

## In This Issue: September 7, 2021

## Research

## ORIGINAL INVESTIGATION

**818 Effect of Intravenous Fluid Treatment With a Balanced Solution vs 0.9% Saline Solution on Mortality in Critically Ill Patients: The BaSICS Randomized Clinical Trial**

FG Zampieri and Coauthors for the BaSICS investigators and the BRICNet members

This randomized clinical trial compares the effect of a balanced solution vs saline solution on 90-day survival in critically ill patients.

Editorial **813**Related Article **830**

Visual Abstract | Audio | Video

**830 Effect of Slower vs Faster Intravenous Fluid Bolus Rates on Mortality in Critically Ill Patients: The BaSICS Randomized Clinical Trial**

FG Zampieri and Coauthors for the BaSICS investigators and the BRICNet members

This factorial clinical trial examined whether infusing critically ill patients in the intensive care unit requiring fluid challenges at a slower rate than a faster rate would reduce 90-day mortality.

Editorial **813**Related Article **818**

Visual Abstract

**839 Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma: A Randomized Clinical Trial**

W Phipatanakul and Coauthors for the School Inner-City Asthma Intervention study team

This randomized clinical trial compares use of a school-wide integrated pest management (IPM) program vs use of high-efficiency particulate air (HEPA) filter purifiers in the classrooms for students with active asthma attending urban elementary schools who were randomized to IPM by school and HEPA filter purifiers by classroom.

Editorial **816**

CME

## Opinion

## VIEWPOINT

**805 Aligning Payments, Services, and Quality in Primary Care**

JH Wasson, HC Sox, and HD Miller

**807 Enforcement of the Physician Payments Sunshine Act: Trust and Verify**

EY Adashi and IG Cohen

**809 Cancer as a Global Health Priority**

S Gopal and NE Sharpless

## A PIECE OF MY MIND

**811 Drifting Over the Horizon: Navigating the End-of-Life Journey**

DA Gruenewald

In this narrative medicine essay, a geriatrician describes how his mother and he navigate the last months and days of her life while basking in their mutual love, trust, and respect.

## EDITORIAL

**813 Does Crystalloid Composition or Rate of Fluid Administration Make a Difference When Resuscitating Patients in the ICU?**

MJ Connor Jr and CM Coopersmith

Related Articles **818** and **830**

Audio

**816 School Classrooms as Targets to Reduce Allergens and Improve Asthma**

WW Busse and DJ Jackson

Related Article **839**

## Online at JAMA.com

## AUDIO

Editor's Summary of This Issue

Managing Fluids in Critically Ill Patients

## VIDEO

Comparison of Intravenous (IV) Fluids in the ICU

## CME

Find CME quizzes online at [jamacmelookup.com](http://jamacmelookup.com)

## INSTRUCTIONS FOR AUTHORS

[jamanetwork.com/pages/for-authors](http://jamanetwork.com/pages/for-authors)

## DEPARTMENTS

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[jama.com](http://jama.com)

continued &gt;





## In This Issue: September 7, 2021

## Clinical Review &amp; Education

## REVIEW

## 851 Pancreatic Cancer:

## A Review

W Park, A Chawla, and EM O'Reilly

This review summarizes current evidence regarding pathobiology, diagnosis, and management of pancreatic ductal adenocarcinoma.

CME

## JAMA INSIGHTS

## 863 Cognitive Decline Associated With Anesthesia and Surgery in Older Patients

S Vacas, DJ Cole, and M Cannesson

This JAMA Insights article reviews how changes in the brain related to aging may contribute to decreased cognitive reserve, susceptibility to the stresses of surgery and anesthesia, and increased risk of neurologic injury from anesthesia and surgery in older patients.

## JAMA CLINICAL CHALLENGE

## 865 Inflammatory Myositis in a Patient With Melanoma

M Maheswaranathan, MG Khouri, and SC Weinmann

A 47-year-old man with melanoma presented with 1 week of low-grade fevers, myalgias, elevated creatine kinase levels, and proximal muscle weakness. He previously underwent amputation of a finger and began adjuvant nivolumab for stage IIIC melanoma. One week later, he developed fevers, myalgias, dark urine, weakness, and difficulty walking. What is the diagnosis and what would you do next?

## JAMA PATIENT PAGE

## 880 Variants of SARS-CoV-2

AS Luring and PN Malani

This JAMA Patient Page explains what virus variants are and describes several recent variants of the SARS-CoV-2 virus and the public health concerns relating to these variants.

## News &amp; Analysis

## MEDICAL NEWS &amp; PERSPECTIVES

## 797 Detecting Kids' Broken Hearts—Cardiac Screening Advised During Well-Child Visits

A Slomski

This Medical News article discusses new American Academy of Pediatrics policy that advises universal cardiac screening for children and adolescents.

## NEWS FROM THE JAMA NETWORK

## 800 Most Fully Vaccinated Patients With Cancer Have SARS-CoV-2 Antibodies

## 800 Covering Tracheostomies Reduces Viral Spread to Health Care Staff

## 800 Novel Oral Drug Rapidly Treats Postpartum Depression

## 800 Guidelines for Lipid-Lowering Therapy Intensification Rarely Followed

## NEWS FROM THE FOOD AND DRUG ADMINISTRATION

## 801 First Interchangeable Biosimilar Insulin Drug Is Approved

## 801 Testing Monoclonal Antibodies for Rabies Prophylaxis

## 801 Developing Partnerships to Streamline Global Food Safety

## Humanities

## THE ARTS AND MEDICINE

## 795 Emoji for the Medical Community—Challenges and Opportunities

D Lai, J8 Lee, and S He

This Arts and Medicine feature reviews currently available medical emoji and proposes that an expanded set of images could improve medical communication, clinical care, and public health.

## POETRY AND MEDICINE

## 874 Sequelae

NN Carlson

## JAMA REVISITED

## 875 Public Health and Private Practice

## Letters

## RESEARCH LETTER

## 868 Age-Dependent Neutralization of SARS-CoV-2 and P.1 Variant by Vaccine Immune Serum Samples

TA Bates and Coauthors

This study examines the relationship between age and neutralizing antibody titers against the SARS-CoV-2 USA-WA1/2020 strain and the P.1 variant after 2 doses of the BNT162b2 vaccine.

## 869 Long-term Symptoms After SARS-CoV-2 Infection in Children and Adolescents

T Radtke and Coauthors

This cohort study reports the prevalence of long-term symptoms in children and adolescents who had recovered from acute SARS-CoV-2 infection.

## COMMENT &amp; RESPONSE

## Age at Diabetes Onset and Subsequent Risk of Dementia

871 R Gao, R Wang, and C Chen

## In Reply

871 C Barbiellini Amidei, A Fayosse, and A Singh-Manoux

## Half-Dose vs Stable-Dose Conventional Synthetic Disease-Modifying Antirheumatic Drugs and Disease Flare in Patients With Rheumatoid Arthritis

872 KF Baker, AG Pratt, and JD Isaacs

## In Reply

873 S Lillegraven, N Paulshus Sundlisæter, and EA Haavardsholm

Available online