



Microscope & Wet Mount Training Class Agenda



Day 1 – Brightfield Microscopy

8:30 AM Class Begins Promptly

Opening and Introductions

Review Exercise: 'CLIA and the ACHDLS'
(completed at home)

Lecture: Parts of Microscope

Break

Lecture: Microscope PowerPoint

Lunch (on your own)

Exercise: Microscope Parts then review

Exercise: Premade Slides then review

Exercise: Create a Wet Mount Slide (cheek)

Exercise: Nikon Eclipse and TCapture

Break

Exercise: Cleaning the Microscope

~4:30 PM Adjourn

MICROSCOPE CLASS OBJECTIVES

- Importance of CLIA and the role of ACHDLS in ADPH.
- Proper setup for brightfield microscopy.
- Proper manipulation of objectives, eyepieces and condensers.
- Focus of 10X and 40X objectives.
- Attaching the Nikon Eclipse to a computer.
- Proper Wet Mount slide preparation.
- Proper cleaning, transport and storage of the microscope.

Day 2 – Wet Mount

8:30 AM Class Begins Promptly

Lecture: Wet Mount PowerPoint

Break

Exercise: Cellular ID (preserved specimens)

Lunch (on your own)

Exercise: Cellular ID (preserved, cont.)

Exercise: Result Documentation

Exercise: Example Slide Identification

Exercise: Example Tests

Review: PT examples

Break

Program Evaluation Sheets

Assessment: Microscope Maintenance (4)

Assessment: Documentation of
Maintenance (3)

~4:30 PM Adjourn

WET MOUNT CLASS OBJECTIVES

- Determine normal and abnormal vaginal conditions.
- Recognize and identify the most common etiologies of infectious vaginitis.
- Examination and identification of pertinent cellular elements.
- Correct reporting of wet mount elements in the EHR and on paper CHRs.

Day 3 – Assessment

8:30 AM Class Begins Promptly

Review: Cellular ID

Assessment: Method Performance (1)

Assessment: Recording/Reporting of
Results (2)

Assessment: Cellular Identification (5)

Assessment: Problem Solving Skills (6)

Adjourn by 12:00 PM

*Please understand that regardless of your assessment scores, competency to perform any laboratory procedure is dependent on your dedication to remain current with hands on experience.