

## FNA BIOPSY- DR. KAMLITZ



### SUPPLIES:

- Superfrost Plus Charged Microscope slides (Lawson 6117886)
- Chemical Resistant Slide Marker (Fisher Healthcare 22-026-700)
- Surgipath Cytology Fixative
- CytoLyt Solution 30mL prefilled (Lawson 6325938)
- Slide Holders
- Sterile gloves size 6
- Clean gloves size small
- Sterile 4x4's
- Sterile field
- Sterile towels
- Sterile ultrasound probe cover
- 5mL syringes (5 per site)
- 10mL syringe for lido
- Lido1% with epi
- Slides (10 per site)
- CytoLyt (1 per site)
- Plastic slide container (2 for each site-5 slides per)
- 18G fill needle
- 25G 1 ½ in needle (5 per site + 1 for lido)
- Chloraprep- do not put on sterile tray
- Spot Bandaïd

Will need to coordinate to make sure ultrasound is available.

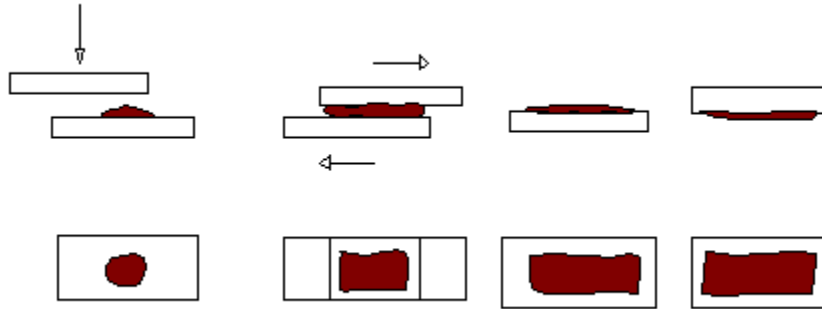
Order ULTR0017 US localization or guidance.

Signed patient consent. May have completed prior in clinic at consult.

### WORKFLOW:

1. Gather supplies
2. Label slides using a chemical resistance marker with the patients last name, DOB, and anatomic site. Will need 2 slides per pass. Mark the slide with an F for fixative. Mark the # of pass (1-5) on both the fixed and air dry slides.
  - a. Do not use a pencil as lead can float and obscure cellular detail
  - b. If full name wont fit, put last name and first initial
  - c. Include laterality with the anatomic site (ex. L thyroid)
  - d. Slides to be labeled prior to specimen collection. Do Not attempt to label wet slides as that will wash off during transport
3. Print patient stickers. Place one sticker on each CytoLyt container and each slide holder.
4. Label CytoLyt container with 2 patient identifiers, anatomic sure, and date/time of collection.
5. Set up 2 separate areas to prep the slides. One for dry slides and 1 to spray fixative. Make sure the areas are far enough apart to prevent cross contamination of samples or fixative.
6. Using sterile technique place 25G 1 ½in needles on 5mL syringes (5 per site). Using fill needle draw up 10mL of lido 1% with epi. Replace needle with 25G 1 ½ in needle. Place sterile 4x4's and sterile towels on tray.
7. Collect and prepare slides

- a. Expel a pea-sized amount of specimen near the center of the unfrosted area on slide slightly closer to the frosted edge.
- b. Using the pull apart technique, evenly disperse the sample across the slide



- c. Immediately spray one slide with fixative and allow the other to air dry.
  - d. Let both slides dry for 10-15 minutes before placing in slide container.
  - e. Rinse the needle and the syringe by aspirating and rinsing in the CytoLyt container. Continue for each pass from the same site. All passes from the same site can be rinsed in the same CytoLyt container.
8. Prepare specimen for transport
    - a. Transfer alcohol-fixed slides to a properly labeled alcohol filled slides transport vial and ensure the lid is sealed.
      - i. Do not combine slides from separate anatomic sites into one transport into one transport vial and ensure lid is sealed.
    - b. Place all air dried slides into a dry plastic slide holder.
    - c. Ensure CytoLyt container is properly sealed.
    - d. Place all materials collected into a biohazard bag.
  9. Enter pathology order PATH 1001- Fine Needle Aspiration. Only one order is necessary for multiple sites.
  10. Bring samples and printed order requisition to lab to log for transport.