

Microscope Handling and Maintenance Procedure

Before Use:

- Clean Hands: Wash and dry your hands to prevent transferring dirt or oil to the microscope.
- Transport Carefully: Carry the microscope with both hands: one on the arm and one supporting the base.
- Check Placement: Place it on a flat, stable surface away from edges or direct sunlight.
- Inspect the Microscope: Ensure lenses, stage, and light source are clean and intact. Use lens paper for cleaning.
- Setup: Plug in the light source if applicable and adjust brightness as needed.
- Start with Low Power: Begin with the lowest magnification (e.g., 4x or 10x). Secure the slide on the stage.

After Use:

- Turn Off Light Source: Switch off and unplug the microscope.
- Lower the Stage: Use the coarse adjustment knob to lower the stage completely.
- Rotate to Lowest Objective: Return to the lowest power objective lens.
- Remove Slide: Take out and clean the slide if reusable, then store it properly.
- Clean Lenses: Gently wipe lenses with lens paper.
- Cover and Store: Use a dust cover and place the microscope in a clean, dry location.
- Report Issues: Inform the supervisor of any problems or damage.