



PATIENT

Oscar 2 Kozoub

PRESENTING CLINICAL SIGNS

presented to AHP Internal Medicine service on 11-14-2022 due to trouble defecating and discomfort on rectal palpation. Oscar 2 also presented with lethargy, diarrhea, incontinence, appetite loss, and weight loss. These issues have been persisting for 1 year and has been worsening. Mass on perianal area - FNA: suspect sebaceous carcinoma or circumanal gland carcinoma. previous history of: Juvenile seizures, Collapsing episodes in October 2022, T3-L3 myelopathy

SPECIES

Canine

BREED

German Shepherd

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain studies in soft tissue, bone, and lung windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

M

Abdomen

Heterogeneity and peritesticular fluid of the right testicle are noted.

There is a diffuse perineal mass effect with ill-defined margins and multifocal mineralization which appears to involve the area of the anal sac on the left side with extension to the right side.

AGE

7 Years

Moderate asymmetric enlargement of the prostate measuring 6 x 4 x 6.5 cm approximately is seen with regional prostatitis.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is a moderate amount of free fluid in the caudal and mid abdomen.

The hypogastric and medial iliac lymph nodes present mild to moderate asymmetric enlargement.

Multiple amorphous periosteal new bone formation is seen on the surface of the proximal femurs, bilateral iliac bone, sacroiliac joints, and ventral and lateral contour of the sacrum and 6th and 7th lumbar vertebrae.

HOSPITAL NAME

Animal Health
Partners

L1/2 presents severe ventrally bridging spondylosis deformans.

L2/3 and L3/4 present moderate spondyloses.

REFERRING VET

Dr. Lea Mehrkens

Mild generalized enlargement of the spleen is noted.

There is biliary microlithiasis.

The assessment is limited to the availability of a plain study.

INVOICE

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Thorax

No evidence of pulmonary metastatic disease is found.

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The mediastinal lymph nodes present within normal limits.

No overt evidence of cardiovascular pathology is noted.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Ill-defined perineal soft tissue mass with multifocal mineralizations.
- Prostatomegaly in an intact male with regional steatitis.
- Mild to moderate peritoneal effusion.
- Sublumbar lymphadenomegaly.
- Polyostotic aggressive bone lesions of the proximal femurs, pelvic bones, and lumbosacral spine.
- Splenomegaly.
- Biliary microlithiasis
- Spondyloses.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for a metastasizing neoplasia. Anal gland adenocarcinoma is a primary differential diagnosis however other perineal malignancy cannot be ruled out.

The findings of the sublumbar lymph nodes and polyostotic aggressive bone lesions are compatible with metastatic disease.

The prostatomegaly may represent benign hyperplasia, prostatitis, or prostatic neoplasia.

The changes of the right testicle may reflect orchitis or testicular neoplasia.

Consider sampling of the perineal mass, prostate, and sublumbar lymph nodes for further verification if not performed already.

The splenic enlargement is likely to represent idiopathic hypersplenism or congestion under general anesthesia. Diffuse neoplastic infiltrate or diffuse inflammation cannot be ruled out but are thought by far less likely.



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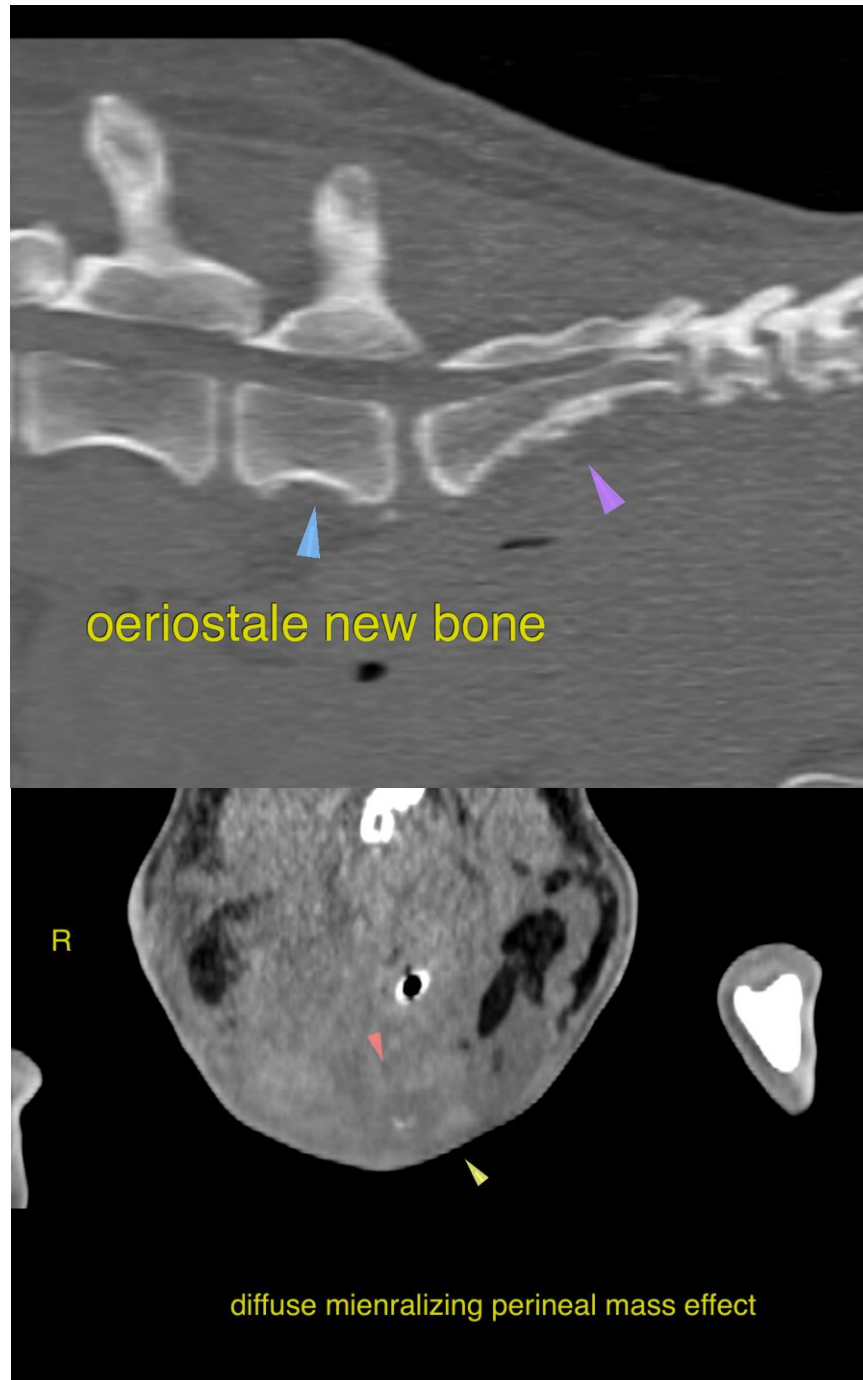
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

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Nele Eley, DVM, Dr. med. vet., DipECVDI
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