel; ⁶ The Mina and Everard Goodman Faculty of Life Sciences, Bar-Ilan University, Ramat-Gan, Ramat-Gan, Israel; ⁷ Department of Public Health, School of Public Health, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel; ⁸ The Central District, Callit Health Services, Beit Gamliel; ⁹ Department of Obstetrics and Gynecology, Soroka University Medical Center, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel

SATURDAY, January 30, 2021 • 10:30 AM — 1:00 PM

Time	Abstract	Oral Concurrent Session 9 - Infectious Diseases
10:30 AM	89	Association of chronic comorbid disease and severe maternal morbidity among pregnant patients with influenza Brittany Arditi¹ ; Timothy Wen ² ; Laura E. Riley ³ ; Mary E. D'Alton ¹ ; Alexander M. Friedman ¹ ; Kartik K. Venkatesh ⁴ ¹ Columbia University Irving Medical Center, New York, NY; ² University of California, San Francisco, San Francisco, CA; ³ Weill Cornell Medicine, New York, NY; ⁴ The Ohio State University, Columbus, OH
10:45 AM	90	Placental transfer of SARS-CoV-2 specific antibodies from mothers to newborns Fatima A. Estrada Trejo¹ ; Hadley Pfalzgraf ² ; Avish Arora ³ ; Aakash Mahant Mahant ² ; Betsy Herold ⁴ ¹ Montefiore Medical Center, Bronx, NY; ² Department of Microbiology-Immunology, Albert Einstein College of Medicine, Bronx, NY; ³ Department of Obstetrics & Gynecology and Women's health, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY; ⁴ Department of Microbiology-Immunology, Albert Einstein College of Medicine, Department of Pediatrics, Montefiore Medical Center, Bronx, NY
11:00 AM	91	Utility of serial amniotic fluid analysis for intrapartum infection prediction of Triple-I: our first steps Adam Crosland¹ ; Kenneth Chan ² ¹ University of California, Irvine Department of Obstetrics and Gynecology, Long Beach, CA; ² Long Beach Memorial Medical Center Women's Hospital, Long Beach, CA
11:15 AM	92	Assessment of ANKLE2 as a mediator of Zika associated microcephaly in a murine KO model Maxim Seferovic¹ ; Nichole Link; Hugo Bellen; Kjersti M. Aagaard Baylor College of Medicine, Houston, TX
11:30 AM	93	Characterizing the key mediators of SARS-CoV-2 infection in the human placenta: is vertical transmission possible? Emily Sheikh¹ ; Elisabeth Dornisch ² ; Jennifer Damicis ² ; Jason Pates ³ ; Peter Napolitano ⁴ ; Nicholas Ieronimakis ² ¹ Madigan Army Medical Center, Lacey, WA; ² Madigan Army Medical Center, Tacoma, WA; ³ Madigan Army Medical Center, Steilacoom, WA; ⁴ University of Washington, Seattle, WA
11:45 AM	94	Perinatal outcomes of asymptomatic versus symptomatic COVID positive pregnant women Maria Andrikopoulou¹ ; Cynthia Gyamfi-Bannerman; Shai Bejerano; Elizabeth Ludwig; Richard L. Berkowitz Columbia University Irving Medical Center, New York, NY
12:00 PM	95	Elevated prenatal maternal stress during Covid-19 alters fetal biochemical profiles Subeekhya Pradhan¹ ; Nickie N. Andescavage ² ; Haleema Saeed ³ ; Kushal Kappe ¹ ; Nicole Andersen ¹ ; Jessica L. Quistorff ¹ ; Catherine Lopez ⁴ ; Catherine Limperopoulos ¹ ¹ Children's National Hospital, Washington, DC; ² Children's National Health System, Washington, DC; ³ Washington Hospital Center, Washington, DC; ⁴ Children's National Medical Center, Washington, DC
12:15 PM	96	Preterm birth disparities at a single United States academic institution during the COVID pandemic Amanda M. Craig¹ ; Sarah Dotters-Katz ¹ ; Kristin Weaver ¹ ; Jennifer Gilner ² ; Geeta Swamy ¹ ; Brenna L. Hughes ² ; Sarah M. Wheeler ² ¹ Duke University, Durham, NC; ² Duke University Medical Center, Durham, NC

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SATURDAY, January 30, 2021 • 10:30 AM — 1:00 PM (continued)

Time Abstract Oral Concurrent Session 9 - Infectious Diseases

12:30 PM	97	The impact of peak and duration of maternal intrapartum fever on perinatal outcomes Hila Hochler¹; Michal Lipschuetz²; Sarah Cohen¹; Joshua Guedalia³; Simcha Yagel²; Doron Kabiri²; Asnat Walfisch⁴ ¹Department of Obstetrics and Gynecology, Hadassah Hebrew University Medical Center, Mount-Scopus, Jerusalem, Israel; ²Hadassah-Hebrew University Medical Center, Jerusalem, Israel; ³The Mina and Everard Goodman Faculty of Life Sciences, Bar-Ilan University, Ramat-Gan, Israel; ⁴Soroka University Medical Center, Jerusalem, Israel
12:45 PM	98	Smartphone-based counseling and support platform and the effect on postpartum lactation-a randomized controlled trial Hadas Miremborg¹; Karen Yirmiya²; Shiran Rona³; Noa Gonen⁴; Or Marom⁵; Alona Pohl⁵; Michal Kovo⁴; Jacob Bar⁴; Eran Weiner⁴ ¹Edith Wolfson Medical Center, Holon, Israel; ²Department of Psychology, Bar-Ilan University, Israel and Interdisciplinary Center, Herzliya, Israel; ³The Edith Wolfson Medical Center, Tel Aviv, Israel; ⁴Department of Obstetrics & Gynecology, the Edith Wolfson Medical Center, Holon, Israel; ⁵The Edith Wolfson Medical Center, Holon, Israel

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Brent A. Langellier, Paul J. Fleming, Jessie B. Kemmick Pintor, Jim P. Stimpson
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Marissa B. Esser, Cassandra M. Pickens, Gery P. Guy Jr, Mary E. Evans
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Lily D. Yan, Mohammed K. Ali, Kiersten L. Strombotne
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Hongying Dai

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Laura A. Gibson, Hannah G. Lawman, Sara N. Bleich, ... Michael T. LeVasseur, Caitlin M.

Lowery, Christina A. Roberto

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☐ **Barriers to Implementing Cardiovascular Risk Calculation in Primary Care: Alignment With the Consolidated Framework for Implementation Research**

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Photograph courtesy of the University of North Dakota

Students: From left to right, Mariah Star Cooper, Donald Warne, and Christy Kingfisher meet during a prepandemic program of Indians Into Medicine (INMED) at the University of North Dakota medical school. Cooper and Kingfisher are fourth-year medical students. Warne is INMED's director. See Leading To Health on page 192.

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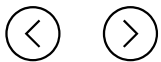
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JAMA. 2021;325(5):e2017773. doi:10.1001/jama.2020.17773



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Original Investigation

Association Between County-Level Change in Economic Prosperity and Change in Cardiovascular Mortality Among Middle-aged US Adults

Sameed Ahmed M. Khatana, MD, MPH; Atheendar S. Venkataramani, MD, PhD; Ashwin S. Nathan, MD; et al.

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

This population epidemiology study estimates the association between changes in county-level economic prosperity and changes in cardiovascular mortality in US adults aged 40 to 64 years between 2007-2011 and 2012-2016.

Editorial

Economic Prosperity and Cardiovascular Mortality: Further Evidence That All Policy Is Health Policy

William B. Weeks, MD, PhD, MBA; James N. Weinstein, DO, MS

Association Between Dispatch of Mobile Stroke Units and Functional Outcomes Among Patients With Acute Ischemic Stroke in Berlin

Martin Ebinger, MD; Bob Siegerink, PhD; Alexander Kunz, MD; et al.

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This cohort study compares global disability at 3 months among Berlin patients with out-of-hospital ischemic stroke brought to care via a mobile stroke unit ambulance (with prehospital CT scanning with or without angiography, point-of-care laboratory testing, prehospital thrombolysis) vs conventional ambulance alone.

Editorial

Improving Stroke Treatment and Outcomes With Mobile Stroke Units

Kristi G. Bache, PhD; James C. Grotta, MD

Molecular Diagnostic Yield of Exome Sequencing in Patients With Cerebral Palsy

Andrés Moreno-De-Luca, MD; Francisca Millan, MD; Denis R. Pesacrete, BS; et al.

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

This cross-sectional study describes the prevalence of pathogenic and likely pathogenic variants detected on exome sequencing of children and adults with cerebral palsy referred for genetic testing.

Advertisement

Research Letter

Screening for Asymptomatic Carotid Artery Stenosis in the General Population: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Janelle M. Guirguis-Blake, MD; Elizabeth M. Webber, MS; Erin L. Coppola, MPH

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

FREE  JAMA. 2021;325(5):487-489. doi:10.1001/jama.2020.20364

This systematic review to support the 2021 US Preventive Services Task Force Reaffirmation Recommendation Statement on screening for carotid artery stenosis summarizes published evidence on the benefits and harms of screening and treatment of asymptomatic carotid artery stenosis in the general population.



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

Editorial

USPSTF Recommendations for Screening for Carotid Stenosis to Prevent Stroke—The Need for More Data

Rebecca Smith-Bindman, MD; Kirsten Bibbins-Domingo, PhD, MD, MAS

Screening for Asymptomatic Carotid Artery Stenosis in Adult Patients: Unclear Benefit but Downstream Risks

Salomeh Keyhani, MD, MPH; Eric M. Cheng, MD



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Screening for Asymptomatic Carotid Artery Stenosis: Lack of Clinical Benefit, Potential for Harm

Larry B. Goldstein, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

Asymptomatic SARS-CoV-2 Infections Among Persons Entering China From April 16 to October 12, 2020

Ruiqi Ren, MD; Yanping Zhang, MD; Qun Li, MD; et al.

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

  JAMA. 2021;325(5):489-492. doi:10.1001/jama.2020.23942

This population epidemiology study characterizes trends in the prevalence of asymptomatic severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection among international entrants testing positive for SARS-CoV-2 at Chinese border checkpoints between mid-April and mid-October 2020.

US Preventive Services Task Force

Recommendation Statement

Screening for Asymptomatic Carotid Artery Stenosis: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

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   JAMA. 2021;325(5):476-481. doi:10.1001/jama.2020.26988

This 2021 US Preventive Services Task Force Recommendation Statement recommends against screening for asymptomatic carotid artery stenosis in the general adult population (D recommendation).



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

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Larry B. Goldstein, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

Viewpoint

Health Policy

Reducing Administrative Waste in the US Health Care System

Robert P. Kocher, MD

Abstract | **Full Text**

JAMA. 2021;325(5):427-428. doi:10.1001/jama.2020.24767

This Viewpoint reviews the history and sources of administrative waste in the US health care system and proposes concrete ways the federal government can use its regulatory authority to reduce it based on the ACA and more recent legislative precedents.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

Ensuring Quality in the Era of Virtual Care

Kurt R. Herzer, MD, PhD, MSc; Peter J. Pronovost, MD, PhD

Abstract | **Full Text**

 JAMA. 2021;325(5):429-430. doi:10.1001/jama.2020.24955

This Viewpoint discusses residual questions about virtual health care as a substitute for in-person visits during the COVID-19 pandemic and proposes principles of safety, effectiveness, efficiency, patient-centeredness, and equitability to guide the growth of telehealth care in the future.



