



VETCT
CONSULTANTS IN TELEMEDICINE

REPORTING SERVICE: CT

Report number: VETCT-1234

Report date: 21/03/2017

Referring Veterinarian:

Referring Practice: South Devon Referrals

Email address:

Owner: Patient:

Species: Canine

Breed: Bullmastiff

Sex: Female Neutered

Age:

Associated cases:

Clinical History:

Intraocular haemorrhage R eye, coughing up a small amount of fresh blood over weekend.

Questions to be answered:

chest pathology/ neoplasia/ trauma/ lungworm?

Number of series / images: 7 / 2733

Study dated: 21/03/2017

Study received: 21/03/2017

Anatomic regions: Thorax, Abdomen

Details of study and technical comments: The study consists of pre and post contrast soft tissue reconstructions of the thorax and abdomen and lung reconstructions of the thorax.



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This report is based on the available history and radiographic interpretation only and not on a physical examination of the patient. It must therefore only be interpreted by a currently licensed and registered veterinary surgeon responsible for the care of this patient.

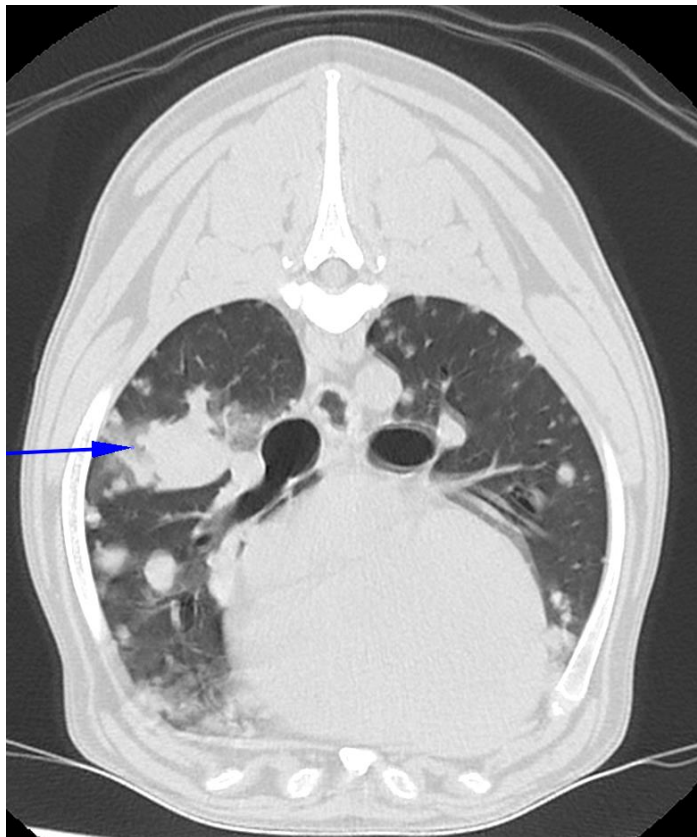
Diagnostic interpretation:

Thorax:

- There are multiple (>100!) well defined pulmonary nodules visible throughout all of the lung lobes of up to 8mm in diameter
- In addition there is a 2.2cm diameter mass in the right cranial lobe dorsally and a 2.7cm diameter rounded mass in the ventral right middle lung lobe
- The sternal lymph node is enlarged at 1.7cm in diameter
- The skeletal structures of the thorax are within normal limits
- There are several small post contrast enhancing nodules of up to 3 mm in diameter visible within the muscle surrounding the thorax
- The remainder of the thorax appears within normal limits

Abdomen:

- A further soft tissue post contrast enhancing nodule is visible on the left side of the spinous process of L3 measuring 6mm in height
- The remainder of the abdomen appears within normal limits
- There are mild degenerative changes present surrounding the lumbosacral disc space with mild smoothly defined spondylosis and a small amount of gas visible in the disc space
- There is degenerative spondylosis visible on the proximal tail (incidental)
- No other significant changes are noted



Transverse lung reconstruction showing the dorsal mass in the lung (blue arrow) with multiple nodules visible



