



PATIENT PRESENTING CLINICAL SIGNS

Duke Dhawan Fast growing mast cell tumor 83mm x 67mm located over the penis & potentially incorporating into the body wall. Firm & warm upon palpation. Difficulty sitting. Decreased e/d past 2-3 days, mild lethargy.

SPECIES Abnormal PE/Chem/CBC/UA Results: Decreased lymphocytes $0.87 \times 10^9/L$

Canine **COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

A high resolution plain CT study of the thorax and abdomen is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Mastiff X Thorax

SEX Multifocal spondylosis formation is seen along the thoracic spine.

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

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

9 Years 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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior with interspersed punctuate mineralization.

HOSPITAL NAME

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

Bridgwater
Veterinary Hospital
and Wellness Centre

Caudal abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

REFERRING VET

Dr. M. Sra

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

INVOICE

49989

In the subcutaneous tissue at the right caudal abdominal wall, at the craniolateral aspect of the prepuce, a well-defined, uniform soft tissue attenuating, ovoid shaped mass is visible, measuring approximately 10.0 x 6.3 x 10.0 cm in size. The surrounding subcutaneous fat presents moderate fat stranding. The inguinal, external iliac & medial iliac lymph nodes bilaterally are moderately enlarged and rounded, R>L.

DATE

1-31-22

The lumbosacral intervertebral disc is moderately protruding into the vertebral canal, occupying approximately 50% of the cross-sectional area at the same level. The vertebral endplates of the lumbosacral junction present moderate spondylosis formation.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Duke Dhawan

- Large inguinal soft tissue mass, level with the right craniolateral aspect of the prepuce with surrounding edematous swelling
- Lymphadenopathy inguinal, external iliac and medial iliac lymph nodes bilaterally
- Pulmonary osteomas
- Intervertebral disc protrusion L7/S1 with potential dynamic spinal cord compression
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

SPECIES

Canine

BREED

Mastiff X

SEX

MN

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

REFERRING VET

Dr. M. Sra

INVOICE

49989

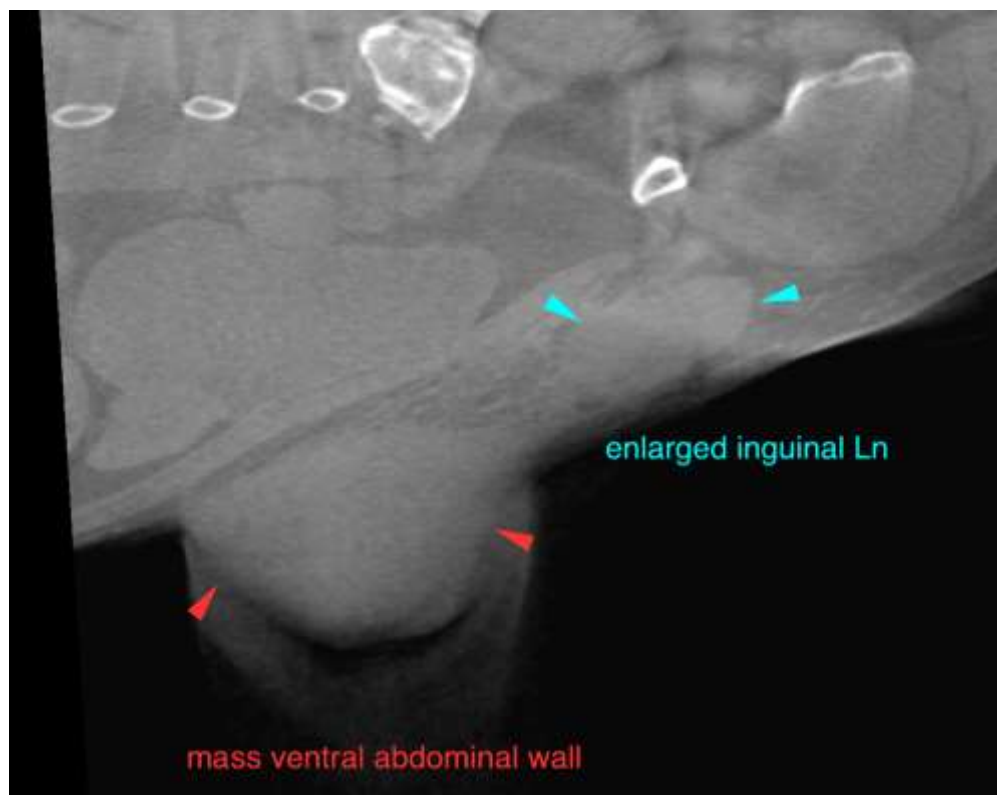
DATE

1-31-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are fitting the history of mast cell tumor in the right inguinal region, there is no evidence of invasion of the ventral abdominal wall. The enlarged tributary lymph nodes are consistent with regional metastatic spread. Discussing the chances of chemotherapy prior to surgical intervention to reduce tumor size can be discussed with oncologist.

