



PATIENT

Morris Gustafson

PRESENTING CLINICAL SIGNS

Owner noticed large firm mass on left ischium within the last 24 hours. Radiographs indicate proliferative and lytic lesion.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: T: Temp (°F): 100.80 P: H.R.: 116 R: R.R.: 28 WT: 60 kg Attitude: BAR CV: MM pink/pigmented and moist, CRT < 2 sec no murmur, no arrhythmia Pulses strong Lungs: normal BV sounds all fields Abdomen: comfortable MS: ambulatory- mild left rear lameness with firm swelling near left tail base BCS 5/9 Integ: normal skin and coat PLN: no abnormal nodes Neuro: normal CNS Pain Score 3/10 when palpated swelling by left tail

BREED

Great Dane

COMPUTED TOMOGRAPHY OF THE THORAX

A high resolution pre- and post-contrast CT study of the thorax and caudal segment of the pelvis are provided for review.

SEX

Male Neutered

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

The bony and surrounding soft tissue structures are within normal limits.

AGE

3 Years

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.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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 lung parenchyma presents the expected architecture and attenuation behavior.

HOSPITAL NAME

Mountain West
Veterinary Hospital

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

A metal attenuating ring shaped body is seen in the stomach, measuring 10 mm in diameter.

Pelvis

REFERRING VET

Jeff Simmons

Only the most caudal aspect of the pelvis is included within the field of view.

The included left tuber ischiadicum presents an ill-defined zone with permeative osteolytic lesions and moderate immature periosteal new bone formation with a soft tissue component bulging dorsally presenting amorphous mineralization.

INVOICE

53315

- Monostotic aggressive predominant osteolytic lesion caudal margin left ischium with associated soft tissue mass
- Structural normal thorax, no evidence of pulmonary metastatic disease
- Small metal attenuating gastric foreign body – unlikely to cause mechanical obstruction

DATE

8-8-22

COMPUTED TOMOGRAPHIC DIAGNOSIS



PATIENT

Morris Gustafson

SPECIES

Canine

BREED

Great Dane

SEX

Male Neutered

AGE

3 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Mountain West
Veterinary Hospital

REFERRING VET

Jeff Simmons

INVOICE

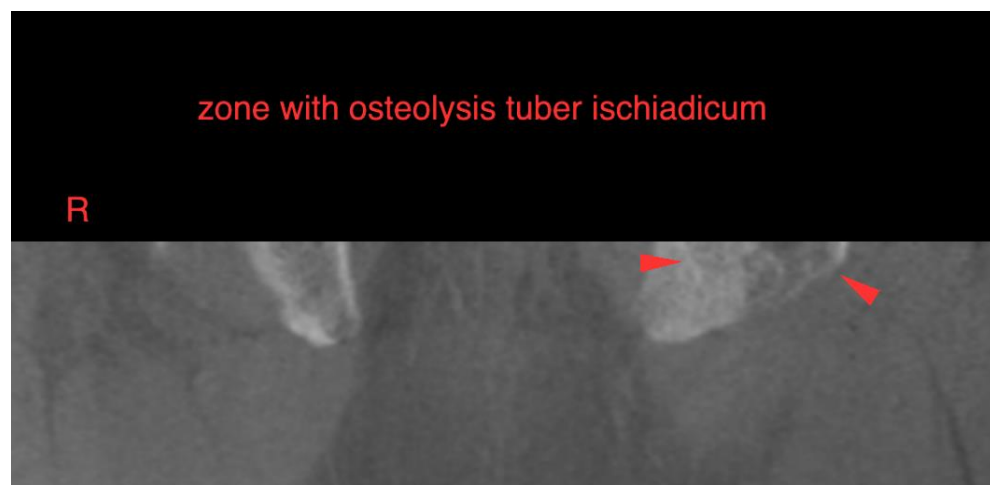
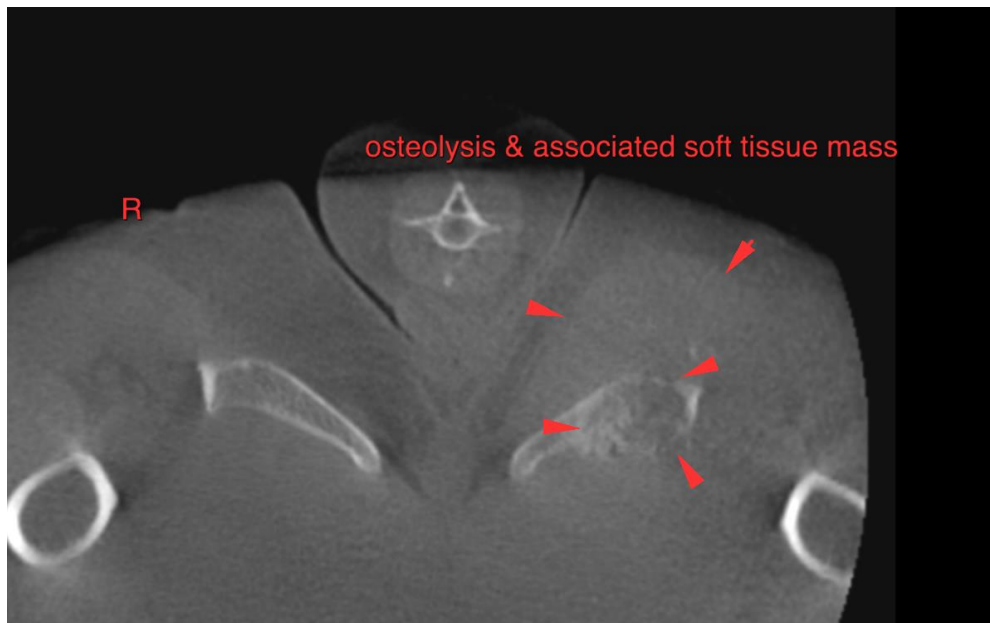
53315

DATE

8-8-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mass centered on the caudal margin of the left ischium is consistent with either primary neoplasia of bone (e.g. osteosarcoma, chondrosarcoma, fibrosarcoma) or less likely primary soft tissue neoplasia (e.g. hemangiosarcoma). Unfortunately, the mass is only partially included within the field of view and the margins cannot be defined. FNA sampling of the mass can be used as advanced diagnostic tool. The chances of surgical by ischiectomy with limb preservation should be discussed with surgeon & oncologist.





PATIENT

Morris Gustafson

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.

SPECIES

Canine

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

BREED

Great Dane

SEX

Male Neutered

AGE

3 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Mountain West
Veterinary Hospital

REFERRING VET

Jeff Simmons

INVOICE

53315

DATE

8-8-22