



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Koda Tanner
SPECIES Canine
BREED Alaskan Malamute

History: A mass was first noticed 2 weeks ago arising from the left caudomedial aspect of the stifle. He was initially limping but is not limping anymore. Fine needle aspirate of the mass reveals mesenchymal tissue proliferation with marked atypia, concerning for a sarcoma. Appetite and activity are normal. He is not currently on any medication. Blood work is dated 9/10/21. CBC - PCV = 50% WBC = 14,890, neutrophils = 11,410, lymphocytes = 1970, monocytes = 490. Platelets = 13,000 (lab error, should be repeated). Chemistry - normal. FNA cytology - mesenchymal tissue proliferation with marked atypia, concerning for a sarcoma.

COMPUTED TOMOGRAPHIC STUDY OF THE CHEST, ABDOMEN & EXTREMITIES

SEX

Neutered Male

The left stifle presents an amorphous but well-defined mass medially and caudally to the stifle in the subcutaneous and interfascial region. There is partially soft tissue dense and well enhancing tissue recognized, but the lesion predominantly appears cystic with a ring-enhancing capsule. Borders to the surround muscles, fascia and fat tissue are clearly defined. Surrounding vessels appear mildly hypertrophic. Maximum diameters measure 5.8 x 3.4 cm. Peripheral nerves and vessels of the left thigh are unremarkable. Moderate arthrosis of both coxofemoral joints is noted.

AGE

7 Years

Abdomen

INTERPRETED BY

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 Certified Vet Specialist
 in Diagnostic Imaging

Liver and spleen show normal findings in terms of size, surface, shape and contrast behavior. Gallbladder is inconspicuous without evidence of cholestasis. Pancreas presents normal size and shape with a smooth surface. Unremarkable presentation of the bilaterally symmetrical kidneys. Adrenal glands are in normal limits.

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As far as can be assessed, the stomach and all parts of intestine are regularly presented without any indication of a wall thickening or a mass. Ureters, urinary bladder, trigonum and urethra are presented as expected.

REFERRING VET

Rick Whitty

Abdominal lymph nodes and abdominal vessels have no particular findings. Signs of peritoneal/retroperitoneal effusion or free gas are not recognized.

Chest

INVOICE

13099

The lungs are regularly ventilated with close contact to the inner thoracic wall on all sides. No evidence of pleural thickening, fluid accumulation or free pleural gas is noticed.

DATE

9/15/21

There are multiple mineral dense spots recognized throughout all lung parts (s. right accessory lobe). Beside that multiple subpleural wedge-shaped opacities are noted. The cranial part of the left cranial



PATIENT lobe (2.5 mm), the caudal part of the left cranial lobe (4.3 mm), and the right caudal lung lobe (4.0 and 3.8 mm) show small soft tissue dense, well-defined nodules.

Koda Tanner Mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are considered to be normal. Thoracic trachea and esophagus present as expected.

SPECIES **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
- Soft-tissue dense, cystic mass medial/caudal left stifle
 - Pulmonary nodules (s. above)
- BREED**
- Multiple osteomas and subpleural infarcts as incidental/degenerative findings

Alaskan Malamute **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

SEX The CT findings most likely represent a neoplastic and malignant mass. Signs of a relevant inflammatory process are missing. Shape, size and contrast behavior would go along with the assumption of a malignant neoplasia. Currently local aggressive behavior and/or regional metastatic spread are not recognized as far as can be assessed from a CT perspective.

Neutered Male

AGE The detected lung nodules could represent distant metastasis. Differentials include granulomatous disease and small lung abscesses (r/o blastomycosis, coccidioidomycosis). A follow-up CT could be performed in 6 weeks to monitor size, shape and number of the nodules.

7 Years

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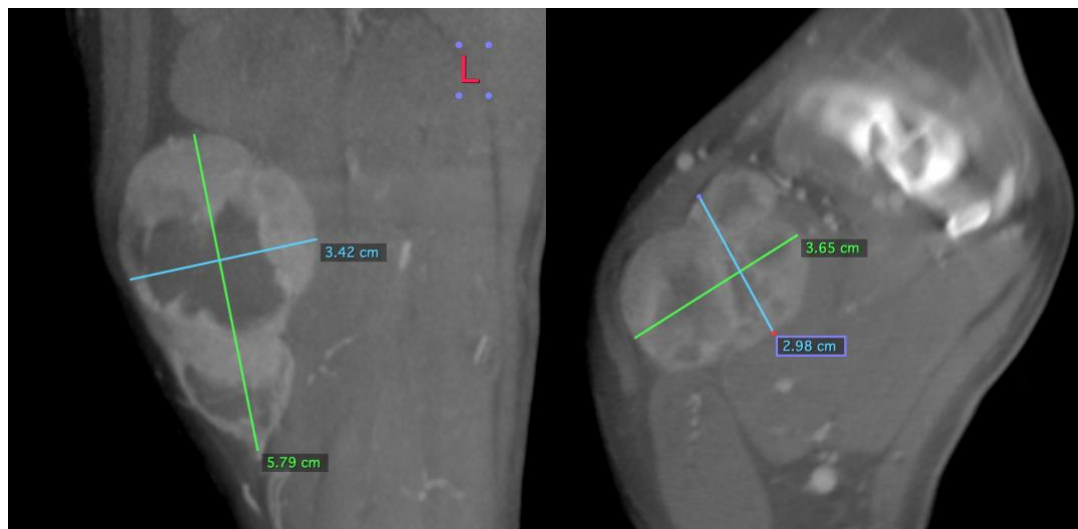
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PATIENT

