

In This Issue: April 28, 2020

Research

ORIGINAL INVESTIGATION

1565 Effect of Apabetalone Added to Standard Therapy on Major Adverse Cardiovascular Events in Patients With Recent Acute Coronary Syndrome and Type 2 Diabetes: A Randomized Clinical Trial

KK Ray and Coauthors

for the BETonMACE Investigators and Committees

This randomized trial compares the effects of apabetalone (an inhibitor of bromodomain 2 and extraterminal protein, 2 epigenetic "readers") vs placebo on major adverse cardiovascular events in patients with acute coronary syndrome (ACS), type 2 diabetes, and low HDL cholesterol level.

Editorial **1557**

📺 CME

1574 Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy

G Grasselli and Coauthors

for the COVID-19 Lombardy ICU Network

This case series describes the demographics, comorbidities, ventilation requirements, dispositions, and mortality of patients with PCR-confirmed SARS-CoV-2 infection admitted to northern Italy ICUs in February-March 2020.

Viewpoint **1545**

Editorial **1559**

📺 Video

PRELIMINARY COMMUNICATION

1582 Treatment of 5 Critically Ill Patients With COVID-19 With Convalescent Plasma

C Shen and Coauthors

This case series describes clinical outcomes in 5 Chinese patients with laboratory-confirmed COVID-19, ARDS, and high viral loads despite antiviral treatment who were given human plasma with SARS-CoV-2 antibodies obtained from previously infected and recovered patients.

Editorial **1561**

📺 Audio | Video

Opinion

VIEWPOINT

1545 Critical Care Utilization for the COVID-19 Outbreak in Lombardy, Italy: Early Experience and Forecast During an Emergency Response

G Grasselli, A Pesenti, and M Cecconi

Viewpoint **1549**

Related Articles **1612** and **1574**

📺 Available online

jama.com

1547 Presidential Powers and Response to COVID-19

LO Gostin, JG Hodge Jr, and LF Wiley

1549 Managing COVID-19 in Low- and Middle-Income Countries

J Hopman, B Allegranzi, and S Mehtar

Viewpoint **1545**

1551 The Role of Physicians in Addressing Social Determinants of Health

N Maani and S Galea

Viewpoint **1553**

📺 Audio

1553 Addressing Social Determinants of Health: Time for a Polysocial Risk Score

JF Figueroa, AB Frakt, and AK Jha

Viewpoint **1551**

A PIECE OF MY MIND

1555 Personal Risk and Societal Obligation Amidst COVID-19

C Tsai

EDITORIAL

1557 Epigenetic Therapeutics for Cardiovascular Disease: Writing, Erasing, Reading, and Maybe Forgetting

J Plutzky

Related Article **1565**

1559 Critical Illness in Patients With COVID-19: Mounting an Effective Clinical and Research Response

DJ Cook, JC Marshall, and RA Fowler

Related Article **1574**

1561 Convalescent Plasma to Treat COVID-19: Possibilities and Challenges

JD Roback and J Guarner

Related Article **1582**

1563 Recommendations From the USPSTF for Prevention and Cessation of Tobacco Use in Children and Adolescents

JD Sargent, JB Unger, and AM Leventhal

Related Articles **1590** and **1599**

JAMA Patient Page **1626**

📺 Audio

📺 Online at JAMA.com

MULTIMEDIA

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

📺 **Audio Author Interview:** COVID-19 Update With NIAID's Anthony Fauci, MD; March 6, 2020

📺 **Audio:** April 2020 Medical News Summary

📺 **Audio:** Coronavirus in Italy—Report From the Front Lines

📺 **Audio:** COVID-19 in Seattle: Clinical Features and Managing the Outbreak

📺 **Audio:** Coronavirus Testing - March 16 Q&A with the CDC's Jay Butler, MD

📺 **Audio:** Coronavirus (COVID-19) Update: Vaccines and Immunity

📺 **Author Audio Interview:** The Role of Physicians in Addressing Social Determinants of Health

📺 **Summary Video:** Coronavirus in Italy—Report From the Front Lines

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INSTRUCTIONS FOR AUTHORS

📺 jamanetwork.com/pages/for-authors

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Editor in Chief
Howard Bauchner, MD

136 YEARS
OF CONTINUOUS
PUBLICATION

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Clinical Review & Education

US PREVENTIVE SERVICES TASK FORCE


1590 Primary Care Interventions for Prevention and Cessation of Tobacco Use in Children and Adolescents: US Preventive Services Task Force Recommendation Statement
US Preventive Services Task Force

This 2020 Recommendation Statement from the US Preventive Services Task Force recommends that primary care clinicians provide interventions, including education or brief counseling, to prevent initiation of tobacco use among school-aged children and adolescents (B recommendation) and concludes that current evidence is insufficient to assess the benefits and harms of primary care interventions for cessation of tobacco use among school-aged children and adolescents (I statement).

