



EMS Focus

PREHOSPITAL BLOOD TRANSFUSION IN PRACTICE

Working with a Blood Supplier in Your Prehospital Blood Program

NHTSA's Office of EMS

Tuesday, September 22, 2026

Upcoming Prehospital Blood Series Topics

OCT

28

Paying for Your Prehospital Blood Program
@ 1:00pm EST

[Register →](#)

NOV

17

Prehospital Blood Transfusion Policies,
Protocols Guidelines & Training
@ 1:00pm EST

[Register →](#)

DEC

15

Prehospital Blood Transfusion: Tracking
Success & Improvement
@ 1:00pm EST

[Register →](#)



**Scan to
Register for
Each Session
in Series**



EMS Focus

PREHOSPITAL BLOOD TRANSFUSION IN PRACTICE



VARIETY OF TOPICS

Provides the EMS community with a unique opportunity to learn more about prehospital blood transfusion best practices.



EXPERIENCE

Brings federal, state and local leaders to you!



REGISTER

With opportunity for Q&A. Closed captioning is available.



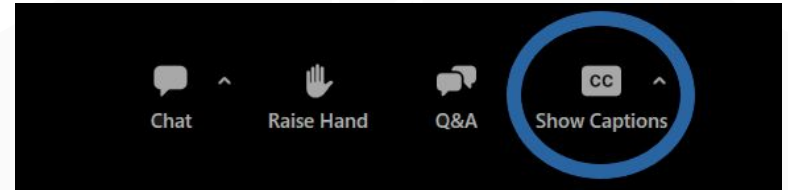
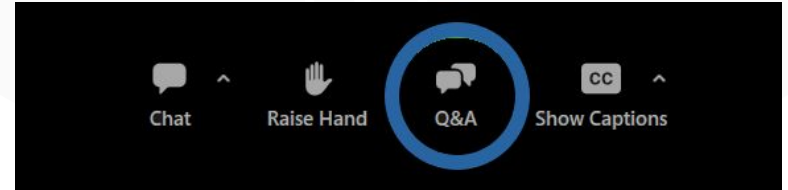
FEEDBACK & QUESTIONS

nhtsa.ems@dot.gov

Zoom Functions

This webinar will utilize two features in the Zoom Meeting controls.

- “Q&A” - Use this feature to submit your question virtually in a pop-up window/chat box
- “Show Captions” - Use this feature to turn on closed captions at any point during the webinar



NHTSA Office of EMS

Mission



Reduce death & disability



Provide leadership & coordination to the EMS community



Assess, plan, develop & promote comprehensive, evidence-based emergency medical services & 911 systems



EMS.gov Resources



Powered by NHTSA's Office of EMS

[Important Issues In EMS](#) | [Resources](#) | [About the Office of EMS](#) | [What Is EMS?](#) | [Contact Us](#)

[Home](#) / [Resources](#)

Featured Resources

Use these links to find the most popular resources on EMS.gov:

- ["Star of Life" Brochure](#)
- [Education Standards](#)
- [EMS Agenda 2050](#)
- [Evidence-Based Guidelines](#)
- [Innovation Opportunities for Emergency Medical Services: A Draft White Paper](#)
- [Managing Emerging Diseases](#)
- [NEMSIS](#)
- [Scope of Practice Model](#)
- [State Assessments](#)

 [Sign up for the EMS Focus Webinars](#)

 [Sign up for the EMS Update Newsletter](#)

Resources

[SEARCH](#)

BROWSE BY CATEGORY

[Advancing EMS Systems](#)[Education](#)[Emerging Diseases](#)[EMS Data](#)[EMS Focus Webinars](#)[EMS Update Newsletters](#)[Evidence-Based Guidelines](#)[FICEMS](#)[National EMS Instructional Guidelines](#)



EMS Focus: Working with a Blood Supplier in Your Prehospital Blood Program

Panelists



Jeff Hinshaw, PA

Assistant Medical Director
Wilkes County Emergency Services, North Carolina



Christina Warren, MSHS, MLS (ASCP) SBB

Blood Bank & Stem Cell Transplant Cellular
Therapies Manager
Atrium Health Wake Forest Baptist, North Carolina



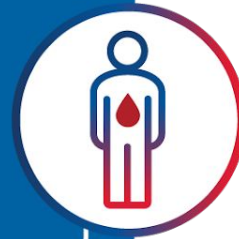
Moderator

Gamunu Wijetunge

Director
Office of EMS, NHTSA

PREHOSPITAL BLOOD TRANSFUSION

*A Lifesaving Solution
for Trauma Patients*



Severe bleeding is the primary cause of preventable fatalities in trauma patients.¹



Time is critical. Death can occur in as little as five minutes when someone is bleeding.²



For every minute of delay in administering blood, the risk of death increases by 11%.³



Wake Forest University

School of Medicine



Atrium Health



Wilkes County Emergency
Services Department



Atrium Health Wake Forest Baptist
Medical Center

WILKES COUNTY & ATRIUM HEALTH IN ACTION



HOW TO GET STARTED TODAY



Check with your regulatory agency about **EMS licensure requirements and scope of practice** to determine any changes that may be needed to allow paramedics and other EMS personnel to administer blood in the field.



