PROCEDURE MANUAL: HEMATOLOGY

SUBJECT: Bone Marrow Biopsy and Aspiration

Procedure:

1. **For in-patients:** Schedule the bone marrow biopsy and/or aspiration with the Hematology Department (ext. 5-5806). Bone marrows must be scheduled to be performed between 8:00 a.m. and 3:00 p.m., Monday through Friday.

   **For outpatients:** Bone marrows must be scheduled through Outpatient Scheduling (ext. 5-2382) to insure room availability.

   A maximum of 3 bone marrows per day may be scheduled. Bone marrows scheduled after 3 p.m. on weekdays, or at any time on weekends will have to be performed without a Hematology tech to assist in making smears. The physician performing the procedure should collect the aspirate specimen in an EDTA tube and 2 sodium heparin tubes and deliver it to the laboratory. Smears will be made by laboratory personnel.

   Flow cytometry and/or chromosome studies may be ordered if indicated.

   The biopsy should be submitted in formalin. A Bone Marrow Clinical Indications form and a Hematopathology Ancillary Test Request form should be completed and signed by the requesting physician.

2. Have the patient or relative in charge sign a consent form for bone marrow biopsy and/or aspiration.

3. Ascertain whether the patient needs to be premedicated. If so, the attending physician can write an order for the medication.

4. Request a bone marrow aspiration/biopsy tray from S.P.D. (Supply Processing and Distribution) in advance of the procedure.

5. In general, a nurse will be needed to assist the Pathologist or other physician in the procedure.

Results:

The hematology technologist if available will assist the physician in preparing the slides from the bone marrow aspiration. The aspiration and biopsy will be reviewed by a Pathologist and the results reported by the Pathology Department.