Conversations with Dr Bauchner: Ensuring Quality in the Era of Virtual Care

Editorial

Virtual Care, Telemedicine Visits, and Real Connection in the Era of COVID-19: Unforeseen Opportunity in the Face of Adversity

Donna M. Zulman, MD, MS; Abraham Verghese, MD



Conversations with Dr Bauchner: Ensuring Quality in the Era of Virtual Care

Paying for Telemedicine After the Pandemic

Ateev Mehrotra, MD; R. Sacha Bhatia, MD; Centaine L. Snoswell, PhD

Abstract | Full Text

JAMA. 2021;325(5):431-432. doi:10.1001/jama.2020.25706

This Viewpoint discusses the importance of value as policy makers consider the role of telemedicine for the remainder of and following the COVID-19 pandemic, and how to calibrate payment for services to that value in a likely expansion of video and audio-only visits.

Editorial

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Donna M. Zulman, MD, MS; Abraham Verghese, MD



Conversations with Dr Bauchner: Ensuring Quality in the Era of Virtual Care

Obesity Management in Women of Reproductive Age

S. Michelle Ogunwole, MD; Chloe A. Zera, MD, MPH; Fatima Cody Stanford, MD, MPH, MPA

Abstract | Full Text

JAMA. 2021;325(5):433-434. doi:10.1001/jama.2020.21096

This Viewpoint summarizes obstetric complications of overweight and obesity, including adverse pregnancy outcomes, gestational diabetes, and hypertensive disorders, and reviews weight management options available to patients and their treating physicians.

A Piece of My Mind

The In-between

Jessica L. Colburn, MD

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

JAMA. 2021;325(5):435-436. doi:10.1001/jama.2020.25885

In this narrative medicine essay, a geriatrician memory of a neuroradiology fellow's words of calm when breaking the news that her 8-year-old daughter had a brain tumor often bubbles up years later when she breaks bad news to patients with COVID who are without the support of friends or family.

Editorial

Virtual Care, Telemedicine Visits, and Real Connection in the Era of COVID-19: Unforeseen Opportunity in the Face of Adversity

Donna M. Zulman, MD, MS; Abraham Verghese, MD

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JAMA. 2021;325(5):437-438. doi:10.1001/jama.2020.27304



Conversations with Dr Bauchner: Ensuring Quality in the Era of Virtual Care

Economic Prosperity and Cardiovascular Mortality: Further Evidence That All Policy Is Health Policy

William B. Weeks, MD, PhD, MBA; James N. Weinstein, DO, MS

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JAMA. 2021;325(5):439-440. doi:10.1001/jama.2020.26717

Improving Stroke Treatment and Outcomes With Mobile Stroke Units

Kristi G. Bache, PhD; James C. Grotta, MD

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JAMA. 2021;325(5):441-442. doi:10.1001/jama.2020.25832

Screening for Asymptomatic Carotid Artery Stenosis: Lack of Clinical Benefit, Potential for Harm

Larry B. Goldstein, MD

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 JAMA. 2021;325(5):443-444. doi:10.1001/jama.2020.26440



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

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USPSTF Recommendations for Screening for Carotid Stenosis to Prevent Stroke—The Need for More Data

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Salomeh Keyhani, MD, MPH; Eric M. Cheng, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

JAMA Clinical Guidelines Synopsis

Management of Immunotherapy-Related Toxicities in Patients Treated With Immune Checkpoint Inhibitor Therapy

Pankti D. Reid, MD, MPH; Adam S. Cifu, MD; Anne R. Bass, MD

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

 JAMA. 2021;325(5):482-483. doi:10.1001/jama.2020.17308

This JAMA Clinical Guidelines Synopsis summarizes the National Comprehensive Cancer Network's 2019 guidelines on management of immunotherapy-related toxicities, including adverse skin reaction, colitis, and myocarditis.



Audio Clinical Review: Management of Immunotherapy-Related Toxicities

JAMA Diagnostic Test Interpretation

APOE ε4 Allele Testing and Risk of Alzheimer Disease

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

 CME JAMA. 2021;325(5):484-485. doi:10.1001/jama.2020.15085

A 64-year-old man underwent *APOE ε4* allele testing for 3 years of forgetfulness and word-finding difficulties and a family history of early-onset dementia, with results positive for genotypes 3 and 4 indicating “with high specificity, that Alzheimer’s disease is the cause of or a contributor to the observed dementia.” What would you do next?

Medical News & Perspectives

Therapists Donate Their Time to Counsel Distressed Health Care Workers

Mary Chris Jaklevic, MSJ

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

  CME  JAMA. 2021;325(5):420-422. doi:10.1001/jama.2020.25689

This Medical News article describes organizations that have recruited therapists to offer free or discounted mental health services to health care workers during the COVID-19 pandemic.



JAMA Medical News Audio: February 2021 Medical News Summary

News From the Food and Drug Administration

Adjuvant Therapy Approved for NSCLC

Rebecca Voelker, MSJ

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

JAMA. 2021;325(5):426. doi:10.1001/jama.2021.0168

Tighter Requirements to Ensure Safer Opioid Prescribing

Rebecca Voelker, MSJ

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

JAMA. 2021;325(5):426. doi:10.1001/jama.2021.0050

Dedicated Device Permits Less Invasive Pancreatic Surgery

Rebecca Voelker, MSJ

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

JAMA. 2021;325(5):426. doi:10.1001/jama.2021.0170

The JAMA Forum

Dying Poor in the US—Disparities in End-of-Life Care

Melissa W. Wachterman, MD, MPH, MSc; Benjamin D. Sommers, MD, PhD

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

 JAMA. 2021;325(5):423-424. doi:10.1001/jama.2020.26162

Bench to Bedside

Autoantibodies May Drive COVID-19 Blood Clots

Tracy Hampton, PhD

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

  CME JAMA. 2021;325(5):425. doi:10.1001/jama.2020.25699

The Arts and Medicine

Innocence in America—Reading James Baldwin in 2020

Alok A. Khorana, MD

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

JAMA. 2021;325(5):418-419. doi:10.1001/jama.2020.22102

This Arts and Medicine feature offers an appreciation of mid-20th century novelist, essayist, memoirist, and civil rights activist James Baldwin and argues for his continuing relevance to medicine and society at large.

Poetry and Medicine

I Dream of Animals During the Pandemic

M. Cynthia Cheung, MD

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

JAMA. 2021;325(5):495. doi:10.1001/jama.2020.22849

JAMA Revisited

Current Comment

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

JAMA. 2021;325(5):496. doi:10.1001/jama.2020.17774

JAMA Patient Page

Screening for Carotid Artery Stenosis

Jill Jin, MD, MPH

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

FREE  JAMA. 2021;325(5):500. doi:10.1001/jama.2021.0035

This JAMA Patient Page summarizes the US Preventive Services Task Force's 2021 recommendation not to screen for asymptomatic carotid artery stenosis in the general population.



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

Editorial

USPSTF Recommendations for Screening for Carotid Stenosis to Prevent Stroke—The Need for More Data

Rebecca Smith-Bindman, MD; Kirsten Bibbins-Domingo, PhD, MD, MAS

Screening for Asymptomatic Carotid Artery Stenosis in Adult Patients: Unclear Benefit but Downstream Risks

Salomeh Keyhani, MD, MPH; Eric M. Cheng, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

Screening for Asymptomatic Carotid Artery Stenosis: Lack of Clinical Benefit, Potential for Harm

Larry B. Goldstein, MD



Conversations with Dr Bauchner: USPSTF Recommendation: Carotid Artery Stenosis

Comment & Response

Determination of Brain Death

Christos Lazaridis, MD, EDIC; L. Syd M. Johnson, PhD

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

JAMA. 2021;325(5):492. doi:10.1001/jama.2020.23228

Determination of Brain Death

Emily T. Cohen, MD; Robert S. Hoffman, MD

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

JAMA. 2021;325(5):492-493. doi:10.1001/jama.2020.23222

Determination of Brain Death

Sérgio Brasil, MD, PhD; Ricardo de Carvalho Nogueira, MD, PhD; Marcelo de-Lima-Oliveira, MD, MSc

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

JAMA. 2021;325(5):493. doi:10.1001/jama.2020.23225

Determination of Brain Death

Trevor M. Bibler, PhD; Alison Suen, PhD

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

JAMA. 2021;325(5):493-494. doi:10.1001/jama.2020.23231

Determination of Brain Death—Reply

Gene Sung, MD, MPH; Ariane Lewis, MD; David Greer, MD, MA

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

JAMA. 2021;325(5):494. doi:10.1001/jama.2020.23234

Correction

Errors in Figure Labels

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

New
Online

Current
Issue

Past
Issues

March 2021 - July 1883

Decade

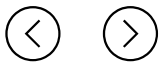
Year

2020s

2021

Issue

February 9; 325 (6): 507-596



February 9, 2021, Vol 325, No. 6, Pages 507-596

In This Issue of JAMA

Audio Highlights

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

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JAMA. 2021;325(6):e2017785. doi:10.1001/jama.2020.17785



Audio Editors' Summary: Exercise Training for HFpEF, Blood Transfusion for AMI and Anemia, Review of Hip and Knee OA, and more

Original Investigation

Effect of High-Intensity Interval Training, Moderate Continuous Training, or Guideline-Based Physical Activity Advice on Peak Oxygen Consumption in Patients With Heart Failure With Preserved Ejection Fraction: A Randomized Clinical Trial

Stephan Mueller, MA; Ephraim B. Winzer, MD; André Duvinage, MD; et al.

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

 CME JAMA. 2021;325(6):542-551. doi:10.1001/jama.2020.26812

This randomized trial compares the effects of high-intensity interval training, moderate continuous training, and guideline-based physical activity on change in peak oxygen consumption ($\dot{V}O_2$) in patients with heart failure with preserved ejection fraction (HFpEF).

Editorial

Searching for the Optimal Exercise Training Regimen in Heart Failure With Preserved Ejection Fraction

Ambarish Pandey, MD, MSCS; Dalane W. Kitzman, MD

Effect of a Restrictive vs Liberal Blood Transfusion Strategy on Major Cardiovascular Events Among Patients With Acute Myocardial Infarction and Anemia: The REALITY Randomized Clinical Trial

Gregory Ducrocq, MD, PhD; Jose R. Gonzalez-Juanatey, MD; Etienne Puymirat, MD; et al.

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

JAMA. 2021;325(6):552-560. doi:10.1001/jama.2021.0135

This noninferiority trial compares the effects of a restrictive (hemoglobin ≤ 8 g/dL) vs liberal (hemoglobin ≤ 10 g/dL) transfusion strategy on 30-day cardiovascular events among adults with acute myocardial infarction (AMI) and anemia (hemoglobin 7-10 g/dL).

Prevalence of Bicuspid Aortic Valve and Associated Aortopathy in Newborns in Copenhagen, Denmark

Anne-Sophie Sillesen, MD, PhD; Ottilia Vøgg, MD; Christian Pihl, MD; et al.

