

In This Issue: July 6, 2021

Research

ORIGINAL INVESTIGATION

35 Effect of 2 Inactivated SARS-CoV-2 Vaccines on Symptomatic COVID-19 Infection in Adults: A Randomized Clinical Trial N Al Kaabi and Coauthors

This interim analysis of an ongoing randomized trial evaluates the efficacy of 2 inactivated coronavirus vaccines for preventing symptomatic COVID-19 in healthy adults and adverse events after immunization.

46 Effect of Bamlanivimab vs Placebo on Incidence of COVID-19 Among Residents and Staff of Skilled Nursing and Assisted **Living Facilities: A Randomized Clinical Trial** MS Cohen and Coauthors

for the BLAZE-2 Investigators

This randomized clinical trial assesses the effect of a single intravenous infusion of bamlanivimab vs placebo on incidence of COVID-19 among residents and staff of skilled nursing and assisted living facilities.

56 Effect of Cytisine vs Varenicline on Smoking Cessation: A Randomized Clinical Trial

RJ Courtney and Coauthors

This noninferiority randomized clinical trial compares standard cytisine treatment (25 days) with standard varenicline treatment (84 days) for smoking cessation among Australian adult daily smokers willing to make a quit attempt.

JAMA Patient Page 96

■ Visual Abstract | CME

Opinion

VIEWPOINT

23 COVID-19 Vaccination of Health Care Personnel as a Condition of Employment: A Logical Addition to Institutional Safety Programs

TR Talbot

Viewpoint 25

25 Mandatory SARS-CoV-2 Vaccinations in K-12 Schools, Colleges/Universities, and Businesses

LO Gostin, J Shaw, and DA Salmon

Viewpoint 23

27 The American Rescue Plan Act of 2021: A Historic if Transitory Expansion of the ACA EY Adashi and IG Cohen

Available online

iama.com

A PIECE OF MY MIND

29 A Stranger to Silence

AVK Sharma

In this narrative medicine essay, a third-year internal medicine resident reports the tinnitus he had learned to live with had deafened him when the silence and isolation imposed by COVID-19 fell.

FDITORIAL

31 Bamlanivimab for Prevention of COVID-19 DR Kuritzkes

Related Article 46

33 To Howard Bauchner, MD, Visionary Editor in Chief of JAMA-A Sincere Thank You and a Fond Farewell

PB Fontanarosa and A Flanagin for the JAMA and JAMA Network Editors and Editorial Staff

Clinical Review & Education

REVIEW

65 Diagnosis and Management of Infertility: A Review

SA Carson and AN Kallen

This review examines current evidence regarding the pathophysiology, diagnosis, and treatment of infertility.

4 Audio | CME

JAMA INSIGHTS

77 Refractive Surgery in the US in 2021

5 Jabbour and KS Bower

This JAMA Insights Clinical Update summarizes the various types of refractive surgical procedures performed in the US, including LASIK, photorefractive keratectomy, and small incision lenticule extraction.

79 Preconception Care as an Opportunity to Optimize Pregnancy Outcomes

N Raghuraman and MG Tuuli

This JAMA Insights Clinical Update discusses the issue of reducing pregnancy-related morbidity and mortality by identifying modifiable risk factors and providing targeted interventions and education prior to conception.

Online at JAMA.com

E AUDIO

Editor's Summary of This Issue Diagnosis and Treatment of Infertility

E CME

Find CME quizzes online at jamacmelookup.com

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DEPARTMENTS

Staff Listing 11

CME Ouestions 81

Recruitment & Classified Advertising 93

Contact Information 95

CORRECTION 90

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Phil B. Fontanarosa, MD, MBA

continued >

JAMA

In This Issue: July 6, 2021

JAMA PATIENT PAGE

96 Ways to Quit Smoking

K Walter

This JAMA Patient Page describes behavioral and medication-based smoking cessation interventions, resources for behavioral interventions, and potential side effects of medication-based interventions.

Related Article 56

News & Analysis

MEDICAL NEWS & PERSPECTIVES

14 Lung Transplants for COVID-19— The Option of Last Resort

This Medical News article is an interview with Ankit Bharat, MD, a surgeon at Chicago's Northwestern Memorial Hospital who performed the first bilateral lung transplant for COVID-19 in the US.

Audio

17 Ketone Body Supplementation— A Potential New Approach for Heart Disease J Abbasi

This Medical News article discusses evidence for ketone body supplementation as a novel cardiovascular disease treatment.

NEWS FROM THE JAMA NETWORK

- 19 No Heart Health Effect of Omega-3 Fatty Acids at Highest Plasma Level
- 19 Text Message Support Prompts
 Young Adults to Quit Vaping
- 19 Greater Numbers of People in the US Are Living With Vision Loss
- 19 Study Estimates Older Adults' Cancer Deaths After Surgery

NEWS FROM THE FOOD AND DRUG ADMINISTRATION

- 20 New Targeted Non-Small Cell Lung Cancer Therapy Approved
- 20 FDA Seeks Improvements in Labeling Medical Device Materials
- 20 FDA, FTC Warn Companies Claiming Their Supplements Treat Infertility

Humanities

POETRY AND MEDICINE

91 Blame Scheme

G Abel

JAMA REVISITED

92 The Cost of Tuberculosis

Letters

RESEARCH LETTER

82 Changes in Patterns of Hospital Visits for Acute Myocardial Infarction or Ischemic Stroke During COVID-19 Surges

MD Solomon and Coauthors

This study evaluates changes in rates of patients hospitalized for acute myocardial infarction (AMI) or suspected stroke during COVID-19 surges in the US as a measure of willingness to seek care during the pandemic.

34 Mortality From Drug Overdoses, Homicides, Unintentional Injuries, Motor Vehicle Crashes, and Suicides During the Pandemic, March-August 2020 JS Faust and Coauthors

This study uses national death certificate data to characterize trends in death and excess mortality from drug overdoses, homicides, unintentional injuries, motor vehicle crashes, and suicide during the first 6 months of the pandemic in the US.

COMMENT & RESPONSE

Immune Checkpoint Inhibitor Therapy
Toxicities

87 HSL Jim, H Knoop, and AP Dicker

In Reply

87 AS Cifu, AR Bass, and PD Reid

The US Preventive Services Task Force Recommendation Statement About Screening Asymptomatic Adults for Carotid Stenosis

88 FJ Wolters and V Volovici

88 MHF Poorthuis and GJ de Borst

89 R Ornello, F Pistoia, and S Sacco

In Reply

89 MJ Barry, K Davidson, and CM Mangione