

## **Session Descriptions**

### **Liver Made Easy: A Simple Diagnostic Approach**

This session will provide a practical approach on how to work up your patient having abnormal liver enzymes. Case examples will be used. The participant will gain an understand why liver enzymes become abnormal, when to perform bile acids, what they tell you, when a liver biopsy would be indicated and what you do with the results.

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### **Chronic Hepatitis: It's more common than you think**

This session will provide insights into diagnosis and management of the three most common inflammatory liver conditions encountered in clinical practice including secondary reactive hepatopathies, copper associated hepatopathies and chronic hepatitis. Case examples will highlight the discussion. The participant will learn that the liver often reacts to many extrahepatic insults such as gastrointestinal, infectious, metabolic disease and endocrine disease. Further, copper associated hepatitis has become a common inflammatory condition that is secondary to diet while chronic hepatitis is often silent until the disease is quite advanced. The participant will learn how to identify these conditions.

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### **Four Liver Conditions You Likely Did Not Learn About in Vet School.**

This session will provide a review of some newer or emerging canine liver problems we more frequently diagnosing; including gallbladder mucocele, portal vein hypoplasia (aka; microvascular dysplasia), ductal plate anomalies and idiopathic vacuolar hepatopathies. The participant will learn the signalments, signs, and what is required to diagnose these conditions. At the conclusion of this session, one will gain an understanding and an increased awareness of each specific condition presented.

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### **The Icteric Cat: An Update on Feline Liver Disease.**

This session will review of feline liver disease with current information on the diagnosis and therapy specific to cats including emphasis on the types of cholangitis and triaditis. The participant will learn how to interpret liver laboratory tests and how they are different in the cat than the dog. Different types of cholangitis or cholangiohepatitis have different etiologies and each requires a different therapeutic approach. The participant will learn the important aspects of diagnosis and treatment plan for these conditions and should gain a good basic understanding of feline liver disease.

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## Biography

Dr. David C. Twedt graduated from Iowa State University and entered an internship and medicine residency in gastroenterology at The Animal Medical Center in New York City. Dr. Twedt then joined the staff of the Animal Medical Center and was also a research associate at the Liver Research Center of Albert Einstein Medical School. Dr. Twedt is a Diplomate of the American College of Veterinary Internal Medicine and Professor Emeritus in the Department of Clinical Sciences at Colorado State University small animal internal medicine.



Dr. Twedt is past President of the ACVIM and Comparative Gastroenterology Society and co-founder of the Veterinary Endoscopy Society. Publication and research interests include liver and gastrointestinal disease and endoscopy. He has also been the recipient of numerous teaching, research and national awards including the Norden-Pfizer Distinguished Teacher Award, WSAVA International Scientific Achievement Award, Pioneer in Endoscopy Award and ACVIM Robert W. Kirk Award for Professional Excellence. He is also the co-editor of 4 textbooks including Current Veterinary Therapy 14 and 15 editions.