Consider complementing full tumor staging by FNA sampling from the liver and spleen.





PATIENT

Duke Dhawan

SPECIES

Canine

BREED

Mastiff X

SEX

MN

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

REFERRING VET

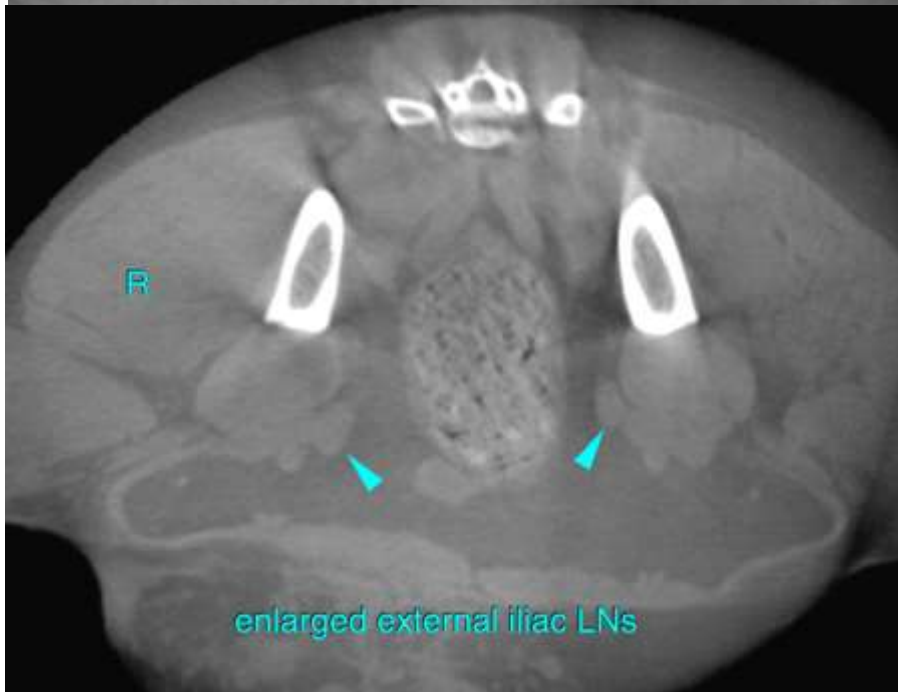
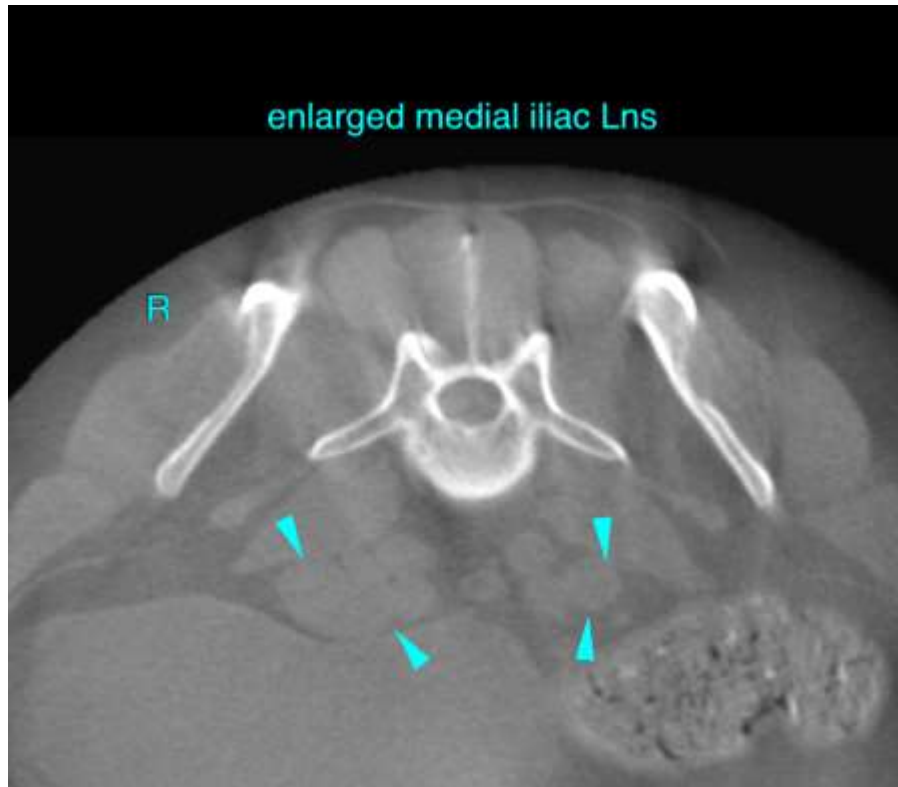
Dr. M. Sra

INVOICE

49989

DATE

1-31-22





PATIENT

Duke Dhawan

SPECIES

Canine

BREED

Mastiff X

SEX

MN

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

REFERRING VET

Dr. M. Sra

INVOICE

49989

DATE

1-31-22

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.

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
sebast.schaub@gmail.com