ImageTrend

WHOLE BLOOD TRACKING IN EMS

Turning Life-Saving Innovation into Actionable Data

Prehospital blood administration is rapidly emerging as a critical advancement in trauma care, especially for patients experiencing hemorrhagic shock, where early intervention can significantly improve survival.

Recent national Collaborate data shows in 2024:

- **3,879 EMS responses** included prehospital blood administration
- **76% of cases were trauma-related**
- **88% occurred in air transport vs. 10% ground**
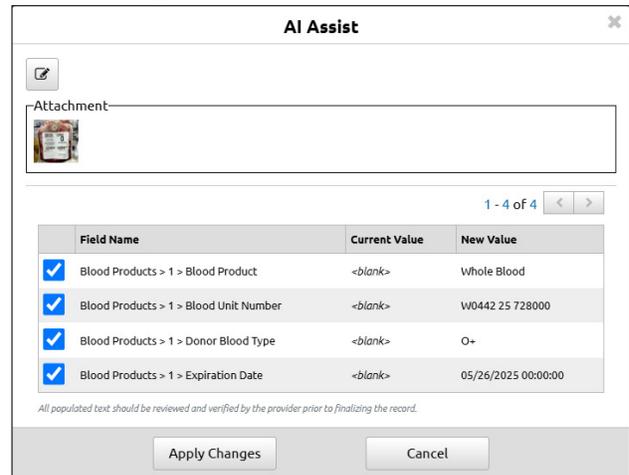
As adoption grows, agencies face a new challenge:

How do you ensure every transfusion is documented, reviewed, and optimized for better outcomes?

The Challenge

Whole blood programs introduce complexity across:

- Multi-step documentation (procedures, medications, blood details across multiple fields)
- Real-time oversight and compliance requirements
- Consistent review across crews, shifts, and leadership

Without a clear workflow, cases can be missed, documentation can be incomplete, and oversight becomes inconsistent.

AI Assist

Attachment

1 - 4 of 4

Field Name	Current Value	New Value
Blood Products > 1 > Blood Product	<blank>	Whole Blood
Blood Products > 1 > Blood Unit Number	<blank>	W0442 25 728000
Blood Products > 1 > Donor Blood Type	<blank>	O+
Blood Products > 1 > Expiration Date	<blank>	05/26/2025 00:00:00

All populated text should be reviewed and verified by the provider prior to finalizing the record.

Apply Changes   Cancel

Dynamic Power Tool Manager   ← Back   More ⌄

Choose an icon
Blood Administration

Medications Grid
Blood Product Administration

Procedures Grid
Blood Transfusion Procedure

Blood Products Grid
Blood Bag Details

Drag a dataset field to this panel

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A Smarter Approach with ImageTrend

Real-Time Visibility

Automated alerts notify reviewers as soon as a transfusion is documented, providing near real-time oversight for medical directors and QI teams.

Streamlined Documentation

Power Tools consolidate procedures, medications, and blood product details into a single workflow, reducing missed fields and improving consistency.

Reliable Case Capture

Daily automated reports capture all transfusion cases within a defined timeframe, ensuring every event is accounted for and easy to review.

Faster, More Accurate Data

AI Assist can extract key details from blood bag labels (e.g., unit number, expiration date), reducing manual entry and improving accuracy.

The Impact

Agencies can:

- Ensure **100% case review and follow-up**
- Improve **documentation quality and consistency**
- Strengthen **clinical oversight and compliance**
- Use data to **evaluate programs & refine protocols**

Get Started

Build a scalable, compliant whole blood tracking process using tools you already have.

Schedule a demo today at www.imagetrend.com/schedule-a-demo/