



## IT'S YOUR CASE

Species: Canine

Breed: Crossbreed, small

Sex: Female Entire

Age: 1 year

### Clinical History:

She was attacked by pitbull 30 minutes prior to presentation. She was previously healthy. There is tissue is protruding from bite wounds.

**Anatomic regions:** Abdomen

**Details of study and technical comments:** A right lateral and VD view of the thorax and abdomen are available for interpretation.

### Diagnostic interpretation:

#### THORAX:

The cardiac silhouette is normal to mildly small in size. The cardiac shape is normal. The pulmonary vasculature is normal. Summating with the cranial aspect of the right caudal lung lobe is a broad band of heterogenous soft tissue opacity, which causes a lobar sign with the right middle lung lobe and extends towards the right lateral margin of the thorax at the level of the 8<sup>th</sup> to 9<sup>th</sup> intercostal space (red arrows). The right caudal lung lobe is retracted from the thoracic wall (yellow arrowhead) and caudally rounded (yellow arrows). The right caudal pleural space is widened by soft tissue attenuating material and a small amount of gas. The cardiac silhouette is mildly leftwards shifted.

The right 9<sup>th</sup> rib is abnormal in shape and extended laterally into the right thoracic wall (bright green arrow). The 10<sup>th</sup> rib is at the ventral aspect mildly angled (dark green arrow). The left ribs are intact and normal in position.

The right thoracic and cranial abdominal wall is severely thickened and contains large amounts of gas (orange arrows). A large amount of gas is noted in the soft tissues dorsal to the thoracic spine and cranial lumbar spine in part summing with the spinous processes (orange arrows). The spinous processes of the cranial lumbar spine are ill-defined; the spinous processes of the thoracic spine until T10 are intact; the remainder are not well seen due to the soft tissue injury. The vertebral bodies of the thoracic and lumbar spine are normal in alignment. The shoulder joints and the scapula are bilateral normal.

#### ABDOMEN:



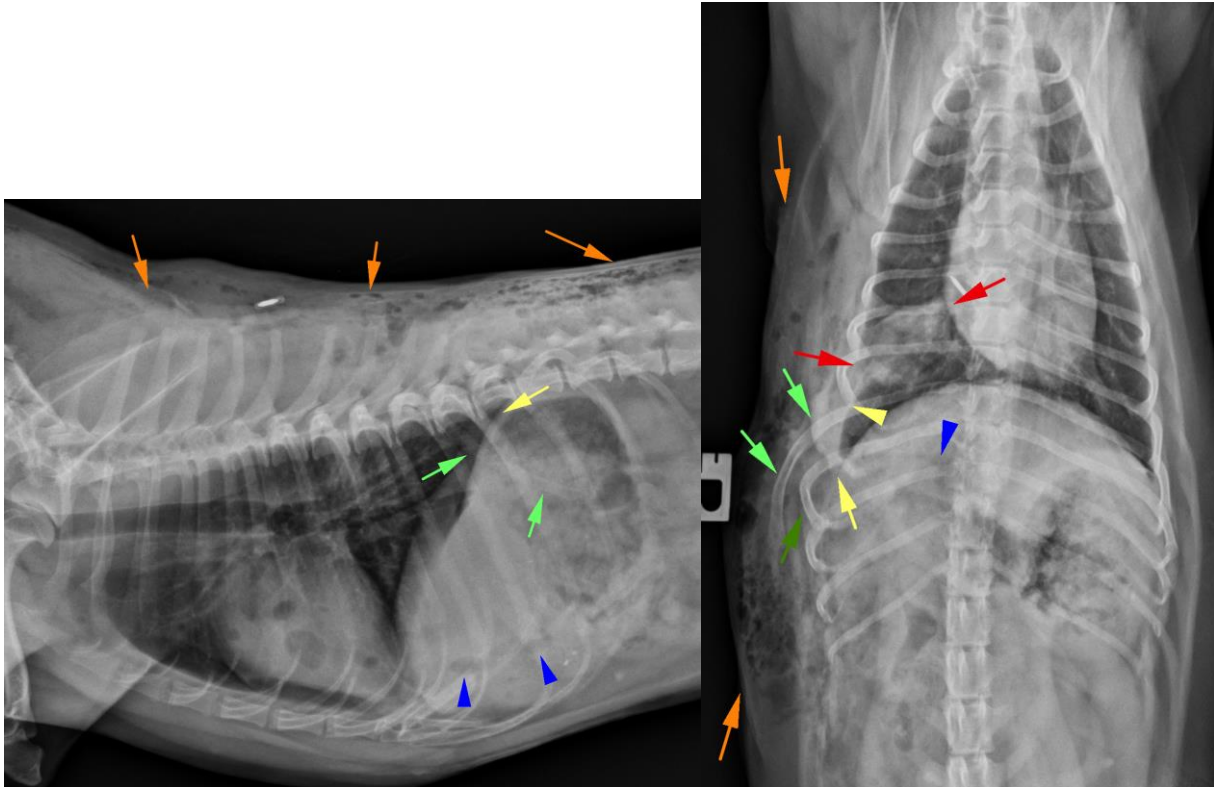
Reported by VetCT

t. +44 (0)1223 422251    www.vet-ct.com    e. info@vet-ct.com

Co Number 6955449    Registered Office St John's Innovation Centre Cowley Road Cambridge CB4 0WS UK  
ABN 24601862220    Registered Office in Australia Suite 11, 185-187 High Street Fremantle WA 6160 Australia

This report is based on the available history and radiographic interpretation only and not on a physical examination of the patient. It has been prepared specifically for interpretation by the currently licensed and registered veterinary surgeon responsible for the care of this patient.

The cranioventral and right cranial abdominal serosal detail is reduced due to a soft tissue to gas attenuating soft tissue thickening, which is displacing the abdominal organs moderately left laterally. There are air opacities that are suspected to highlight and track along the margins of the liver (blue arrowheads). The caudal abdominal serosal detail is normal; the cranial aspect of the urinary bladder is normal and well defined. The stomach is mildly large and contains heterogenous soft tissue attenuating material. Summating with the ventral aspect of the liver, multiple gas attenuating areas and a small amount of heterogenous soft tissue is noted.



### Conclusions:

- Right caudal lung lobe haemorrhage with mild haemothorax, pneumothorax and acute traumatic fracture and malarticulation of the right 9<sup>th</sup> rib and fracture of the right 10<sup>th</sup> rib
- Extensive right thoracic and body wall injury with the 9<sup>th</sup> rib extending into the soft tissues.
- The reduced cranial abdominal serosal detail is likely in part due to a mild haemoabdomen and in part due to summation with the extensive abdominal wall injury. A right cranial abdominal wall perforating injury cannot be excluded.

### Additional comments:

An abdominal ultrasound or contrast enhanced computed tomography examination to assess the extent of the thoracic wall injury can be helpful. Alternatively, wound exploration can also impart information. However if there is communication with the pleural space, it may be appropriate to have control of the large airways.



Reported by VetCT

t. +44 (0)1223 422251 www.vet-ct.com e. info@vet-ct.com

Co Number 6955449 Registered Office St John's Innovation Centre Cowley Road Cambridge CB4 0WS UK  
ABN 24601862220 Registered Office in Australia Suite 11, 185-187 High Street Fremantle WA 6160 Australia

This report is based on the available history and radiographic interpretation only and not on a physical examination of the patient. It has been prepared specifically for interpretation by the currently licensed and registered veterinary surgeon responsible for the care of this patient.