Microscope & Wet Mount

CLASS SCHEDULE
Day 1 – Brightfield Microscopy

8:30 AM Class Begins Promptly

Morning Session:
Opening and Introductions
Pre-Test and Review
Parts of Microscope Breakdown
Break
Microscope Power Point Lecture
Koehler Illumination
Lunch
Afternoon Session:
Koehler Illumination continued
Basic Microscope Exercises and Review
Break
Cleaning of Microscope
Program Evaluation Sheets
~4:00-4:30 PM Adjourn

MICROSCOPE CLASS OBJECTIVES

• Understand the microscope setup for brightfield microscopy.
• Manipulation of objectives, eyepieces and condensers.
• Understand and perform Koehler illumination.
• Focus of 10X and 40X objectives.
• Proper cleaning, transport and storage of the microscope.
• *Understand that being competent to perform any microscope procedure is dependent on your dedication to remain current with hands on experience.

CLASS SCHEDULE
Day 2 – Wet Mount

8:30 AM Class Begins Promptly

Morning Session:
Koehler Illumination Procedure with Grading
Wet Mount Power Point Lecture
Break
Mucolex specimen practice & cellular identification
Lunch
Afternoon Session:
Example slide identification with microscope camera
Example Tests and PT examples - Review
Break
Program Evaluation Sheets
Cleaning of Microscope
Grading of Microscope Cleanliness
Competency Exam
Break (while grading)
Review of Exam
~4:00-4:30 PM Adjourn

WET MOUNT CLASS OBJECTIVES

• Determine normal and abnormal vaginal conditions.
• Recognize the three most common etiologies of infectious vaginitis and identify each.
• Examination and identification of pertinent cellular elements.
• Correct reporting and documentation of wet mount elements.