

## **Laura Cole**

### **Thoracic Trauma: ECC approach | *Laura Cole***

This lecture is one of a three-part multi-disciplinary series. Lectures will progress from presentation and stabilisation, through diagnostic work-up including imaging to include with surgical interventions. Aims for the session "abdominal trauma: An ECC approach" include:

- Recognise a respiratory unstable patient after trauma
- Appraise clinical findings & formulate plan for emergency stabilisation
- Perform common respiratory emergency procedures

Bunt and/or penetrating trauma is frequently associated with thoracic pathology. Pathologies include pulmonary contusions, pneumothorax, diaphragmatic rupture and rib fractures, chest wall injuries and upper airway injuries such as tracheal rupture. Respiratory complications of trauma can lead to rapid patient decompensation and need to recognise. The lecture will discuss how to recognise these pathologies swiftly in a stress-free manner, highlighting the importance of hands-off observation and utility of point-of-care ultrasound in this patient population before discussing when and how to perform common respiratory emergency

### **Abdominal Trauma: ECC approach | *Laura Cole***

This lecture is one of a three-part multi-disciplinary series. Lectures will progress from presentation and stabilisation, through diagnostic work-up including imaging to include with surgical interventions. Aims for the session "abdominal trauma: An ECC approach" include:

- Recognise injuries associated with abdominal trauma
- Appraise clinical findings & perform secondary diagnostic tests
- Formulate a plan for emergency stabilisation
- Recognise indications for emergency surgery

Abdominal injuries secondary to blunt and/or penetrating trauma are fairly common small animal emergencies can lead to both immediate and delayed life-threatening systemic complications. These include hypovolaemic shock, distributive shock, tissue damage and peritonitis which can lead to life-threatening complications such as systemic inflammatory response syndrome and multiple organ dysfunction syndrome. This lecture will discuss complications of abdominal trauma, including when to suspect them, how to recognise them, and how to manage them. Considerations for emergency surgery, including indications for and timing of emergency surgery will be discussed.