

In This Issue: December 16, 2025

Research

ORIGINAL INVESTIGATION

2079 An AI-Powered Lifestyle Intervention vs Human Coaching in the Diabetes Prevention Program: A Randomized Clinical Trial

N Mathioudakis and Coauthors
for the AI-DPP Study Group

This randomized trial examines whether referral to an artificial intelligence–led lifestyle intervention based on the Diabetes Prevention Program (DPP) is noninferior to referral to a human-led DPP in achieving recommended thresholds for weight loss, hemoglobin A_{1c}, and physical activity among adults with prediabetes and overweight or obesity.

Editorial 2073

Visual Abstract

2090 Development and Validation of the Sequential Organ Failure Assessment (SOFA)-2 Score

OT Ranzani and Coauthors

This article describes the data-driven development and validation of the final SOFA-2 score.

Editorial 2075

Audio

2104 Arsenic Exposure Reduction and Chronic Disease Mortality

F Wu and Coauthors

This prospective cohort study uses data from adults enrolled between 2000 and 2002 in Araihazar, Bangladesh, to examine whether reductions in well-water arsenic exposure, measured using urinary arsenic levels, are associated with lower mortality from chronic diseases, including cancer and cardiovascular disease.

CME

RESEARCH LETTER

2130 Tracking County-Level Measles Cases in the US

F Ahmadi, E Dong, and LM Gardner

This case series explores an online data collection and sharing infrastructure that centralizes tracking of measles cases from counties across the US.

2132 Emergency Medicaid Spending for Undocumented Immigrants in the US

PMG Santos and Coauthors

This cross-sectional analysis examines emergency Medicaid spending relative to total Medicaid expenditures and identifies state factors associated with variation in spending.

Opinion

VIEWPOINT

2063 Advisory Committee on Immunization Practices Standards for Assessing Evidence

D Campos-Outcalt and J Temte

2065 State Mifepristone Regulation Following *GenBioPro v Raynes*

G Donley, LA Grossman, and PJ Zettler

2067 Evolving Hospital-at-Home to Meet the Needs of Children

E Gerstenzang, A Vasan, and AS Kilaru

2069 The Make America Healthy Again Strategy Report

P Lurie and LO Gostin

A PIECE OF MY MIND

2071 The Last Night

LM Buckley

In this narrative medicine essay, a rheumatologist compares her last night on call as a resident with her last night on inpatient call 40 years later and the years between.

EDITORIAL

2073 Artificial Intelligence and Diabetes Prevention

L Perreault

Related Article 2079

2075 A Revision to Organ Failure Assessment in Critically Ill Patients

CW Seymour

Related Article 2090

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EDITOR'S NOTE

2078 AI in the Lab—Will It Really Change Drug Discovery?

R Perlis

Audio

Online at JAMA.com

AUDIO

Weekly Editor's Summary

The Sequential Organ Failure Assessment (SOFA)-2 Score

AI for Drug Discovery

Diagnosis and Management

of Cutaneous Melanoma

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CME 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

Available online

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Clinical Review & Education

REVIEW

2113 Cutaneous Melanoma: A Review
UM Joshi, M Kashani-Sabet, and JM Kirkwood
This review summarizes current evidence regarding the epidemiology, pathophysiology, diagnosis, and treatment of cutaneous melanoma.

Audio | CME

JAMA GUIDE TO STATISTICS AND METHODS

2126 Pattern-Mixture Models for Missing Data
RJ Little

This JAMA Guide to Statistics and Methods article discusses designing and implementing clinical trials to minimize the number of missing data.

CME

JAMA INSIGHTS

2128 Recurrent *Clostridioides difficile* Infections
J van Prehn, EJ Kuijper, and ER Dubberke
This JAMA Insights discusses the epidemiology, diagnosis, and treatment of recurrent *Clostridioides difficile* infections.

CME

JAMA PATIENT PAGE

2144 Early-Onset Gastrointestinal Cancer
K Roberts
This JAMA Patient Page describes early-onset gastrointestinal cancer and its risk factors, signs and symptoms, management, prognosis, and prevention measures.

News & Analysis

MEDICAL NEWS

2055 New Insights on Circadian Health and Cardiometabolic Disease—Light, Sleep, Food, Exercise, and More
K Schweitzer

This Medical News article discusses a new American Heart Association scientific statement on the importance of optimizing one's circadian system to reduce the risks of obesity, hypertension, type 2 diabetes, and cardiovascular disease.

2058 Gluten Sensitivity Is Common Around the World—Explanations Are Emerging
S Anderer

This Medical News article discusses new research on the global prevalence and characteristics of nonceliac gluten sensitivity.

MEDICAL NEWS IN BRIEF

2060 2024-2025 COVID-19 Vaccines Protected Against JN.1 Subvariants

2060 FDA Approves Nonhormonal Treatment for Menopausal Hot Flashes

2060 Meta-Analysis: Viral Infections May Raise Cardiovascular Risks

2060 Bacterial Vaginosis Treatment Should Involve All Partners, ACOG Says

2061 Updated Flu, RSV Vaccination Recommendations for Immunocompromised People

2061 AAP: Leucovorin Not Recommended for Autism

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COMMENT & RESPONSE

Telehealth and Online Cognitive Behavioral Therapy–Based Treatments for High-Impact Chronic Pain

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2135 D Xu, R Chen, and H Shan

In Reply

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Review on Uveitis

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Lower Urinary Tract Symptoms in Males

2137 Z Zheng, X Jiang, and B Wu
2138 S Sinha and P Vasudeva
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In Reply

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Available online