

PREHOSPITAL TRANSFUSION TOOLKIT

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ImpactLife**

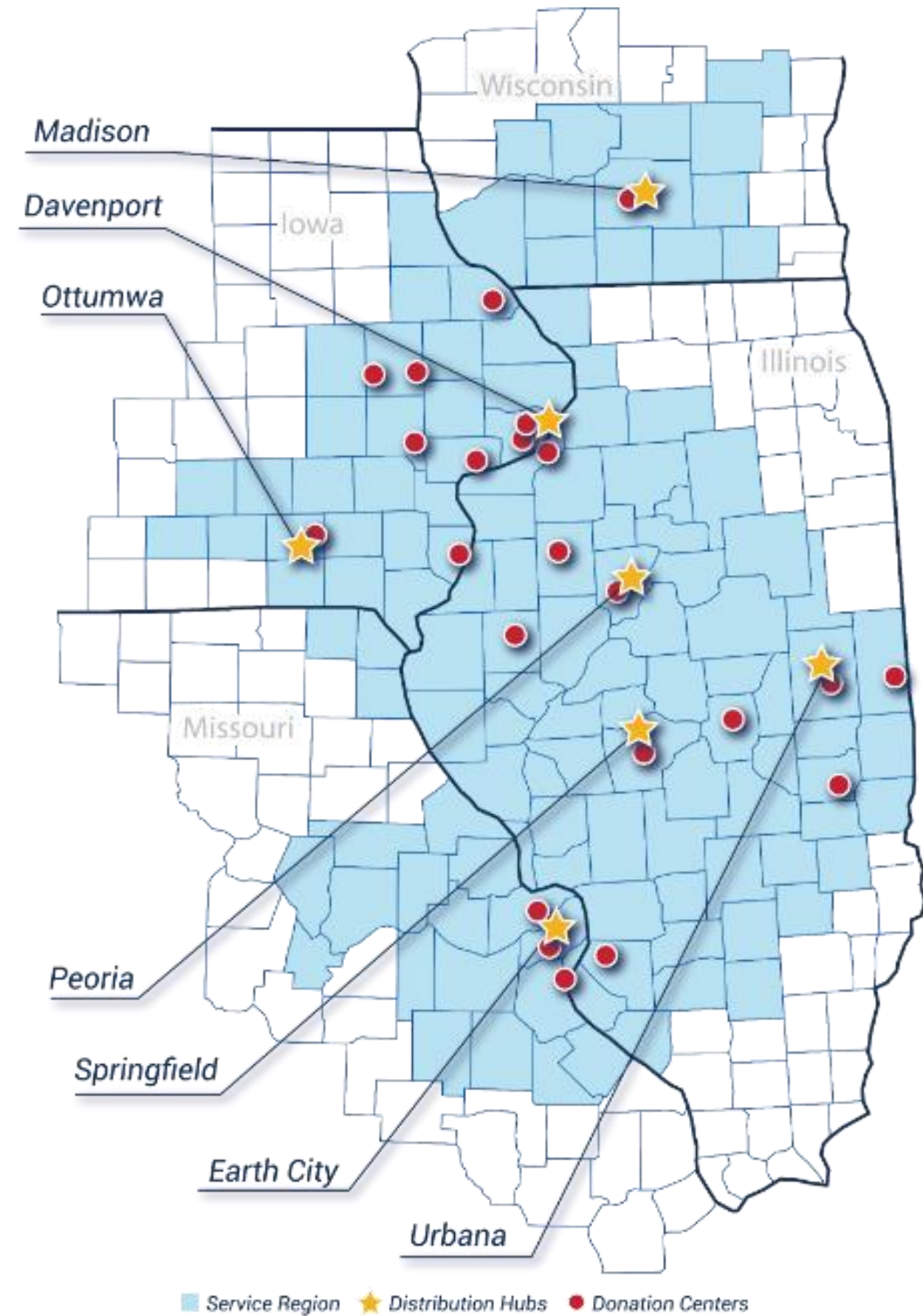
**Assistant Professor of
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 ImpactLife


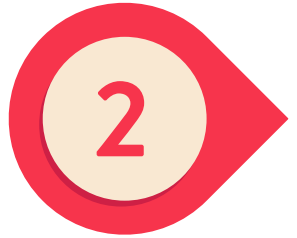



- ✓ Air Evac 137 Greenville
- ✓ Air Evac 138 Harrisburg
- ✓ Air Evac 144 Macomb
- ✓ Air Evac 156 Maryville
- ✓ Air Evac 17 Paoli
- ✓ Air Evac 172 Jefferson County
- ✓ Air Evac 27 Jacksonville
- ✓ Air Evac 39 Brazil
- ✓ Air Evac 5 Quincy
- ✓ Air Evac 59 Fort Madison
- ✓ Air Evac Base 11 Mt Vernon
- ✓ Air Evac Base 145 Mattoon
- ✓ Air Evac Base 28 Watson
- ✓ Air Evac Base 35 Marion
- ✓ Cole County EMS/Jefferson City/Direct
- ✓ HomerGPhillips Mem Hosp/St.Louis/Dir...
- ✓ Mehlville Fire Protection District/Dire...
- ✓ OSF Life Flight/Bloomington/Direct
- ✓ Washington County Ambulance District/Dir...

