

In This Issue: August 18, 2020

Research

ORIGINAL INVESTIGATION

642 Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock: The ACTS Randomized Clinical Trial

A Moskowitz and Coauthors
for the ACTS Clinical Trial Investigators

This randomized clinical trial compares the effect of combination hydrocortisone, ascorbic acid, and thiamine (the HAT or Marik protocol) vs placebo on SOFA score-measured organ injury at 72 hours in patients with septic shock.

Visual Abstract

651 Effect of a Collaborative Care Model on Depressive Symptoms and Glycated Hemoglobin, Blood Pressure, and Serum Cholesterol Among Patients With Depression and Diabetes in India: The INDEPENDENT Randomized Clinical Trial

MK Ali and Coauthors
for the INDEPENDENT Study Group

This randomized clinical trial compares the effect of a collaborative care model that integrates management of depression and enhanced diabetes care on depressive symptoms and HbA_{1c}, SBP, and LDL cholesterol measures among individuals with depression and diabetes in India.

CME

PRELIMINARY COMMUNICATION

663 Presence of Genetic Variants Among Young Men With Severe COVID-19

Cl van der Made and Coauthors

This case series describes rare putative X-chromosomal loss-of-function variants associated with impaired peripheral mononuclear blood cell interferon signaling in 4 young male patients hospitalized with severe coronavirus disease 2019 (COVID-19) in the Netherlands.

Editorial 638

Opinion

VIEWPOINT

623 COVID-19 and Dexamethasone: A Potential Strategy to Avoid Steroid-Related *Strongyloides* Hyperinfection

WM Stauffer, JD Alpern, and PF Walker

625 Weighing the Benefits and Risks of Proliferating Observational Treatment Assessments: Observational Cacophony, Randomized Harmony

RM Califf, AF Hernandez, and M Landray

Available online

jama.com

627 Exome Sequencing and Clinical Diagnosis

JM Friedman, KL Jones, and JC Carey

Audio

629 Evidence-Based Practice for Public Health Emergency Preparedness and Response: Recommendations From a National Academies of Sciences, Engineering, and Medicine Report

N Calonge, L Brown, and A Downey

631 Integrating Personalized Medicine With Population Health Management: The Path Forward

DC Grossman, EB Larson, and HC Sox

A PIECE OF MY MIND

633 Dressing Up

EJ Harris

In this narrative medicine essay, an emergency department physician faces her daily dread of donning PPE during the COVID-19 pandemic by recalling her grandfather's gear when diving into Idaho mine shafts and compares his heroism fighting for miners' rights to safety and wonders what he would think of calling health care workers on the frontlines heroes.

EDITORIAL

635 Universal Masking to Prevent SARS-CoV-2 Transmission—The Time Is Now

JT Brooks, JC Butler, and RR Redfield

Related Article 703

Audio | Video

638 Molecular Underpinnings of Severe Coronavirus Disease 2019

RM Plenge

Related Article 663

640 Behavioral Counseling for Sexually Transmitted Infection Risk Reduction

J Marrazzo and I Park

Related Articles 674 and 682

Online at JAMA.com

MULTIMEDIA

Editor's Audio Summary: Listen as editors discuss this week's issue

Audio Author Interview: A Physician Gets Cancer

Audio Author Interview: USPSTF interview

Audio: Coronavirus Update With CDC Director Robert R. Redfield, MD

Audio: Coronavirus Update With Eric Topol, MD

Author Audio Interview: Exome Sequencing and Clinical Diagnosis

Videos: Coronavirus Update With CDC Director Robert R. Redfield, MD

Videos: Coronavirus Update With Eric Topol, MD

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Editor in Chief
Howard Bauchner, MD

137 YEARS
OF CONTINUOUS
PUBLICATION

continued >

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Clinical Review & Education

US PREVENTIVE SERVICES TASK FORCE

674 Behavioral Counseling Interventions to Prevent Sexually Transmitted Infections: US Preventive Services Task Force Recommendation Statement

US Preventive Services Task Force

This 2020 US Preventive Services Task Force Recommendation Statement recommends behavioral counseling to prevent sexually transmitted infections (STIs) for all sexually active adolescents and for adults at increased risk for STIs (B recommendation).