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

 CME JAMA. 2021;325(6):561-567. doi:10.1001/jama.2020.27205

This population epidemiology study describes the prevalence of bicuspid aortic valve (BAV) and BAV subtypes, and of accompanying enlarged aortic diameter or coarctation, in Danish newborns born in Copenhagen 2016-2018.

Editorial

Bicuspid Aortic Valve—A Common Form of Structural Heart Disease

Gregory Curfman, MD

Advertisement

Research Letter

Prevalence and Outcomes of SARS-CoV-2 Infection Among Migrant Workers in Singapore

Iain Beehuat Tan, MBBS, PhD; Clive Tan, MBBS, MPH; Li Yang Hsu, MBBS, MPH; et al.

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

FREE  CME JAMA. 2021;325(6):584-585. doi:10.1001/jama.2020.24071

This study examines the prevalence and outcomes of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection among migrant workers in Singapore.

Viewpoint

Health Policy

The COVID-19 Pandemic as an Opportunity to Ensure a More Successful Future for Science and Public Health

K. M. Venkat Narayan, MD, MSc; James W. Curran, MD, MPH; William H. Foege, MD, MPH

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

FREE  CME JAMA. 2021;325(6):525-526. doi:10.1001/jama.2020.23479

This Viewpoint suggests that the COVID-19 pandemic provides an opportunity to build trust in science and update federal agencies to improve public health and poses questions and offers recommendations for consideration.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH

Conversations with Dr Bauchner: Health Care Reform in the Biden Era



Health Policy

Cancer Care Under the Biden Administration

Stacie B. Dusetzina, PhD

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

FREE JAMA. 2021;325(6):527-528. doi:10.1001/jama.2020.25424

This Viewpoint evaluates Biden's health care proposals to help reduce the cost burden on patients with cancer should they be enacted legislatively.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

Genetic Variants of SARS-CoV-2—What Do They Mean?

Adam S. Luring, MD, PhD; Emma B. Hodcroft, PhD

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

FREE  CME   JAMA. 2021;325(6):529-531. doi:10.1001/jama.2020.27124

This Viewpoint discusses emerging genetic variants of SARS-CoV-2, including new "UK" and "mink" variants and the significance of the new variants to coronavirus transmissibility, spread, virulence, and efforts to vaccinate the population against COVID-19.



Audio Clinical Review: Understanding SARS-CoV-2 Genetic Variants



Audio Clinical Review: Understanding the New SARS-CoV-2 Mutation Found in England



Conversations with Dr Bauchner: Coronavirus Variants - What They Mean



Conversations with Dr Bauchner: Coronavirus Vaccine Update From the CDC With Nancy E. Messonnier, MD

Mandating COVID-19 Vaccines

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

FREE   JAMA. 2021;325(6):532-533. doi:10.1001/jama.2020.26553

This Viewpoint discusses whether US states, businesses, health care facilities, and schools and universities can mandate vaccination against coronavirus as a condition of employment or service.



Conversations with Dr Bauchner: Mandating COVID-19 Vaccines—Ethical and Legal Considerations

Editorial

Reassuring the Public and Clinical Community About the Scientific Review and Approval of a COVID-19 Vaccine

Howard Bauchner, MD; Preeti N. Malani, MD, MSJ; Joshua Sharfstein, MD



Conversations with Dr Bauchner: COVID-19 Vaccine Approval and the FDA



Conversations with Dr Bauchner: Coronavirus Update With Michael T. Osterholm, PhD, MPH



Conversations with Dr Bauchner: Coronavirus Q&A With Anthony Fauci, MD - September 25, 2020



Conversations with Dr Bauchner: Coronavirus Update With Anthony Fauci - October 28, 2020



Conversations with Dr Bauchner: Coronavirus Vaccine Update With Anthony Fauci

Problems With Paying People to Be Vaccinated Against COVID-19

Emily A. Largent, JD, PhD, RN; Franklin G. Miller, PhD

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

FREE  JAMA. 2021;325(6):534-535. doi:10.1001/jama.2020.27121

This Viewpoint describes features of 2 proposals to pay US residents to be vaccinated against COVID-19 and proposes ethical and practical complications of the plans, arguing that they are morally suspect, likely unnecessary, and may be counterproductive.

Editorial

Vaccine Distribution—Equity Left Behind?

Muriel Jean-Jacques, MD, MAPP; Howard Bauchner, MD



Conversations with Dr Bauchner: Who Gets Coronavirus Vaccine First?



Conversations with Dr Bauchner: Prioritizing Racial and Ethnic Minority Populations for Coronavirus Vaccination



A Piece of My Mind

Donning and Doffing

Michelle S. Mourad, MD

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

FREE  CME JAMA. 2021;325(6):536. doi:10.1001/jama.2020.26468

In this narrative medicine essay an internal medicine hospitalist explores what the new diagnosis of breast cancer means for her professional identity and considers how the COVID-19 pandemic facilitates the hiding of serious illness but also complicates disclosing the news to colleagues and friends.

Editorial

Searching for the Optimal Exercise Training Regimen in Heart Failure With Preserved Ejection Fraction

Ambarish Pandey, MD, MSCS; Dalane W. Kitzman, MD

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

JAMA. 2021;325(6):537-539. doi:10.1001/jama.2020.26347

Bicuspid Aortic Valve—A Common Form of Structural Heart Disease

Gregory Curfman, MD

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

JAMA. 2021;325(6):540-541. doi:10.1001/jama.2021.0109

Review

Diagnosis and Treatment of Hip and Knee Osteoarthritis: A Review

Jeffrey N. Katz, MD, MSc; Kaetlyn R. Arant, BA; Richard F. Loeser, MD

Abstract | **Full Text**

 CME  JAMA. 2021;325(6):568-578. doi:10.1001/jama.2020.22171

This narrative review summarizes the pathophysiology, diagnosis, and treatment of osteoarthritis (OA) of the hip and knee, including use of structured exercise, acetaminophen and NSAIDs, corticosteroid injections, and surgery to manage symptoms.



Audio Clinical Review: Osteoarthritis—Diagnosis and Treatment

JAMA Clinical Challenge

An 18-Month History of Dorsal Foot Lesions

Gordon T. Moffat, MD; Zhe Ren, BSc; Andrew A. Simone, MD

Abstract | **Full Text**

 CME JAMA. 2021;325(6):579-580. doi:10.1001/jama.2020.16053

A 32-year-old Nigerian woman with a childhood transfusion history developed scaly plaques with cobblestone surfaces on the dorsum of the forefoot and midfoot bilaterally; serologic testing was negative for HIV and positive for hepatitis C virus. What is the diagnosis and what would you do next?

From The Medical Letter on Drugs and Therapeutics

Drugs for Osteoarthritis

Abstract | **Full Text**

 JAMA. 2021;325(6):581-582. doi:10.1001/jama.2020.8395

This Medical Letter review reproduces a Table summarizing key information about drugs for osteoarthritis published as part of a comprehensive review on the topic.



Audio Clinical Review: Osteoarthritis—Diagnosis and Treatment

Medical News & Perspectives

Helping People Who Are Homeless Stay Healthy During the Pandemic

Rita Rubin, MA

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

FREE   JAMA. 2021;325(6):517-519. doi:10.1001/jama.2020.23436

This Medical News story profiles Harvard dermatologist Jennifer Tan, MD, who helps care for people experiencing homelessness.



JAMA Medical News Audio: Dermatologist Cares for People Experiencing Homelessness

The JAMA Forum

Social Isolation and Loneliness: Imperatives for Health Care in a Post-COVID World

Eve Escalante, MSW, LCSW; Robyn L. Golden, MA, LCSW; Diana J. Mason, PhD, RN

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

FREE  JAMA. 2021;325(6):520-521. doi:10.1001/jama.2021.0100

News From the Centers for Disease Control and Prevention

Updated Recommendations for Gonorrhea Treatment

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;325(6):523. doi:10.1001/jama.2021.0241

Accelerated Overdose Deaths Linked With COVID-19

Bridget M. Kuehn, MSJ

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

FREE  JAMA. 2021;325(6):523. doi:10.1001/jama.2021.0074

Biotech Innovations

CRISPR-Based COVID-19 Smartphone Test in Development

Jennifer Abbasi

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

FREE  CME JAMA. 2021;325(6):522. doi:10.1001/jama.2021.0493

Predicting COVID-19 Outcomes in Emergency Department Patients

Jennifer Abbasi

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

FREE  CME JAMA. 2021;325(6):522. doi:10.1001/jama.2021.0227

Phone Apps and Wearable Trackers Modestly Improve Activity

Jennifer Abbasi

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

FREE JAMA. 2021;325(6):522. doi:10.1001/jama.2021.0495

The Arts and Medicine

Death by Massive Hemorrhage in Robert Frost's "Out, Out-": A Plea to the Immediate Responder

Rosalyn Buckland, PhD; Michael K. Abernethy, MD

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

FREE JAMA. 2021;325(6):515-516. doi:10.1001/jama.2020.24787

This Arts and Medicine feature uses poet Robert Frost's poem "Out, Out-", about the tragic death of a boy in the premodern era from a work injury and hemorrhagic shock, to discuss the stakes of developing a more effective public health response to traumatic injury.

Poetry and Medicine

To a Firstborn Son

Scott Hendrik Van Hoeven, BSc

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

FREE JAMA. 2021;325(6):590. doi:10.1001/jama.2020.23816

JAMA Revisited

Income Tax Credit for Charity Practice of Physicians

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

FREE JAMA. 2021;325(6):591. doi:10.1001/jama.2020.17786

JAMA Patient Page

Treatment of Alcohol Use Disorder

Avani K. Patel, MD, MHA; Alëna A. Balasanova, MD

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

FREE JAMA. 2021;325(6):596. doi:10.1001/jama.2020.2012

This JAMA Patient Page explains the medications (naltrexone, acamprosate, disulfiram) and behavioral treatments (cognitive behavior therapy [CBT]) used to manage alcohol use disorder.

Comment & Response

Financing of US Graduate Medical Education

Trevor J. Royce, MD, MS, MPH

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

JAMA. 2021;325(6):585-586. doi:10.1001/jama.2020.23979

Financing of US Graduate Medical Education—Reply

Justin A. Grischkan, MD; Ari B. Friedman, MD, PhD; Amitabh Chandra, PhD

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

JAMA. 2021;325(6):586. doi:10.1001/jama.2020.23988

Update on Blood Pressure Control Among US Adults With Hypertension

Lara C. Kovell, MD; Colleen M. Harrington, MD; Erin D. Michos, MD, MHS

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

JAMA. 2021;325(6):586-587. doi:10.1001/jama.2020.23982

Update on Blood Pressure Control Among US Adults With Hypertension—Reply

Paul Muntner, PhD; Shakia T. Hardy, PhD

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

JAMA. 2021;325(6):587-588. doi:10.1001/jama.2020.23991

Algorithmic Stewardship in Health Care

Yue Li, MSc; Junfeng Wang, PhD

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

JAMA. 2021;325(6):588. doi:10.1001/jama.2020.24100

Algorithmic Stewardship in Health Care—Reply

Stephanie Eaneff, MSP; Ziad Obermeyer, MD; Atul J. Butte, MD, PhD

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

JAMA. 2021;325(6):588-589. doi:10.1001/jama.2020.24103

JAMA Masthead

JAMA

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

FREE *JAMA*. 2021;325(6):507-508. doi:10.1001/jama.2020.17783



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Decade

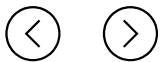
2020s

Year

2021

Issue

February 16; 325 (7): 605-702



February 16, 2021, Vol 325, No. 7, Pages 605-702

In This Issue of JAMA

Audio Highlights

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JAMA. 2021;325(7):e2017797. doi:10.1001/jama.2020.17797



Audio Editors' Summary: Monoclonal Antibodies for COVID-19, Strength Training for Knee OA, Metastatic Colorectal Cancer Review, and more

Original Investigation

Effect of Bamlanivimab as Monotherapy or in Combination With Etesevimab on Viral Load in Patients With Mild to Moderate COVID-19: A Randomized Clinical Trial

Robert L. Gottlieb, MD, PhD; Ajay Nirula, MD, PhD; Peter Chen, MD; et al.

