

Continuing Education - WetLabs

Phoenix Lab is again offering Continuing Education opportunities for Veterinarians, Technicians and Assistants. We are happy to provide our **Spring 2017 Schedule**.

▪ **Saturday, January 28, 2017: Hematology 1 WetLab - 1:00 to 4:00 pm at Phoenix Lab**

Basic overview to hematology including sample collection, slide preparation, staining techniques, systematic smear evaluation, and basic cell identification. Attendees review two unknown hematology cases: a normal dog or cat, and a patient with a significant abnormality seen on slide review but not detected by analyzer. The goal of this WetLab is to familiarize attendees with slide review to include scan of the feathered edge at 10x, 100 cell differential and assessment of RBC and WBC morphology in the monolayer area at 40x, and platelet count estimate at 100x oil. The emphasis is on canine and feline hematology although some information is provided on equine and bovine hematology.

▪ **Sunday, January 29, 2017: Hematology 2 WetLab - 1:00 to 4:00 pm at Phoenix Lab**

This course builds on the basic knowledge of the normal CBC reviewed in Hematology I. After a brief review of systematic smear evaluation and basic cell ID, abnormal RBC and WBC morphology and platelet estimate and thrombocytopenia will be discussed. Attendees will review CBC slides and corresponding case histories from 15 unique cases demonstrating principles discussed in lecture. Four cases will be unknowns and attendees will perform a slide review with 100 cell differential and morphology assessment. The goal of this WetLab is to familiarize attendees with RBC poikilocytosis including spherocytes, acanthocytes, schistocytes and eccentrocytes; neutrophil toxic change and bands, stimulated and atypical lymphocytes, eosinophilia and basophilia; platelet clumping and slide estimation. The emphasis is on canine and feline hematology although some information is provided on equine and bovine hematology. Hematology I or the equivalent required for Hematology II.

▪ **Sunday, February 26, 2017: Urinalysis WetLab - 1:00 to 4:00 pm at Phoenix Lab**

This excellent review covers the gamut from sample collection to sediment evaluation. It is designed for the clinic doing in-house urinalysis, but is also beneficial for those using the reference laboratory. Topics include the four basic parts of the urinalysis, sample collection and handling, sediment preparation, examination and clinical significance. The additional topics of indications and sample preparation for urine cytology, and additional diagnostic testing including the urine protein:creatinine and cortisol:creatinine ratios will be addressed. Freshly-made urine sediment preparations are examined in the laboratory.

▪ **Sunday, March 26, 2017: Parasitology WetLab - 1:00 to 4:00 pm at Phoenix Lab**

This WetLab is designed for the clinic doing its own in-house fecal exams, but the information is important for every clinic stressing fecal examination as an important element of ensuring pet wellness. Topics include sample collection and preparation, direct smear evaluation, flotation techniques, fecal centrifugation, parasite identification and clinical significance, pseudoparasites and artifacts, and additional specialized testing. Freshly-made fecal preparations are evaluated by attendees.

▪ **Sunday, May 21, 2017: Cytology WetLab - 1:00 to 4:00 pm at Phoenix Lab**

This *new* WetLab is designed to help maximize the diagnostic yield of the most commonly aspirated cytology samples in general practice, such as cutaneous and subcutaneous masses, cavitory effusions, and lymph nodes. We will review how to collect, prepare, and transport cytology samples to get the most out of your aspirates and to maximize the likelihood of a diagnostic sample. At the end of the session, we will turn to the microscope to review a few common lesions and how to approach cavitory effusions on an emergency basis (i.e. overnight or on weekends, when pathologists aren't readily available). **Cytology WetLab is for Veterinarians only.**

CE classes fill-up quickly, therefore we encourage you to sign up early. Each attendee will receive three hours of CE credit. Cost for each WetLab is \$50.00. To sign-up for a class, please contact the Marketing Department at 425-355-5252 or 800-347-0043, or e-mail at labnews@pclv.net.