



# Fall 2022 Online Continuing Education Program

**Sunday, October 2, 2022  
Livestream and On-Demand  
2-4 PM  
2 Continuing Education Hours  
with Dr. Andrew Hanzlicek, DVM, MS, DACVIM (SAIM)**

**Program Title: Blastomycosis, Cryptococcosis, and Aspergillosis in Cats and Dogs. 1 Hour**

## **Program Description:**

This course reviews the diagnosis of blastomycosis, cryptococcosis, and aspergillosis with emphasis on non-invasive diagnosis options – available biomarkers. The discussion will include ideal sample types and tests, associated diagnostic performance, and limitations to currently available biomarker tests. It will also include other clinical findings and suggestions for treatment monitoring.

## **Program Agenda:**

- Clinical Findings
  - Body systems involved
  - Imaging
- Diagnosis
  - Cytopathology
  - Biomarkers
- Treatment monitoring
- Prognosis



## **Learning Objectives:**

1. Common clinical manifestations of blastomycosis, cryptococcosis, and aspergillosis
2. Ideal sample type and biomarker test for these 3 invasive fungal infections.
3. Limitations to currently available biomarker tests.

## **Program Title: Antifungal Therapy in Small Animals – 1 Hour**

### **Program Description:**

This course reviews antifungal treatment of common invasive fungal pathogens. It blends evidence-based medicine and clinical applicability. It will include information to guide clinical decision making to help minimize drug adverse effects; to avoid drug-to-drug interactions; and to guide salvage treatment decisions when first-line treatment is ineffective.

### **Program Agenda:**

- History of antifungal drugs
- Triazoles
  - Itraconazole vs. Fluconazole
  - Therapeutic drug monitoring Itraconazole
  - CNS and Eye
  - Voriconazole & Posaconazole
- Terbinafine
- Amphotericin B
- Future of antifungal drugs

### **Learning Objectives:**

1. Treatment choices for common invasive fungal infections.
2. How to monitor antifungal treatment to avoid adverse effects and drug-drug interactions.
3. Treatment options for salvage therapy.

### **Biography:**

Andrew Hanzlicek, DVM, MS, DACVIM (SAIM), is a veterinary internal medicine specialist with more than 14 years of professional experience teaching, providing clinical services and conducting research in small animal internal medicine. As Director of Veterinary Medicine, he oversees veterinary clinical consultation and clinical research, and provides strategic leadership in clinical service and assay development.

His professional experience, most recently, includes serving for 4 years as the Joan Kirkpatrick Chair of Small Animal Medicine and director of the residency training program of Small Animal Internal Medicine at Oklahoma State University. He has lectured in the pre-clinical curriculum at multiple veterinary colleges and has provided continuing veterinary education around the world- discussing diagnosis, treatment, and prevention of small animal disease. He has conducted research in the areas of infectious disease, hematology, and whole blood coagulation.

Dr. Hanzlicek earned a BS in Agriculture, MS in Biomedical Sciences, and DVM degrees from Kansas State University. He completed post-graduate clinical training at Texas A&M University and Kansas State University. He is an active member of professional societies including American College of Veterinary Internal Medicine, American Veterinary Medical Association, Oklahoma Veterinary Medical Association, Association of Veterinary Hematology and Transfusion Medicine, Veterinary Interventional Radiology and Interventional Endoscopy Society, International Society for Human and Animal Mycology, and International Society for Companion Animal Infectious Diseases.

## Registration Fees – Livestream and On-Demand

VVMA Member	\$85
VVMA Life/Retired/Recent Graduate Member	\$75
Non-Member Veterinarian	\$100
Non-Veterinarian	\$75

If you'd like to join the VVMA and receive the reduced Member registration rate, call us at 802-878-6888.

Speaker notes will be emailed the week of the event. Speaker notes can be printed from the emailed document. Please call if you need assistance with the notes.

On-Demand recordings will be available until November 30, 2022. Please plan accordingly.