18 and growing



PREHOSPITAL TRANSFUSION

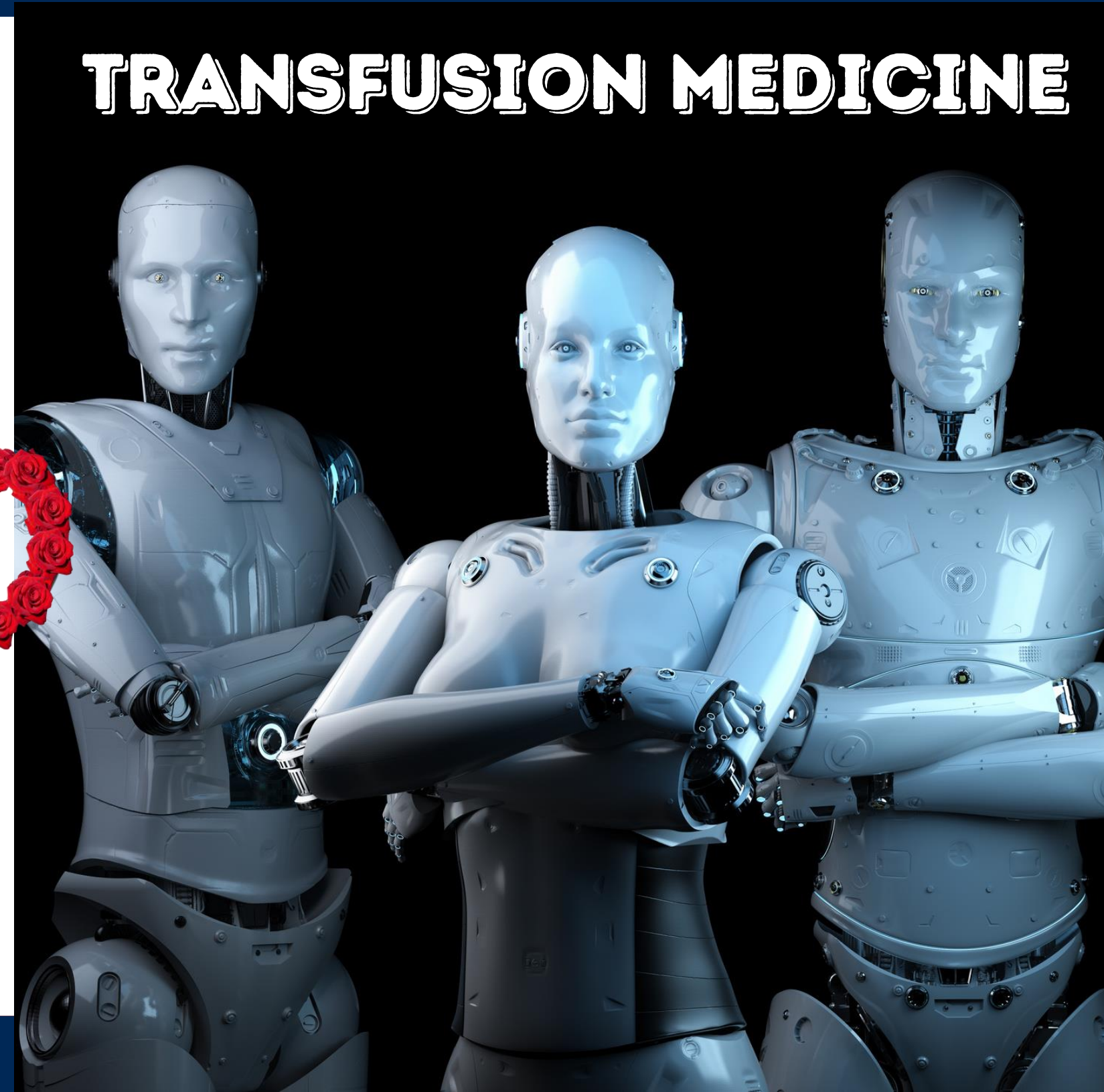
-  **Blood Bank Regulatory Practice**
-  **Prehospital Transfusion Toolkit**
-  **Advocacy + Academic Collaboration**

