

CRRT Practice Calculations Scenarios

1. Patient Information

- a. Intake from Pediatric Critical Care Flowsheet – 466 mL
 - i. 5% Albumin fluid bolus – 250 mL (included in the 466 mL)
- b. Output from Pediatric Critical Care Flowsheet – 110 mL
- c. Fluid Balance Order – 0 mL/hour

2. Patient Information

- a. Intake from Pediatric Critical Care Flowsheet – 354 mL
 - i. PRBC (for hct) – 50 mL (included in the 354 mL)
- b. Output from Pediatric Critical Care Flowsheet – 0 mL
- c. Fluid Balance Order – Net Loss 20 mL/hour

3. Patient Information

- a. Intake from Pediatric Critical Care Flowsheet – 350 mL
- b. Output from Pediatric Critical Care Flowsheet – 390 mL (Chest tubes)
- c. Fluid Balance Order – Net Gain 50 mL/hour

CRRT Prescription Scenarios

1. CRRT Orders are as follows:
 - a. Blood Flow Rate 150 mL/minute
 - b. Dialysate Rate 2000 mL/hour
 - c. Replacement Rate 100 mL/hour (infusing post)

2. CRRT orders are changed at 0600 to the following:
 - a. Dialysate Rate 2500 mL/hour
 - b. Replacement Rate 500 mL/hour (infusing pre)

3. CRRT Orders as follows
 - a. Blood Flow Rate 75 mL/minute
 - b. Dialysate 750 mL/hour
 - c. Replacement Rate 200 mL/hour (infusing pre)
 - d. Replacement Rate 100 mL/hour (infusing post)

4. CRRT Orders as follows:
 - a. Blood Flow Rate 100 mL/minute
 - b. Dialysate 4000 mL/hour
 - c. Replacement Rate 400 mL/hour (infusing post)