

EMERGENCY BLOOD ALGORITHM

1 unit of Cryo will automatically be provided for every even numbered Code Crimson Pack (1 Cryo per 8 units of RBC's).

Code Crimson

Patient is bleeding and in need of blood

Initiate **Code Crimson** based on the provider's clinical judgment of **massive exsanguination** and expected resuscitation needs. If Physician Leader is needed, initiate an RRT.

For urgent (< 5 mins) blood product release in patients that are not at risk for exsanguination or in whom, less than 4 units of PRBCs are required, please call the Blood Bank (Ext 5172) for Emergency Uncrossmatched Type O Packed Red Blood Cells

Code Crimson is initiated through Perfect Serve. The following information should be provided:

- Code Crimson
- Patient First and Last Name, Location, Age, and Gender
- Medical Record Number (if available)
- Responsible physician or LIP leader of the Code Crimson
- Status of initial blood sample for type and crossmatch
- Suspected diagnosis/cause of bleeding

The Code Crimson alert will trigger the Laboratory/Blood Bank to begin processing a Transfusion Pack immediately. A Transfusion Pack includes:

- 4 units of Packed Red Blood Cells (PRBCs)
 - 4 regular size units of fresh frozen plasma (FFP)
 - 1 bag of plateletpheresis
- 1 pooled Cryo will be included with every other pack

Blood and Product Ratios recommended

- 4 Units PRBCs
- 4 Regular FFP (or 2 Jumbo)
- 1 Unit platelets
- 1 Cryo per 8 Units PRBCs

Cryo is indicated when DIC is suspected or massive transfusion with dilutional coagulopathy

Reference; SJMC Policy: Code Crimson Protocol