



**PATIENT PRESENTING CLINICAL SIGNS**

Grace Broznic screaming in pain isolating to neck nerve reflexes normal asmbulating well  
Abnormal PE/Chem/CBC/UA Results: cbc/chem wl

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SPINE AND ABDOMEN**

Canine A pre- and post-contrast CT study of the cervical spine and abdomen are provided for review, totaling 7 series. Three pre contrast series of full body, bone, soft tissue and thin bone algorithm, and four post-contrast series of full body, bone, soft tissue and bone thin algorithms.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Pomeranian **SPINE (C1-C7).**

**SEX** There are C1-C7, T1-T13, and L1-L7 vertebral bodies.

Female Entire There is a minor amount of hyperattenuating material at the level of C6-C7, within the ventral left aspect of the ventral canal, that causes minor compression of the spinal cord. The intervertebral disc space is collapsed, and complete bridging spondylosis deformans.

**AGE** There is a mild incomplete bridging spondylosis deformans at C4-C5 and C5-C6.

7 No aggressive or acute traumatic bone lesions are identified.

**INTERPRETED BY ABDOMEN**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The uterine horns are enlarged, thin walled, and contain a moderate amount of hypoattenuating intraluminal content. The left uterine horn measures approximately 1.8cm in diameter. The right uterine horn measures approximately 1.6cm in diameter.

**HOSPITAL NAME** Both ovaries are visible. There are tiny lobulated soft tissue attenuating structures with hypoattenuating fluid structures protruding from the ovarian tissue. The right ovary measures approximately 0.6cm in diameter. The left ovary measures approximately 0.5cm in diameter.

Advanced Veterinary Imaging The renal silhouettes are symmetrical in size, normal shape, contour, and attenuation. The renal length is 3.2cm in the right kidney and 3.2cm in the left kidney. No evidence of pelvic calculus is seen.

**REFERRING VET** The ureters insert in the trigone, no evidence of dilatation or irregularities.

Eamon The urinary bladder is moderately filled, with the apex in the plane of L6, and is homogeneously soft tissue opaque.

**INVOICE** The liver is normal in size and shape, with homogeneous soft tissue attenuation, and is uniformly contrast enhancing. No nodules or masses are seen. The gallbladder is moderately filled with hypoattenuating fluid material. No evidence of cystic or common bile duct dilation.

59412

The stomach is moderately filled with hypoattenuating fluid material, ingesta and gas. Normal wall.

**DATE**

7-18-23



**PATIENT** The duodenum is mildly distended and contains a mild amount of intraluminal gas; the duodenum wall is normal in thickness; no mass or irregularities were identified. The wall measures 0.4cm thickness.

Grace Brozinic

The small intestine are nondilated and contain a mild amount of fluid, hypoattenuating material, and gas. There is no evidence of a thickened wall or mass effect.

**SPECIES**

Canine

The colon and rectum contain gas admixed with a moderate amount of soft tissue attenuating fecal material.

The spleen is normal in size, homogeneous enhancement, and contour.

**BREED**

Pomeranian

The abdominal lymph nodes, pancreas and adrenal glands are normal.

The collimated thoracic structures are normal.

**SEX**

Female Entire

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- C6-C7 minor volume of extradural material causing minor spinal cord compression, collapsed intervertebral disc space indicating chronic disc disease, and complete bridging spondylosis deformans.
- C4-C5 and C5-C6 spondylosis deformans.
- Enlarged uterus, left and right horns, concurrent visible left and right-side ovaries with microcysts. The differential diagnosis includes mucometra, hemometra or pyometra, less likely early term pregnancy.
- Otherwise, normal abdomen.
- Normal collimated thorax.

**AGE**

7

**INTERPRETED BY**

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

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

C6-C7 minor disc herniation is seen in the cervical spine, as are intervertebral disc collapse and spondylosis deformans indicating chronic disease. A minor amount of disc material causes mild compression of the spinal cord. These findings can explain the screaming and pain in the cervical region. A correlation with a complete neurological exam is suggested, considering pain management. If any evolution with the presence of neurological signs is present, consider a specialist consult and MRI exam.

**HOSPITAL NAME**

Advanced Veterinary  
Imaging

Enlarged uterine horns are identified. Consider vaginal cytology or ultrasonography to exclude complete early term pregnancy if there was a possibility of contact with a male dog.

**REFERRING VET**

Eamon

**TECHNICAL COMMENTS**

Motion artifacts are seen in all sequences.

