“A Bloody Good Idea”
A Novel Protocol for Out-of-Hospital Transfusions

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THE UNIVERSITY of NEW MEXICO
UNM EMS Consortium
Blood for Extraordinary Circumstances Field Activation Protocol
Title: Emergency Issue of Blood for Extraordinary Circumstances

Owner: Medical Director, Blood Bank & Laboratory Services

Effective Date: 1/19/2012

Doc. #2799

DESCRIPTION/OVERVIEW

This procedure will describe how to provide blood to agencies requesting uncrossmatched O negative or O positive red blood cells for extraordinary circumstances.

AREAS OF RESPONSIBILITY

Blood Bank staff and Providers

PROCEDURE

1. An on-call physician for UNM EMS Medical Direction Consortium will call the Blood Bank when red blood cells are needed for an extraordinary circumstance at:
   - UH Blood Bank: (505)272-2591 or (505)272-2592
   - EMS Consortium/Lifeguard dispatch: (505)272-3115

2. The Blood Bank staff will pack the requested number of Red Blood Cells in a transportation container.

3. EMS staff will pick up the transportation container from the Blood Bank and return it to the Blood Bank when finished.

3.1 If the blood was transfused, EMS staff will provide patient information to the Blood Bank (name, UH medical record number if available, date of birth if available).

DEFINITIONS

- The UNM EMS Physician Scene Response program: provides emergency physician level care. On-call EMS physicians will consult and meet-up with any EMS agencies affiliated with the UNM EMS Medical Direction Consortium.
- Lifeguard Air Emergency Services: The hospital fixed-wing air emergency transport service in New Mexico.
- Extraordinary circumstance requests for red blood cells will be directed to the EMS Medical Direction Consortium physician on call who will then notify the UH blood bank of the request.
- Physicians affiliated with the UNM EMS Medical Direction Consortium will notify the UH blood bank of the fate of any units not returned to the blood bank.

SUMMARY OF CHANGES


RESOURCES/TRAINING

Resource/Dept

Contact Information

Blood Bank

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TITLE: Emergency Issue of Blood for Extraordinary Circumstances

Procedure

Patient Age Group:

( ) N/A (X) All Ages ( ) Newborns ( ) Pediatric ( ) Adult

Applies To:

All HSC Hospitals

Responsible Department: Blood Bank

The Process...

- One call- That's All!
- UBS Boxes- Free and 48 QC!
- Up to 8u, Rh+ bias
- Return to Sender
Utilization possibilities?
MVC’s w/ Entrapments

Chicago Fire
Industrial Accidents
Structural Collapses
Tactical Operations
Austere Environments
Fort Worth??
Beeson?
Field Blood Deployments

- 28 Jun. 11 - High Risk remote LE Op
- 23 Sept. 11 - AMRC Mtn Rescue call out, 2 O Neg units used
- 16 Feb. 12 - High Risk remote LE Op
- 10 Jul. 12 - High Risk remote LE Op
- 7 Aug. 12 - High Risk remote LE Op
- 14 Dec. 12 - High Risk remote LE Op
- 20 Jan. 13 - AMRC Mtn Rescue call out
“5” in closing

- Procedure/ Document Resources key
- State scope of practice?
- Saving a limited resource - Trauma blood
- Proof of Concept that it works
- Be nice to your Pathologist!!
Thank you

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