

Bone Marrow Aspirate and Biopsy Procedure

Name of the Fellow:

Successfully completed a bone marrow biopsy simulation course?

YES NO N/A

I. Procedure Preparation:

- List indications.
- Check labs, medications (including anticoagulants), and allergies.
- Determine type of sedation.
- Verify written consent.
- Order appropriate tests.
- Gather appropriate supplies.

II. Before Procedure:

- Verify correct patient and perform time out.
- Verify position and landmarks.
- Observe sterile technique.

III. Bone Marrow Aspirate/Biopsy

- Adequately numbs patient with lidocaine (local and at periosteum).
- Insert aspirate and/or biopsy needle perpendicular to skin with steady and straight insertion pressure.
- Bone marrow aspirate withdrawn in sufficient quantity in proper collection tubes. Spicules verified with first aspirate.
- Adequate bone marrow biopsy sample obtained.
- Able to troubleshoot as needed.
- Pressure applied to achieve initial hemostasis.
- Bandage applied to insertion site.

Competency per Milestones 2.0

- Level 1- Consistently completes all of I independently, and completes II and III with assistance
- Level 2- Consistently completes all of I and II independently, but regularly needs some assistance with III or completed the bone marrow biopsy simulation course
- Level 3- Consistently completes all of I and II independently, but occasionally needs some assistance with III
- Level 4- Consistently completes all of I, II and III independently
- Level 5- Consistently completes all of I, II and III independently and performed > 20 procedures

Patient Care 5: Competence in Procedures:

- Performance of Bone Marrow Biopsies and Aspirations
- Assessment and Interpretation of Complete Blood Count
- Interpretation of Peripheral Blood Smears
- Use of Systemic Therapies through all Therapeutic Routes

Level 1	Level 2	Level 3	Level 4	Level 5
Discusses the indications for and assists with all required procedures	Performs all required procedures, with direct supervision	Competently performs all required procedures, with indirect supervision	Proficiently and independently performs all required procedures	Serves as an expert for all required procedures and their complications
Discusses potential procedural complications	Recognizes complications of procedures and enlists help	Manages complications of procedures, with supervision	Anticipates and independently manages complications of procedures	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				
Not Yet Completed Level 1 <input type="checkbox"/> Not Yet Assessable <input type="checkbox"/>				