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



JAMA. 2021;325(7):632-644. doi:10.1001/jama.2021.0202

This randomized clinical trial compares the effects of 3 doses of bamlanivimab monotherapy (700 vs 2800 vs 7000 mg) vs combination bamlanivimab and etesevimab vs placebo on change in day 11 severe acute respiratory syndrome coronavirus 2 viral load in patients with mild to moderate coronavirus disease 2019 (COVID-19).

Editor's Note

Neutralizing Monoclonal Antibody for Mild to Moderate COVID-19

Preeti N. Malani, MD, MSJ; Robert M. Golub, MD

Effect of High-Intensity Strength Training on Knee Pain and Knee Joint Compressive Forces Among Adults With Knee Osteoarthritis: The START Randomized Clinical Trial

Stephen P. Messier, PhD; Shannon L. Mihalko, PhD; Daniel P. Beavers, PhD; et al.

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



JAMA. 2021;325(7):646-657. doi:10.1001/jama.2021.0411

This randomized trial compares the effects of high- vs low-intensity strength training vs control on 18-mo knee pain and knee joint compressive force among adults with knee pain and radiographic evidence of osteoarthritis.

Associations of Maternal Cardiovascular Health in Pregnancy With Offspring Cardiovascular Health in Early Adolescence

Amanda M. Perak, MD, MS; Nicola Lancki, MPH; Alan Kuang, MS; et al.

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



JAMA. 2021;325(7):658-668. doi:10.1001/jama.2021.0247

This international cohort study examines associations between the cardiovascular (CV) health of pregnant women (defined by 5 CV risk factors) and CV health of their offspring at ages 10 to 14 years.

Editorial

Maternal Cardiovascular Health: A Critical Period for Offspring Lifetime Cardiovascular Health?

Stephen R. Daniels, MD, PhD

Advertisement

Research Letter

Changes in Abortion in Texas Following an Executive Order Ban During the Coronavirus Pandemic

Kari White, PhD, MPH; Bhavik Kumar, MD, MPH; Vinita Goyal, MD, MPH; et al.

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

FREE  CME JAMA. 2021;325(7):691-693. doi:10.1001/jama.2020.24096

This study assesses changes in abortions performed and at what gestational age following a Texas order postponing non-medically necessary surgeries due to the COVID-19 pandemic compared with abortions performed during the same months in 2019.

Viewpoint

Health Policy

A Blueprint for Comprehensive Medicaid Reform

Rebekah E. Gee, MD, MPH; David Shulkin, MD; Iyah Romm, MD

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

FREE JAMA. 2021;325(7):619-620. doi:10.1001/jama.2021.0013

This Viewpoint proposes broad principles to guide Medicaid reform as a means to advance health equity, including stabilization of its funding and coverage; coordination of its infrastructure; alignment of health care and social spending at the point of care; and a value-based approach to benefits.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Health Policy

Declining Life Expectancy in the United States: The Need for Social Policy as Health Policy

Atheendar S. Venkataramani, MD, PhD; Rourke O'Brien, PhD; Alexander C. Tsai, MD, PhD

Abstract | **Full Text**

FREE JAMA. 2021;325(7):621-622. doi:10.1001/jama.2020.26339

This Viewpoint reviews the social and economic drivers of declines in longevity in the US, especially among lower socioeconomic status groups, and proposes policy options for the Biden-Harris administration to mitigate the trend, including an increase in the federally mandated minimum wage.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

Recalibrating the Use of Race in Medical Research

John P. A. Ioannidis, MD, DSc; Neil R. Powe, MD, MPH, MBA; Clyde Yancy, MD, MSc

Abstract | **Full Text**

FREE  JAMA. 2021;325(7):623-624. doi:10.1001/jama.2021.0003

This Viewpoint reviews the way race has been used and misused in medical research and urges careful consideration by investigators of how its use might ameliorate or worsen health inequalities.



Conversations with Dr Bauchner: Recalibrating the Use of Race in Medical Research

Editorial

Race, Ancestry, and Medical Research

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

Removal of Race From Estimates of Kidney Function: First, Do No Harm

Keith C. Norris, MD; Nwamaka D. Eneanya, MD, MPH; L. Ebony Boulware, MD, MPH

The Reporting of Race and Ethnicity in Medical and Science Journals: Comments Invited

Annette Flanagan, RN, MA; Tracy Frey, BA; Stacy L. Christiansen, MA; Howard Bauchner, MD

Race and Pharmacogenomics—Personalized Medicine or Misguided Practice?

Christopher W. Goodman, MD; Allan S. Brett, MD

Abstract | Full Text

FREE JAMA. 2021;325(7):625-626. doi:10.1001/jama.2020.25473

This Viewpoint uses examples of recommendations for race-based pharmacogenetic testing to discuss flaws and inconsistencies with race and ethnicity as surrogates for biology, and the consequences of those deficiencies for clinical decision-making.

Addressing Systemic Racism Through Clinical Preventive Service Recommendations From the US Preventive Services Task Force

Chyke A. Doubeni, MD, MPH; Melissa Simon, MD; Alex H. Krist, MD, MPH

Abstract | Full Text

FREE JAMA. 2021;325(7):627-628. doi:10.1001/jama.2020.26188

This Viewpoint discusses ways the US Preventive Services Task Force (USPSTF) is working to identify contributions of systemic racism to differences in health outcomes, and to develop evidence-based recommendations to mitigate the effects of social, economic, and structural disadvantage on disease and its related sequelae.

A Piece of My Mind

Enjoy the Vase

Joseph S. Weiner, MD, PhD

Abstract | Full Text

FREE JAMA. 2021;325(7):629. doi:10.1001/jama.2020.26876

In this narrative medicine essay, a psychiatrist finally at peace after his wife's death to cancer learns that his prostate-specific antigen levels have begun to rise, reminding him to embrace uncertainty, a loss of control, and change.

Editorial

Maternal Cardiovascular Health: A Critical Period for Offspring Lifetime Cardiovascular Health?

Stephen R. Daniels, MD, PhD

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

JAMA. 2021;325(7):630-631. doi:10.1001/jama.2021.0134

Review

Diagnosis and Treatment of Metastatic Colorectal Cancer: A Review

Leah H. Biller, MD; Deborah Schrag, MD, MPH

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

 CME *JAMA*. 2021;325(7):669-685. doi:10.1001/jama.2021.0106

This narrative review summarizes treatment options for patients with unresectable metastatic colorectal cancer, focusing on the importance of genomic profiling to identify *KRAS/NRAS/BRAF* variants to guide immunotherapy.

JAMA Guide to Statistics and Methods

Immortal Time Bias in Observational Studies

Kabir Yadav, MDCM, MS, MSHS; Roger J. Lewis, MD, PhD

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

JAMA. 2021;325(7):686-687. doi:10.1001/jama.2020.9151

This JAMA Guide to Statistics and Medicine explains immortal time bias, an error in estimating the association between an exposure and an outcome that results from misclassification or exclusion of

time intervals; explains how this misclassification or exclusion can occur; and presents approaches to minimize or avoid immortal time bias.

Invited Commentary

Survival Analysis and the Immortal Time Bias

Craig Kollman, PhD

JAMA Insights

Diagnosis and Treatment of Anal Fissures in 2021

Yang Lu, MD; Mary R. Kwaan, MD, MPH; Anne Y. Lin, MD, MSHS

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

JAMA. 2021;325(7):688-689. doi:10.1001/jama.2020.16705

This JAMA Insights Clinical Update reviews the diagnosis and management of anal fissures, including use of supportive, topical, injection, and surgical treatment options.

Editor's Note

Neutralizing Monoclonal Antibody for Mild to Moderate COVID-19

Preeti N. Malani, MD, MSJ; Robert M. Golub, MD

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

FREE  CME JAMA. 2021;325(7):644-645. doi:10.1001/jama.2021.0585

Medical News & Perspectives

Quick Uptakes

Hospital Clowns Ease Children's Symptoms, Review Shows

Mary Chris Jaklevic, MSJ

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

JAMA. 2021;325(7):610-611. doi:10.1001/jama.2020.26433

This Medical News article describes a review of studies that examine whether hospital clowns can help alleviate pediatric patients' symptoms such stress, anxiety, and pain.

News From the Food and Drug Administration

Advice for n-of-1 Drug Developers

Mary Chris Jaklevic, MSJ

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

FREE JAMA. 2021;325(7):613. doi:10.1001/jama.2021.0921

Generic Glucagon Approved for Severe Hypoglycemia

Mary Chris Jaklevic, MSJ

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

FREE JAMA. 2021;325(7):613. doi:10.1001/jama.2021.0383

More Scrutiny for Laparoscopic Power Morcellator Procedures

Mary Chris Jaklevic, MSJ

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

FREE JAMA. 2021;325(7):613. doi:10.1001/jama.2021.0923

Global Health

High-Income Countries Have Secured the Bulk of COVID-19 Vaccines

Bridget M. Kuehn, MSJ

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

FREE  CME JAMA. 2021;325(7):612. doi:10.1001/jama.2021.0189

Clinical Trials Overlook Diseases of Low-Income Countries

Bridget M. Kuehn, MSJ

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

FREE JAMA. 2021;325(7):612. doi:10.1001/jama.2021.0842

Global Partnership Aims to Improve Infant HIV Care

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

FREE JAMA. 2021;325(7):612. doi:10.1001/jama.2021.0844

Poetry and Medicine

Hospital Vigil

Janis Lou Harrington

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FREE JAMA. 2021;325(7):697. doi:10.1001/jama.2020.23843

JAMA Revisited

Current Comment

Abstract | **Full Text**

FREE JAMA. 2021;325(7):698. doi:10.1001/jama.2020.17798

JAMA Patient Page

Lateral Internal Sphincterotomy

Yang Lu, MD; Anne Lin, MD, MSHS

Abstract | **Full Text**

FREE JAMA. 2021;325(7):702. doi:10.1001/jama.2020.16708

This JAMA Patient Page explains lateral internal sphincterotomy, a surgical procedure used for treatment of anal fissures unresponsive to supportive or medical therapy.