Create a **list of stakeholders** who should be on your committee and reach out to each member to start a conversation.



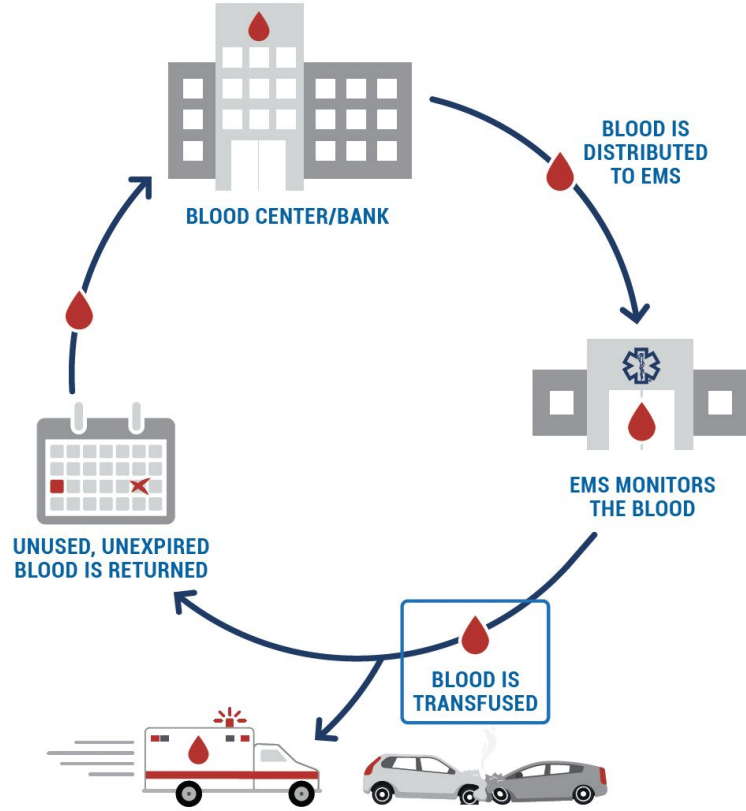
Learn from EMS organizations with a prehospital blood transfusion program to find out how they did it.

HOW EMS PROGRAMS SAFELY DELIVER BLOOD

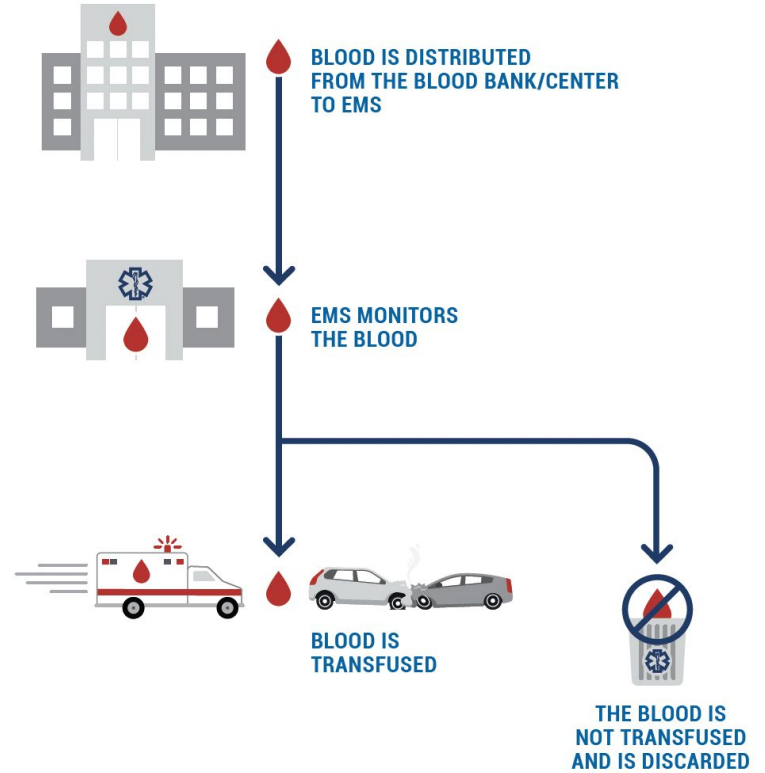
- **Paramedics receive specialized training and competency validation** to safely administer blood products in the field
- Prehospital blood programs **operate under physician medical direction** and follow **evidence-based** clinical guidance
- EMS agencies maintain **strict procedures for storage, temperature monitoring, transport and product accountability** according to AABB Guidelines



ROTATION MODEL



PAY-AS-YOU GO MODEL



EMS Focus: Working with a Blood Supplier in Your Prehospital Blood Program

Panelists



Jeff Hinshaw, PA

Assistant Medical Director
Wilkes County Emergency Services, North Carolina



Christina Warren, MSHS, MLS (ASCP) SBB

Blood Bank & Stem Cell Transplant Cellular
Therapies Manager
Atrium Health Wake Forest Baptist, North Carolina



Moderator

Gamunu Wijetunge

Director
Office of EMS, NHTSA



NATIONAL ROADWAY SAFETY STRATEGY 2026

“Prehospital blood transfusion programs coupled with 911 call-taking protocols are promising tools that support faster, more informed responses....DOT will improve public safety infrastructure and expand post-crash care to save lives.”