MARRIAGE MADE IN HEAVEN

EMERGENCY MEDICINE



TRANSFUSION MEDICINE



REGULATORY FRAMEWORK



FDA



AABB
CLIA
CAP



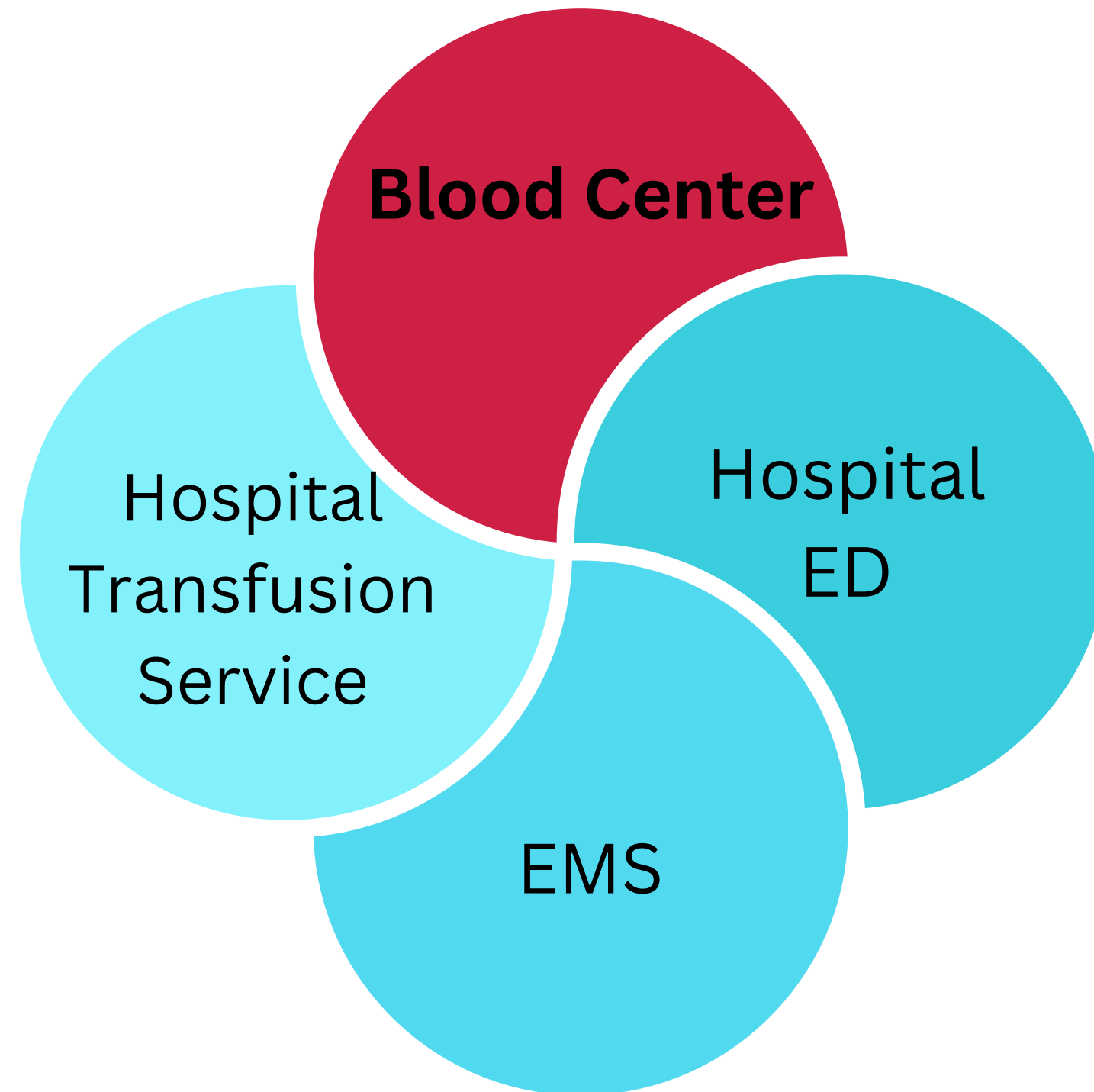
OSHA
EPA



DOT



ROLE OF THE BLOOD CENTER



TOOL KIT

1.Fill out survey

2.Develop contract

3.Implementation checklist

- **Equipment/Validation**
- **TAS Policies**
- **Medical Director Responsibilities**
- **Transportation boxes/delivery location**

4.Education

- **Blood Hub Ordering**
- **Product handling**
- **Transfusion Reactions/Adverse Events/FDA Fatality Reporting**
- **Consignee Notifications/Recalls**

5.Hospital notifications and follow-up meetings with transfusion service

6.Go-Live

7.Blood drive partnerships

8.Monthly inventory/wastage data and transfusion parameters spreadsheet

ONBOARDING TOOL: SURVEY

Prehospital Transfusion Program

We're excited to partner with your organization to provide lifesaving blood products in the prehospital transfusion setting. In order to capture your demographics, current process and blood product needs, please complete below. If you have any questions, please reach out to Mike Rasso at mrosso@impactlife.org or (563) 349 -1598.