Comment & Response

Wound Dressings for Obese Women After Cesarean Delivery

Uyen G. Vo, MBBS; Toby Richards, MD

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

JAMA. 2021;325(7):693. doi:10.1001/jama.2020.24195

Wound Dressings for Obese Women After Cesarean Delivery—Reply

Methodius G. Tuuli, MD, MPH; Lorie Harper, MD, MSCI

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

JAMA. 2021;325(7):693. doi:10.1001/jama.2020.24198

The Advantages of Medicare Advantage

Samuel Metz, MD

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

JAMA. 2021;325(7):693-694. doi:10.1001/jama.2020.24281

Editorial

The Future of the Affordable Care Act: Reassessment and Revision

Stuart M. Butler, PhD, MA

The Advantages of Medicare Advantage—Reply

Stuart M. Butler, PhD

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

JAMA. 2021;325(7):694. doi:10.1001/jama.2020.24284

Editorial

The Future of the Affordable Care Act: Reassessment and Revision

Stuart M. Butler, PhD, MA

Geographic Differences in Uncontrolled Chronic Medical Conditions

Erin L. Tompkins, MD, MPH; Joseph M. Maciuba, MD; Mary A. Andrews, MD, MPH

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

JAMA. 2021;325(7):694. doi:10.1001/jama.2020.24598

Geographic Differences in Uncontrolled Chronic Medical Conditions—Reply

Aaron Baum, PhD; Albert L. Siu, MD, MSPH; Mark D. Schwartz, MD

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

JAMA. 2021;325(7):694-695. doi:10.1001/jama.2020.24604

Database Updates and Resulting Changes in Data in Study of Vaginal Mesh Hysteropexy vs Vaginal Hysterectomy

Charles W. Nager, MD

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

JAMA. 2021;325(7):695-696. doi:10.1001/jama.2021.0477

Correction

Error in Results Section

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

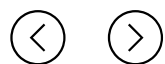
FREE JAMA. 2021;325(7):696. doi:10.1001/jama.2021.0535

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FREE JAMA. 2021;325(7):605-606. doi:10.1001/jama.2020.17795



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February 23, 2021, Vol 325, No. 8, Pages 705-798

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JAMA. 2021;325(8):e2017809. doi:10.1001/jama.2020.17809



Audio Editors' Summary: Baclofen for ICU Alcohol Withdrawal, Vitamin C and Thiamine for Sepsis, Multiple Sclerosis Review, and more

Original Investigation

Effect of High-Dose Baclofen on Agitation-Related Events Among Patients With Unhealthy Alcohol Use Receiving Mechanical Ventilation: A Randomized Clinical Trial

Mickael Vourc'h, MD; Charlotte Garret, MD; Arnaud Gacouin, MD; et al.

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

This randomized clinical trial compares the effects of high-dose baclofen vs placebo on agitation-related events among adults in the ICU with unhealthy alcohol use receiving mechanical ventilation.

Editorial

Baclofen to Prevent Agitation Caused by Alcohol Withdrawal in the ICU

Michael C. Reade, MBBS, DPhil

Caring for the Critically Ill Patient

Effect of Vitamin C, Thiamine, and Hydrocortisone on Ventilator- and Vasopressor-Free Days in Patients With Sepsis: The VICTAS Randomized Clinical Trial

Jonathan E. Sevransky, MD, MHS; Richard E. Rothman, MD, PhD; David N. Hager, MD, PhD; et al.

Abstract | **Full Text**

 CME JAMA. 2021;325(8):742-750. doi:10.1001/jama.2020.24505

This randomized trial compares the effect of vitamin C, thiamine, and hydrocortisone vs matching placebo on 30-day ventilator- and vasopressor-free days among patients with sepsis-induced respiratory and/or cardiovascular dysfunction.

Editorial

Hydrocortisone, Vitamin C, and Thiamine for Treatment of Sepsis: Making Evidence Matter

Kristin L. Walter, MD, MS; Christopher W. Seymour, MD, MSc

Editor's Note

Funding and DSMB Membership in the VICTAS Clinical Trial

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

Association of Rare *CYP39A1* Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye

The Genetics of Exfoliation Syndrome Partnership

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

 CME JAMA. 2021;325(8):753-764. doi:10.1001/jama.2021.0507

This case-control study uses whole-exome sequencing to identify coding-sequence genetic variants associated with exfoliation syndrome, a form of glaucoma caused by abnormal fibrillar protein aggregates in the anterior eye.

Advertisement

Research Letter

All-Cause Excess Mortality and COVID-19-Related Mortality Among US Adults Aged 25-44 Years, March-July 2020

Jeremy Samuel Faust, MD, MS; Harlan M. Krumholz, MD, SM; Chengan Du, PhD; et al.

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

  CME   JAMA. 2021;325(8):785-787. doi:10.1001/jama.2020.24243

This study compares all-cause excess mortality and COVID-19-related mortality during the early pandemic period (March-July 2020) with unintentional drug overdoses, the usual leading cause of death in young adults, during the same period in 2018 among adults aged 25 to 44 years.



Conversations with Dr Bauchner: Coronavirus Update With CDC Director Rochelle Walensky

Viewpoint

Health Policy

Surprise Billing—A Flashpoint for Major Policy Issues in Health Care

Carrie Colla, PhD

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

 JAMA. 2021;325(8):715-716. doi:10.1001/jama.2020.26779

This Viewpoint discusses the unexpected large billing that can occur when a patient receives care from an out-of-network physician or center (*surprise billing*)—its root causes and recent legislation

that will provide some patients with protection, but not all.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

Health Policy

From Digitization to Digital Transformation: Policy Priorities for Closing the Gap

Julia Adler-Milstein, PhD

Abstract | **Full Text**

FREE JAMA. 2021;325(8):717-718. doi:10.1001/jama.2020.27014

This Viewpoint lays out policy priorities for advancing the digital transformation of US health information systems, including funding of infrastructure and enforcement of standards for EHR interoperability, data sharing, and usability.

Editorial

Health Care Is a Right, Not a Privilege: A New Series on US Health Care and Health Policy

Howard Bauchner, MD; Phil B. Fontanarosa, MD, MBA; Karen Joynt Maddox, MD, MPH



Conversations with Dr Bauchner: Health Care Reform in the Biden Era

Racial and Ethnic Health Disparities Related to COVID-19

Leo Lopez III, MD, MHS; Louis H. Hart III, MD; Mitchell H. Katz, MD

Abstract | **Full Text**

FREE  CME  JAMA. 2021;325(8):719-720. doi:10.1001/jama.2020.26443

This Viewpoint reviews data demonstrating worse risk and outcomes for non-White patients with coronavirus disease 2019 (COVID-19) and makes policy proposals to mitigate the disparities, including expansion of Medicaid eligibility to expand health care access, multilingual and culturally

appropriate communication and outreach, and easing accessibility to social services through health care contacts to address housing, food, legal, and economic stressors.



Audio Clinical Review: Racial and Ethnic Disparities in COVID-19

A Viral Pandemic, Vaccine Safety, and Compensation for Adverse Events

H. Cody Meissner, MD

Abstract | **Full Text**



JAMA. 2021;325(8):721-722. doi:10.1001/jama.2020.26792

This Viewpoint reviews the system in place to compensate US residents for proven vaccine injury via the Countermeasures Injury Compensation Program and emphasizes that the benefit of COVID-19 vaccines outweighs any potential harm.

Editorial

Reassuring the Public and Clinical Community About the Scientific Review and Approval of a COVID-19 Vaccine

Howard Bauchner, MD; Preeti N. Malani, MD, MSJ; Joshua Sharfstein, MD



Conversations with Dr Bauchner: COVID-19 Vaccine Approval and the FDA



Conversations with Dr Bauchner: Coronavirus Update With Michael T. Osterholm, PhD, MPH



Conversations with Dr Bauchner: Coronavirus Q&A With Anthony Fauci, MD - September 25, 2020



Conversations with Dr Bauchner: Coronavirus Update With Anthony Fauci - October 28, 2020



Conversations with Dr Bauchner: Coronavirus Vaccine Update With Anthony Fauci

When Physicians Engage in Practices That Threaten the Nation's Health

Philip A. Pizzo, MD; David Spiegel, MD; Michelle M. Mello, JD, PhD

Abstract | **Full Text**



JAMA. 2021;325(8):723-724. doi:10.1001/jama.2021.0122

This Viewpoint proposes response options for specialty societies, medical licensing boards, academic leadership, and faculty and colleagues when physician public health leaders spread misinformation detrimental to patients' or the public's health, as happened in the first year of the COVID-19 pandemic.



Conversations with Dr Bauchner: When Physicians Engage in Practices That Threaten the Nation's Health

A Piece of My Mind

COVID-19 Communication—The Need for Humanity, Empathy, and Grace

Lisa M. Meeks, PhD

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



JAMA. 2021;325(8):725-726. doi:10.1001/jama.2021.0119

In this narrative medicine essay, a medical school professor expresses gratitude for the caring and empathy expressed by the team caring for her mother hospitalized with COVID-19 and emphasizes the importance of humanity and compassion over facts and statistics for families physically separated from their critically ill loved ones.

Editorial

Baclofen to Prevent Agitation Caused by Alcohol Withdrawal in the ICU

Michael C. Reade, MBBS, DPhil

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

JAMA. 2021;325(8):727-729. doi:10.1001/jama.2021.0597

Hydrocortisone, Vitamin C, and Thiamine for Treatment of Sepsis: Making Evidence Matter

Kristin L. Walter, MD, MS; Christopher W. Seymour, MD, MSc

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

JAMA. 2021;325(8):730-731. doi:10.1001/jama.2020.26029

Review

Diagnosis and Treatment of Multiple Sclerosis: A Review

Marisa P. McGinley, DO; Carolyn H. Goldschmidt, DO; Alexander D. Rae-Grant, MD

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



CME



JAMA. 2021;325(8):765-779. doi:10.1001/jama.2020.26858

This narrative review discusses the epidemiology and pathophysiology of multiple sclerosis and summarizes current evidence on its diagnosis and treatment using disease-modifying therapies and nonpharmacological interventions.



Audio Clinical Review: Diagnosis and Treatment of Multiple Sclerosis—A Review

JAMA Insights

Clinical Update

Allergic Reactions Including Anaphylaxis After Receipt of the First Dose of Pfizer-BioNTech COVID-19 Vaccine

Tom Shimabukuro, MD, MPH, MBA; Narayan Nair, MD

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



CME



JAMA. 2021;325(8):780-781. doi:10.1001/jama.2021.0600

This JAMA Insights review provides clinical details of anaphylactic reactions reported to and verified by the CDC in the first week of use of the Pfizer-BioNTech COVID-19 vaccine in the US, December 14-23, 2020.



Audio Clinical Review: COVID-19 Vaccine Safety—Anaphylaxis and Allergic Reactions

JAMA Clinical Challenge

A Purpuric Rash

Kevin D. He, MD; Ken He, MD; Paul B. Cornia, MD

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



CME

JAMA. 2021;325(8):782-783. doi:10.1001/jama.2020.19186

A 48-year-old man had erythema without warmth over his right ankle and dorsomedial foot, with nontender, nonpalpable purpura over the foot dorsum and scattered petechiae over the right lower leg 6 weeks after immobilization for an ankle fracture; temperature was 38.2°C (100.8°F) and the erythema faded when he elevated his leg above heart level. What is the diagnosis and what would you do next?

