



Microscope and stain station – daily maintenance protocol

Before using:

- Turn on and turn light up to desired brightness.
- Set focus and eyepiece distance – wipe with lens tissue if dusty. (NB: ONLY use registered lens tissue.)
- Adjust stool height for ergonomic viewing.
- Ensure stage is clean.
- Set preferred condenser height and aperture.

After using:

- Ensure no oil on 40 x or 100x lens - clean if necessary using lens tissue +/- alcohol-based lens cleaner.
- Remove slide and ensure stage is clean.
- Turn down light and turn off microscope.

Daily maintenance – end of day:

- Clean all lenses with cotton bud and de-ionised water or alcohol-based lens cleaner.
- Use lens tissue to wipe over stage, condenser, and eye pieces to remove any dust and debris.
- Turn light down.
- Turn off microscope and place microscope cover.
- Ensure all microscope slides and coverslips are covered and that all materials required for sample preparation and staining are present at the staining station.
 - Pencils
 - Slides
 - Coverslips
 - Immersion oil (NB: Use the same brand to ensure best image quality – never mix two different brands.)
 - Pippettes
 - Forceps/ pegs/ slide holders
 - Gloves
 - All stains filled to appropriate level and lids in place
 - Next date stains due to be changed: _____