

In This Issue: December 7, 2021

Research

ORIGINAL INVESTIGATION

2141 Effect of a Diagnostic Strategy Using an Elevated and Age-Adjusted D-Dimer Threshold on Thromboembolic Events in Emergency Department Patients With Suspected Pulmonary Embolism: A Randomized Clinical Trial

Y Freund and Coauthors

This clinical trial compares the safety of a strategy that combines the YEARS rule with the pulmonary embolism rule-out criteria (PERC) rule and an age-adjusted D-dimer threshold vs a conventional diagnostic strategy for venous thromboembolism (VTE) among emergency department patients with suspected pulmonary embolism (PE).

Editorial 2135

Wisual Abstract | CME

or Mindfulness-Based Stress Reduction on Prevention of Small-for-Gestational Age Birth Weights in Newborns
Born to At-Risk Pregnant Individuals:
The IMPACT BCN Randomized Clinical Trial

F Crovetto and Coauthors for the IMPACT BCN Trial Investigators

This study investigates whether structured interventions based on a Mediterranean diet or mindfulness-based stress reduction in high-risk pregnancies can reduce the percentage of newborns born small for gestational age (SGA) and other adverse pregnancy outcomes.

Editorial 2137

E CME

2161 Effect of High-Flow Oxygen Therapy vs Conventional Oxygen Therapy on Invasive Mechanical Ventilation and Clinical Recovery in Patients With Severe COVID-19: A Randomized Clinical Trial

GA Ospina-Tascón and Coauthors for the HiFLo-Covid Investigators

This randomized trial assesses the effect of high-flow oxygen therapy through a nasal cannula vs conventional oxygen therapy on 28-day intubation rates and time to clinical recovery among patients with respiratory distress due to COVID-19.

Opinion

VIEWPOINT

2127 Diagnostic Excellence Through the Lens of Patient-Centeredness

DM Berwick

2129 How to Measure Progress in Addressing Physician Well-being: Beyond Burnout

LS Rotenstein, C Sinsky, and CK Cassel

2131 Strengthening the FDA's Enforcement of Clinical Trials.gov Reporting Requirements R Ramachandran, CJ Morten, and JS Ross

A PIECE OF MY MIND

2133 Three Stories About the Value of Advance Care Planning

JR Curtis

In this narrative medicine essay, a critical care palliative care physician shares how 2 family members could not communicate their end of life wishes but had engaged in discussions to help guide the family's decisions on their care, which brought comfort, and how as he now faces life-limiting illness these same discussions help him focus on joy rather than fear and grief.

EDITORIAL

2135 Diagnostic Strategies for Suspected Pulmonary Embolism

M Levi and N van Es

Related Article 2141

2137 Mindfulness-Based Stress Reduction, Mediterranean Diet, and Fetal Growth

M Bublitz and MG Tuuli

Related Article 2150

2139 Promotion of Oral Health and Prevention of Dental Caries Among Children in Primary Care

MB Clark and PA Braun

Related Articles 2172 and 2179
JAMA Patient Page 2223

Audio

Online at JAMA.com

AUDIO

Editor's Summary of This Issue
USPSTF Recommendation:
Screening and Interventions to Prevent
Dental Caries in Children

E CME

Find CME quizzes online at jamacmelookup.com

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Interim Editor in Chief
Phil B. Fontanarosa, MD, MBA

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Clinical Review & Education

US PREVENTIVE SERVICES TASK FORCE

2172 Screening and Interventions to Prevent Dental Caries in Children Younger Than 5 Years: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

This 2021 Recommendation Statement from the US Preventive Services Task Force recommends that primary care clinicians prescribe oral fluoride supplementation starting at age 6 months for children whose water supply is deficient in fluoride (B recommendation) and apply fluoride varnish to the primary teeth of all children starting at the age of primary tooth eruption (B recommendation) and concludes that current evidence is insufficient to assess the benefits and harms of routine primary care dental caries screening in children younger than 5 years (I statement).

