

In This Issue: October 6, 2020

Research

ORIGINAL INVESTIGATION

1298 Effect of Hydrocortisone on 21-Day Mortality or Respiratory Support Among Critically Ill Patients With COVID-19: A Randomized Clinical Trial

P-F Dequin and Coauthors
for the CAPE COVID Trial Group and the CRICS-TRIGGERSep Network
This randomized clinical trial compares the effect of low-dose hydrocortisone vs placebo on treatment failure (death or persistent respiratory support dependency) at 21 days in critically ill patients with COVID-19 and acute respiratory failure in France.

Editorial 1292
Related Articles 1307, 1317, and 1330
Visual Abstract | CME

1307 Effect of Dexamethasone on Days Alive and Ventilator-Free in Patients With Moderate or Severe Acute Respiratory Distress Syndrome and COVID-19: The CoDEX Randomized Clinical Trial

BM Tomazini and Coauthors
for the COALITION COVID-19 Brazil III Investigators
This open label clinical trial compares the effects of dexamethasone vs usual care on the number of days alive and free of mechanical ventilation at day 28 among COVID-19 patients in Brazil with moderate to severe acute respiratory distress syndrome (ARDS).

Editorial 1292
Related Articles 1298, 1317, and 1330
Visual Abstract

1317 Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19: The REMAP-CAP COVID-19 Corticosteroid Domain Randomized Clinical Trial

The Writing Committee for the REMAP-CAP Investigators
This open-label randomized trial compares the effects of fixed-dose vs shock-dependent vs no intravenous hydrocortisone on organ support-free days among patients with coronavirus disease 2019 (COVID-19) admitted to critical care units (ICU/CCUs) for respiratory or cardiovascular organ support.

Editorial 1292
Related Articles 1298, 1307, and 1330
Visual Abstract

1330 Association Between Administration of Systemic Corticosteroids and Mortality Among Critically Ill Patients With COVID-19: A Meta-analysis

The WHO Rapid Evidence Appraisal for COVID-19 Therapies (REACT) Working Group
This meta-analysis pools data from 7 randomized trials to estimate the association between administration of corticosteroids vs usual care or placebo and all-cause mortality at 28 days in patients with severe coronavirus disease 2019 (COVID-19).

Editorial 1292
Related Articles 1298, 1307, and 1317

Opinion

VIEWPOINT

1279 COVID-19 and the Path to Immunity

DS Stephens and MJ McElrath

1282 Emergency Use Authorizations During the COVID-19 Pandemic: Lessons From Hydroxychloroquine for Vaccine Authorization and Approval

K Thomson and H Nachlis

Viewpoint 1284

1284 Regulatory Decision-making on COVID-19 Vaccines During a Public Health Emergency

J Avorn and A Kesselheim

Viewpoint 1282
Audio

1286 Radiology and Value-Based Health Care

A Brady, J Brink, and J Slavotinek

1288 Oral Health in Medicare: Considerations for 21st-Century Coverage

LI Leinbach and A Willink

A PIECE OF MY MIND

1290 Calming the Storm

JJ Goitia Jr

In this narrative medicine essay a cardiology fellow shares his deep appreciation for a primary care physician who recognized his chest pain as anxiety related and draws lessons for how physicians of all specialties can help patients with somatic symptoms from COVID-19 pandemic-related uncertainties.

EDITORIAL

1292 Corticosteroids in COVID-19 ARDS: Evidence and Hope During the Pandemic

HC Prescott and TW Rice

Related Articles 1298, 1307, 1317, and 1330

Online at JAMA.com

MULTIMEDIA

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

Audio Author Interview: The Consequences of Not Vaccinating for Measles

Audio: The Intersection Between Flu and COVID-19

Audio: Corticosteroids for COVID-19: New Evidence of Benefit

Audio: COVID-19 Vaccine Approval and the FDA

Audio: Anthony Fauci Q&A

Audio: Coping With Death

Author Audio Interview: Regulatory Decision-making on COVID-19 Vaccines During a Public Health Emergency

