HOW TO PREPARE SLIDES FOR MICROSCOPIC VIEWING OF LIVE BLOOD OVER TIME

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EQUIPMENT:
- MICROSCOPE EQUIPPED WITH OIL DARKFIELD CONDENSER
- 90-100x OIL OBJECTIVE WITH ADJUSTABLE IRIS
- MICROSCOPE IMMERSION OIL
- MICROSCOPE SLIDES
- MICROSCOPE COVERSLEIPS
- ALCOHOL 70% or HIGHER
- VASELINE
- COTTON SWAB
- DIABETIC LANCET

PREPARATION:
- Wash Hands
- Clean slide and coverslip with alcohol
- Clean any area slide will touch before prepped with alcohol

PROCEDURE:
- Take cotton swab and dip it into Vaseline
- Take cleaned coverslip and apply Vaseline with cotton swab on all four edges about 1 to 2 mm wide
- Open diabetic lancet and apply alcohol to the needle
- Apply alcohol to the area you intend to puncture with lancet (finger is ok but ear lobe is better)
- Puncture the skin and collect a very tiny drop of blood (<--- about that size and quickly touch the center of the slide to the drop of blood
- Quickly place Vaseline prepped coverslip on the drop of blood and press very slightly to ensure seal and spread the drop of blood out a bit and or slide the coverslip back and fourth just a bit to get the blood thinned and spread out. The thinned blood should look slightly tan to pink in color.

GETTING THE SLIDE SETUP ON THE MICROSCOPE:
- Turn microscope illuminator on
- Place a drop of microscope immersion oil on the dark field condenser
- Place slide on microscope
- Rack the microscope substage up until the drop of oil on the dark field condenser touches the bottom of the prepped slide you will see the light get more intense
- Move the axis controls a bit to get rid of any air bubbles
- Put a drop of immersion oil on the top of the prepared slide
- Rack the stage up until the slide touches the objective

VIEWING THE PREPPED SLIDE:
- Wait about 12 hours before viewing
- Best viewing is between 12 to 36 hours

NOTE TO PEOPLE ON THE MARSHALL PROTOCOL:
- Do not look directly into the eyepieces without NOIR’s on
- Do not get immersion oil on your NOIR’s it will delaminate them