

Supplies Needed:

- Microscope slide
- Q-tip with patient sample
- Clothes pin
- Lighter or hair dryer
- Distilled water
- Stain (red, purple, blue)

Making Ear Cytology Slide:

- 1) Take a q-tip with a patient sample and press lightly while rotating q-tip to create a straight line across the glass microscope slide. If you press too hard or apply too much sample it will be hard to read under the microscope.
- 2) Use a lighter or hair dryer to set the sample on slide. When using a lighter, quickly pass over the slide 2-3 times. Do not fixate the flame directly on the slide or it will weaken the glass and make it break. It also can ruin the sample.
- 3) Write the patient's first and last name on the frosted part of the microscope slide.
- 4) Use clothes pin to grasp microscope slide when dipping into stain
- 5) First dip 10 times into the blue stain, next repeat for the red and finally the purple stains. You can also let the slide sit in each stain for 15-20 seconds if you do not want to follow the dipping method. PUT LIDS ON STAINS RIGHT AFTER YOU DIP SLIDE.
- 6) Once purple stain is complete you can bring the slide out of the stain and let excess drip off into the purple stain
- 7) Grab the distilled water. Rinse the excess stain by rinsing the back of the slide. You can determine which side is the back by the patient name labeled in sharpie and/or the frosted glass. Both the frosted glass and patient's name should be on the front.
- 8) Let excess distilled water drip off. To dry off the rest of the slide you can use the bibulous paper and lightly press on the slide or you can use the hair dryer to dry the slide instead.