Editor's Note

Funding and DSMB Membership in the VICTAS Clinical Trial

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

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

FREE JAMA. 2021;325(8):751-752. doi:10.1001/jama.2020.25952

Medical News & Perspectives

"Important Conversations" Are Needed to Explain the Nocebo Effect

Anita Slomski, MA

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

 JAMA. 2021;325(8):707-709. doi:10.1001/jama.2020.25840

This Medical News article describes how clinicians can explain to patients that their adverse effects may be due to the nocebo effect, which has more to do with negative perceptions than with a drug's pharmacological action.



JAMA Medical News Audio: Live from AHA 2020: Highlights from the American Heart Association's Virtual Scientific Sessions



JAMA Medical News Audio: February 2021 Medical News Summary

The JAMA Forum

From Economic Recovery to Health Resilience

Dave A. Chokshi, MD, MSc

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

News From the Centers for Disease Control and Prevention

COVID-19 Rates Increased Where In-Person College Classes Were Held

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

FREE  CME JAMA. 2021;325(8):714. doi:10.1001/jama.2021.0621

Drug-Resistant Yeast Infections Spread in COVID-19 Unit

Bridget M. Kuehn, MSJ

Abstract | **Full Text**

FREE  CME JAMA. 2021;325(8):714. doi:10.1001/jama.2021.1031

Clinical Trials Update

Oral Rimegepant Safe, Effective for Migraine Prevention

Anita Slomski, MA

Abstract | **Full Text**

FREE JAMA. 2021;325(8):713. doi:10.1001/jama.2021.0651

Finerenone for Patients With CKD and Type 2 Diabetes

Anita Slomski, MA

Abstract | **Full Text**

FREE JAMA. 2021;325(8):713. doi:10.1001/jama.2021.1255

Common Weight Loss Surgeries' Benefits Sustained at Year 7

Anita Slomski, MA

Abstract | **Full Text**

FREE JAMA. 2021;325(8):713. doi:10.1001/jama.2021.1257

Navigators Improve Autism Evaluations but Not Referrals to Care

Anita Slomski, MA

Abstract | **Full Text**

FREE JAMA. 2021;325(8):713. doi:10.1001/jama.2021.1259

Physician Videos Improve COVID-19 Knowledge Among Minorities

Anita Slomski, MA

Abstract | **Full Text**

FREE  CME JAMA. 2021;325(8):713. doi:10.1001/jama.2021.1261

Health Agencies Update

Collecting Data About COVID-19-Related Brain Symptoms

Rita Rubin, MA

Abstract | **Full Text**

FREE  CME JAMA. 2021;325(8):712. doi:10.1001/jama.2021.0791

Detecting Heart Transplant Rejection Earlier, More Easily

Rita Rubin, MA

Abstract | **Full Text**

FREE JAMA. 2021;325(8):712. doi:10.1001/jama.2021.1228

Locating COVID-19 Monoclonal Antibody Therapies

Rita Rubin, MA

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FREE  CME JAMA. 2021;325(8):712. doi:10.1001/jama.2021.1230

Poetry and Medicine

Knows

Mark Dow

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FREE JAMA. 2021;325(8):792. doi:10.1001/jama.2020.23939

JAMA Revisited

The Worth of a Miracle

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JAMA Patient Page

Nystagmus

Malcolm M. Kates, BS, BA; Casey J. Beal, MD

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

FREE JAMA. 2021;325(8):798. doi:10.1001/jama.2020.3911

This JAMA Patient Page describes the types, causes, and treatment of nystagmus, a rhythmic involuntary movement of the eyes.

Comment & Response

Risk of Spinal Hematoma After Lumbar Puncture

Tao Xu, PhD; You Wang, MD; Yangmei Chen, PhD

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

JAMA. 2021;325(8):787. doi:10.1001/jama.2020.24595

Risk of Spinal Hematoma After Lumbar Puncture

Chloe Kimi Nobuhara, BS; Miles Berger, MD, PhD

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

JAMA. 2021;325(8):787-788. doi:10.1001/jama.2020.24601

Risk of Spinal Hematoma After Lumbar Puncture—Reply

Jacob Bodilsen, MD, PhD; Henrik Nielsen, MD, DMSci

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

JAMA. 2021;325(8):788. doi:10.1001/jama.2020.24607

The Effect of Surgical Treatment on Obstructive Sleep Apnea

Vanessa Alderman, MBBS; Joshua Agbetile, MD

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

JAMA. 2021;325(8):788-789. doi:10.1001/jama.2020.25121

The Effect of Surgical Treatment on Obstructive Sleep Apnea—Reply

Stuart MacKay, MD; R. Doug McEvoy, MD; Edward M. Weaver, MD, MPH

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

JAMA. 2021;325(8):789-790. doi:10.1001/jama.2020.25124

Cervical Cancer Screening in Low- and Middle-Income Countries

Miriam Cremer, MD, MPH; Karla Alfaro, MD, MPH; Rachel Masch, MD, MPH

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

JAMA. 2021;325(8):790. doi:10.1001/jama.2020.25214

Cervical Cancer Screening in Low- and Middle-Income Countries—Reply

Pascal Geldsetzer, MBChB, ScD, MPH; Julia M. Lemp, MSc

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

JAMA. 2021;325(8):790-791. doi:10.1001/jama.2020.25217

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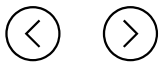
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February; 181 (2): 152-296



February 2021, Vol 181, No. 2, Pages 152-296

Viewpoint

Pharmacy Access to Sterile Injection Supplies for People Who Inject Drugs

Brian S. Barnett, MD; Nathaniel P. Morris, MD

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

JAMA Intern Med. 2021;181(2):153-154. doi:10.1001/jamainternmed.2020.6840

This Viewpoint discusses reforms to pharmacy distribution of over-the-counter sterile injection supplies to prevent infections and death among people who inject drugs, especially important during the coronavirus disease 2019 pandemic.

Physician Work Environment and Well-Being

Cultural Barriers to Help-Seeking in Medical Education

Erene Stergiopoulos, MD, MA; Ligia Fragoso, MA; Lisa M. Meeks, PhD

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

JAMA Intern Med. 2021;181(2):155-156. doi:10.1001/jamainternmed.2020.7567

This Viewpoint discusses the cultural barriers to help-seeking experienced by medical students and residents with depression and depressive symptoms and proposes 3 strategies to address them.

Advertisement

Perspective

A Nursing Researcher's Experience in a COVID-19 Vaccine Trial

Kristen R. Choi, PhD, RN

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

FREE  CME *JAMA Intern Med.* 2021;181(2):157-158. doi:10.1001/jamainternmed.2020.7087

This perspective is that of a nursing researcher turned volunteer in a COVID-19 vaccine trial. She considers the experience of study participants and how clinicians will need to prepare their patients for the vaccine's possible adverse effects.

Eastern Kentucky's Lost Generation and the Echoes That Remain —The Aftermath of the Opioid Epidemic

Brian S. Barnett, MD

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

JAMA Intern Med. 2021;181(2):158-159. doi:10.1001/jamainternmed.2020.7383

This essay describes the author's personal experiences witnessing the opioid epidemic and its devastation in Kentucky.

Original Investigation

Potential Cost Implications for All US Food and Drug Administration Oncology Drug Approvals in 2018

Patrick C. DeMartino, MD; Miloš D. Miljković, MD, MSc; Vinay Prasad, MD, MPH

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

JAMA Intern Med. 2021;181(2):162-167. doi:10.1001/jamainternmed.2020.5921

This economic evaluation study estimates the number of patients with cancer who are eligible for the newly approved drug-indication pairs and projects potential spending and use of the approvals in the United States.

Lifestyle Intervention With or Without Lay Volunteers to Prevent Type 2 Diabetes in People With Impaired Fasting Glucose and/or Nondiabetic Hyperglycemia: A Randomized Clinical Trial

Michael Sampson, MD; Allan Clark, PhD; Max Bachmann, PhD; et al.

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

JAMA Intern Med. 2021;181(2):168-178. doi:10.1001/jamainternmed.2020.5938

This randomized clinical trial examines the effect of a group-based lifestyle intervention with or without trained volunteers with type 2 diabetes on the risk of progression to type 2 diabetes in British populations with a high-risk glycemic category.

Less Is More

Evaluation of Time to Benefit of Statins for the Primary Prevention of Cardiovascular Events in Adults Aged 50 to 75 Years: A Meta-analysis

Lindsey C. Yourman, MD; Irena S. Cenzer, MA; W. John Boscardin, PhD; et al.

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

 CME *JAMA Intern Med.* 2021;181(2):179-185. doi:10.1001/jamainternmed.2020.6084

This meta-analysis assesses randomized clinical trials of statins to determine the time to benefit for prevention of a first major adverse cardiovascular event in adults aged 50 to 75 years.

Changes in Health Care Use and Outcomes After Turnover in Primary Care

Adrienne H. Sabety, PhD; Anupam B. Jena, MD, PhD; Michael L. Barnett, MD, MS

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

JAMA Intern Med. 2021;181(2):186-194. doi:10.1001/jamainternmed.2020.6288

This cohort study uses nationally representative 2008-2017 Medicare billing claims to examine changes in health care use and outcomes among patients whose primary care physician exited the workforce and to directly measure the association of primary care turnover with patients' health care use and outcomes.

Efficacy and Safety of Hydroxychloroquine vs Placebo for Pre-exposure SARS-CoV-2 Prophylaxis Among Health Care Workers: A Randomized Clinical Trial

Benjamin S. Abella, MD, MPhil; Eliana L. Jolkovsky, BA; Barbara T. Biney, MPH; et al.

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



JAMA Intern Med. 2021;181(2):195-202. doi:10.1001/jamainternmed.2020.6319

This randomized clinical trial evaluates the efficacy of hydroxychloroquine to prevent transmission of SARS-CoV-2 in health care workers with exposure to patients with COVID-19 at 2 hospitals in Philadelphia, Pennsylvania.

Association of Physical Activity Intensity With Mortality: A National Cohort Study of 403 681 US Adults

Yafeng Wang, MSc; Jing Nie, BSc; Gerson Ferrari, PhD; et al.

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

JAMA Intern Med. 2021;181(2):203-211. doi:10.1001/jamainternmed.2020.6331

This cohort study uses data from the National Health Interview Survey to examine the association of the proportion of vigorous physical activity to total physical activity with all-cause mortality, cardiovascular disease mortality, and cancer mortality.

Thematic Analysis of the Health Records of a National Sample of US Veterans With Advanced Kidney Disease Evaluated for Transplant

Catherine R. Butler, MD, MA; Aaron Wightman, MA, MD; Claire A. Richards, RN, PhD; et al.

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



JAMA Intern Med. 2021;181(2):212-219. doi:10.1001/jamainternmed.2020.6388

This qualitative study describes the real-world experience for patients with advanced kidney disease referred for the kidney transplant evaluation and selection process.

Financial Presentation of Alzheimer Disease and Related Dementias

Lauren Hersch Nicholas, PhD, MPP; Kenneth M. Langa, MD, PhD; Julie P. W. Bynum, MD, MPH; et al.

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



JAMA Intern Med. 2021;181(2):220-227. doi:10.1001/jamainternmed.2020.6432

This cohort study examines the financial presentation of Alzheimer disease and related dementia using administrative credit data.



Audio Author Interview: Financial Presentation of Alzheimer Disease and Related Dementias

Association Between Nursing Home Crowding and COVID-19 Infection and Mortality in Ontario, Canada

Kevin A. Brown, PhD; Aaron Jones, MSc; Nick Daneman, MD, MSc; et al.

