### H8. Blood Products

**Class and Action:** Blood; primary fluid of circulatory system, transport oxygen and nutrients

**Indications:** Hypovolemic/hemorrhagic Shock

**Contraindications:** Non-checked blood from an approved facility, transfusion reactions

**Side Effects:** Volume overload, transfusion reaction (fever, rash, dyspnea, anxiety, itching, chills, dysrhythmia, JVD, and shock)

**Drug Interactions:** Blood can only be administered with NS0.9%, no other drugs can be given with blood.

**Onset, Duration, and Routes:** Onset is immediate, duration is not applicable. Routes are IV or IO

**Adult Dose:**
- Patient Specific

**Pediatric Dose:**
- Patient Specific

**WDM EMS Protocols:**

**Special Considerations:**
- Watch for transfusion reactions closely and to flush IV lines after infusion is complete.

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Date of Most Recent Update: 6/2020