

JAMA

In This Issue: July 26, 2022

Research

ORIGINAL INVESTIGATION

336 Effect of High- vs Low-Dose Tranexamic **Acid Infusion on Need for Red Blood Cell Transfusion and Adverse Events in Patients Undergoing Cardiac Surgery:** The OPTIMAL Randomized Clinical Trial

J Shi and Coauthors

for the OPTIMAL Study Group

This randomized clinical trial assesses the rate of red blood cell transfusion after start of operation as well as a composite safety outcome with use of high-dose vs low-dose tranexamic acid infusion in patients undergoing cardiac surgery with cardiopulmonary bypass.

Visual Abstract

348 Effect of Intravitreal Aflibercept vs Laser **Photocoagulation on Treatment Success** of Retinopathy of Prematurity: The FIREFLEYE Randomized Clinical Trial

A Stahl and Coauthors for the FIREFLEYE Study Group

This noninferiority randomized clinical trial compares intravitreal aflibercept with laser photocoagulation in infants with retinopathy of prematurity requiring treatment.

Editorial 332

Visual Abstract

360 Changes in the Relationship **Between Income and Life Expectancy** Before and During the COVID-19 Pandemic, California, 2015-2021

H Schwandt and Coauthors

This study examines changes in the income-life expectancy gradient between 2015 and 2021, including the period before and during the first 2 years of the pandemic, and how changes differed across racial and ethnic populations.

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VIEWPOINT

325 The End of Roe v Wade and New Legal Frontiers on the Constitutional Right to Abortion

IG Cohen, M Murray, and LO Gostin

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327 The Indian Health Service and the Need for Resources to Implement Graduate **Medical Education Programs**

M Tobey, A Ott, and M Owen

329 Rethinking Algorithm Performance **Metrics for Artificial Intelligence** in Diagnostic Medicine

MA Reyna, EO Nsoesie, and GD Clifford

A PIECE OF MY MIND

331 Parenthood: A Bridge of Empathy

KD Stepanyan

In this narrative medicine essay, a palliative care specialist whose sense of lost identity during her initial weeks of motherhood finds that emerging from her experience engendered a profound empathy for her patients and their families.

EDITORIAL

332 Treatment of Retinopathy of Prematurity:

Moving Forward With Uncertainty

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334 Implications of the New Recommendation on Behavioral Counseling Interventions to Promote Healthy Eating and Physical Activity

D Mozaffarian

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Clinical Review & Education

US PREVENTIVE SERVICES TASK FORCE

367 Behavioral Counseling Interventions to Promote a Healthy Diet and Physical **Activity for Cardiovascular Disease Prevention in Adults Without Cardiovascular Disease Risk Factors:** US Preventive Services Task Force

Recommendation Statement

US Preventive Services Task Force

This 2022 Recommendation Statement from the US Preventive Services Task Force recommends that clinicians individualize the decision to offer or refer adults without CVD risk factors to behavioral counseling interventions to promote a healthy diet and physical activity (C recommendation).

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AUDIO

Editor's Summary of This Issue

USPSTF Recommendation: Behavioral Counseling Interventions to Promote Healthy Behaviors for CVD Prevention

July 2022 Medical News Summary

CME quizzes online at jamacmelookup.com

CME Disclosure Statement: Unless noted, all individuals in control of content reported no relevant financial relationships. If applicable, all relevant financial relationships have been mitigated.

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Kirsten Bibbins-Domingo, PhD, MD, MAS

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375 Behavioral Counseling Interventions to Promote a Healthy Diet and Physical Activity for Cardiovascular Disease Prevention in Adults Without Known Cardiovascular Disease Risk Factors: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

CD Patnode and Coauthors

This systematic review to support the 2022 US Preventive Services Task Force Recommendation Statement on behavioral counseling to promote healthy lifestyle for cardiovascular disease (CVD) prevention summarizes published evidence on the benefits and harms of behavioral counseling interventions to improve diet, increase physical activity, and reduce sedentary behavior in adults without known CVD risk factors.

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JAMA CLINICAL GUIDELINES SYNOPSIS

389 Obesity and Weight Management for Prevention and Treatment of Type 2 Diabetes

C Jiang, AS Cifu, and S Sam

This JAMA Clinical Guidelines Synopsis summarizes the American Diabetes Association's 2022 recommendations on obesity and weight management for the prevention and treatment of type 2 diabetes.

E CME

JAMA PATIENT PAGE

404 Behavioral Counseling Interventions to Promote a Healthy Diet and Physical Activity to Prevent CVD in Adults Without Risk Factors

J Jin

This JAMA Patient Page summarizes the US Preventive Services Task Force's recent recommendations on behavioral counseling interventions to promote a healthy diet and physical activity to prevent cardiovascular disease in adults without cardiovascular disease risk factors.

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315 Code Blue—What to Do When the Shooting Starts

HD Larkin

This Medical News article describes how planning and drilling could save lives during an active shooter incident in a health care setting.

318 How Abortion Bans Could Affect Care for Miscarriage and Infertility

This Medical News feature examines the possible ramification of abortion bans beyond pregnancy termination.

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391 Access to American College of Surgeons Committee on Trauma-Verified Trauma Centers in the US, 2013-2019

J Choi and Coauthors

This study uses data from the American Trauma Society's Trauma Information Exchange Program to evaluate trends in nationwide 60-minute access to American College of Surgeons Committee on Trauma-verified level I-IV trauma centers between 2013 and 2019.

393 Recalls, Availability, and Content of Dietary Supplements Following FDA Warning Letters

PA Cohen and Coauthors

This study examines the frequency of product recalls and the presence of FDA-prohibited drugs in supplements after FDA warning letters.

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Risk of Adverse Pregnancy Outcomes Among US Individuals With Gestational Diabetes by Race and Ethnicity

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