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



JAMA Intern Med. 2021;181(2):229-236. doi:10.1001/jamainternmed.2020.6466

This cohort study examines the association between nursing home crowding and COVID-19 cases and mortality in the first months of the COVID-19 epidemic in Ontario, Canada.

Firearm Violence

Epidemiologic Trends in Fatal and Nonfatal Firearm Injuries in the US, 2009-2017

Elinore J. Kaufman, MD, MSHP; Douglas J. Wiebe, PhD; Ruiying Aria Xiong, MS; et al.

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

This cross-sectional study examines changes in incidence and trends of fatal and nonfatal firearm injury by intent associated with the injury.

Health Care Policy and Law

Euthanasia and Physician-Assisted Suicide in Patients With Multiple Geriatric Syndromes

Vera van den Berg, MA; Ghislaine van Thiel, PhD; Margot Zomers, MSc; et al.

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



JAMA Intern Med. 2021;181(2):245-250. doi:10.1001/jamainternmed.2020.6895

This study from the Netherlands looks at the association between having multiple geriatric syndromes and requesting euthanasia or physician-assisted suicide.

Editorial

The Treatment of Patients With Unbearable Suffering—The Slippery Slope Is Real

Diane E. Meier, MD

Physician Work Environment and Well-Being

Assessment of Electronic Health Record Use Between US and Non-US Health Systems

A. Jay Holmgren, MHI; N. Lance Downing, MD; David W. Bates, MD, MSc; et al.

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



JAMA Intern Med. 2021;181(2):251-259. doi:10.1001/jamainternmed.2020.7071

This cross-sectional study examines the use of electronic health record among physicians and other clinicians in ambulatory care facilities in the United States, Canada, Europe, the Middle East, and Oceania.



Audio Author Interview: Assessment of Electronic Health Record Use Between US and Non-US Health Systems

Editorial

The Treatment of Patients With Unbearable Suffering—The Slippery Slope Is Real

Diane E. Meier, MD

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

JAMA Intern Med. 2021;181(2):160-161. doi:10.1001/jamainternmed.2020.6884

Invited Commentary

Desktop Medicine and the Practice of Wealth Care

Jason Karlawish, MD

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

 *JAMA Intern Med.* 2021;181(2):227-228. doi:10.1001/jamainternmed.2020.6441



Audio Author Interview: Financial Presentation of Alzheimer Disease and Related Dementias

Advancing Practice Science With Electronic Health Record Use Data

Christine Sinsky, MD

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

 *JAMA Intern Med.* 2021;181(2):260-261. doi:10.1001/jamainternmed.2020.7068



Audio Author Interview: Assessment of Electronic Health Record Use Between US and Non-US Health Systems

Caution in Prescribing Modafinil and Armodafinil to Individuals Who Could Become Pregnant

Neda Ghaffari, MD; Patricia A. Robertson, MD

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

JAMA Intern Med. 2021;181(2):277-278. doi:10.1001/jamainternmed.2020.4206

Outcomes of Cardiopulmonary Resuscitation in Patients With COVID-19—Limited Data, but Further Reason for Action

Matthew E. Modes, MD, MPP, MS; Robert Y. Lee, MD, MS; J. Randall Curtis, MD, MPH

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FREE *JAMA Intern Med.* 2021;181(2):281-282. doi:10.1001/jamainternmed.2020.4779

The Colchicine Debacle Revisited

B. Joseph Guglielmo, PharmD

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

JAMA Intern Med. 2021;181(2):287-288. doi:10.1001/jamainternmed.2020.5044

Editor's Note

Deferral of Care for Serious Non-COVID-19 Conditions: A Hidden Harm of COVID-19

Colette DeJong, MD; Mitchell H. Katz, MD; Kenneth Covinsky, MD

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Physician Work Environment and Well-Being

Sex-Based Differences Entangling With Electronic Health Record Documentation

Jennifer Claytor, MD, MS; Richard W. Grant, MD, MPH

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

JAMA Intern Med. 2021;181(2):290-291. doi:10.1001/jamainternmed.2020.5008

Research Letter

Less Is More

Assessment of Sales and Marketing of Online Vouchers for Discounted Direct-to-Consumer Medical Imaging Services

Sheena Desai, BS; Priya Manjaly, BA; Karen Lee, BS; et al.

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

JAMA Intern Med. 2021;181(2):267-269. doi:10.1001/jamainternmed.2020.3529

This qualitative study of online vouchers for discounted DTC imaging services reveals consumerization of medicine and calls for regulations to balance convenience and cost with patient safety and physician oversight.

Hospitalizations for Chronic Disease and Acute Conditions in the Time of COVID-19

Saul Blecker, MD, MHS; Simon A. Jones, PhD; Christopher M. Petrilli, MD; et al.

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

FREE  CME *JAMA Intern Med.* 2021;181(2):269-271. doi:10.1001/jamainternmed.2020.3978

This study examines the frequency of hospitalization for all non-COVID-19-related conditions in a health system at the epicenter of the COVID-19 pandemic.

Editor's Note

Deferral of Care for Serious Non-COVID-19 Conditions: A Hidden Harm of COVID-19

Colette DeJong, MD; Mitchell H. Katz, MD; Kenneth Covinsky, MD

Hospital Volumes of 5 Medical Emergencies in the COVID-19 Pandemic in 2 US Medical Centers

Hriday P. Bhambhani, BS; Adrian J. Rodrigues, BA; Jonathan S. Yu, BS; et al.

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FREE  CME *JAMA Intern Med.* 2021;181(2):272-274. doi:10.1001/jamainternmed.2020.3982

This cohort study assesses the association of the COVID-19 pandemic with the incidence of 5 medical emergencies (acute myocardial infarction, ischemic stroke, nontraumatic subarachnoid hemorrhage, ectopic pregnancy, and appendicitis) in 2 US academic medical centers.

Editor's Note

Deferral of Care for Serious Non-COVID-19 Conditions: A Hidden Harm of COVID-19

Colette DeJong, MD; Mitchell H. Katz, MD; Kenneth Covinsky, MD

Pregnancy and Fetal Outcomes Following Exposure to Modafinil and Armodafinil During Pregnancy

Sigal Kaplan, PhD, BPharm; Debra L. Braverman, MD; Ilana Frishman, MSc; et al.

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

JAMA Intern Med. 2021;181(2):275-277. doi:10.1001/jamainternmed.2020.4009

This cohort study uses data from the US Provigil/Nuvigil Pregnancy Registry to assess prevalence of fetal major congenital malformations after exposure to modafinil and armodafinil during pregnancy.

Family Caregiving for Those With and Without Dementia in the Last 10 Years of Life

Jennifer M. Reckrey, MD; Evan Bollens-Lund, MA; Mohammed Husain, MA; et al.

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

JAMA Intern Med. 2021;181(2):278-279. doi:10.1001/jamainternmed.2020.4012

This cohort study compares family caregiver hours provided to those with vs without dementia during the last 10 years of life.

Clinical Outcomes of In-Hospital Cardiac Arrest in COVID-19

Shrinjaya B. Thapa, MD; Tanya S. Kakar, MD; Corey Mayer, DO, MBA; et al.

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

FREE *JAMA Intern Med.* 2021;181(2):279-281. doi:10.1001/jamainternmed.2020.4796

This case series examines outcomes of in-hospital cardiac arrest among patients with COVID-19.

Characteristics and Reporting of Number Needed to Treat, Number Needed to Harm, and Absolute Risk Reduction in Controlled Clinical Trials, 2001-2019

Marissa H. Elliott, MPH; Joshua J. Skydel, BS; Sanket S. Dhruva, MD, MHS; et al.

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

JAMA Intern Med. 2021;181(2):282-284. doi:10.1001/jamainternmed.2020.4799

This cross-sectional study assesses the trends and characteristics of absolute measure reporting in highly cited medical journals from 2001 to 2019.

Prolonged Increases in Public-Payer Spending and Prices After Unapproved Drug Initiative Approval of Colchicine

Natalie McCormick, PhD; Zachary S. Wallace, MD, MSc; Chio Yokose, MD; et al.

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

JAMA Intern Med. 2021;181(2):284-287. doi:10.1001/jamainternmed.2020.5017

This cohort study examines national Medicaid and Medicare drug-spending data to examine colchicine prices over the period from 2008 to 2017.

Physician Work Environment and Well-Being

Electronic Health Record Use by Sex Among Physicians in an Academic Health Care System

Sarah D. Tait, BA; Sachiko M. Oshima, BA; Yi Ren, MS; et al.

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

JAMA Intern Med. 2021;181(2):288-290. doi:10.1001/jamainternmed.2020.5036

This cohort study examines the association of sex with electronic health record use among physicians and patient satisfaction.

Editor's Note

Sex-Based Differences Entangling With Electronic Health Record Documentation

Jennifer Claytor, MD, MS; Richard W. Grant, MD, MPH

Challenges in Clinical Electrocardiography

Ventricular Preexcitation in a Patient Found to Have Wolff-Parkinson-White Pattern

Anjali B. Thakkar, MD, MBA; Melvin Scheinman, MD; Nora Goldschlager, MD

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

JAMA Intern Med. 2021;181(2):262-263. doi:10.1001/jamainternmed.2020.6847

This case report describes a man in his 30s with a history of methamphetamine and heroin use who presented with 30 minutes of exertional, sharp, left-sided chest pain.

An Elderly Woman With a Pause—Never Miss a Beat

Ahlam A. Al Awadhi, MBBS; Omar Al Falasi, MBBS, MD; Moutaz El Kadri, MD, MSc, PhD

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

JAMA Intern Med. 2021;181(2):264-265. doi:10.1001/jamainternmed.2020.7064

A woman in her 80s presented with missed beats after sustaining a mechanical fall. What is your diagnosis?

