

## In This Issue: January 28, 2025

### Research

#### ORIGINAL INVESTIGATION

##### 295 HepB-CpG vs HepB-Alum Vaccine in People With HIV and Prior Vaccine Nonresponse: The BEe-HIVE Randomized Clinical Trial

KM Marks and Coauthors  
for the ACTG 5379 (BEe-HIVE) Study Team  
This randomized clinical trial compares the seroprotection response achieved with a 2-dose and a 3-dose hepatitis B vaccine with a cytosine phosphoguanine adjuvant vs a conventional 3-dose hepatitis B vaccine with an aluminum hydroxide adjuvant in people with HIV and prior nonresponse to hepatitis B vaccine.

Editorial 291

##### 307 Transcriptomic Profiles in Nasal Epithelium and Asthma Endotypes in Youth

M Yue and Coauthors  
This cross-sectional analysis uses data from 3 diverse studies to identify asthma endotypes in youths aged 6 to 20 years via the distribution and characteristics of transcriptomic profiles in nasal epithelium.

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##### 319 Testing and Evaluation of Health Care Applications of Large Language Models: A Systematic Review

S Bedi and Coauthors  
This systematic review characterizes the current performance of large language models in evaluating clinical health care settings, including uniformity, thoroughness, and robustness and proposes a framework for their testing and evaluation across health care applications.

**+** CME

#### RESEARCH LETTER

##### 345 Trends in Hospitalizations and Liver Transplants Associated With Alcohol-Induced Liver Disease

V Sethi and Coauthors  
This study investigates trends in hospitalization and liver transplant rates in the US from 2005 to 2021 associated with alcohol-induced liver disease.

##### 347 Unionization Efforts by Physicians Between 2000 and 2024

H Rooke-Ley and Coauthors  
This cohort study examines trends in attending physician unionization efforts.

**+** Available online

jama.com

### Opinion

#### VIEWPOINT

##### 281 The Urgent Case for Recommitting to Global HIV/AIDS Goals

C del Rio and V Dzau

##### 283 Is Lenacapavir Needed for Individuals Adherent to Daily Oral PrEP?

X Niu and PK Drain

##### 285 California's Visionary Tobacco Bill—Will the FDA Follow?

SE Jordt and SV Jabba

##### 287 US Elections Will Determine the Fate of Extended ACA Subsidies

PN O'Mahen and LA Petersen

#### A PIECE OF MY MIND

##### 289 Reimagining Luck

DN Friedman

In this narrative medicine essay, a physician specializing in cancer survivorship calls for equitable cancer detection and prevention for all after developing breast cancer 5 years after genetic testing had indicated she had a variant of uncertain significance.

#### EDITORIAL

##### 291 Overcoming Hepatitis B Vaccine Nonresponsiveness

I Hung and AS Lok

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##### 293 Uncovering Transcriptional Endotypes in Pediatric Asthma—A New Lens on Biomarker-Based Clinical Stratification

J Gomez and G Nino

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**+** Online at JAMA.com

#### **+** AUDIO

Weekly Editor's Summary

AI Chatbots in Clinical Practice

Recent Developments in Women's Health Research at the NIH

Asthma Endotypes Based on Nasal Epithelial Biopsies in School-Aged Youth

Diagnosis and Treatment of Atrial Fibrillation

Chronic Kidney Disease and Diabetes

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jamacmelookup.com

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#### **+** INSTRUCTIONS FOR AUTHORS

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Editor in Chief  
Kirsten Bibbins-Domingo, PhD, MD, MAS

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#### REVIEW

##### 329 Atrial Fibrillation: A Review

D Ko and Coauthors

This narrative review examines the epidemiology, pathophysiology, diagnosis, and treatment of atrial fibrillation, which is associated with increased rates of stroke, heart failure, and mortality, in US adults.

 Audio | CME

#### JAMA INSIGHTS

##### 343 Diabetes and Chronic Kidney Disease

CP Limonte, SJ Pilla, and IH de Boer

This JAMA Insights discusses the evaluation and treatment of chronic kidney disease in patients with type 1 and type 2 diabetes.

 Audio | CME

#### JAMA PATIENT PAGE

##### 358 What Is Genital Herpes?

R Voelker

This JAMA Patient Page describes genital herpes and its symptoms, diagnosis, treatment, and prevention measures.

### News & Analysis

#### MEDICAL NEWS & PERSPECTIVES

##### 273 An AI Chatbot Outperformed Physicians and Physicians Plus AI in a Trial—What Does That Mean?

Y Hswen and R Rubin

This Medical News article is an interview with Stanford University's Jonathan Chen, MD, PhD, and Ethan Goh, MBBS, MS, about their research on AI tools to enhance clinical decision-making.

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##### 277 National Academies Report Calls for an NIH Institute Dedicated to Women's Health

S Anderer

This Medical News article discusses a new report from the National Academies of Sciences, Engineering, and Medicine on persistent gaps in women's health research and key recommendations that would require \$16 billion in congressional funding.

 Audio

#### MEDICAL NEWS IN BRIEF

##### 279 More Than 250 Million People in US Expected to Be Overweight or Obese by 2050

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