Videos: Corticosteroids for COVID-19: New Evidence of Benefit

Videos: COVID-19 Vaccine Approval and the FDA

Videos: Anthony Fauci Q&A

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Editor in Chief
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1296 Reassuring the Public and Clinical Community About the Scientific Review and Approval of a COVID-19 Vaccine
H Bauchner, PN Malani, and J Sharfstein
Viewpoint **1284**

Clinical Review & Education

JAMA INSIGHTS

1342 Influenza in the COVID-19 Era
DA Solomon, AC Sherman, and S Kanjilal

This JAMA Insights Clinical Update emphasizes the importance of flu vaccination and nonpharmacologic public health interventions as key to managing the likely impending coepidemics of influenza and COVID-19 in fall and winter 2020-2021.

Related Article **1344**
JAMA Patient Page **1362**

1344 Vaccine Refusal and Measles Outbreaks in the US

VK Phadke, RA Bednarczyk, and SB Omer

This JAMA Insights feature provides a narrative update of a 2016 systematic review documenting an association between vaccine refusal and measles epidemiology in the US, and reaffirms based on the new evidence that vaccine refusal remains a significant contributor to measles resurgence in the postelimination era.

Related Article **1342**

 Audio

JAMA PATIENT PAGE

1361 Prone Positioning for Acute Respiratory Distress Syndrome (ARDS)

J Hadaya and P Benharash

This JAMA Patient Page describes the technique of prone positioning during acute respiratory distress syndrome (ARDS), the possible benefits of prone positioning for patients hospitalized with COVID-19, and the risks involved.

1362 Seasonal Influenza Vaccination

DA Solomon

This JAMA Patient Page describes the rationale for seasonal influenza vaccination and its impact on public health, the types of vaccines available, the population who should be vaccinated, and optimal timing for vaccination.

Related Article **1342**

 Audio

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1271 The Science of Persuasion Offers Lessons for COVID-19 Prevention

J Abbasi

In this Medical News article, science communications expert Dominique Brossard, PhD, discusses research-based strategies to encourage COVID-19-mitigating behaviors.

 Audio

1273 Investigating Whether Blood Type Is Linked to COVID-19 Risk

R Rubin

This Medical News Quick Uptake discusses research into whether blood type is linked to COVID-19 risk.

BENCH TO BEDSIDE

1274 Insight on Sex-Based Immunity Differences, With COVID-19 Implications

T Hampton

THE JAMA FORUM

1275 Medicare Advantage for All, Perhaps?

SM Butler

NEWS FROM THE FOOD AND DRUG ADMINISTRATION

1277 Therapy Approved for Rare Neurological Autoimmune Disorder

1277 New Disease Cases, Deaths Related to Breast Implants

1277 Deceptive Hand Sanitizer Packaging

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POETRY AND MEDICINE

1355 courvoisier's law

K Niburski

JAMA REVISITED

1356 The Segregation of Pneumonia

Letters

RESEARCH LETTER

1347 Evaluation for SARS-CoV-2 in Breast Milk From 18 Infected Women

C Chambers and Coauthors

This study assesses the presence of SARS-CoV-2 in the breast milk of 18 US women infected with SARS-CoV-2.

1348 SARS-CoV-2 Infection Among Community Health Workers in India Before and After Use of Face Shields

ME Bhaskar and S Arun

This study assesses SARS-CoV-2 transmission among community health workers in India before and after instituting use of face shields during family counseling sessions in households with a SARS-CoV-2-infected member.

COMMENT & RESPONSE

Continuous Pulse Oximetry Monitoring in Bronchiolitis Patients Not Receiving Oxygen

1349 J Keim-Malpass, BA Sullivan, and JR Moorman

In Reply

1350 AP Bettencourt, AC Schondelmeyer, and CP Bonafide

Biomechanical Footwear for Osteoarthritic Knee Pain

1351 Y Lei, D Cui, and W Huang

1351 S Reichenbach, DT Felson, and P Jüni

Delayed Antibiotic Prescriptions

1352 P Little

1353 T Rowe and JA Linder

 Available online