The average time to complete survey: ~15 minutes



Prehospital Transfusion Program

Demographic Information

1. Organization Name

2. Primary Point of Contact

Name

Phone number

Email address

- EMS program demographics
- Type/# of fleets
- Anticipated blood product needs
- Storage and transport equipment
- Hospital partner distribution
- Marketing
- Public relations
- Academic collaboration

EDUCATION

1. Electronic Ordering System
2. Product handling
3. Transfusion Reactions/Adverse Events/FDA Fatality Reporting
4. Consignee Notifications/Recalls



TAS POLICIES



Prehospital Emergency Care



ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/ipec20>

THOR-AABB Working Party Recommendations for a Prehospital Blood Product Transfusion Program

Mark H. Yazer, Philip C. Spinella, Eric A. Bank, Jeremy W. Cannon, Nancy M. Dunbar, John B. Holcomb, Bryon P. Jackson, Donald Jenkins, Michael Levy, Paul E. Pepe, Jason L. Sperry, James R. Stubbs & Christopher J. Winckler

AAB



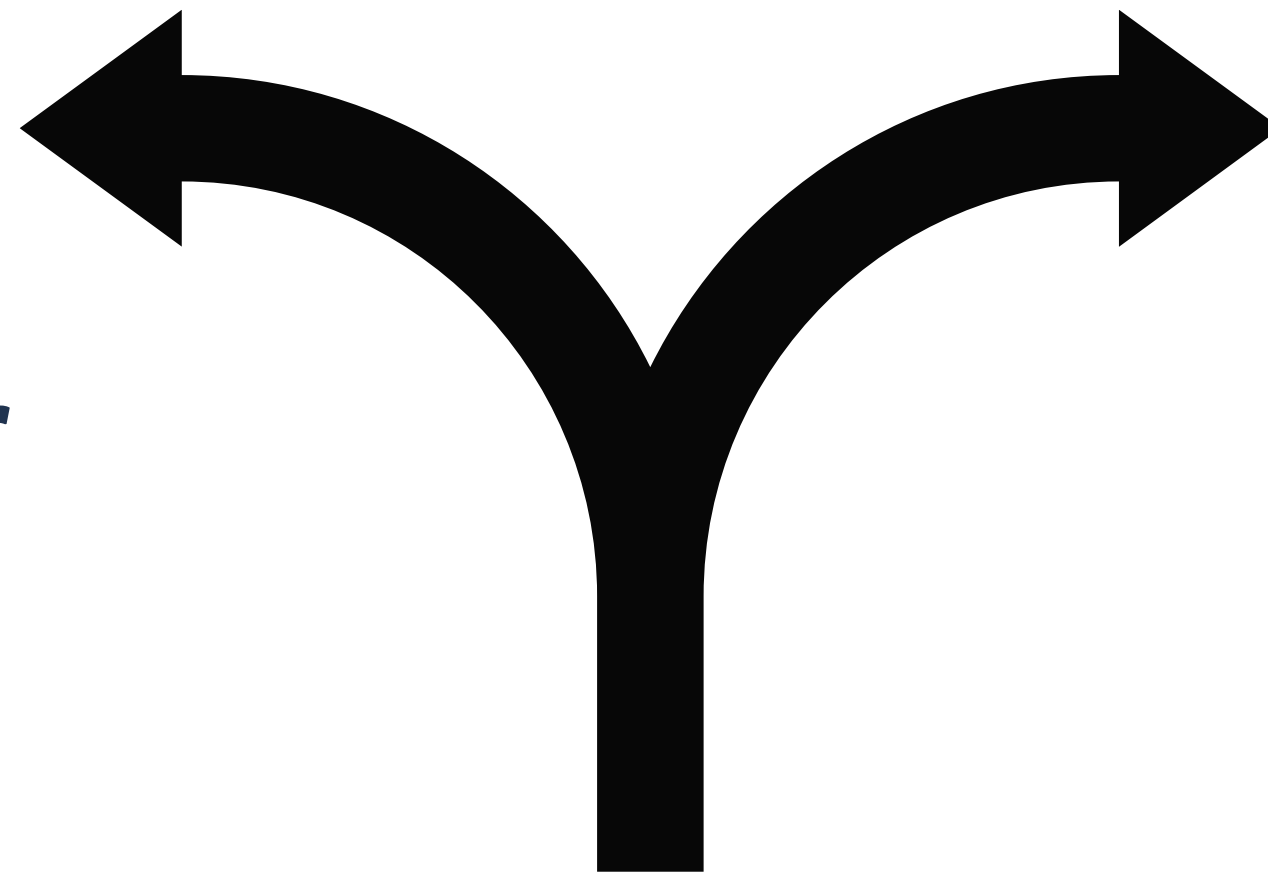
OUT OF HOSPITAL/PREHOSPITAL TRANSFUSION STANDARDS



Standard	Record to Be Maintained
1.2.2	Management review of effectiveness of the quality system
1.3	Policies, processes, and procedures
1.3.2	Exceptions to policies, processes, and procedures
1.4	Risk assessment
1.6.1	Emergency operation plan tested at defined intervals
Standard	Record to Be Maintained
2.1.1	Job descriptions
2.1.2	Qualification of personnel performing critical tasks
2.1.3	Training records of personnel
2.1.4	Evaluations of competence
2.1.5	Personnel records of each employee
2.1.6	Continuing education requirements

TRANSPORTATION

**Blood Center
Hub**



**Hospital
Site**

HOSPITAL NOTIFICATION



1001 Boardwalk Springs Place, Ste. 250
O'Fallon, Missouri 63368
www.lifeteam.net

September 27, 2023

To whom it may concern:

Air Evac Lifeteam is starting a new Prehospital Transfusion Program in collaboration with ImpactLife, ensuring that each of our helicopters in your area will have essential, lifesaving blood products available for patient care.

