

Research

Respiratory Protection for Health Care Workers

824

Disposable N95 filtering facepiece respirators prevent the inhalation of small airborne particles; medical masks prevent hand-to-face contact and facial contact with large droplets and sprays. For the ResPECT Investigators, Radonovich and colleagues randomized 2862 health care workers in 137 outpatient settings who were exposed to patients with suspected or confirmed respiratory illness and found no significant difference in the incidence of laboratory-confirmed influenza for workers assigned to wear N95 respirators vs medical masks. In an Editorial, Talbot and Babcock note that mandatory influenza vaccination policies for health care workers have been shown to reduce symptomatic absenteeism.

Editorial 817

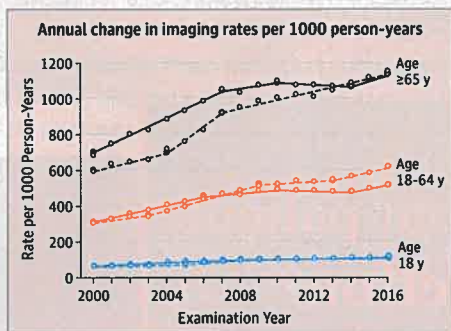
Warfarin Prophylaxis for Hip or Knee Arthroplasty

834

Warfarin dosing is based on international normalized ratio (INR) measurements to balance the risks of thrombosis vs hemorrhage. Gage and colleagues randomized 1650 patients aged 65 years or older who were initiating warfarin for elective hip or knee arthroplasty and found that an INR goal of 1.8 compared with an INR goal of 2.5 did not meet the criterion for noninferiority for the composite outcome of venous thromboembolism or death.

Trends in the Use of Medical Imaging

843



Medical imaging has diagnostic benefits but is costly and can lead to overdiagnosis, anxiety, and radiation exposure. Smith-Bindman and colleagues conducted a retrospective cohort study of 135 774 532 imaging examinations in the United States and Ontario, Canada, and found that rates of computed tomographic and magnetic resonance imaging increased during the period 2000 to 2016 but at a slower pace in

more recent years. In an Editorial, Levine and Duszak suggest that while imaging studies can be expensive, in the context of an episode of care they may yield overall cost savings.

Editorial 819

CME jamanetwork.com/learning



Humanities

Poetry and Medicine

896 Her Room
W Morrison

JAMA Revisited

897 Hasty Generalizations

Opinion

Viewpoint

809 Lessons Learned From the Opioid Epidemic
JM Sharfstein and Y Olsen

811 Realizing Shared Decision-making in Practice
MC Beach and J Sugarman

813 Harms From Uninformative Clinical Trials
DA Zarin, SN Goodman, and J Kimmelman

A Piece of My Mind

815 A Wave
MM Demczko

Editorial

817 Respiratory Protection of Health Care Personnel to Prevent Respiratory Viral Transmission
TR Talbot and HM Babcock

819 Evolving Priorities for Imaging Utilization Research: From Outputs to Outcomes
D Levine and R Duszak Jr

821 Medications to Reduce Breast Cancer Risk: Promise and Limitations
LE Pace and NL Keating

LETTERS

Research Letter

890 Incidence of Maternal Sepsis and Sepsis-Related Maternal Deaths in the United States
MK Hensley and Coauthors

Comment & Response

892 Workplace Wellness Programs and Health Outcomes

893 Perinatal Outcomes in Medicaid Expansion and Nonexpansion States Among Hispanic Women

894 Regulating Decisions for Incapacitated Pregnant Women

895 Correction

Editor in Chief
Howard Bauchner, MD

136 YEARS
OF CONTINUOUS
PUBLICATION

Clinical Review & Education

RECOMMENDATION STATEMENT

Medications for Reducing the Risk of Breast Cancer

857

Tamoxifen, raloxifene, and aromatase inhibitors can reduce the risk of breast cancer, but the use of these drugs is associated with adverse events. The US Preventive Services Task Force recommends that clinicians offer to prescribe risk-reducing medications, such as tamoxifen, raloxifene, or aromatase inhibitors, to women who are at increased risk for breast cancer and at low risk for medication-related adverse events. In an Editorial, Pace and Keating suggest that better decision aids are needed to help patients assess the benefits and risks of initiating treatment.

📖 Editorial 821 Related Article 868 JAMA Patient Page 900
🎧 Author Audio Interview jama.com CME jamanetwork.com/learning

EVIDENCE REPORT

Outcomes of Medication Use for Breast Cancer Risk Reduction

868

The decision to start a breast cancer risk-reducing medication should be based on an accurate assessment of potential benefits and harms. Nelson and colleagues reviewed 46 studies and found that tamoxifen, raloxifene, and aromatase inhibitors were associated with a lower risk for primary invasive breast cancer in women, but also were associated with adverse events.

📖 Editorial 821 Related Article 857 JAMA Patient Page 900

A Woman With Poor Nutrition and Depressed Mood

887

This JAMA Diagnostic Test Interpretation article by Murali presents a 37-year-old woman with a history of depression and Roux-en-Y gastric bypass who had fatigue, hair loss, and a tingling sensation in her hands and feet. Serum tests indicated hematologic and nutritional abnormalities. What would you do next?

Medications to Reduce Breast Cancer Risk



JAMA Patient Page

900 Medications to Reduce Breast Cancer Risk

NEWS & ANALYSIS

Medical News & Perspectives

802 With Neuroimaging, Large NIH Study Could Shine a Light on the Adolescent Brain

804 Vacationing More Often May Reduce Metabolic Syndrome Risk

Bench to Bedside

805 Compound in Broccoli Restores Tumor Suppressor Activity

807 News From the FDA

Nasal Glucagon Approved for Severe Hypoglycemia

First Therapy for Rare Joint Tumor Is Approved

New Antibacterial Should Be Used With Caution

Online @ jama.com



Editor's Audio Summary

Howard Bauchner, MD, summarizes and comments on this week's issue.

Online First Articles

Visit jamanetwork.com/journals/jama/newonline for just-published opinion pieces and Medical News features.

JAMA Network at ESC

Explore the collection of late-breaking research articles and related content at jamanetwork.com/journals/jama/pages/esc.

Author Audio Interview



Yngvild Olsen, MD, MPH, author of "Lessons Learned From the Opioid Epidemic"

Author Audio Interview



Michael J. Barry, MD, author of "Medication Use to Reduce Risk of Breast Cancer: US Preventive Services Task Force Recommendation Statement"

Departments

799 Staff Listing

889 CME Questions

898 Classified Advertising

898 Journal Advertiser Index

899 Contact Information

Instructions for Authors

jama.com/public/instructionsforauthors.aspx