

RESCUE LINE FOR CRRT

A rescue line of 0.9% NaCl is added between the access limb of the catheter (usually red) and the red access tubing of the CRRT Circuit. The rescue line always stays with the red Access tubing if lines are reversed. Never connect a rescue line or stopcock to the blue return tubing.

Connect the rescue line using a Y connector as shown below.

SUPPLIES

1. 1 L bag of 0.9% normal saline
2. 1 regular IV tubing set (longer tubing works best)
3. 1 Y connector with a blue and red clamp (single male end with 2 female ends; stocked on CRRT cart)
4. Primed CRRT circuit

PREPARING RESCUE LINE

1. Prime IV tubing and connect to the Y connector limb with the dark blue clamp
2. Prime all 3 limbs of the Y connector
3. Connect Y connector limb with red cap between the patient catheter and red access tubing

During therapy: Access limb and access tubing open, saline line clamped

During flushing: Access limb clamped, access tubing open and saline open. You can simultaneously clamp the access limb and open the saline for rapid flushing. **LEAVE THE ROLLER AND SLIDE CLAMP OF SALINE IV OPEN** – control the saline line by the dark blue clamp for rapid operation.

Calculate volume by time and blood flow rate (e.g., 15 seconds at 300 ml/min = 75 ml). Add saline flush volume to the intake side of the fluid balance record (except at startup and retransfusion).

Retransfusion: The entire circuit contains 217 ml. If time permits, reduce blood flow to 220 ml and retransfuse for exactly 1 minute. This will return blood without excess fluid administration.

