

### CRITICAL VALUES –HOSPITAL BLOOD BANK/TRANSFUSION SERVICES

Critical values within the Hospital Transfusion Service and Tissue Service are defined within the individual protocols. These values relate to the availability of blood products and tissue products. If requested products are unavailable due to the presence of multiple antibodies, lack of availability from the supplier, etc., the Medical Director or designee of the department and the patient's physician or alternative caregiver shall be notified as appropriate.

- 1) Emergency release:
  - Incompatible crossmatch discovered from any product that was released emergently
  - Product that did not meet special requirements (i.e., irradiation)
- 2) Transfusion Reaction Investigation Critical Results:
  - Acute hemolysis
  - Blood group discrepancy
  - Incompatible red cells
  - Positive Gram stain or culture of blood component
- 3) Suspected hemolytic disease of the newborn due to unexpected alloantibody(ies) identified in eluate studies.