

Section: Division of Nursing
Approval: _____

PROCEDURE

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HACKETTSTOWN REGIONAL MEDICAL CENTER

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OR
(Scope)

TITLE: CELL SAVER: COLLECTION SET-UP FOR AUTOLOGOUS BLOOD TRANSFUSION IN A SURGICAL SETTING

PURPOSE: To outline procedure to collect the surgical patient's blood in the event that they will need whole blood intra-operatively.

- CONTENT: PROCEDURE:**
1. Notify New York Blood Center, 1-800-235-5728, for cell saver services.
 2. Obtain Heparin 30,000 U in 1,000 cc of IV Normal Saline from pharmacy during the hours of 8am to 8pm. During the hours of 8pm to 8am, obtain Heparin 30,000 U from the Pyxis or call the Nursing Supervisor for assistance.
 3. Obtain reservoir bag (ref. #205) and hand it from an IV pole.
 4. Connect suction to the yellow port, using sterile suction tubing. Turn suction on and maintain suction strength at 150 mmHG at all times, as higher suction levels may damage cells.
 5. Obtain and deliver to the sterile field, using aseptic technique, the aspiration/anticoagulation set (ref. #208).
 6. Using aseptic technique (the scrub nurse will), pass the end with the blue cap and spike off the sterile field (to the circulating nurse).
 7. Attach the end with the blue capped line and spike from the sterile to the blue port on the reservoir bag and spike the IV Heparin solution.
 8. Prime the filter of the reservoir with approximately 200 cc of the Heparin solution and then regulate it to one drop per second.
 9. Document the start time of collection under "comments" in the Operative Record. Anticoagulated blood may be stored for 6 hours before it must be disposed of.

References: New York Book Center, 1-800-235-5728