Editorial **1563**
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 **Audio | CME**

1599 Primary Care–Relevant Interventions for Tobacco and Nicotine Use Prevention and Cessation in Children and Adolescents: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

S Selph and Coauthors
This systematic review to support the 2020 US Preventive Services Task Force Recommendation Statement on interventions for prevention and cessation of tobacco and nicotine use summarizes published evidence on the benefits and harms of primary care–relevant interventions for tobacco and nicotine use prevention and cessation in children and adolescents.

Editorial **1563**
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 **Audio**

JAMA PATIENT PAGE

1626 Preventing Tobacco Use in Children and Adolescents
AN Desai

This JAMA Patient Page describes the US Preventive Services Task Force's recent recommendations for prevention and cessation of tobacco use in children and adolescents.

Editorial **1563**
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News & Analysis

MEDICAL NEWS & PERSPECTIVES

1537 With First CRISPR Trials, Gene Editing Moves Toward the Clinic
T Hampton

This Medical News article discusses the first human genome editing studies using CRISPR-Cas9.

 **Video**

1540 Coconut Oil's Health Halo a Mirage. Clinical Trials Suggest
J Abbas

This Medical News article discusses a recent review of 17 clinical trials comparing the effects of coconut oil and other vegetable oils on cardiovascular disease risk factors.

HEALTH AGENCIES UPDATE

1542 Using 2 Prostate Biopsy Techniques Optimizes Cancer Diagnosis

1542 New AHRQ Patient Safety Guidance

1542 Lower Out-of-Pocket Insulin Costs for Medicare Plan D Beneficiaries

CLINICAL TRIALS UPDATE

1543 Long-Acting Injectable HIV Therapy Noninferior to Daily Pills

1543 Methotrexate and Adverse Events in CIRT Secondary Analysis

1543 Limiting Vulnerable Infants' Secondhand Smoke Exposure

1543 Palliative Care Benefits Patients With Parkinson Disease

1543 Alteplase Inhibits Nerinetide, a Novel Stroke Drug

NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

1544 Head Injury Deaths on the Rise

1544 New York Hospital Was Likely Source of Young Man's HIV Infection

Humanities

POETRY AND MEDICINE

1620 Thangkhal Hospital at Night II
A Dimitri

JAMA REVISITED

1621 The Influenza Outbreak

Letters

RESEARCH LETTER

1610 Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) From a Symptomatic Patient
SWX Ong and Coauthors


This study documents results of SARS-CoV-2 polymerase chain reaction (PCR) testing of environmental surfaces and personal protective equipment surrounding 3 COVID-19 patients in isolation rooms in a Singapore hospital.

1612 Characteristics and Outcomes of 21 Critically Ill Patients With COVID-19 in Washington State

M Arentz and Coauthors

This case series describes the clinical presentation, characteristics, and outcomes of patients with coronavirus disease 2019 (COVID-19) admitted to the intensive care unit at a public hospital in Washington State in February 2020, including initial reports of cardiomyopathy in one-third of the patients.

Viewpoint **1545**

 **Audio**

1614 Quality Measure Development and Associated Spending by the Centers for Medicare & Medicaid Services

RK Wadhwa and Coauthors

This study uses data from the publicly available Centers for Medicare & Medicaid Services (CMS) Inventory Tool to determine the proportion of CMS quality measures that are used or finalized for use in a CMS program, under development or consideration for use, or not in use.

COMMENT & RESPONSE

Premature Menopause and Risk for Cardiovascular Disease

1616 PY Scarabin

1616 X Zhou and G Tang

In Reply

1617 MC Honigberg and P Natarajan

Health Outcomes With Vitamin D Supplementation

1618 WB Grant and BJ Boucher

In Reply

1619 A Lucas and M Wolf