Air Evac Lifeteam Prehospital Transfusion Program Overview

Air Evac Lifeteam operates bases in nearly two dozen communities within Illinois, Iowa, and Indiana. While a few of these bases have already been administering blood products in the prehospital transfusion setting, we are excited to announce that starting November 1st, [all](#) of our bases in these states will be equipped to carry blood products.

This new program aims to ensure 24-hour access to essential blood products, specifically for patients experiencing acute hemorrhagic shock or severe symptomatic anemia. ImpactLife Blood Center is an independent community blood center headquartered in Davenport IA, dedicated to ensuring a stable and reliable supply of blood products. With six additional satellite hubs spanning a four-state region, ImpactLife plays a vital role in serving local healthcare communities.



Mehlville Fire Protection District Launches Groundbreaking Pre-Hospital Blood Transfusion Program for Enhanced Emergency Care

Bern Aniceto Feb 8, 2024



MFPD program will provide blood transfusions on location

District can only replace volume lost right now

By [Erin Achenbach](#), News Editor

December 13, 2023



The Mehlville Fire Protection District is introducing a new program to provide onsite blood transfusions in emergencies.


TAS AUDITS

- 1 Audit documentation
- 2 Temperature control
- 3 Equipment inspection



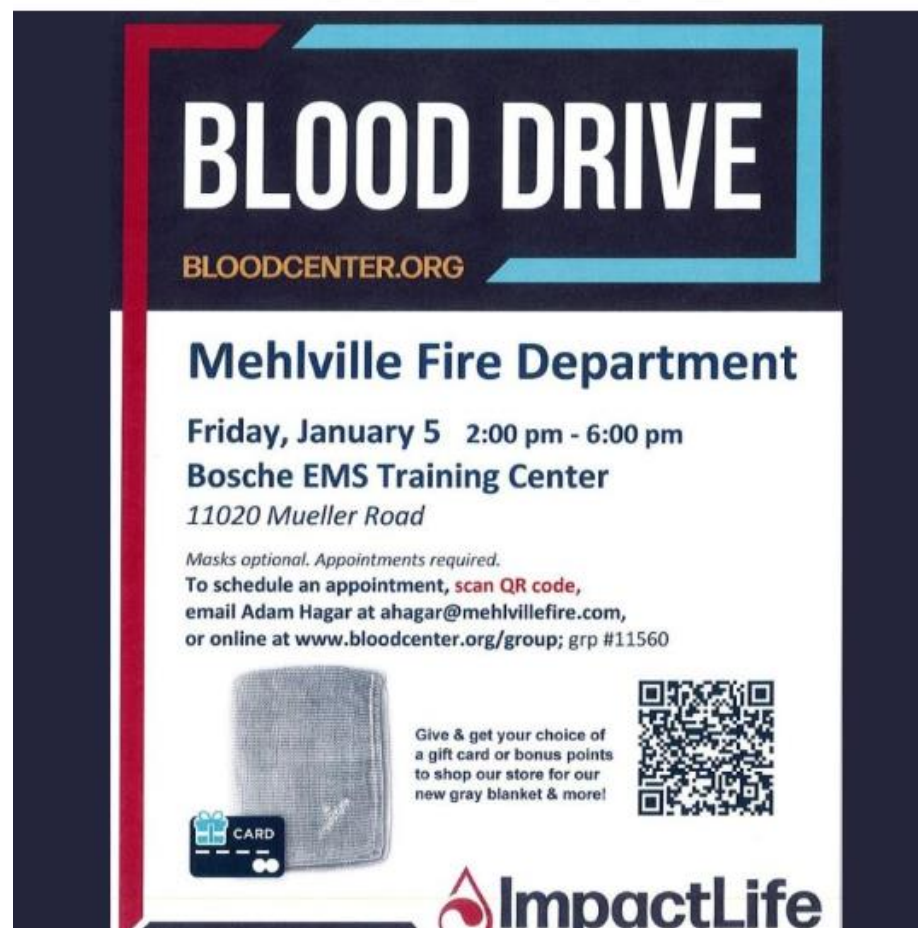
ON-GOING PARTNERSHIP

Blood Drives

 Date: Today, January 5th
 Time: 2 pm - 6 pm
 Location: Bosche EMS Training Center - 11020 Mueller Rd.

