

## In This Issue: April 9, 2024

## Research

## ORIGINAL INVESTIGATION

**1185 Lower vs Higher Oxygenation Target and Days Alive Without Life Support in COVID-19: The HOT-COVID Randomized Clinical Trial**FM Nielsen and Coauthors  
for the HOT-COVID Trial Group

This randomized clinical trial assesses the effect of targeting a lower vs higher oxygenation level on 90-day survival without need for life support among intensive care unit patients with COVID-19 and severe hypoxemia.

Editorial **1177**Related Article **1195**

Visual Abstract

**1195 Individualized Treatment Effects of Oxygen Targets in Mechanically Ventilated Critically Ill Adults**

KG Buell and Coauthors

This cohort study examines whether peripheral oxygenation-saturation targets on mortality would differ by individual patient characteristics among 2 temporally and geographically distinct randomized trials of lower vs higher SpO<sub>2</sub> targets in critically ill patients receiving mechanical ventilation.

Editorial **1179**Related Articles **1185** and **1225****1205 Acetaminophen Use During Pregnancy and Children's Risk of Autism, ADHD, and Intellectual Disability**

VH Ahlqvist and Coauthors

This nationwide cohort study with sibling control analysis examines the association of acetaminophen use during pregnancy with children's risk of autism, ADHD, and intellectual disability.

CME

## RESEARCH LETTER

**1229 Mortality Among Users of Anabolic Steroids**

J Windfeld-Mathiasen and Coauthors

This cohort study investigates mortality and cause of death among a large cohort of androgenic anabolic steroid users, compared with a control group, in Denmark from January 3, 2006, to March 1, 2018.

Available online

jama.com

**1230 State Coverage and Reimbursement of Antilobesity Medications in Medicaid**

BY Liu and BN Rome

This study examines state Medicaid coverage policies for antiobesity medications and their trends in Medicaid reimbursement from 2011 to 2022.

## Opinion

## VIEWPOINT

**1173 The Limits of Clinician Vigilance as an AI Safety Bulwark**

J Adler-Milstein, DA Redelmeier, and RM Wachter

## A PIECE OF MY MIND

**1175 The Tree of Knowledge**

H Doernberg

In this narrative medicine essay, a medical student uses the analogy of a mature tree to describe the difference in knowledge of his medical school teachers compared with sapling first-year medical students.

## EDITORIAL

**1177 Oxygen Supplementation in COVID-19—How Much Is Enough?**

RM Schwartzstein

Related Article **1185****1179 Your Mileage May Vary: Toward Personalized Oxygen Supplementation**

DC Angus

Related Article **1195****1181 2023 Year in Review and What's Ahead at JAMA**

K Bibbins-Domingo and Coauthors

Related Article **1238**

## Clinical Review &amp; Education

## THE RATIONAL CLINICAL EXAMINATION

**1215 Does This Patient Have Alcohol Use Disorder? The Rational Clinical Examination Systematic Review**

E Wood and Coauthors

This Rational Clinical Examination systematic review summarizes studies that examined the diagnostic accuracy of brief screening tools to identify individuals with alcohol use disorder.

CME

Online at JAMA.com

## AUDIO

Editor's Summary of This Issue

March 2024 Medical News Summary

## 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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jamanetwork.com/pages/for-authors

## DEPARTMENTS

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



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### JAMA GUIDE TO STATISTICS AND METHODS

#### 1225 Using Effect Scores to Characterize Heterogeneity of Treatment Effects

G Wang, PJ Heagerty, and IJ Dahabreh

This JAMA Guide to Statistics and Methods article explains effect score analyses, an approach for evaluating the heterogeneity of treatment effects, and examines its use in a study of oxygen-saturation targets in critically ill patients.

Related Article [1195](#)

### JAMA INSIGHTS

#### 1227 Diagnosis and Management of Myotonic Dystrophy Type 1

J Hartman, T Patki, and NE Johnson

This JAMA Insights discusses the signs and symptoms, diagnosis, and treatment of myotonic dystrophy type 1.

 CME

### JAMA PATIENT PAGE

#### 1254 What Is Perinatal Depression?

R Voelker

This JAMA Patient Page describes perinatal depression screening and diagnosis and available treatment options.

### News & Analysis

### MEDICAL NEWS & PERSPECTIVES

#### 1167 All of Us Program Illustrates What Less-Diverse Genomics Studies Might Be Missing

R Rubin

This Medical News story discusses new findings from genomics studies involving diverse cohorts.

#### 1169 NIH Study Provides Long-Awaited Insight Into Myalgic Encephalomyelitis/Chronic Fatigue Syndrome

Q Eastman

This Medical News article discusses a new US National Institutes of Health study of patients with the chronic—and chronically misunderstood—disease.

 Audio

### MEDICAL NEWS IN BRIEF

#### 1172 One in 8 People Worldwide Are Obese

#### 1172 Cannabis Use Linked to Elevated Myocardial Infarction and Stroke Risk

#### 1172 Meta-Analysis: Females at Higher Risk of Death From Staph Infection

#### 1172 Brain Waves Appear to Wash Out Waste During Sleep

### Humanities

### POETRY AND MEDICINE

#### 1237 Hey Doc

J Petrilli

Related Article [1237](#)

### EDITOR'S NOTE

#### 1237 Trading Places, Becoming One

R Campo

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### JAMA REVISITED

#### 1251 The Private Physician and Preventive Medicine: Bruce H. Douglas, M.D., Detroit

### Letters

### COMMENT & RESPONSE

#### ECMO and Prone Position in Patients With Severe ARDS

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#### In Reply

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#### Breast Cancer and Pregnancy in Young BRCA Carriers

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1234 E Blondeaux, AH Partridge, and M Lambertini

#### Affiliation Bias in Peer Review of Abstracts

1234 RJ Gallo, T Savage, and JH Chen

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 Available online