Editorial 2139 Related Article 2179 JAMA Patient Page 2223

Audio | CME

2179 Screening and Interventions to Prevent Dental Caries in Children Younger Than 5 Years: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

R Chou and Coauthors

This systematic review to support the 2021 US Preventive Services Task Force Recommendation Statement on screening and interventions to prevent dental caries in children summarizes published evidence on the benefits and harms of screening and interventions provided by primary care clinicians to prevent dental caries in children younger than 5 years.

Editorial 2139 Related Article 2172 JAMA Patient Page 2223

Audio

JAMA CLINICAL GUIDELINES SYNOPSIS

2193 Cervical Cancer Screening Guideline for Individuals at Average Risk

J Chor, AM Davis, and JM Rusiecki

This JAMA Clinical Guidelines Synopsis summarizes guidance from the American Cancer Society regarding cervical cancer screening, including when to initiate screening, the frequency of testing, and which modality to use.

JAMA CLINICAL CHALLENGE

2195 Pharyngitis and Tonsillar Exudates in an 18-Year-Old Woman

K Walte

An 18-year-old woman with no significant medical history and no history of sexual intercourse had pharyngitis and white tonsillar exudates of 1 week duration. She had neck swelling and occasional dry cough but no fevers, chills, or fatigue; results of a rapid strep test, throat culture, and heterophile antibody test were negative. What is the diagnosis and what would you do next?

JAMA PATIENT PAGE

2223 Screening and Interventions to Prevent Dental Caries in Young Children

JJir

This JAMA Patient Page describes the US Preventive Services Task Force's recommendations on screening and interventions to prevent dental caries in young children.

Editorial 2139
Related Articles 2172 and 2179

Audic

News & Analysis

MEDICAL NEWS & PERSPECTIVES

2117 Thousands of US Youths Cope With the Trauma of Losing Parents to COVID-19

A Slomski

This Medical News article discusses the stress and grief reactions that children and teens face after losing a parent or close caregiver to COVID-19.

NEWS FROM THE JAMA NETWORK

2120 Preterm Delivery Is a Long-term Hypertension Risk Factor

2120 Methylphenidate Treats Apathy in Alzheimer Disease

2120 Preemptive Treatment Reduced Autism Symptom Severity

2120 Statin Use Is Associated With Diabetes Progression

NEWS FROM THE FOOD AND DRUG ADMINISTRATION

2121 Public-Private Partnership Sets Its Sights on New Gene Therapies

2121 Asbestos Wasn't Found in Cosmetics
Containing Talc

2121 US, Canada, and UK Collaborate on New Guidance for Machine Learning

Humanities

POETRY AND MEDICINE

2216 A Short Flight in a Small Room M Bombardier

JAMA REVISITED

2217 Current Comment

Letters

RESEARCH LETTER

2201 Racial and Ethnic Representation in US Clinical Trials of New Drugs and Biologics, 2015-2019

M Lolic and Coauthors

This study reviews the participation of racial and ethnic populations at US sites in 2015-2019 to understand the extent to which US trial participation represents the diversity of the US population.

2203 Antibody Titers
Before and After a Third Dose
of the SARS-CoV-2 BNT162b2 Vaccine
in Adults Aged ≥60 Years

N Eliakim-Raz and Coauthors

This study assesses antispike (anti-S) IgG antibody titers before and after a third BNT162b2 dose (booster) in individuals aged 60 years and older in Israel.

COMMENT & RESPONSE

Preconception Care to Optimize Pregnancy Outcomes

2204 SY Lee and EN Pearce

In Reply

2205 MG Tuuli

Clinical Update on Novel Lipid-Lowering Therapies to Reduce Cardiovascular Risk

2205 KK Ray and RS Wright

In Reply

2205 JT Wilkins and DM Lloyd-Jones

A Review of Chronic Pelvic Pain in Women

2206 AK Mardon, HB Leake, and KJ Chalmers2206 T Garg and A Shrigirwar2207 P Petros, M Swash, and J Bornstein

In Reply

2207 G Lamvu, C Ouyang, and A Rapkin

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