

Research

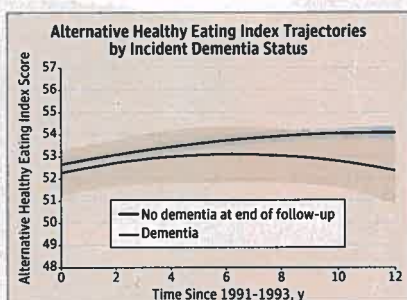
Epicutaneous Immunotherapy for Peanut Allergy 946

Compared with oral and sublingual immunotherapies for peanut allergy, epicutaneous immunotherapy uses a lower dose of peanut allergen, avoids oral allergen ingestion, and may have a lower risk of adverse events. Fleischer and colleagues randomized 356 peanut-allergic children and found a 21.7% difference in response for peanut-patch therapy vs placebo, but this difference did not meet the prespecified criterion for a positive trial result.

Editor's Note 956

Visual Abstract jama.com CME jamanetwork.com/learning

Midlife Diet and Risk of Dementia 957



The relationship of diet and cognitive aging is unclear because dietary behavior and nutrient intake can change during the long preclinical period of dementia. In a prospective cohort study of 8225 participants with long-term follow-up and multiple assessments of diet, Akbaraly and colleagues found that diet quality assessed in midlife was not significantly associated with subsequent risk of dementia.

Tramadol and All-Cause Mortality 969

Clinical guidelines recommended tramadol or nonsteroidal anti-inflammatory drugs for pain relief in patients with osteoarthritis of the knee. Zeng and colleagues conducted a propensity score-matched cohort study of 88 902 patients with osteoarthritis and found that tramadol was associated with a higher rate of mortality over 1-year follow-up in comparison with commonly prescribed nonsteroidal anti-inflammatory drugs, but not in comparison with codeine.

Opinion

Viewpoint

933 Building Trust Between Physicians, Hospitals, and Payers: A Renewed Opportunity for Transforming US Health Care
LG Sandy, HH Pham, and S Levine

935 Optimizing the Timing of Vaccine Administration in Pregnancy
B Abu-Raya and KM Edwards

937 Firearm Policies That Work
AM Zeoli and DW Webster

939 Maryland Total Cost of Care Model: Transforming Health and Health Care
KJ Sapra, K Wunderlich, and H Haft

A Piece of My Mind

941 Wearing Two Hats
JM Kowaleski

Editorial

943 Safeguarding the Patient's Own Blood Supply
MP Zeller and RM Kaufman

Editors Note

956 Epicutaneous Immunotherapy vs Placebo for Peanut Protein Ingestion Among Peanut-Allergic Children
JW Zylke

LETTERS

Research Letter

1003 High-Dose Vitamin D Supplementation During Pregnancy and Asthma in Offspring at the Age of 6 Years
N Brustad and Coauthors

Comment & Response

1005 Excess Deaths After Hurricane Maria in Puerto Rico

1006 Inferior Vena Cava Filters in the Management of Venous Thromboembolism

1007 Errors in Analysis of Mean Deviations in Study of Photocoagulation vs Ranibizumab for Diabetic Retinopathy

1008 Correction



Humanities

Poetry and Medicine

1009 All Hands
I Wicks

JAMA Revisited

1010 Saccharin—After the War



135 YEARS
OF CONTINUOUS
PUBLICATION

Editor in Chief
Howard Bauchner, MD

Clinical Review & Education

Recommendations for Patient Blood Management **983**

The goal of patient blood management (PBM) is to achieve optimal red blood cell mass by minimizing blood loss and limiting transfusions. Mueller and colleagues for the ICC PBM Frankfurt 2018 Group discuss the management of preoperative anemia, thresholds for red blood cell transfusion, and implementation of PBM programs. In an Editorial, Zeller and Kaufman note that many health care systems have adopted PBM programs because they lower costs and may improve patient outcomes.

📖 Editorial **943**

📺 CME jamanetwork.com/learning

Internal Hernia During Pregnancy **998**



This JAMA Clinical Challenge by Fedorka and colleagues presents a pregnant 31-year-old woman with severe abdominal pain who had undergone a gastric bypass 4 years earlier. After giving birth to a healthy infant, the patient continued to have severe pain with rebound tenderness and unstable vital signs; a computed tomography scan of the abdomen showed an internal hernia with mesenteric vascular compromise. What would you do next?

Dupilumab for Moderate to Severe Asthma **1000**

Dupilumab is a subcutaneously injected monoclonal antibody that decreases inflammation in patients with atopic dermatitis or asthma. This Medical Letter on Drugs and Therapeutics discusses add-on maintenance treatment with dupilumab for patients with moderate to severe asthma.



JAMA Patient Page

1014 Meningococcal Meningitis

NEWS & ANALYSIS

Medical News & Perspectives

925 Addressing Medicine's Bias Against Patients Who Are Overweight

927 Quick Uptakes: No Compelling Evidence of Health Benefits From Nonsugar Sweeteners

The JAMA Forum

928 Immigrant Health, Value-Based Care, and Emergency Medicaid Reform

930 Biotech Innovations

Fit-Testing Transcatheter Aortic Valve Replacements With 3D Printing

Liver and Lung Transplant Advances

931 News From the CDC

School-Associated Youth Homicides

Transgender Youth Victimization

📺 Online @ jama.com



Editor's Audio Summary

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

Visual Abstract

"Effect of Epicutaneous Immunotherapy vs Placebo on Reaction to Peanut Protein Ingestion Among Children With Peanut Allergy: The PEPITES Randomized Clinical Trial"

Author Audio Interview



April M. Zeoli, PhD, MPH, author of "Firearm Policies That Work"

Online First Articles

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

Departments

917 Staff Listing

1002 CME Questions

1011 Classified Advertising

1012 Journal Advertiser Index

1013 Contact Information

Instructions for Authors

jamanetwork.com/public/instructionsforauthors.aspx