Every individual's support, whether from community members or personnel, plays a crucial role in bolstering our newly launched Pre-Hospital Blood program.

Appointments are still available, and we welcome your participation! Let's make a difference together.

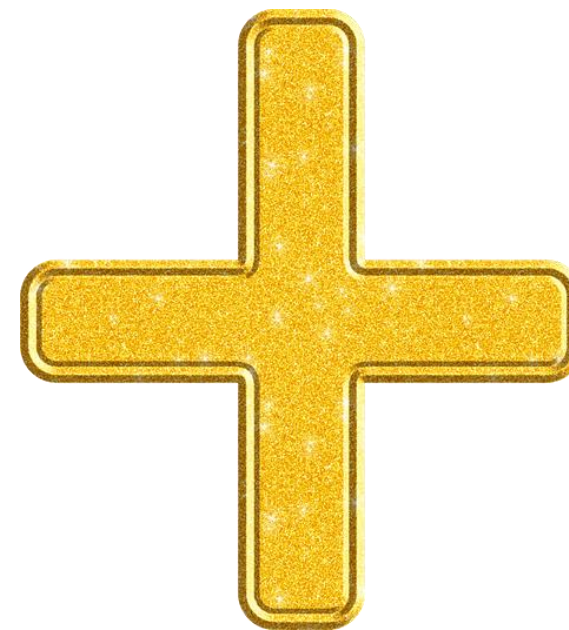




BLOOD DRIVE
BLOODCENTER.ORG

Mehlville Fire Department
Friday, January 5 2:00 pm - 6:00 pm
Bosche EMS Training Center
11020 Mueller Road

Masks optional. Appointments required.
To schedule an appointment, scan QR code,
email Adam Hagar at ahagar@mehlvillefire.com,
or online at www.bloodcenter.org/group;grp#11560

Give & get your choice of a gift card or bonus points to shop our store for our new gray blanket & more!



Abstract/Session Proposal Title: Building The Bridge for Prehospital Blood Transfusion: a Standardized Approach from a Blood Center

ABSTRACT/SESSION PROPOSAL PREVIEW: BUILDING THE BRIDGE FOR PREHOSPITAL BLOOD TRANSFUSION: A STANDARDIZED APPROACH FROM A BLOOD CENTER

EMS 1: "[Blood Center] has been pivotal in creating, building, and establishing the blood program at our organization."

EMS 2: "...due to the unique demographics of our service area, access to pre-hospital blood products is an imperative link in the chain of survival for our patients. I can confidently say, one life has already been saved in the first 90 days of our program."

