

## **Non steroidal anti-inflammatory drug toxicity**

The goals of this lecture are to describe the common sequelae of NSAID ingestion (gastrointestinal dysfunction and hemorrhage, acute kidney injury, hemostatic dysfunction and liver injury). Conventional management strategies will be discussed including gastrointestinal decontamination, gastroprotective medications, intravenous fluid therapy and the use of hemostatic agents. In addition, novel extracorporeal techniques (hemoperfusion and therapeutic plasma exchange) for NSAID toxicity will be discussed.

## **Hepatic encephalopathy**

The lecture will review the pathophysiology of hepatic encephalopathy in small animals. The lecture will review the contribution of ammonia and non-ammonia toxins. In addition, a clinical approach to cases of hepatic encephalopathy will be discussed. This will include a discussion of categorizing cases by disease type and clinical signs, review diagnostic tests of relevance to these patients, as well as treatment strategies.

## **Top tips for trauma**

This lecture will focus on practical tips for small animal trauma cases to take back to your clinic. The lecture will discuss pearls from practice including which tests to prioritize especially when budgets are tight, the usefulness of pattern recognition in the emergency situation, resuscitation techniques, and when to recommend surgery for severely traumatized pets.

## **Immune mediated haemolytic anaemia: treatment updates**

This lecture will focus on the current evidence based regarding the treatment of immune mediated haemolytic anaemia in dogs. This will focus on traditional immunosuppressive options, discuss the thought process behind single or dual agent immunosuppressives, ancillary and supportive measures for dogs with IMHA including transfusions and antithrombotic drugs, and the potential role of extracorporeal therapy for dogs with IMHA.

## **Pancreatitis associated acute kidney injury**

Acute pancreatitis is commonly encountered in dogs and cats. Acute kidney injury is a potential complication of pancreatitis. The lecture will review the mechanisms underpinning AKI in this patient population, diagnosing AKI in these patients, as well as traditional and dialytic management strategies for these cases.