Ultrasound Guided Core Breast Biopsy Competecy Bases Procedure Assessment

1. **Faculty/ Staff completing evaluation\*:**
2. **Date\*:**
3. **Accession number\*:**
4. **Indication/Informed Consent\*:**

* **Novice:** Not sure of the patient’s history, context of the procedure, or has knowledge gaps in procedure contraindications or potential complications
* **Competent:** Understands the general indications, contraindications, potential complications, and clinical value of procedure; able to explain to patient
* **Expert:** Clearly articulates the clinical value, potential complications, and alternatives to patient; able to accurately answer all patient questions to obtain informed consent

1. Knowledge of Specific Procedure\*:

* **Novice:** Deficient knowledge; unable to articulate procedure steps
* **Competent:** Able to articulate all important steps of procedure
* **Expert:** Demonstrates familiarity with all aspects of procedure

1. **Procedure Setup\*:**

* **Novice:** Does not gather required supplies, poor patient positioning, poor sterile technique, or does not properly identify landmarks
* **Competent:** Gathers key instruments and supplies; properly positions patient; identifies landmarks; maintains sterile technique
* **Expert:** Anticipates supplies needed for unexpected complications; ergonomic setup of all instruments and supplies

1. **Local Anesthesia\*:**

* **Novice:** Requires guidance to provide adequate anesthesia, or target lesion obscured by anesthetic administration
* **Competent:** Adequate anesthesia achieved without guidance
* **Expert:** Smooth, efficient, and effective anesthetic administration without guidance or any obscuration of target

1. **Needle Positioning\*:**

* **Novice:** Does not draw air into syringe prior to insertion, corrections needed to position needle to target, or insufficient sampling technique
* **Competent:** Draws air into syringe prior to insertion; independently positions and directs

needle to target; adequate sampling technique using several passes into lesion from multiple directions

* **Expert:** Easily and independently positions and directs needle to target lesion with adequate but efficient sampling

1. **Procedure Flow and Efficiency\*:**

* **Novice:** Frequently stops procedure and seems unsure of next move; many unnecessary moves
* **Competent:** Demonstrates some forward planning with reasonable progression of

procedure; efficient time/motion but some unnecessary move

* **Expert:** Obviously plans course of procedure with effortless flow from one move to

the next; clear economy of movement and maximum efficiency

1. **Ultrasound\*:**

* **Novice:** Unsure of orientation and alignment of transducer, how to optimize image, or difficulty identifying key structures
* **Competent:** Properly orients and scans with the transducer to acquire images needed; identifies key structures
* **Expert:** Rapidly acquires optimal images (gain, depth, etc.) to visualize and guide needle to target lesion

1. **Specimen Handling\*:**

* **Novice:** Loses specimen within syringe, or unsure of where to place specimen
* **Competent:** Places specimen into proper collection container or medium
* **Expert:** Precise and directed specimen handling

1. **Management of Complications\*: [ ] Not Applicable**

* **Novice:** Does not recognize or appropriately address developing complication, or does not appropriately halt procedure with failed attempts
* **Competent:** Recognizes and appropriately addresses developing complication; halts the procedure appropriately
* **Expert:** Immediately recognizes developing complication; manages with precise direction and without hesitation

1. Overall, on this task did the trainee demonstrate competency to perform this procedure “independently” \*?

* Yes
* No

1. Things to continue doing…
2. Things to work on…
3. Comments