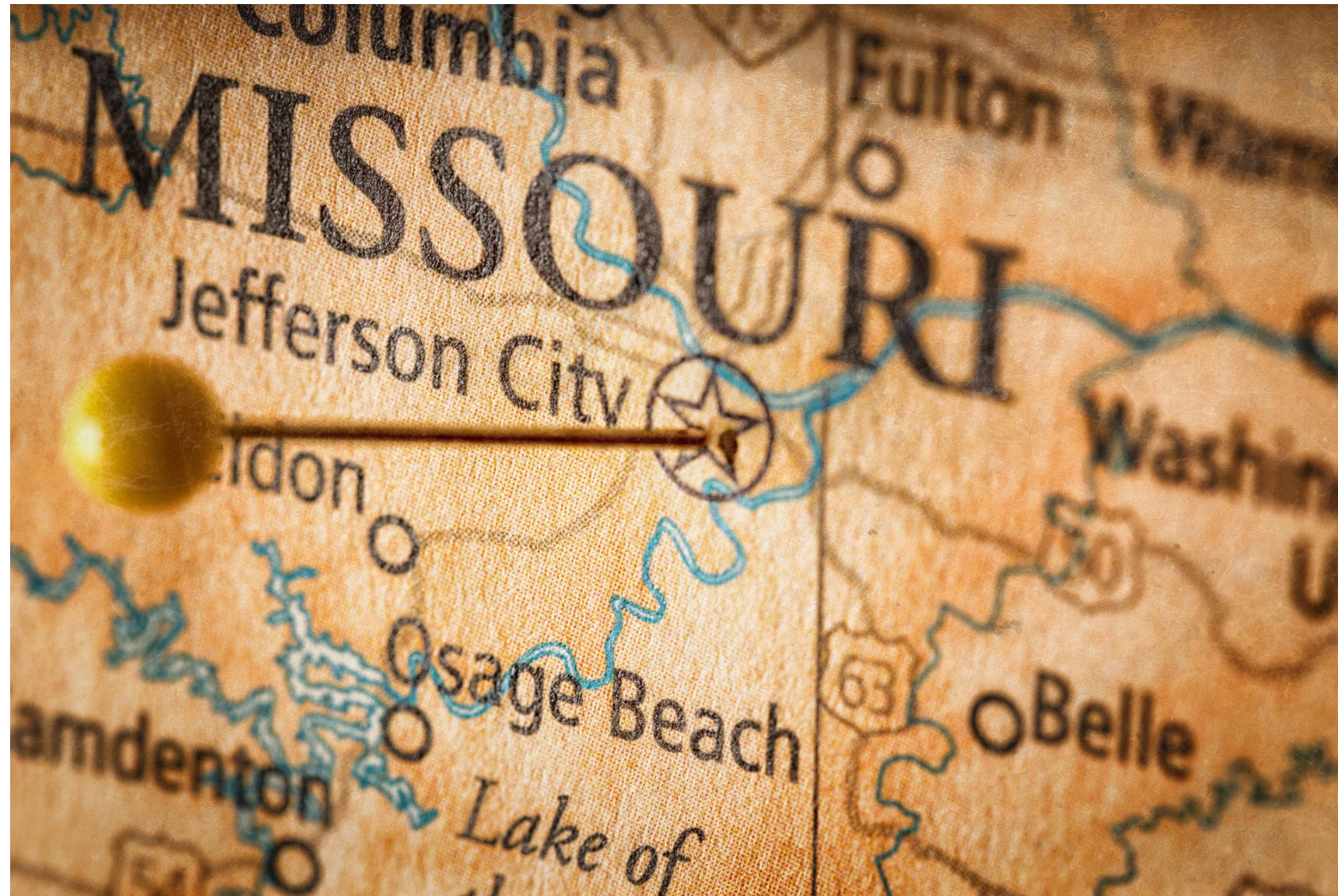
Academic Collaboration

ON-GOING PARTNERSHIP

Summer Research Scholarship
#SLUSOMResearch



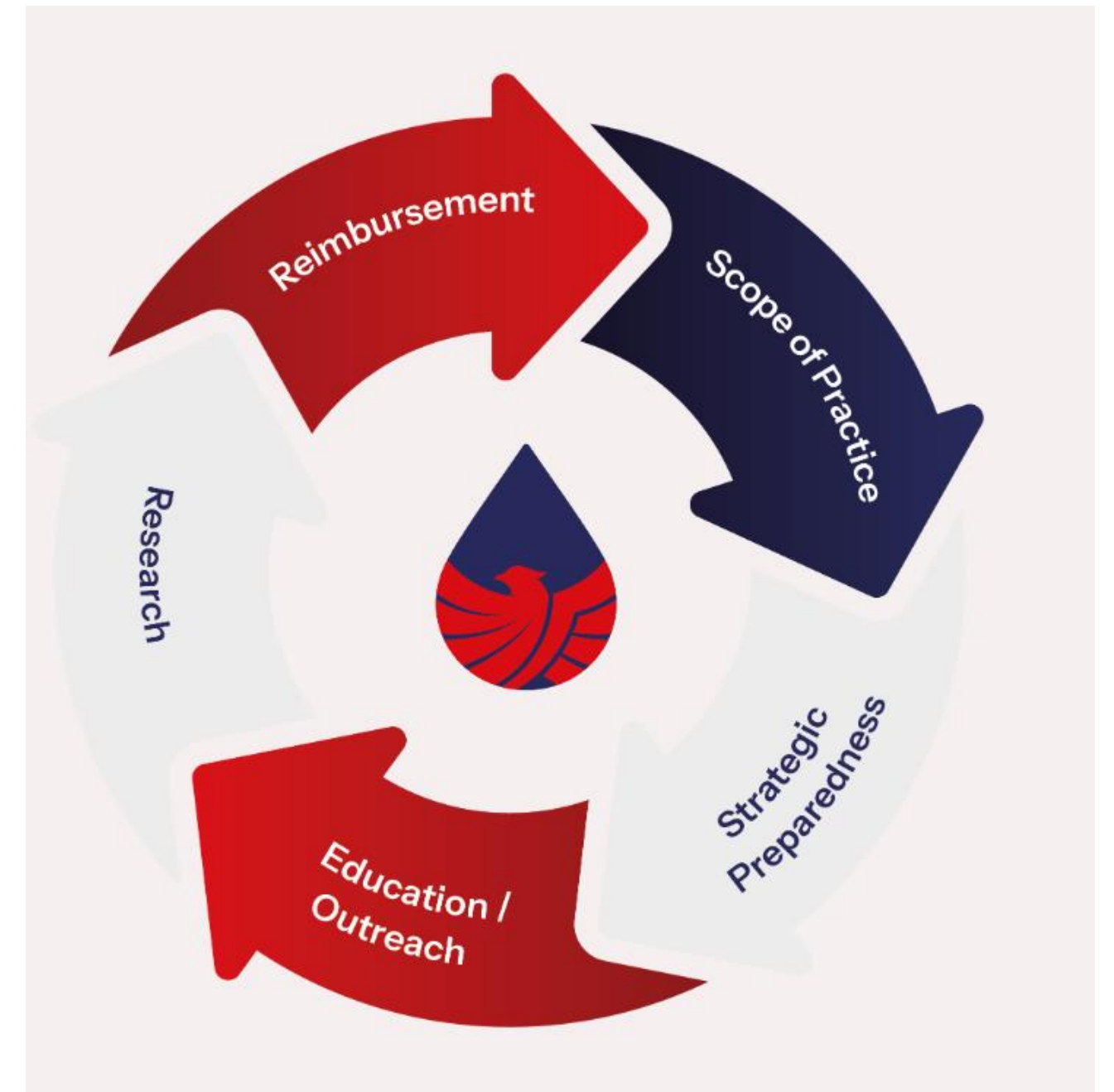
MISSOURI PREHOSPITAL TRANSFUSION CONSORTIUM



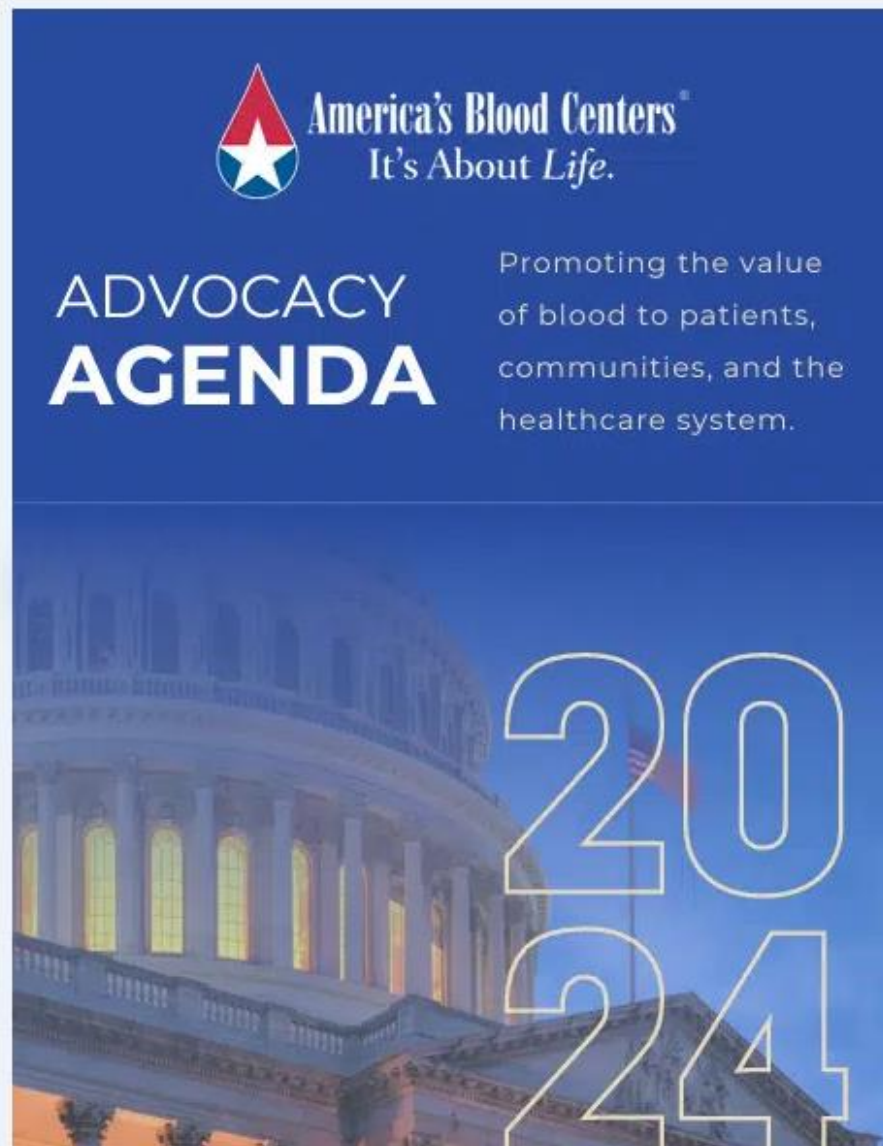
PREHOSPITAL TRANSFUSION CONSORTIUM



PREHOSPITAL
BLOOD TRANSFUSION
INITIATIVE COALITION



BLOOD ADVOCACY WEEK IN DC



Ensure blood transfusions are available to patients when and where they need blood.

Blood centers throughout the U.S. work to ensure that blood is available to patients when they need it most.

Unfortunately, due to some payment policies, blood transfusions are not equally available to all patients, including those in the Medicare Hospice program, those receiving treatment in an outpatient clinic, or those suffering from trauma and receiving blood through emergency management services.

Studies show extensive benefits to patients and the healthcare system they rely on when they have access to blood transfusions and are assured care when and where it's needed.

Congress should ensure Medicare payment policies allow patient access to blood transfusions when and where the patients needs.

PREHOSPITAL TRANSFUSION

<https://www.youtube.com/watch?v=uUKoSuh2uqA>

YouTube

Search



LET'S BE FRIENDS!

@impactlifeblood



dhermelin@impactlife.org