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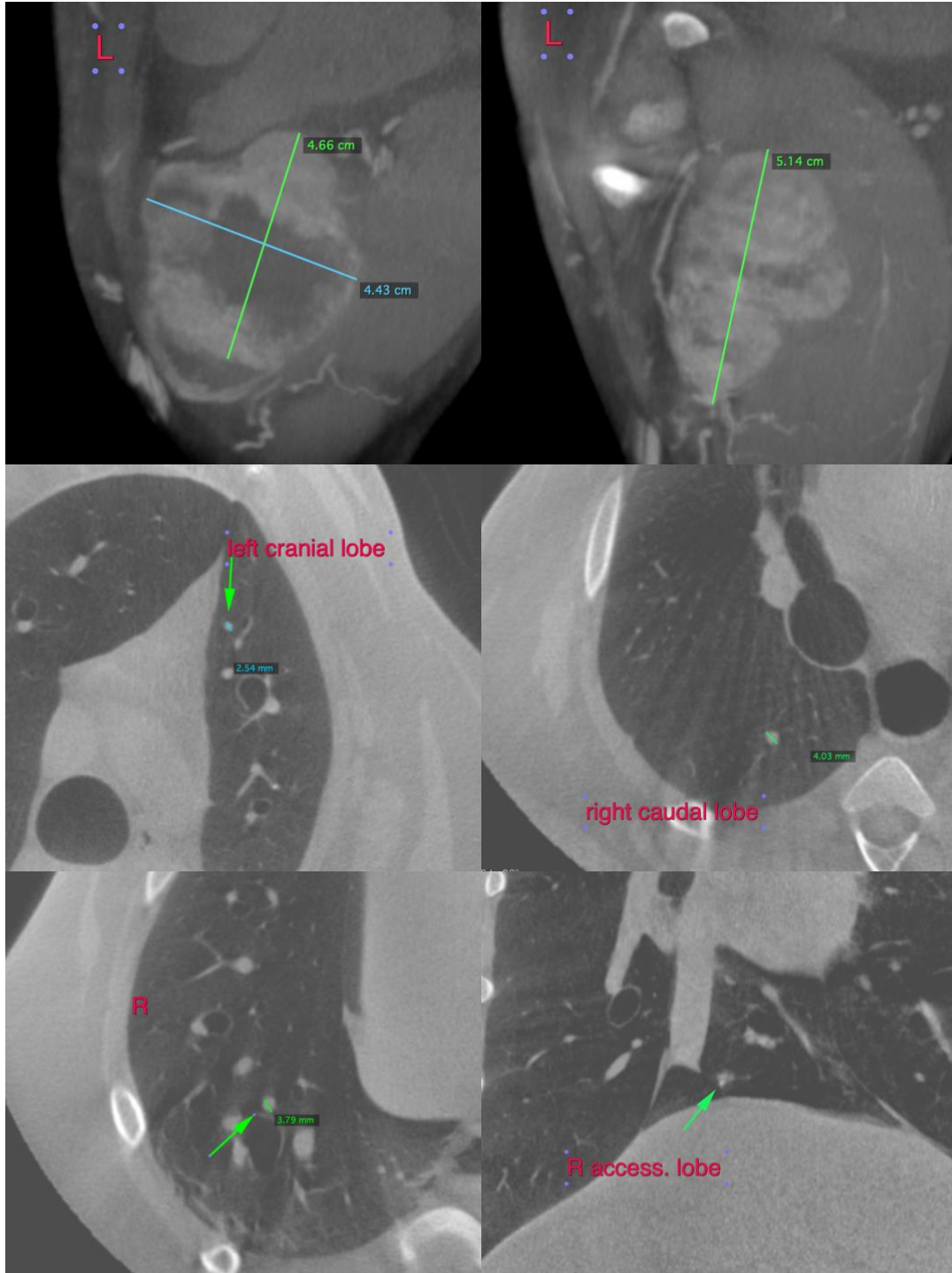
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PATIENT

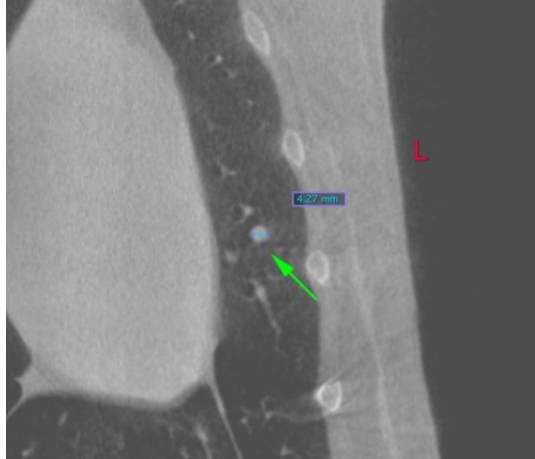
Koda Tanner

SPECIES

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Alaskan Malamute



SEX

Neutered Male

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

AGE

7 Years

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.

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