



PATIENT

Brinkley Rosso

SPECIES

Canine

BREED

English Bulldog

SEX

Female

AGE

8 Years, 3 Months

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

HOSPITAL NAME

Wilson Veterinary
Hospital

REFERRING VET

Dr. Jeremy Krieger

INVOICE

55992

DATE

1-4-23

PRESENTING CLINICAL SIGNS

Pet recently developed stranguria and a vaginal mass was palpated on exam 1/2/23. Symptoms first reported 12/21/22. A free catch urinalysis on 12/21 reported mild elevated WBC (9 phpf) and RBC (2 phpf). Urine culture was recommended but has not been performed.

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN AND PERINEAL REGION

A high resolution pre- and post-contrast CT study of the caudal abdomen and perineal region are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

A poorly delineated intramural soft tissue mass of the vaginal floor (labium) extending into the vagina is seen. The cervix is preserved. The extension on length of the lesion is approximately 4.2cm length.

Adjacent fat-stranding and thickened peripheral soft tissue are seen.

The terminal portion of the rectal mucosa is thickened.

Both anal sacs are preserved, however, a mild soft tissue/fat stranding are also seen around.

The cranial urethra, bladder neck, and bladder are normal.

The descending colon and rectum contain moderate fecal material and gas.

The right inguinal lymph node is mildly enlarged.

The sacral lymph nodes are normal.

Collimated Musculoskeletal

Mild lysis focal of the opposing endplates at L7-S1, associated with narrowed and complete bridge with circumferential bulging of the intervertebral disc and impingement on the spinal cord from ventral left and compression of approximately 15%. There is a vacuum phenomenon of the in situ disc material.

The T10-T 11 intervertebral disc is circumferentially bulbous without compression of the spinal cord with dorsal mineralization of the annulus.

The L5-L6 and L6-L7 intervertebral disc spaces are mildly narrowed and completely bridged by spondylosis deformans and non-compressive dorsal protrusion of the intervertebral disc.

Bilaterally, the femoral heads are incongruent and periarticular osteophytes are noted.

Bilaterally, metallic artifacts are seen in the stifle joints and periarticular osteophytes are noted.

No other abnormalities are identified.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Brinkley Rosso

- Poorly delineated intramural vaginal mass such as intramural neoplasm. Differential diagnosis includes neoplasia such as leiomyoma, and leiomyosarcoma, and less likely transmissible venereal tumor (TVT) and vaginitis. In addition, soft tissue edema and inflammation are seen.

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- Right inguinal lymphadenopathy: DDx reactive or metastatic.
- Edema or inflammation of the end rectum mucosa/wall.
- Multifocal caudal lumbar and lumbosacral chronic disc disease and spondylosis deformans.
- Bilateral hip dysplasia, secondary osteoarthritis.
- Bilateral stifle osteoarthritis with history of TTA

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English Bulldog

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The intramural vaginal mass is correlated to the described clinical signs. Fine needle aspiration or biopsy of the mass and vaginal cytology are recommended, especially to rule out TVT. Fine needle aspiration of the inguinal lymph node is recommended as well.

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Degenerative lumbosacral stenosis is noted, and clinical correlation is required.

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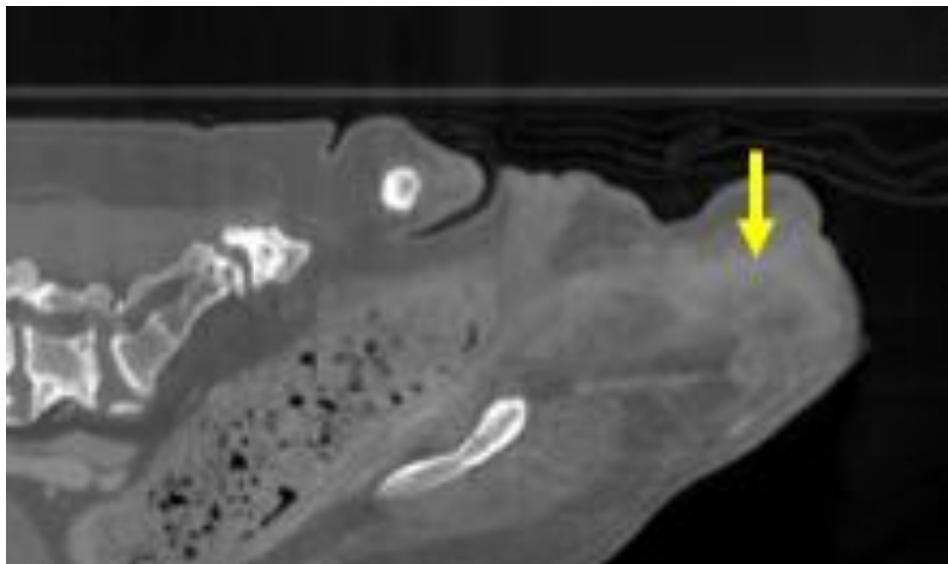
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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