



**Preliminary Program Schedule**  
**CLINICAL PATHOLOGY 101: MAGNIFY YOUR DIAGNOSTIC AND  
INTERNAL MEDICINE SKILLS**

**July 11-12, 2020**

**10 hours CE**

**Rick Alleman, DVM, PhD, DACVP, DABVP**

**Guillermo Couto, DVM, DACVIM (Oncology and Internal Medicine)**

**SATURDAY**

|                |   |
|----------------|---|
| 7-8:15 AM      | Registration/Breakfast  |
| 8:15-8:30 AM   | Welcome   |
| 8:30-10 AM     | <p><b>How to Squeeze Information Out of the CBC (Drs. Alleman &amp; Couto, 1.5 hours)</b><br/><b>Description:</b> This session will provide a practical approach to CBC interpretation using clinical cases to illustrate different aspects.<br/><b>Objectives:</b> To review interpretation of red blood cell, white blood cell, and platelet parameters and discuss their clinical relevance. The attendees will learn how to integrate all these parameters with the information derived from their patient. Case discussions will be used to illustrate clinically relevant abnormalities.</p>  |
| 10-10:30 AM    | Visit exhibitors/break  |
| 10:30 AM-12 PM | <p><b>Hematology Case Discussions (Drs. Alleman &amp; Couto, 1.5 hours)</b><br/><b>Description:</b> This session will provide a practical approach interpreting the complete blood count (CBC) using clinical cases to illustrate diagnostic and therapeutic approaches.<br/><b>Objectives:</b> 1: To be able classify anemias as regenerative, non-regenerative, or iron deficiency based on the numerical and graphic values of the CBC report. Different mechanisms of anemia (e.g.; blood loss, hemolysis, systemic disease, bone marrow disease) will be discussed using cases. 2: Review interpretation of white blood cell parameters and discuss their clinical relevance. We will emphasize how to interpret the leukogram in patients with a normal total white</p> |

count, but will also discuss leukopenia and leukocytosis. Case discussions will be used to illustrate clinically relevant abnormalities.

12-1:30 PM

Lunch/visit exhibitors

1:30-3 PM

Sponsor



**Biochemical Profiling: Case Discussions (Drs. Alleman & Couto, 1.5 hours)**

**Description:** This session will provide information regarding how to interpret the biochemical profile in an integrated fashion.

**Objectives:** To review the art of integrated interpretation of the biochemical profile. We will emphasize the importance of age, species and breed in formulating an interpretation as well as correlating clinical findings with laboratory results. Case discussions will be used to illustrate clinically relevant abnormalities.

3-3:30 PM

Visit exhibitors/break

3:30-5 PM

Sponsor



**The Importance of Urinalysis in Your Practice: Case Discussions (Drs. Alleman & Couto, 1.5 hours)**

**Description:** This session will emphasize the importance of performing an in-house urinalysis and introduce a novel technique for evaluation of urine sediment.

**Objectives:** To introduce a more practical method for evaluation of urine and urine sediment in your clinic and aid in the identification of clinically relevant formed elements found in urine. Case discussions will be used to illustrate clinically relevant abnormalities.

5-7 PM

**Evening Free Time – Reception Pending**

## SUNDAY

7-8:20 AM

Registration/Breakfast

8:20-8:30 AM

Announcements

8:30-10 AM

**Integrating CBC, Chemistry Profile, Cytology, and UA: Case Discussions (Drs. Alleman & Couto, 1.5 hours)**

**Description:** This session will use clinical cases to illustrate integration of patient derived information with results of CBC, cytology, chemistry profile, and urinalysis.

**Objectives:** To review how clinicians think when integrating information from their lab results and applying those results to their patient's clinical scenario. The attendees will learn how to integrate all these parameters with the information derived from their patient. Case discussions will be used to illustrate clinically relevant abnormalities.

10-10:15 AM

Break

10:15-11:45 AM

**The Use of Tissue Aspiration Cytology in Clinical Practice (Drs. Alleman & Couto, 1.5 hours)**

**Description:** This session will review the important techniques involved in sample collection, slide preparation and interpretation of tissue aspirates from various lesions in the body.

**Objectives:** To introduce techniques for proper sample collection and slide preparation and to provide a systematic approach for the interpretation of cytological findings from tissue masses. Case discussions will be used to illustrate clinically relevant abnormalities.

11:45 AM-12 PM

Break

12-1 PM

**Case Discussions: Immune-mediated or Vector-Borne Disease? (Drs. Alleman & Couto, 1 hour)**

**Description:** This session will review the difficulties associated with the differentiation between auto-immune diseases and immune-mediated diseases induced by vector-borne infections.

**Objectives:** To review the various ways vector-borne infections cause clinical disease and how they mimic immune-mediated / autoimmune disorders. Case discussions will be used to illustrate clinically relevant abnormalities.