



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Hercules Olin
SPECIES Canine
BREED Mastiff
SEX Neutered Male
AGE 8 Years

History: Presenting complaint or concern (brief) Hercules is an 8 year old male neutered Mastiff who presented today for further treatment options for a soft tissue sarcoma on his tail base. The mass was noted several weeks ago and grew rapidly. Histopathology diagnosed a grade 2 soft tissue sarcoma with a mitotic index of 20. Radiographs of his thorax were normal, but radiographs of the area of the tail base showed invasion into adjacent vertebrae. He is otherwise doing well at home. He is on thyrotabs and Apoquel. A year ago he seemed to injure his tail in that area but it healed with Metacam therapy.

Abnormal PE/Chem/CBC/UA Results:

COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS

A high resolution pre- and post-contrast CT study of the pelvis is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Level with the base of the tail, centered on the first to fifth caudate vertebra, an amorphous soft tissue mass is appreciated, encompassing the respective vertebra. Aggressive advanced osteolysis of the second to fifth caudate vertebra is seen. The soft tissue mass is protruding into the subcutaneous tissue at the left aspect of the base of the tail. The left epaxial musculature level S3 presents an increased volume and merges with the soft tissue mass caudally.

Both coxofemoral joints present mild osteophyte new bone formation.

The pictured hypogastric lymph nodes are small, unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of sarcoma base of the tail with polyostotic aggressive osteolytic lesions of the 2nd to 5th caudate vertebra and invasion of the epaxial musculature up to the level of S3

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are fitting the history of sarcoma at the base of the tail with polyostotic aggressive lytic lesions of multiple caudate vertebra at the base of the tail and the epaxial musculature up to the sacrum. The latter is rendering the mass as surgically non-resectable. The chances of radiation therapy might be discussed with oncologist. Progressive growth may cause neurological dysfunction of the pudendal nerve.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Meaux

INVOICE

16929

DATE

8/19/22



PATIENT

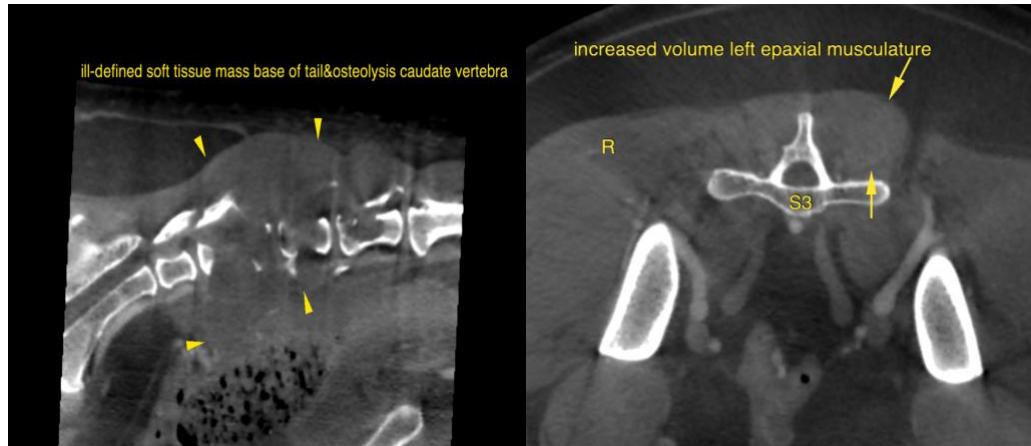
Hercules Olin

SPECIES

Canine

BREED

Mastiff



SEX

Neutered Male

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.

AGE

8 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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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