Editorial **640**Related Article **682**JAMA Patient Page **718**

Audio | CME

682 Behavioral Counseling Interventions to Prevent Sexually Transmitted Infections: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

JT Henderson and Coauthors

This systematic review to support the 2020 US Preventive Services Task Force Recommendation Statement on behavioral counseling interventions to prevent sexually transmitted infections (STIs) summarizes published evidence on the benefits and harms of behavioral counseling interventions in adolescents and adults at increased risk for the infections.

Editorial **640**Related Article **674**JAMA Patient Page **718**

Audio

JAMA GUIDE TO STATISTICS AND METHODS

700 Using Latent Class Analysis to Identify Hidden Clinical Phenotypes

M Mori, HM Krumholz, and HG Allore

This JAMA Guide to Statistics and Methods summarizes latent class analysis, a statistical technique that estimates the probability of patients belonging to a discrete group that shares specific combinations of observed variables, and explains how the technique is used and can be interpreted in observational research.

Available online

JAMA PATIENT PAGE

718 Behavioral Counseling to Reduce Sexually Transmitted Infections

J Jin

This JAMA Patient Page reviews the 2020 US Preventive Services Task Force's recommendation in favor of behavioral counseling to reduce sexually transmitted infections (STIs) for all sexually active adolescents and for adults at increased risk of STIs (B recommendation).

Related Articles **674** and **682**

News & Analysis

MEDICAL NEWS & PERSPECTIVES

619 Social Isolation—the Other COVID-19 Threat in Nursing Homes

J Abbasi

This Medical News article discusses the mental and physical effects of infection-control lockdowns on nursing home residents during the novel coronavirus pandemic.

GLOBAL HEALTH

621 Long-Acting PrEP Shows Promise**621 Customized Injection Guidelines Reduce Nurses' Errors****621 Surge in Child Abuse, Harm During COVID-19 Pandemic Reported**

NEWS FROM THE FOOD AND DRUG ADMINISTRATION

622 Outpatient Treatment Option for Patients With Blood Cancer**622 First Tobacco Product Receives "Reduced Exposure" Authorization****622 A Plan to Use Modern Data Tools to Fight Foodborne Illness**

Humanities

POETRY AND MEDICINE

713 To My Wasted Eggs

PL Taylor

JAMA REVISITED

714 The Death of Huxley**714 Professor Huxley**

Letters

RESEARCH LETTER

703 Association Between Universal Masking in a Health Care System and SARS-CoV-2 Positivity Among Health Care Workers

X Wang and Coauthors

This study describes SARS-CoV-2 PCR test positivity among health care workers before, during, and after implementation of a policy requiring universal masking of all health care workers and patients in a large health care system in Massachusetts.

Editorial **635**

Audio | Video

705 Change in the Incidence of Stillbirth and Preterm Delivery During the COVID-19 Pandemic

A Khalil and Coauthors

This study compares pregnancy outcomes, including rates of stillbirth (fetal death ≥ 24 weeks' gestation), preterm and cesarean delivery, and neonatal unit admission in the months preceding vs during the 2020 COVID-19 pandemic at a London university hospital.

706 Prevalence of Psychotropic and Opioid Prescription Fills Among Community-Dwelling Older Adults With Dementia in the US

DT Maust and Coauthors

This pharmacoepidemiology study uses Medicare data to estimate US prescription fills for antidepressants, anxiolytics, antipsychotics, opioids, and antiepileptics among community-dwelling older adults with dementia in 2014-2015, and identifies the most commonly prescribed medications.

COMMENT & RESPONSE

Uncemented vs Cemented Hemiarthroplasty for Hip Fracture**709** Y Yu, S Lu, and J Xu

In Reply

710 K Okike, PH Chan, and HA Prentice

Physicians and Social Determinants of Health

711 P Rousseau

In Reply

711 TL Schwenk