

PROCEDURE FOR: Autotransfusion (ATS): Continuous System

POLICY: Blood will only be reinfused when it has been demonstrated that the patient can benefit from the volume.

EQUIPMENT: Microaggregate filter
Chest tube collection system
Infusion pump and tubing
250 ml bag .9 NS

DOCUMENTATION: Document autotransfusion as "ATS" under "Intake" record of ICU flowsheet.

PROCEDURE:

- | <u>ACTION</u> | <u>POINTS OF EMPHASIS</u> |
|---|---|
| 1. Prime microaggregate filter and tubing with .9 NS; evacuate all air from filter and line. | |
| 2. Clamp IV tubing and remove bag of .9 NS. | |
| 3. Attach microaggregate spike to chest tube collection system "ATS" tubing, at bottom back of collection chamber. | 3. Make sure the tip of the collection system tubing gets perforated by the spike. |
| 4. If needed, depress the High Negativity Relief valve on the top of the collection system until the water-seal fluid column is at the desired level. | |
| 5. Make sure the infusion line is now filled with blood and contains no air. Attach to patient's IV line. | 5. Make sure all connections are secure. |
| 6. Set infusion rate at desired rate. | 6. This rate will be adjusted as needed, based on amount and quality of drainage, and on the patient's clinical presentation. |

APPROVAL: Intensive Care Unit Standards Committee
Nursing Standards Committee

EFFECTIVE

DATE: 1/95

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REVISION

DATES: 5/97, 6/97, 3/00, 10/03