- National Roadway Safety Strategy (NRSS)



PREHOSPITAL BLOOD: A NATIONAL SAFETY PRIORITY IN ACTION

Pathways to Safer Streets (P2SS)

- Prehospital blood is named one of eight federal priorities in the Administrator's action plan—with new tools and resources to strengthen SHSO partnerships

IF WE DO THIS RIGHT,

if we work as one system, one network, with one mission, then one day, the idea of losing *tens of thousands of people* on our roads each year, will feel not just tragic, but *unthinkable*.

Let's use the next several years to prove that traffic fatalities are *not an inevitable part* of American life. Let's turn our shared mission into a reality.

JONATHAN MORRISON
NHTSA Administrator

Pathways to Safer Streets

The infographic includes a circular diagram with eight segments, each representing a pathway to safer streets:

- PREVENT**: Impaired Driving
- REENGAGE**: Law Enforcement
- EXPAND**: Prehospital Blood Transfusion Programs
- LEVERAGE**: State Highway Safety Offices
- MOBILIZE**: A National Partnership Strategy
- REDUCE**: Excessive Speeding
- INCREASE**: Occupant Protection Use
- ELIMINATE**: Distracted Driving

The background of the infographic features a photo of Jonathan Morrison speaking at a podium with a sign that reads "BALTIMORE MARYLAND 2026 LIVESAVERS".

HOW NHTSA IS SUPPORTING PREHOSPITAL BLOOD



Increasing national visibility of prehospital blood transfusion with public safety, highway safety and elected officials



Advancing education, collaboration and best practice sharing across EMS and 911



Partnering with national and regional stakeholders across the care continuum



Releasing resources (infographics, informational videos, use cases, etc.) communicating impact and best practices



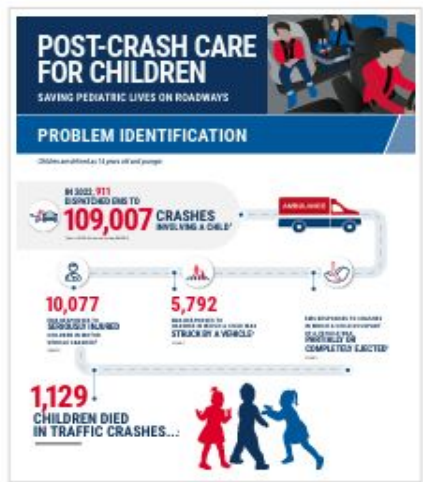
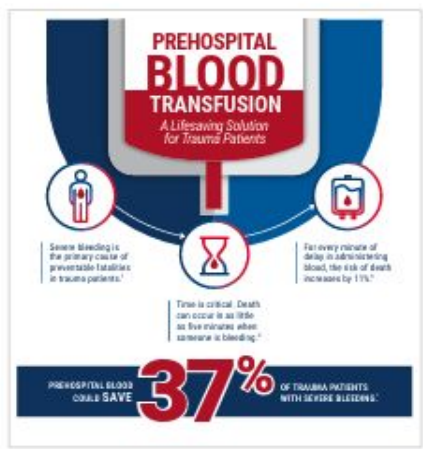
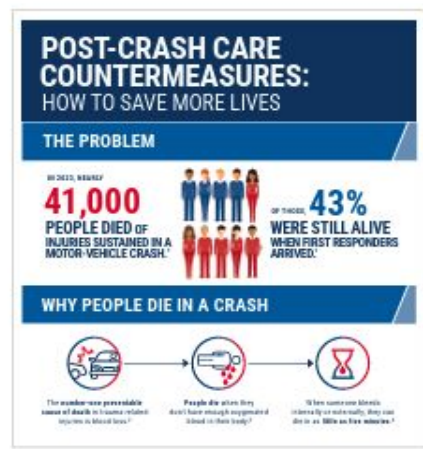
Providing federal funding to support scalable programs



Accelerating adoption to advance one of the most transformative EMS interventions in a generation

ACCESS NEW RESOURCES TO:

- Learn how 911 and public safety are improving highway safety and enhancing post-crash care to save more lives
- Explore ways these efforts are helping save lives



Q&A

Watch Previous
Webinars:





EMS Focus

PREHOSPITAL BLOOD TRANSFUSION IN PRACTICE

 [ems.gov](https://www.ems.gov)

 [NHTSA](https://www.nhtsa.gov)

 [911.gov](https://www.911.gov)

Feedback & Questions
nhtsa.ems@dot.gov

THANK YOU!