Comment & Response

Employee Wellness Programs

Lawrence W. Raymond, MD, ScM

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

JAMA Intern Med. 2021;181(2):291. doi:10.1001/jamainternmed.2020.5737

Employee Wellness Programs

Irena Pesis-Katz, PhD; Lisa Norsen, RN, PhD; Renu Singh, MS

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

JAMA Intern Med. 2021;181(2):291-292. doi:10.1001/jamainternmed.2020.5748

Employee Wellness Programs—Reply

Julian Reif, PhD; Damon Jones, PhD; David Molitor, PhD

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

JAMA Intern Med. 2021;181(2):292-293. doi:10.1001/jamainternmed.2020.5746

Marijuana Is Not the Only Cause of Drugged Driving

Edward C. Wood, MBA

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JAMA Intern Med. 2021;181(2):293. doi:10.1001/jamainternmed.2020.6272

Marijuana Is Not the Only Cause of Drugged Driving—Reply

Mark R. Rosekind, PhD; Johnathon P. Ehsani, PhD; Jeffrey P. Michael, EdD

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JAMA Intern Med. 2021;181(2):293-294. doi:10.1001/jamainternmed.2020.6275

Poor Performance of Masks Secured Using Ear Loops

Chee Fu Yung, MBChB, MSt

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Factors Associated With the Declining Trends of Hip Fractures

Esme Fuller-Thomson, PhD; Amy P. Munro, BSc, MSW

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JAMA Intern Med. 2021;181(2):294-295. doi:10.1001/jamainternmed.2020.6477

Factors Associated With the Declining Trends of Hip Fractures

Long Shao, MD, PhD; Xiang-Dong Wu, MD; Wei Huang, MD, PhD

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JAMA Intern Med. 2021;181(2):295-296. doi:10.1001/jamainternmed.2020.6480

Factors Associated With the Declining Trends of Hip Fractures—Reply

Timothy Bhattacharyya, MD; Marian T. Hannan, DSc, MPH; Douglas P. Kiel, MD, MPH

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53 articles in this issue

1. [If Kindness Were a Drug, the FDA Would Approve It](#)

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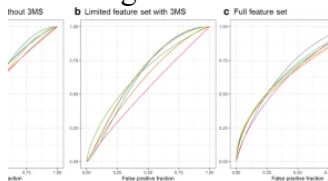
- Anne Walling
- Content type: Editorial
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2. [Machine Learning to Develop and Internally Validate a Predictive Model for Post-operative Delirium in a Prospective, Observational Clinical Cohort Study of Older Surgical Patients](#)

Authors (first, second and last of 22)

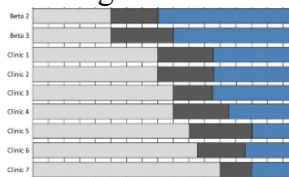
- Annie M. Racine
- Douglas Tommet
- , the RISE Study Group
- Content type: Original Research
- Published: 19 October 2020
- Pages: 265 - 273



3. [Implementing Lean Quality Improvement in Primary Care: Impact on Efficiency in Performing Common Clinical Tasks](#)

Authors

- Dorothy Y. Hung
- Quan A. Truong
- Su-Ying Liang
- Content type: Original Research
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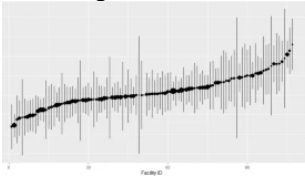
4. [Delta Studies: Expanding the Concept of Deviance Studies to Design More Effective Improvement Interventions](#)

Authors

- Alex H. S. Harris
- Hildi J. Hagedorn
- Andrea K. Finlay
- Content type: Original Research
- Published: 15 September 2020

- Pages: 280 - 287

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5. [The LEAP Program: Quality Improvement Training to Address Team Readiness Gaps Identified by Implementation Science Findings](#)

Authors (first, second and last of 7)

- Laura J. Damschroder
- Nicholas R. Yankey
- Julie C. Lowery
- Content type: Original Research
- Open Access
- Published: 08 September 2020
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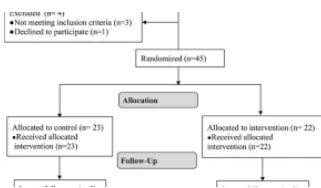
- Frank R. Chung
- Sarah Turecamo
- PRIM-ER Investigators
- Content type: Original Research
- Published: 27 October 2020
- Pages: 296 - 304

7. [Education vs Clinician Feedback on Antibiotic Prescriptions for Acute Respiratory Infections in Telemedicine: a Randomized Controlled Trial](#)

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- Lily Du Yan
- Kristin Dean
- Rana F. Hamdy
- Content type: Original Research
- Published: 26 August 2020
- Pages: 305 - 312

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8. [Seeding Structures for a Community of Practice Focused on Transient Ischemic Attack \(TIA\): Implementing Across Disciplines and Waves](#)

Authors (first, second and last of 9)

- Lauren S. Penney
- Barbara J. Homoya
- Dawn M. Bravata
- Content type: Original Research
- Open Access
- Published: 01 September 2020
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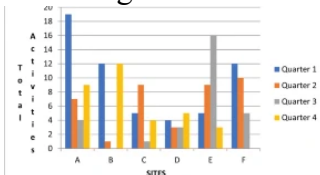
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9. [Implementation Evaluation of a Complex Intervention to Improve Timeliness of Care for Veterans with Transient Ischemic Attack](#)

Authors (first, second and last of 17)

- T. M. Damush
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- D. M. Bravata
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- Published: 03 November 2020
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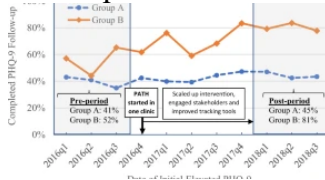
10. [Transforming Population-Based Depression Care: a Quality Improvement Initiative Using Remote, Centralized Care Management](#)

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- Denise Chang
- Andrew D. Carlo
- David R. Flum

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- Published: 31 August 2020
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11. [Effects of Leader Tactics on the Creativity, Implementation, and Evolution of Ideas to Improve Healthcare Delivery](#)

Authors

- Yuna S. H. Lee
- Paul D. Cleary
- Ingrid M. Nembhard
- Content type: Original Research
- Published: 31 August 2020
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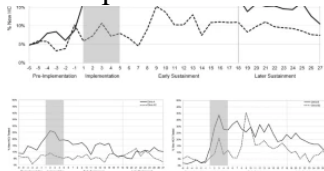
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12. [Using Lean-Facilitation to Improve Quality of Hepatitis C Testing in Primary Care](#)

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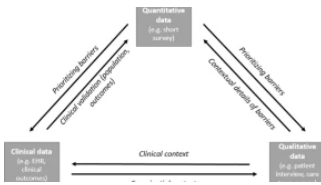


13. [Development and Implementation of a Complex Health System Intervention Targeting Transitions of Care from Hospital to Post-acute Care](#)

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- Elizabeth J. Austin
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- Giana H. Davidson
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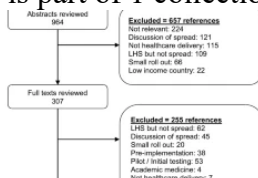
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	Low Risk	Medium Risk	
	1 to 40 g	41 to 60 g	61
standard drinks, 14 g)	0 to 3 drinks	3 to <4 drinks	4 to
S. standard drinks, 14 g)	0 to 20 drinks	21 to 30 drinks	31

World Health Organization II			
	Low Risk	Medium Risk	
	1 to 20 g	21 to 40 g	41
standard drinks, 14 g)	0 to 1 drinks	2 to <3 drinks	3 to
S. standard drinks, 14 g)	0 to <10 drinks	10 to <20 drinks	20

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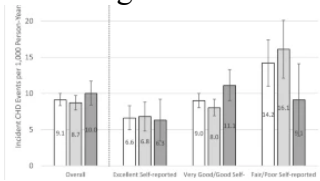
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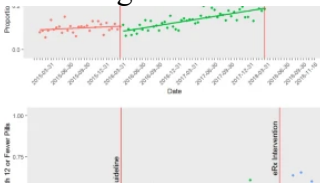
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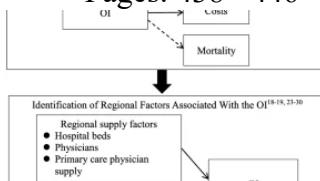
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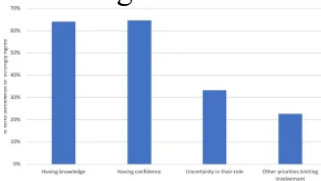


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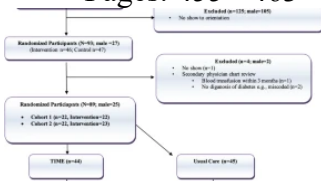
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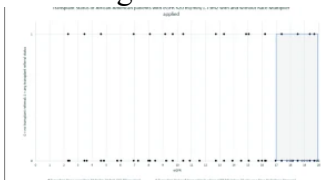
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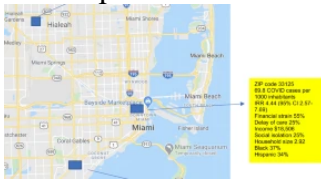
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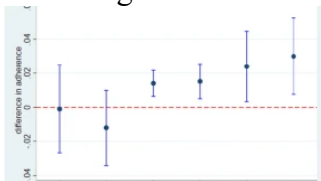
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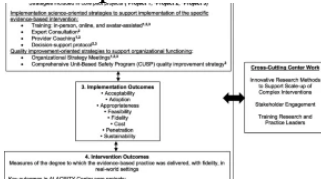
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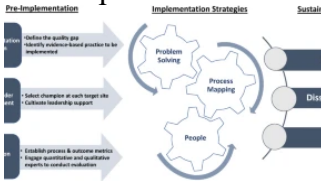


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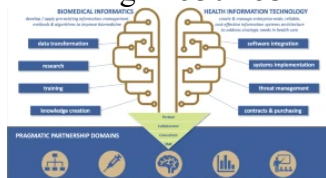
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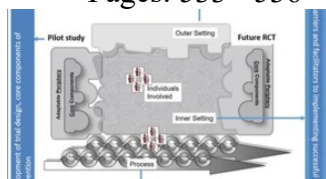
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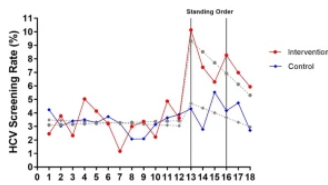
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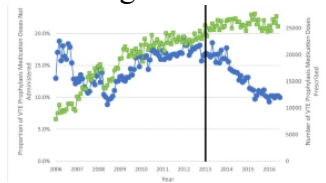
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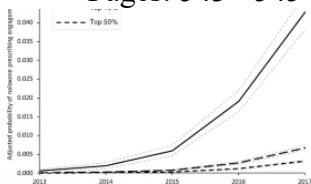
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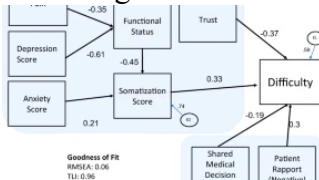
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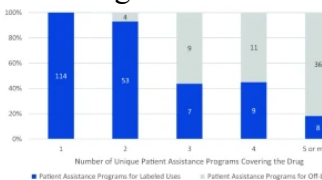
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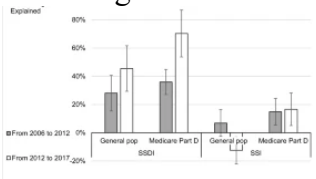


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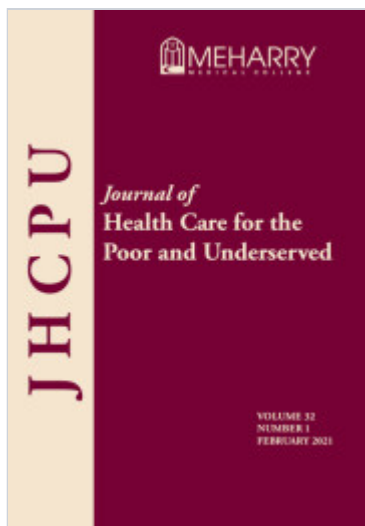
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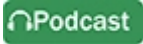
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✓ Pediatric COVID-19 Cases Prelockdown and Postlockdown in Italy

Stefania Bellino, Maria Cristina Rota, Flavia Riccardo, Xanthi Andrianou, Alberto Mateo Urdiales, Martina Del Manso, Ornella Punzo, Antonino Bella, Alberto Villani, Patrizio Pezzotti, COVID-19 Working Group
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✔ **Correction for FELDMAN 2020-042143**

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