

Photomicroscopy using Leica Microscope

1. Turn on Leica microscope (green switch, bottom right).
2. Load a slide.
3. Adjust lens, focus, filter, amount of light, etc.
*if using 10X lens, match the white line on filter to the yellow stripes; if use 40X lens, match the white line on filter to the blue stripes; if use 100X lens, match the white line on filter to the white stripes.
4. After adjustment and find a good view under the microscope, double click “INFINITY ANALYZE” icon on computer desktop.
5. Under “Capture Control”, click “White Balance” or “Area WB” if needed.
6. Under “Camera Control”, click “Continuous Auto Exposure” to view the image on computer.
7. Change “Average Intensity” to adjust amount of light. For the best resolution of a photo, turn the light intensity to the maximum on the microscope.
8. Do not change “Gain”, leave it as “1”.
9. Keep “Gamma” as “1”.
10. If you need to make a measurement on the image, click “Measure” on tool bar, then click “Point to Point”. After a cross was shown on the screen, move it to where you want to make the measurement, click it then drag the cross to the end point, then click it again, and then the measurement will be shown on the image.
11. Always remember to click “Adjust” then “Magnification & Units” to change magnification (ex. 10X, 40X or 100X) for your measurement.
12. After making all the adjustments, click “File” and “Save” to save your image.