

## **Chris Scudder**

### **Thyroid emergencies | *Chris Scudder***

This presentation will explore the pathophysiology, clinical manifestations, diagnosis, and management of hypothyroid and hyperthyroid emergencies in cats and dogs. It will cover the possible risk factors and clinical signs of these conditions, and how to evaluate the endocrine test results. Pharmacological and supportive care strategies to stabilise these patients will be discussed, and how to develop a tailored management plan that addresses the patient clinical signs and any concurrent conditions contributing to their thyroid emergency.

### **Management of pheochromocytoma | *Chris Scudder***

Pheochromocytoma is a neoplasm of the adrenal medulla. It is rare in the dog and even rarer in the cat. The pathophysiology pheochromocytomas will be discussed, including catecholamine metabolism, secretion, and systemic effects. The clinical signs and risk factors for catecholamine crises will be presented, as will the different diagnostic options, and medical management strategies which including alpha and beta blockade, hypertension management and role of intravenous fluid therapy. In addition to the immediate patient management, the longer term planning of the these patients needs to be considered and planned for.

### **Internal Medicine: Year-in-Review | *Chris Scudder***

The presentation will cover the cornerstone publications in internal medicine from 2024 to 2025. It will highlight the most significant diagnostic advancements, and outcomes from clinical trials and descriptive studies relevant to canine and feline medicine. These studies will be critically appraised, and how to integrate the insights from the literature into evidence-based decision-making will be discussed.