

In This Issue: January 28, 2020

Research

PRELIMINARY COMMUNICATION

319 Effect of Treating Parents Colonized With *Staphylococcus aureus* on Transmission to Neonates in the Intensive Care Unit: A Randomized Clinical Trial

AM Milstone and Coauthors

This randomized clinical trial evaluates whether use of intranasal mupirocin and topical chlorhexidine to treat or prevent *Staphylococcus aureus* colonization in parents was effective compared with petrolatum ointment and soap cloths at reducing new colonization of concordant-strain *S aureus* in infants in the neonatal intensive care unit (NICU).

Editorial **313**

ORIGINAL INVESTIGATION

329 Association of Isolated Diastolic Hypertension as Defined by the 2017 ACC/AHA Blood Pressure Guideline With Incident Cardiovascular Outcomes

JW McEvoy and Coauthors

This study uses NHANES survey and population cohort data to compare the prevalence of isolated diastolic hypertension (IDH) in the United States by 2017 ACC/AHA and 2003 Joint National Committee (JNC7) definitions and to compare associations with cardiovascular disease (CVD).

339 Yield of a Public Health Screening of Children for Islet Autoantibodies in Bavaria, Germany

A-G Ziegler and Coauthors
for the FrIda Study Group

This study categorizes the prevalence of 2 or more islet autoantibodies identified in preschool children in a population screening program, and the progression from presymptomatic to clinical symptomatic type 1 diabetes.

+ CME

Opinion

VIEWPOINT

303 Manipulating the Human Microbiome to Manage Disease

CP Harkins, HH Kong, and JA Segre

+ Audio

305 Challenges to the Reproducibility of Machine Learning Models in Health Care

AL Beam, AK Manrai, and M Ghassemi

+ Available online

jama.com

307 DNA-Based Population Screening: Potential Suitability and Important Knowledge Gaps

MF Murray, JP Evans, and MJ Khoury

309 Strategic Need for Large Prospective Studies in Different Populations

Z Chen, J Emberson, and R Collins

A PIECE OF MY MIND

311 A Call for Help—Reflections on Burnout, CABG Surgery, and the Super Bowl

JS Greenberg

In this narrative medicine essay, a surgeon uses the example of an NFL coach who after taking time away for burnout led his team to a Super Bowl championship to reflect on how a supportive environment that cares for patients and physicians could reduce burnout and subsequent adverse health outcomes.

EDITORIAL

313 Decreasing *Staphylococcus aureus* in the Neonatal Intensive Care Unit by Decolonizing Parents

P Zachariah and L Saiman

Related Article **319**

315 Malpractice Liability and Quality of Care: Clear Answer, Remaining Questions

WM Sage and K Underhill

Related Article **352**

318 JAMA Health Forum—A New Channel of Information

H Bauchner and TJ Easley

+ Video

Clinical Review & Education

REVIEW

352 Malpractice Liability and Health Care Quality: A Review

MM Mello and Coauthors

This systematic review summarizes evidence of associations between malpractice liability risk, defined as the extent to which clinicians face the threat of being sued and having to pay damages, and measures of health care quality and safety.

Editorial **315**

+ CME

+ Online at JAMA.com

MULTIMEDIA

+ **Editor's Audio Summary:** Howard Bauchner, MD.

Listen as editors discuss this week's issue

+ **Audio:** The Keto, Atkins, and Pritikin Diets

+ **Audio:** Dieting for Weight Loss: The Importance of Proteins and the Color of Food

+ **Author Audio Interview:** Manipulating the Human Microbiome to Manage Disease

INSTRUCTIONS FOR AUTHORS

+ jamanetwork.com/pages/for-authors

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Editor in Chief
Howard Bauchner, MD

136 YEARS
OF CONTINUOUS
PUBLICATION

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JAMA INSIGHTS

367 Osteoporosis Screening in Younger Postmenopausal Women

CJ Crandall and KE Ensrud

This JAMA Insights in the Women's Health series summarizes USPSTF recommendations for screening postmenopausal women younger than 65 years for osteoporosis and advises use of the Osteoporosis Self-Assessment Tool (OST) for identifying younger women at risk of fracture who should undergo bone densitometry (DXA) testing.

JAMA CLINICAL CHALLENGE

369 Fever, Diarrhea, and Weight Loss in a Man With Inflammatory Polyarthriti

AR Sondhi, KD Platt, and A Gupta

A 61-year-old man with seronegative rheumatoid arthritis had persistent polyarthralgias, fever, and unintentional weight loss with an elevated CRP level despite treatment; he also had intermittent abdominal pain, protein-losing enteropathy, and steatorrhea, and esophagogastroduodenoscopy findings of white duodenal plaques with biopsy showing macrophages in the duodenal mucosa. What is the diagnosis and what would you do next?

JAMA PATIENT PAGE

386 Ketogenic Diets

Z Li and D Heber

This JAMA Patient Page describes ketogenic diets, their medical uses, and their potential health benefits, risks, and side effects.

Audio

News & Analysis

MEDICAL NEWS & PERSPECTIVES

297 In Alzheimer Research, Glucose Metabolism Moves to Center Stage

BM Kuehn

This Medical News article discusses the roles that glucose metabolism, diabetes medication, and lifestyle interventions may play in the development and progression of Alzheimer disease and other dementias.

HEALTH AGENCIES UPDATE

300 HHS Provides Free PrEP Medication to People Without Drug Coverage

300 Too Much Screen Time for Young Children, Experts Say

300 Rural Veterans Less Likely to Get Medication for Opioid Use Disorder

CLINICAL TRIALS UPDATE

301 Six Weeks of Prednisolone Reduced Hand Osteoarthritis Pain

301 Self-tests Increased HIV Diagnoses

301 Physiotherapy Not Effective for Pediatric Constipation

301 Testosterone Improved Body Composition in Male Cancer Survivors

301 Dapagliflozin Cut Risk of Worsening Heart Failure

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302 Studies Support HPV Safety

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381 Nothing New Under the Sun

C Matthews

JAMA REVISITED

382 Current Comment: Competitors in Unpopularity

Letters

RESEARCH LETTER

372 Intravenous Ondansetron in Pregnancy and Risk of Congenital Malformations

KF Huybrechts and Coauthors

This pharmacoepidemiology study uses Medicaid data to estimate associations between first-trimester use of intravenous ondansetron and risk of cardiac malformations and oral cleft in children of exposed mothers.

374 First-Trimester Pregnancy Exposure to Modafinil and Risk of Congenital Malformations

P Damkier and A Broe

This study uses pharmacoepidemiology data from Danish national health registries to examine the association between first-trimester exposure to modafinil and risk of major congenital malformations.

COMMENT & RESPONSE

Treatment of Iron Deficiency After Gastric Bypass

376 M Auerbach

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377 SB Murali

Home-Based Physical Therapy for Older Adults After Hip Fracture

378 J Schlicht

378 Z Xu, J Pan, and Y Qian

In Reply

379 J Magaziner and R Craik

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