



Blood Product Administration

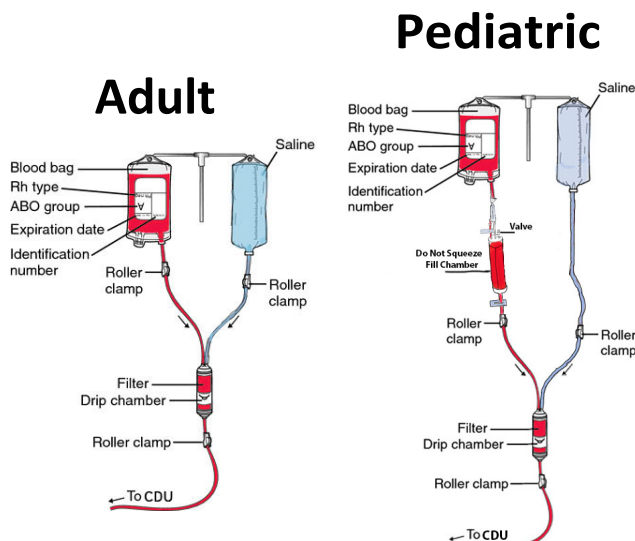
Paramedic

PROCEDURE

Assure patient meets Prehospital Blood Initiation (PHBI) criteria with no contraindications

- ❑ If possible, confirm **verbal consent** for blood transfusion with patient:
 - Sir/Ma'am, you meet criteria for blood product administration because we believe you are having severe bleeding. Treatment includes giving you blood products through your vein per our physician-developed guideline. The benefits of blood products are to mitigate bleeding and potentially prevent death before we get to the hospital. The risks of transfusion include irritation or infection at the needle site or in your body, fevers or skin rash, and other more rare complications with your heart or lungs. There is the risk of transmission of infection but it is extremely rare. Alternative options include IV fluids or no treatment at all; however, you are critically ill and not providing blood could result in severe complications or death. Our physicians believe benefits of blood products outweigh risks, and we would like your verbal consent to proceed.
- ❑ Establish **largest bore IV** as proximal as possible **OR humerus IO** access
 - Blood IV/IO line is now dedicated solely to receive blood products until infusion is complete and line flushed.
- ❑ **Inspect** blood product for clots, clumps, integrity of seals; if suspicious utilize alternate blood product unit.
- ❑ Perform **MACC**; confirm blood product number on unit label matches tag# **and** product is not expired.
- ❑ If available, **set up QinFlow** Warrior Lite Fluid Warmer With Compact Disposable Unit (CDU)
- ❑ Adults: Insert blood tubing **spike** into blood product (use Y-tubing with 170-260 Micron filter)
 - **Pediatric patients <40kg: see 'Buretrol' Skill Sheet for blood administration steps**
- ❑ **Connect distal end** of blood tubing to inlet connector of QinFlow Warmer Compact Disposable Unit (CDU)
- ❑ **Prime** tubing with blood
- ❑ **Close** the normal saline connection port
- ❑ Place blood product into a **pressure bag** (adults only)
- ❑ **Connect outlet tube** on Warmer CDU to patient IV/IO catheter (allow warmer to rest on patient or stretcher)
- ❑ **Open the blood product** connection port and infuse the blood product as rapidly as possible
- ❑ **Monitor** patient continuously for complications throughout infusion; treat per PHBI PG
- ❑ When infusion is complete, **assess** patient for second unit of blood per PHBI PG
- ❑ Completion of **patient care**
 - Perform usual transfer of care informing receiving team of quantity and type of blood product administered
 - Complete blood product documentation in ePCR and OPIQ
 - Dispose of blood product bag and Y tubing in appropriate receptacle
 - Follow QinFlow Warmer reset procedures
 - Resupply blood products as needed per 'Blood Restocking' procedures

REFERENCE GRAPHICS



KEY POINTS

- Document complete vital signs (including temperature if available) before transfusion and Q5 mins throughout EMS care
- Patients initially in cardiac arrest only receive **second** unit of blood **IF** ROSC occurs **AND** inclusion criteria remain met

See Page 2 for Full-Page Blood Administration Graphics

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REFERENCE GRAPHICS

Pediatric

Adult

