Abdominal POCUS: "A deeper dive"

Stream: VECCUS
Length:25 minutes

This lecture is aimed at the clinician with experience of in abdominal point-of care ultrasound. It will highlight the role of ultrasound in helping answer clinically driven questions in the non-traumatic emergency and critical care patient.

Intended learning outcomes

- Recognise the utility and limitations of point-of-care ultrasound in management of the acute abdomen
- Extrapolate findings on point-of-care ultrasound in light of the patient's clinical presentation
- Formulate a plan for patient's care based on history, physical examination and point-of-care ultrasound findings

Thoracic ultrasound: "Technique matters"

Stream: VECCUS
Length:25 minutes

Several refinements and numerous sonographic techniques have recently been published in small animals to improve the accuracy of thoracic focused assessment with sonography for trauma (TFAST) to detect pleural space pathology, and assess the lung for parenchymal disease. The goal of this lecture will be to review the evolution of pleural space and lung pathology, describe the different techniques currently used, discuss evidence- based medicine regarding the accuracy of the different techniques, and review tips and tricks on how techniques can be modified based on the suspected pathology and patient positioning.

Intended learning outcomes

- Appraise the utility of the thoracic point-of-care ultrasound techniques
- Describe how techniques are modified based on patient positioning and the pathology suspected
- Perform thoracic ultrasound to answer clinically driven questions

Location, location – How to take the stress out of respiratory distress

Stream: Refresher
Length: 45 minutes
Intended learning outcomes

- Recognise a patient in respiratory distress
- Demonstrate an ability to localise the site of respiratory distress
- Formulate a plan to manage the patient with respiratory distress
- Evaluate the use of point-of-care ultrasound in management of respiratory distress

Should POCUS replace thoracic radiographs in diagnosing pulmonary disease in the emergent patient?

Stream: Basic stream
Length:45 minutes
Format: Panel discussion
Intended learning outcomes

- Recognise the utility of point-of-care ultrasound for the diagnosis of pulmonary disease in small animals
- Recognise the limitations of point-of-care ultrasound for the diagnosis of pulmonary disease in animals
- Appraise the need for radiographs in small animals with respiratory disease

To be, or not to be, CIRCI?

Stream: Advanced stream
Length:45 minutes
Format: Panel discussion
Intended learning outcomes

- Define critical illness related corticosteroid insufficiency (CIRCI)
- Identification of an adrenal crisis
- Appraise the utility of cortisol measurement in critical illness
- Formulate a plan for an animal suspected to have CIRCI

Advanced pleural and abdominal ultrasound lab

Format: Workshop with live dogs and cadavers
Length: 3.5 hours

The session is aimed at those clinicians already using point of care ultrasound (POCUS) in the clinical setting and understand the basics of echography. Live dogs, cadaver models and interactive powerpoint case examples will be used to demonstrate how to use POCUS to answer clinically driven questions in emergency and critically ill animals.

Intended learning outcomes:

- Demonstrate how to use sonographic borders to locate sensitive sites for pathology
- Perform POCUS to answer clinically driven questions
- Formulate a plan based on history, physical examination and POCUS