

In This Issue: November 26, 2024

Research

ORIGINAL INVESTIGATION

1709 Effect of High-Intensity vs Low-Intensity Noninvasive Positive Pressure Ventilation on the Need for Endotracheal Intubation in Patients With an Acute Exacerbation of Chronic Obstructive Pulmonary Disease: The HAPPEN Randomized Clinical Trial

Z Luo and Coauthors
for the HAPPEN Investigators

This randomized clinical trial compares the effect of high-intensity noninvasive positive pressure ventilation (NPPV) vs low-intensity NPPV on the need for endotracheal intubation in patients with an acute exacerbation of chronic obstructive pulmonary disease and hypercapnia.

Editorial 1705

Visual Abstract

1723 Assessment of Antitachycardia Pacing in Primary Prevention Patients: The APPRAISE ATP Randomized Clinical Trial

C Schuger and Coauthors
for the APPRAISE ATP Investigators

This randomized clinical trial assesses the role of antitachycardia pacing in terminating fast ventricular tachycardia in primary prevention patients with implantable cardioverter-defibrillators with contemporary programming.

Editorial 1707

1732 Estimation of Tax Benefit of US Nonprofit Hospitals

E Plummer, MP Socal, and G Bai

This study uses data from Medicare Cost Reports to investigate the financial benefit US nonprofit hospitals receive from their tax-exempt status and outlines a standardized estimation methodology that can be replicated at the state and local levels.

RESEARCH LETTER

1752 Effect of Electric Fans on Body Core Temperature in Older Adults Exposed to Extreme Indoor Heat

FK O'Connor and Coauthors

This study assessed whether electric fans limit core temperature increases in adults aged 65 to 85 years exposed to conditions similar to those experienced in homes during heat waves in North America.

1754 State Policies Regulating Law Enforcement Access to Prescription Drug Monitoring Program Testosterone Prescription Data

K McCreedy and Coauthors

This study identifies state policies authorizing law enforcement access to prescription drug monitoring program data and discusses the characteristics of those policies, particularly in states with laws banning gender-affirming care.

Opinion

VIEWPOINT

1693 Discovery of cGAS as a DNA-Sensing Enzyme That Triggers Inflammation: 2024 Albert Lasker Basic Medical Research Award

ZJ Chen

Viewpoint 1695, 1697, and 1699

Audio

1695 Chemistry Matters—From a Putative Peptide to Effective Treatments for Diabetes and Obesity: 2024 Lasker-DeBakey Clinical Medical Research Award

S Mojsov

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1697 GLP-1 for Treating Obesity—Origin, History, and Evolution: 2024 Lasker-DeBakey Clinical Medical Research Award

LB Knudsen

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1699 AIDS in Africa—Impact of Research: The 2024 Lasker-Bloomberg Public Service Award

Q Abdool Karim and SS Abdool Karim

Viewpoint 1693, 1695, and 1697

Audio

1701 Translating AI for the Clinician

MR Patel, S Balu, and MJ Pencina

A PIECE OF MY MIND

1703 Ovarian Odyssey

D Di Maggio

In this narrative medicine essay, a pediatrician thwarted a likely fatal cancer after undergoing genetic testing after noticing a pattern in her family that turned out to be caused by a genetic variation.

Online at JAMA.com

AUDIO

Weekly Editor's Summary

The Discovery of Glucagon-Like Peptide 1 (GLP-1)

Lasker Winners Discuss 35 Years of HIV Research in Africa

Strategies for Helping Patients Navigate High Prescription Drug Costs

Ovarian Aging

CME

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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1705 Noninvasive Ventilation in COPD—Pressure Matters

W Windisch, SB Stanzel, and C Karagiannidis

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1707 Shock First or Pace First to Break Ventricular Tachycardia? A New Layer of Complexity in ICD Shared Decision-Making

A Sandhu, D Matlock, and PD Varosy

Related Article 1723

Clinical Review & Education

SPECIAL COMMUNICATION

1741 Strategies to Help Patients Navigate High Prescription Drug Costs

HS Lalani and Coauthors

This article describes strategies that clinical teams can use to help patients afford prescription drugs and proposes an algorithm to help identify which strategies may be most helpful based on insurance status and type of drug.

 Audio | CME

JAMA INSIGHTS

1750 Ovarian Aging and Fertility

DB Seifer, EC Feinberg, and AL Hsu

This JAMA Insights discusses ovarian aging and provides strategies to address infertility due to ovarian aging.

 CME

JAMA PATIENT PAGE

1767 Strategies to Help Patients Afford Their Medicines in the US

KL Walter

This JAMA Patient Page outlines 7 strategies that patients can use to respond to high prescription drug costs in the US.

 Audio

 Available online

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1687 Texas Banned Abortion in 2022—Here's How It's Affecting OB-GYNs and Patient Care

R Rubin

This Medical News article discusses the impact of the Texas abortion ban on obstetrician-gynecologists and their patients in the state and beyond.

MEDICAL NEWS IN BRIEF

1690 CDC Reports 13 Dairy Farm Workers Infected With Bird Flu in California

1690 Breast Cancer Incidence Still Rising Despite Decline in Death Rates

1690 Large Marburg Virus Disease Outbreak in the Republic of Rwanda

1690 More People in Their 40s Being Screened for Colorectal Cancer Under New Recommendation

1691 Study: Most Pregnant People Iron Deficient by Third Trimester

1691 Injurious Falls in Older Adults May Be a Harbinger of Dementia

1691 Incorrect Arm Positions Increase Blood Pressure Readings

1691 Study Finds Moderate Benefit of Time-Restricted Eating for Metabolic Syndrome

Humanities

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A Zuger

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R Campo

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Electroencephalography-Guided Anesthesia and Delirium in Older Adults

1758 S Xiang, W ShangGuan, and X Wang

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1759 A Deschamps, M Avidan, and A Ben Abdallah

Protecting Participants in Clinical Research

1760 MA Rothstein and G Siegal

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