

In This Issue: November 21, 2023

Research

ORIGINAL INVESTIGATION

1852 Red Blood Cell Transfusion in the Intensive Care UnitSJ Raasveld and Coauthors
for the INPUT Study Group

This cohort study evaluates and describes red blood cell transfusion practices in intensive care units worldwide.

Editorial **1847****1862 Emergency Department Resuscitative Endovascular Balloon Occlusion of the Aorta in Trauma Patients With Exsanguinating Hemorrhage: The UK-REBOA Randomized Clinical Trial**JO Jansen and Coauthors
and the UK-REBOA Study Group

This randomized clinical trial compares the effectiveness of resuscitative endovascular balloon occlusion of the aorta and standard care in the emergency department vs standard care alone on mortality in trauma patients with exsanguinating hemorrhage.

Editorial **1849**

Visual Abstract

1872 Small-Volume Blood Collection Tubes to Reduce Transfusions in Intensive Care: The STRATUS Randomized Clinical Trial

DM Siegal and Coauthors

This cluster randomized trial compares use of standard- vs small-volume blood collection tubes in decreasing rates of anemia and red blood cell transfusions among patients treated in intensive care units.

Editorial **1845**

Audio | CME

1882 Early and Empirical High-Dose Cryoprecipitate for Hemorrhage After Traumatic Injury: The CRYOSTAT-2 Randomized Clinical TrialR Davenport and Coauthors
for the CRYOSTAT-2 Principal Investigators

This clinical trial examines whether early, empirical, high-dose cryoprecipitate, in addition to standard major hemorrhage protocols, would improve survival in the first 28 days after hospital admission following injury.

Editorial **1849**

Visual Abstract | Audio

Opinion

VIEWPOINT

1837 From Product to Patient—Transfusion and Patient Blood Management
MA Warner, L Shore-Lesserson, and C BurnsViewpoint **1839**Related Article **1824**Related Article **1892****1839 The Bloody Transfusion Problem**
JB Holcomb, WK Hoots, and TM PolkViewpoint **1837**Editorial **1845****1841 Redefining Blood Donation—Path to Inclusivity and Safety**

PP Young and P Saa

Related Article **1824**JAMA Patient Page **1921**

Video

A PIECE OF MY MIND

1843 Green Peace

SC Durso

In this narrative medicine essay, a geriatrician finds synchronicity with medicine and gardening, an activity that calms his mind, stretches his limbs, and gives him insight.

EDITORIAL

1845 Blood, Bleeding, and Transfusion—A Theme Issue

CW Seymour

Viewpoint **1837**, **1839**, and **1841**Editorial **1847** and **1849**Related Articles **1852**, **1862**, **1872**, **1882**, and **1903**JAMA Patient Page **1921**Related Article **1892****1847 Precision in Transfusion Medicine**

MD Neal and BJ Hunt

Related Article **1852****1849 Contemporary Adjuncts to Hemorrhage Control**

SA Tisherman and ML Brenner

Related Articles **1862** and **1882**

Online at JAMA.com

AUDIO

Editor's Summary of This Issue

AI and Clinical Practice—

Can AI Accelerate Medical Education?

October 2023 Medical News Summary

Small-Volume Blood Collection Tubes to Reduce Transfusions in Intensive Care

High-Dose Cryoprecipitate for Hemorrhage After Traumatic Injury

VIDEO

Gay and Bisexual Men Can Now Donate Blood—Why This Matters

CME

CME online at
jamacmelookup.com

CME Disclosure Statement: Unless noted, all individuals in control of content reported no relevant financial relationships. If applicable, all relevant financial relationships have been mitigated.

INSTRUCTIONS FOR AUTHORS

jamanetwork.com/pages/for-authors

DEPARTMENTS

Staff Listing **1817**Recruitment & Classified Advertising **1918**Contact Information **1920**CORRECTION **1915**

Editor in Chief
Kirsten Bibbins-Domingo, PhD, MD, MAS

Available online

jama.com



continued >

In This Issue: November 21, 2023

Clinical Review & Education

SPECIAL COMMUNICATION

1892 Red Blood Cell Transfusion:
2023 AABB International Guidelines

JL Carson and Coauthors

Red blood cell transfusion threshold guidelines from the AABB transfusion medicine association have been updated to incorporate an expanded evidence base and to introduce guidance specific to children.

Viewpoint 1837

CME

JAMA INSIGHTS

1903 Blood and Its Components

CS Cohn and BH Shaz

This JAMA Insights summarizes best clinical practices for use of whole blood, plasma, cryoprecipitate, platelets, and red blood cells in the process of blood transfusion.

Editorial 1845

CME

JAMA PATIENT PAGE

1921 Blood Donation

K Walter

This JAMA Patient Page describes the blood donation experience, why blood donation is important, and resources for people who want to donate blood.

Viewpoint 1841

Related Article 1824

Video

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1820 AI Will—and Should—Change Medical School, Says Harvard's Dean for Medical Education

Y Hsuen and J Abbasi

In this Medical News interview, neurologist Bernard S. Chang, MD, MMSc, dean for medical education at Harvard Medical School, discusses how artificial intelligence will shift clinical training, med school admissions, and teaching.

Audio | Video

1824 Could Universal Donor Blood Be Made in the Laboratory?

BM Kuehn

This Medical News article discusses efforts to expand blood supply by converting type A and B red blood cells into type O.

Viewpoint 1837 and 1841

JAMA Patient Page 1921

Audio

MEDICAL NEWS IN BRIEF

1827 Long COVID Linked With Viral Persistence, Serotonin Decline

E Harris

1827 First US Domestic Case of Concerning Multidrug-Resistant *Paeruginosa*

E Harris

1827 Adults With ADHD Might Have Higher Dementia Risk

E Harris

1827 Common Statins Appear to Have Similar Effectiveness

E Harris

1827 Trial Confirms Antidepressant Improves IBS in Primary Care

E Harris

1828 Monoclonal Antibody Slowed Type 1 Diabetes Progression

E Harris

1828 Audit Finds US National Stockpile "Was Not Equipped" for the Pandemic

E Harris

1828 New FDA Advisory Team to Focus on AI, Other Digital Health Technologies

E Harris

Related Article 1820

1828 HRSA Study: US Abortions Decreased 14% During COVID-19

E Harris

Humanities

POETRY AND MEDICINE

1916 chronicity

L Danawala

JAMA REVISITED

1917 The Status of Blood Transfusion

Letters

RESEARCH LETTER

1905 Labor Unionization Among Physicians in Training

A Ahmed and X Li

This study examines the number of unique unions and characteristics of unionization elections among physicians in training in the US.

1906 Pediatric Hospitalization Trends at Children's and General Hospitals, 2000-2019

MJ Steiner and Coauthors

This study examines whether pediatric inpatient care has been redistributed from general hospitals into children's hospitals.

COMMENT & RESPONSE

Prophylaxis Against *Pneumocystis* Pneumonia

1908 AS Caplan, CA Mecoli, and RG Micheletti

In Reply

1909 S Zhou and SL Aitken

Antibiotics for Acute Sinusitis in Children

1909 J Meng, Y Xiao, and S Gao

In Reply

1910 N Shaikh

Medicare Physician Fee Schedule

1910 JS Resneck Jr

1911 JC Blankenship, A Arnold, and ER Tuohy IV for the American College of Cardiology

1912 CP Chiodo, MJ Healey, and SG Talbot

1912 NW Rizer

1913 CD Jahraus, PE Wallner, and DE Heron

In Reply

1913 EJ Emanuel and RA Berenson

Available online