**INVOICE**

59412

**DATE**

7-18-23



**PATIENT**

Grace Broznic

**SPECIES**

Canine

**BREED**

Pomeranian

**SEX**

Female Entire

**AGE**

7

**INTERPRETED BY**

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

**HOSPITAL NAME**

Advanced Veterinary  
Imaging

**REFERRING VET**

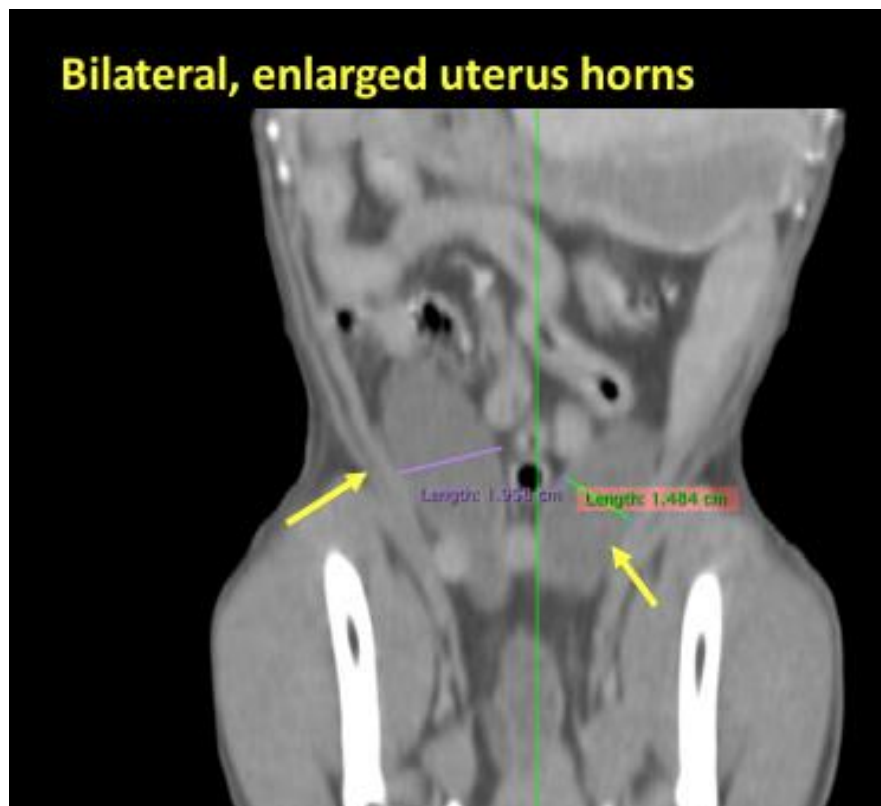
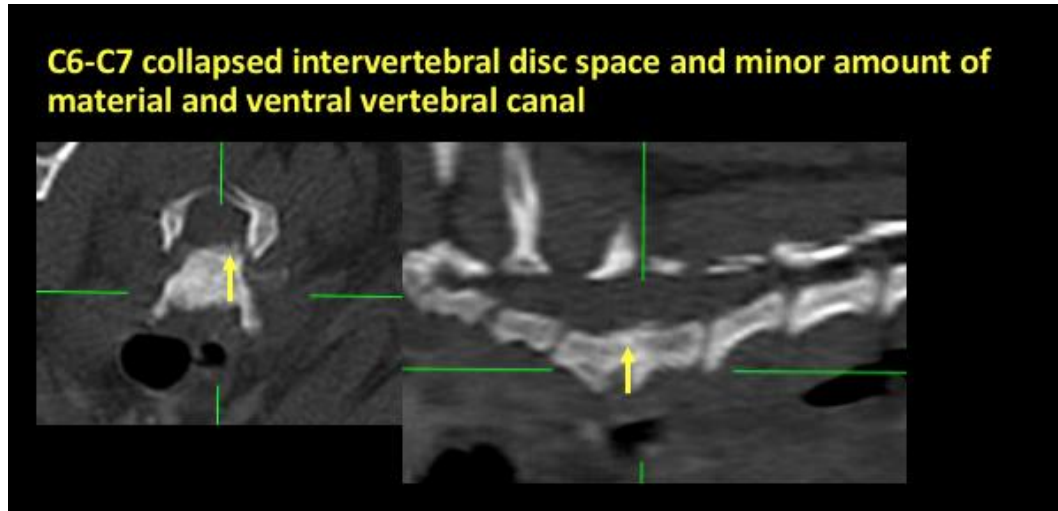
Eamon

**INVOICE**

59412

**DATE**

7-18-23





**PATIENT**

Grace Brozinic

**SPECIES**

Canine

**BREED**

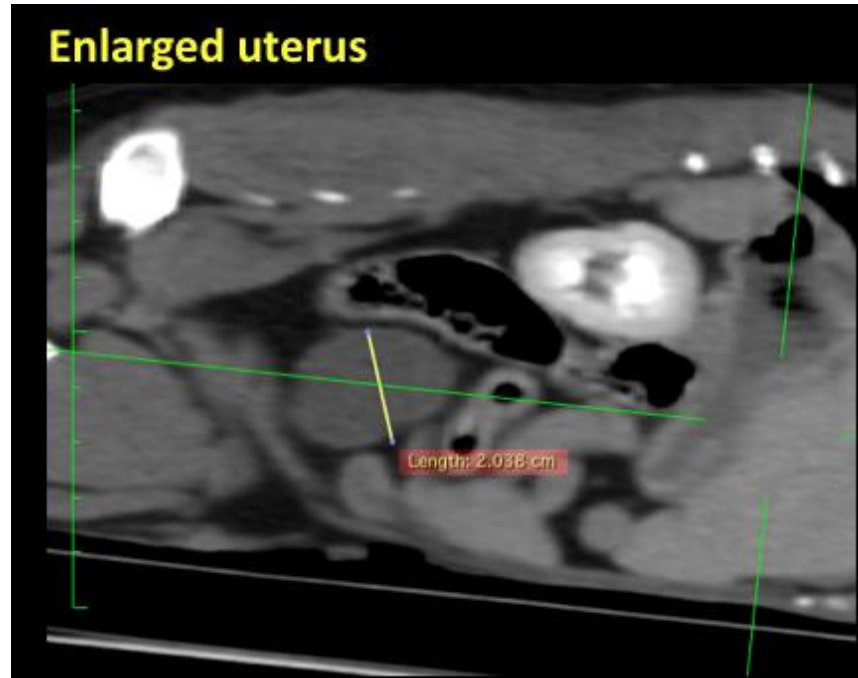
Pomeranian

**SEX**

Female Entire

**AGE**

7



**INTERPRETED BY**

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

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.

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.

**HOSPITAL NAME**

Advanced Veterinary  
Imaging

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet  
info@sonopath.com

**REFERRING VET**

Eamon

**INVOICE**

59412

**DATE**

7-18-23