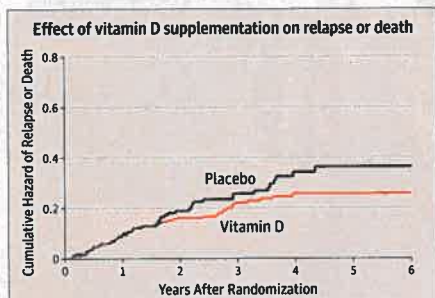


Research

Vitamin D and Survival With Digestive Tract Cancers

1361



Higher levels of vitamin D are associated with lower digestive system cancer mortality. Urashima and colleagues randomized 417 patients with cancers of the digestive tract and found that vitamin D supplementation did not improve relapse-free survival. In an Editorial, Barry and colleagues suggest that a higher vitamin D level may be an indicator of overall health status.

📖 Editorial 1354 Related Article 1370

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High-Dose Vitamin D and Survival With Colorectal Cancer

1370

Experimental evidence suggests that vitamin D may have antineoplastic activity. Ng and colleagues randomized 139 patients with advanced or metastatic colorectal cancer and found that adding high-dose vitamin D₃ vs standard-dose vitamin D₃, to standard chemotherapy had no benefit for the outcome of median progression-free survival but did reduce the hazard ratio for progression or death.

📖 Editorial 1354 Related Article 1361

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HIV Prophylaxis and Sexually Transmitted Infections

1380

Adherence to HIV preexposure prophylaxis reduces the risk of infection with HIV, but may be associated with behavioral change that leads to an increase in bacterial sexually transmitted infections. In an observational study with 2981 participants, Traeger and colleagues for the PrEPX Study Team found that participants were more likely to be diagnosed as having sexually transmitted infections after initiating HIV preexposure prophylaxis. In an Editorial, Gandhi and colleagues suggest that enhanced testing and treatment strategies could decrease the transmission of sexually transmitted infections.

📖 Editorial 1356

📺 CME jamanetwork.com/learning

Opinion

Viewpoint

1345 Physicians' Trust in One Another
RM Frankel, VP Tilden, and A Suchman

1347 Why Physicians Should Trust in Patients
R Grob, G Darien, and D Meyers

1349 Obesity Treatment, Beyond the Guidelines: Practical Suggestions for Clinical Practice
S Kahan and JE Manson

1351 Nutrition Education in Medical School, Residency Training, and Practice
S Devries, W Willet, and RO Bonow

A Piece of My Mind

1353 Having the Conversation I Encourage Others to Have
K Lally

Editorial

1354 Vitamin D as Cancer Therapy? Insights From 2 New Trials
EL Barry, MN Passarelli, and JA Baron

1356 Addressing the Sexually Transmitted Infection and HIV Syndemic
M Gandhi, MA Spinelli, and KH Mayer

1359 The Evolving Uses of "Real-World" Data
E Basch and D Schrag

LETTERS

Research Letter

1407 Nurse Practitioner and Physician Assistant Waivers to Prescribe Buprenorphine and State Scope of Practice Restrictions
J Spetz and Coauthors

Comment & Response

1408 Decontamination Strategies for Critically Ill Patients

1410 Multifaceted Program to Reduce Job Strain in ICU Nurses

1412 Correction



Photo: Lee Tisler

Humanities

The Arts and Medicine

1336 Clinical Role-Play in Autonomous Sensory Meridian Response (ASMR) Videos: Performance and Placebo in the Digital Era
A Ahuja and NK Ahuja

Poetry and Medicine

1413 Oximetry
EM Lovell

JAMA Revisited

1414 Green Foods and Vitamins

Editor in Chief
Howard Bauchner, MD

135 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Genomic Profiling, Clinical Care, and Therapeutic Outcomes 1391

Exploratory analyses of genomic and clinical data may suggest hypotheses for studies of cancer therapeutics. In a feasibility analysis of clinical and genomic data from the electronic health records of 4064 patients with non-small cell lung cancer, Singal and colleagues were able to replicate previously described associations between patient characteristics and responses to targeted therapy. In an Editorial, Basch and Schrag suggest that electronic patient data sets may have several applications, but too few of them include information about symptoms, functioning, and quality of life.

📺 Editorial 1359

Clinical Review & Education

Cost-effectiveness Analysis 1400

In this JAMA Guide to Statistics and Methods, Sanders and colleagues explain how the incremental benefits and costs of interventions can be compared within a consistent framework.

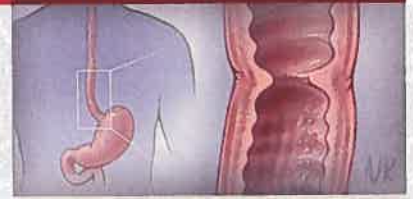
Reducing Wait Times in the Emergency Department 1402

This article in the JAMA Performance Improvement series presents a patient who visited an emergency department twice and waited a total of 6 hours to be evaluated for a scaphoid fracture. Mercer and colleagues discuss the implementation of a fast-track care pathway that reduced wait times for patients with low-acuity conditions without increasing wait times for patients with higher-acuity conditions.

📺 Author Audio Interview jama.com

A Woman With Headache and Blurred Vision 1404

This JAMA Diagnostic Test Interpretation article by Hale and colleagues presents a 65-year-old woman with a throbbing headache and blurred vision who had an elevated erythrocyte sedimentation rate, an elevated globulin gap, and a normal temporal artery biopsy. What would you do next?



JAMA Patient Page

1418 Eosinophilic Esophagitis

NEWS & ANALYSIS

Medical News & Perspectives

1338 Mesh Implants for Women: Scandal or Standard of Care?

1340 Quick Uptakes: Taking the Uncertainty Out of Interpreting BRCA Variants

1341 The JAMA Forum
Deprescribing Policies: Time for a Fresh Approach

1343 Biotech Innovations
Better Cholera Counts Through Machine Learning Models

Wireless Vital Signs Monitoring for the NICU

HIV Remission After Hematopoietic Stem Cell Transplant

1344 News From the CDC
Measles Vaccine Exemptions

Vaping and Pregnancy

📺 Online @ jama.com



Editor's Audio Summary

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

Visual Abstracts

"Effect of Vitamin D Supplementation on Relapse-Free Survival of Patients With Digestive Tract Cancers: The AMATERASU Randomized Clinical Trial" and "Effect of High-Dose vs Standard-Dose Vitamin D₃ Supplementation on Progression-Free Survival Among Patients with Advanced Metastatic Colorectal Cancer: The SUNSHINE Randomized Clinical Trial"

Author Audio Interview



John A. Baron, MD, MS, MSc, author of "Vitamin D as Cancer Therapy? Insights From 2 New Trials"

Author Audio Interview

Mary P. Mercer, MD, MPH, author of "Reducing Emergency Department Length of Stay"

Summary Video

Vitamin D Supplementation

Departments

1329 Staff Listing

1406 CME Questions

1415 Classified Advertising

1416 Journal Advertiser Index

1417 Contact Information

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