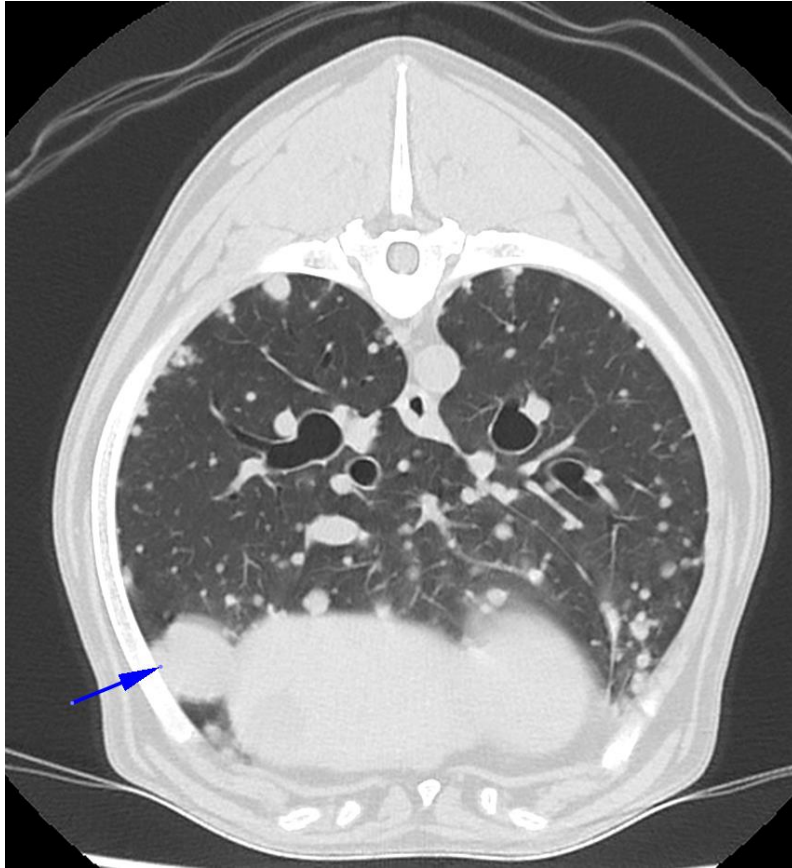
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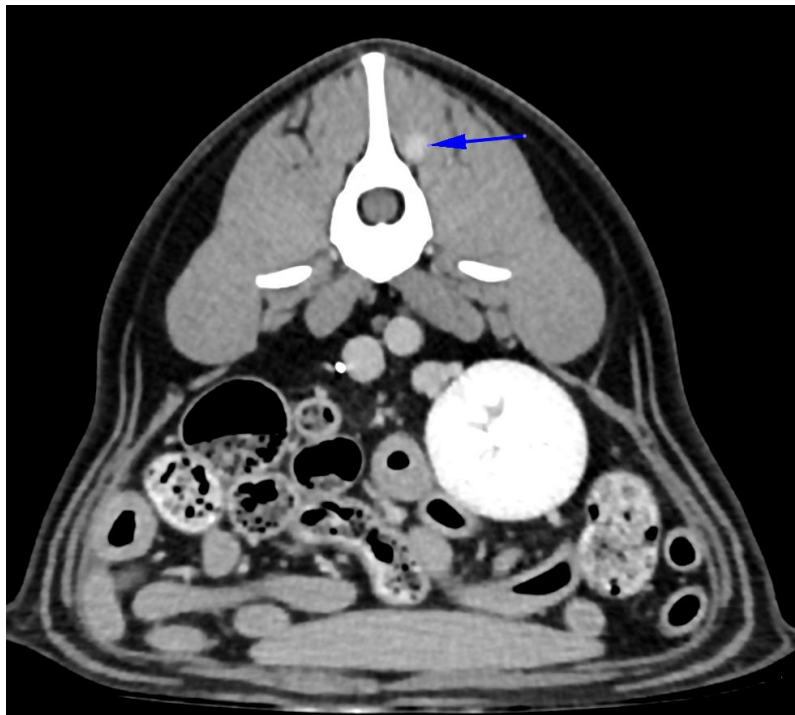
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Transverse lung reconstruction showing the ventral right middle lung lobe mass in the lung (blue arrow) with multiple nodules visible



Transverse soft tissue view showing the nodule adjacent to L3



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Conclusions:

- Twin larger pulmonary masses
- Multiple smaller pulmonary nodules
- Sternal lymphadenopathy
- Multiple muscular nodules
- Mild degenerative spinal changes (incidental)

Additional comments:

There are two larger masses (>2cm) and multiple nodules visible throughout the lungs. This appearance is most consistent with neoplastic lesions with multiple disseminated pulmonary metastases. A primary lung carcinoma originating from the larger masses could be considered or alternatively the lesions may be all metastatic from an unidentified primary source (the well defined appearance of the metastases is most suggestive of carcinoma although haemangiosarcoma metastases may be similar in appearance). The muscular nodules are likely to represent further metastatic nodules.

The sternal lymphadenopathy may be reactive or metastatic. Sampling would be required but care would be advised given the apparent coagulopathy.

Reporting Radiologist:

xxxx

If you have any queries regarding this report then please "Add a comment" on the VetCT platform or contact info@vet-ct.com



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