



“A Bloody Good Idea”

A Novel Protocol for Out-of-Hospital Transfusions

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Genesis?

UNM EMS Consortium
Physician Field Response



THE UNIVERSITY OF NEW MEXICO
HEALTH SCIENCES CENTER

Pathology & Blood Bank



United
Blood
Services



TRICORE
REFERENCE LABORATORIES



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UNM EMS Consortium Blood for Extraordinary Circumstances Field Activation Protocol





The Protocol



| | |
|--|------------------|
| Applies To: All HSC Hospitals | |
| Approved/Revised: Blood Bank | |
| Revised: New Document - 12/2011 | |
| Title: Emergency Issue of Blood for Extramural | Procedure |
| Circumstances: | |
| Patient Age Group: () N/A (X) All Ages () Newborn () Pediatric () Adult | |

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

AREAS OF RESPONSIBILITY

Blood Bank staff and Providers

- PROCEDURE**
- As we 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)272-2391 or (905)272-2392
EMS Consortium Lifeguard dispatch: (505)272-2115
 - The Blood Bank staff will pack the requested number of Red Blood Cells in a transportation container.
 - EMS staff will pick up the transportation container from the Blood Bank and return it to the Blood Bank when finished.
 - 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 Service Response system** 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 Service:** The hospital fixed-wing air emergency transport service in New Mexico.
 - Extramural circumstances 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 date of any cases not entered in the blood bank.

SUMMARY OF CHANGES
New document, 12/2011.

| | |
|--------------------------|----------------------------|
| REVISIONS/CHANGES | Contact Information |
| | Blood Bank |

Title: Emergency Issue of Blood for Extramural Circumstances
Owner: Medical Director, Blood Bank & Laboratory Services
Revised Date: 12/2012
Doc #7799



DOCUMENT APPROVAL & TRACKING

| Name | Contact | Date | Approval |
|---------------------------------|---|-----------------|----------|
| Owner | Medical Director, Blood Bank & Laboratory Services | | |
| Committee(s) | Advisory Board, RCV, BSN, Quality Committee | | |
| Committee(s) | Clinical Operations PPRG Committee, Medical Executive Committee | | Y |
| Medical Director/Officer | Sara Koenig, MD, Medical Director, Blood Bank and Laboratory Services | | Y |
| Official Approver | Rob Butler, MD, Associate Dean for Clinical Affairs | | Y |
| Official Signature | | Date: 1/19/2012 | |
| Effective Date | | 1/19/2012 | |
| Expiration Date | | 12/2013 | |
| Issue Date | Clinical Operations Policy Coordinator | 1/19/2012 | at |

ATTACHMENTS

None



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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



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Structural Collapses





Tactical Operations





Austere Environments





et Verna Bice
Acclaim. Inacio. 2011



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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
- 25.Jun.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



Austere Environments





“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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