



PATIENT PRESENTING CLINICAL SIGNS

Slinky Kynast Slinky presented 3/17/23 on emergency for an episode of hacking, vomiting, and collapse, followed by labored breathing. Owner reports over the past few months she has developed dysphagia and often gags and hacks after eating. Owner switched her to soft foods only with no bones (often eats raw fish etc with bones) and reports it helped, but her appetite has not been the same. RDVM noted a mass in the ventral cervical area, which was aspirated on 3/10/23. Cytology revealed a spindle and epithelioid cell type neoplasm and excisional biopsy was recommended. Owner also found a mass under the tongue several days ago. She has had an occasional hacking cough since symptoms started, but had never had an episode like today's before. Today, she suddenly had a severe episode of hacking and gagging, brought up white mucus material, then fell on her side and was breathing heavily and unable to stand. She is currently receiving a maitake mushroom supplement, vitamin C, glucosamine, D-mannose, fish oil capsules, and DES for incontinence. She has a past history of testing positive for anaplasma; was treated last October with doxycycline for 2 weeks, has not been retested as of yet.

SPECIES

Canine

BREED

Shepherd

SEX

Spayed Female

COMPUTED TOMOGRAPHY OF THE NECK & THORAX

A high resolution pre- and post-contrast CT study of the neck and a post-contrast CT study of the thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

AGE

14 Years

Skull

Spondylosis formation is seen along the vertebral endplates of the cervical spine.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Between the trachea and the left common carotid artery, level with C3/C4, a well-defined, uniform soft tissue attenuating and heterogeneous strong contrast enhancing, ovoid shaped mass is seen, measuring 3.0 x 2.6 x 5.2 cm. The left common carotid artery is deviated laterally by the mass effect. Multiple tortuous vessels are seen at the caudal and cranial aspect of the mass.

HOSPITAL NAME

Mobile Pet Imaging

The right thyroid gland is within normal limits for size, shape and organ architecture.

Foamy material is seen in the distal end of the endotracheal tube.

The remainder of the osseous and soft tissue structures of the neck are within normal limits.

REFERRING VET

Meaux

Thorax

Multifocal moderate spondylosis formation is seen along the thoracic spine. The costal cartilages and sternum present moderate degenerative changes.

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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

DATE

4-8-23

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The volume of the left lung lobes and the right caudal lung lobe is moderately decreased and the lung parenchyma is irregularly consolidated with air-bronchograms. Randomly distributed punctuate mineralization of the lung parenchyma is appreciated.



PATIENT Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Slinky Kynast

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Left thyroid soft tissue mass
- Multifocal dystelectasis of the lung
- Spondylosis deformans cervical & thoracic spine
- Degenerative changes costal cartilages & sternum
- Pulmonary osteomas

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Shepherd

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

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The appreciated mass is compatible with primary thyroid neoplasia – thyroid carcinoma is most common and is supported by the cytology results of epithelial neoplasia. The left thyroid mass presents without signs of vascular invasion. Complete surgical excision is considered feasible – if the mass is responsible for the described clinical signs is unclear. Rule out different underlying entity, such as laryngeal paralysis for the described clinical signs.

AGE

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The consolidated areas of the lung parenchyma are considered as zones of dystelectasis secondary to general anesthesia. There are no signs of pulmonary metastatic disease, small pulmonary lesions can be effaced in the consolidated areas of the lung.

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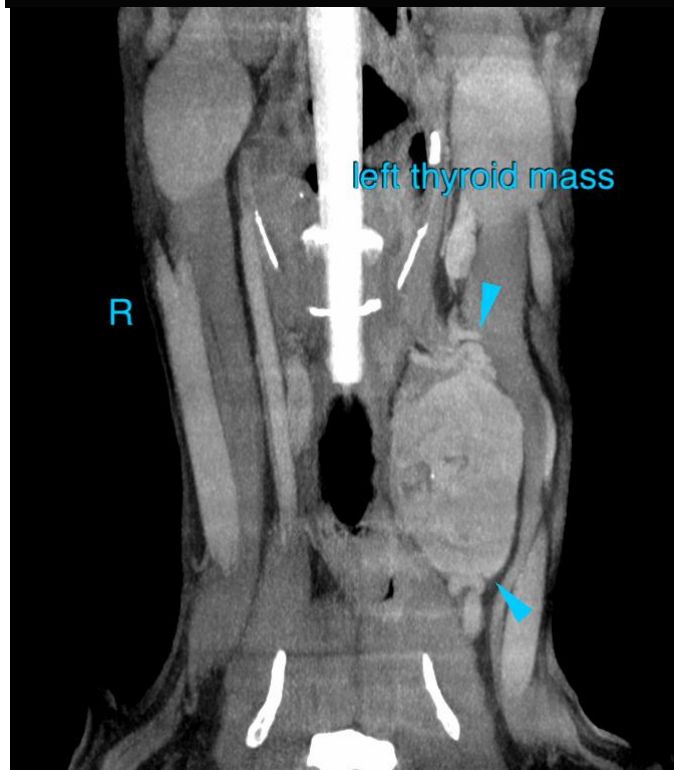
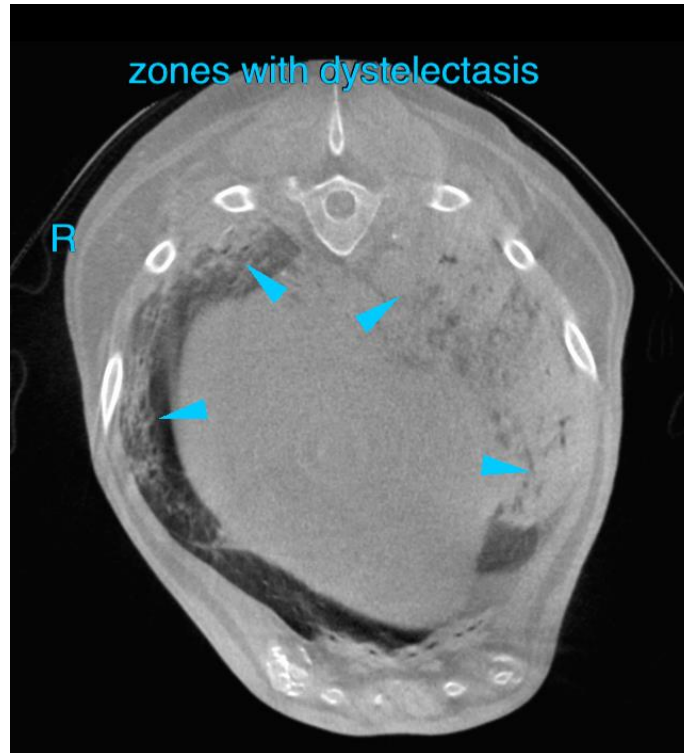
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SPECIES

Canine

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

BREED

Shepherd

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

SEX

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