



AT THE FOREFRONT

UChicago
Medicine

Clinical Laboratories

To: Medical Staff, House Staff, Patient Care Centers, and Outpatient Clinics

From: Melissa S Pessin, MD PhD
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Date: 2/6/2024

Subject: Pathogen reduced cryoprecipitate now available for Adult Patients

Effective Date: 2/6/2024

Laboratory Section: Transfusion Medicine

Summary: Starting Tuesday, February 6, 2024, the UCM Blood Bank is implementing the use of pathogen reduced (PR) cryoprecipitate for adult patients.

At that time, we will have a mixed inventory of PR cryoprecipitate and standard cryoprecipitate pools. These PR units are for larger patients, not children <20kg; single non-PR cryoprecipitate units will remain available for small children.

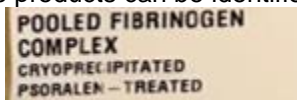
Pathogen reduction limits microbial growth during the room temperature storage of thawed cryoprecipitate. This allows extension of product expiration from 6 hours to 5 days.

This significant extension of the shelf-life is a benefit because 1) the blood bank will keep at least one PR cryoprecipitate unit thawed at all times for emergency use in adult patients and 2) we expect a reduction cryoprecipitate wastage.

PR cryoprecipitate will be used primarily for patients in the ORs, L&D, or during MTP. If there is 48 hours or less of shelf-life left on a thawed PR cryoprecipitate unit, it will be used interchangeably for any adult cryoprecipitate pool order.

The EPIC cryoprecipitate orders will remain unchanged.

These products can be identified as PR cryoprecipitate by their label, stating, "psoralen treated."



The only contraindication to PR cryoprecipitate is a history of hypersensitivity reaction to amotosalen or other psoralens. If such a history is known for your patient, please contact UCM Blood Bank at 773 702 6827.

Questions: If there are any questions regarding this notice, please contact:

- Gunta Musa (Transfusion Medicine Lab Manager)
- Kara Newton (Director of Core Laboratories)
- Geoffrey Wool, MD PhD (Medical Director, Section of Transfusion, Hemostasis, and Apheresis Medicine (THAM)).