



PATIENT

Amelia Baker

SPECIES

Canine

BREED

Cavalier King Charles Spaniel

SEX

F

AGE

10 Months

INTERPRETED BY

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

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Jeffery Biskup

INVOICE

56253

DATE

1-19-23

PRESENTING CLINICAL SIGNS

Abnormal finding on spay Heart murmur Urinary debris Good energy, appetite Consistently blood in the urine Last round of antibiotics stopped the blood, returns off of the antibiotics 7/10 pees there is blood No straining At 3 months would scream when urinating On antibiotics don't see it at all Occasionally puddle inside with a couple drops of blood, every 7 hours No meds right now Abnormal PE/Chem/CBC/UA Results: Heart Murmur

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

A high-resolution plain CT study of the abdomen provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The vaginal floor (labium) is thickened and ill-defined.

The cervix and uterine body are mildly enlarged, measuring approximately 0.8cm in diameter, and the distension is more evident caudally.

An oval soft tissue attenuating structure is noted just caudal to the right kidney in the region of the right ovary and measures 0.9cm in diameter. An oval soft tissue attenuating structure is noted just caudal to the left kidney and adjacent to the descending colon in the region of the left ovary and measures 0.7cm in diameter. Additionally, there is a thin tubular structure of 0.4 cm in diameter, which most likely is the right uterine horn. The left uterine horn is not clearly visualized.

The urinary bladder is moderately filled, with the apex in the plane of L6, is homogeneously soft tissue opaque, and contains small mineralizing material within the ventral dependent portion.

The renal silhouettes are normal in size, shape, contour, and attenuation pre-contrast. The renal length is 4.1cm in the right kidney and 3.7cm in the left kidney. No evidence of pelvic calculus is seen.

The liver, spleen, pancreas, and adrenal glands are normal. The gastrointestinal tract and the abdominal lymph nodes are normal.

The collimated images of the thorax are normal however assessment of the cardiac silhouette was not possible.

No musculoskeletal abnormalities are identified.

There is subcutaneous soft tissue fat stranding on the caudoventral abdominal wall.

The caudal pairs of mammary glands are mildly enlarged.

The inguinal lymph nodes are mildly enlarged.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Amelia Baker
- The uterine, ovaries and mammary tissue findings are likely hyperplastic and most likely cycle dependent.
 - Mild uterine body/cervix inflammation, differential diagnosis includes endometrial cystic hyperplasia. Less likely mucometra, hydrometra, pyometra (small intraluminal content).
 - The vaginal floor thickness could be correlated to vaginitis and/or soft tissue swelling.
- SPECIES**
- Canine
- Nonobstructive urinary microcystolithiasis.
 - Mild caudoventral abdominal body wall soft tissue swelling and/or cellulitis.
 - Mild reactive inguinal lymph nodes.

BREED

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATION

Cavalier King Charles Spaniel

Correlating the findings with the reproductive cycle is suggested.

SEX

Vaginal cytology is a reasonable next approach.

F

Consider the possibility of extending the duration of the antibiotic therapy for vaginitis and cystitis.

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Open cervix hydrometra, hematometra or pyometra may be a candidate for medical therapy. However, an ovariohysterectomy is a better approach.

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No clear evidence of congenital malformation such as urachal remnant or ureteral ectopia is seen.

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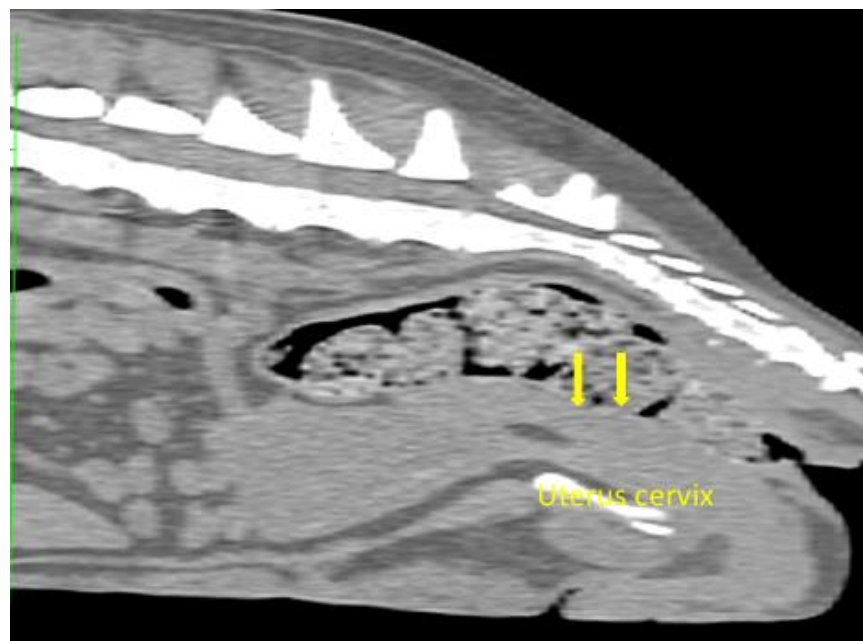
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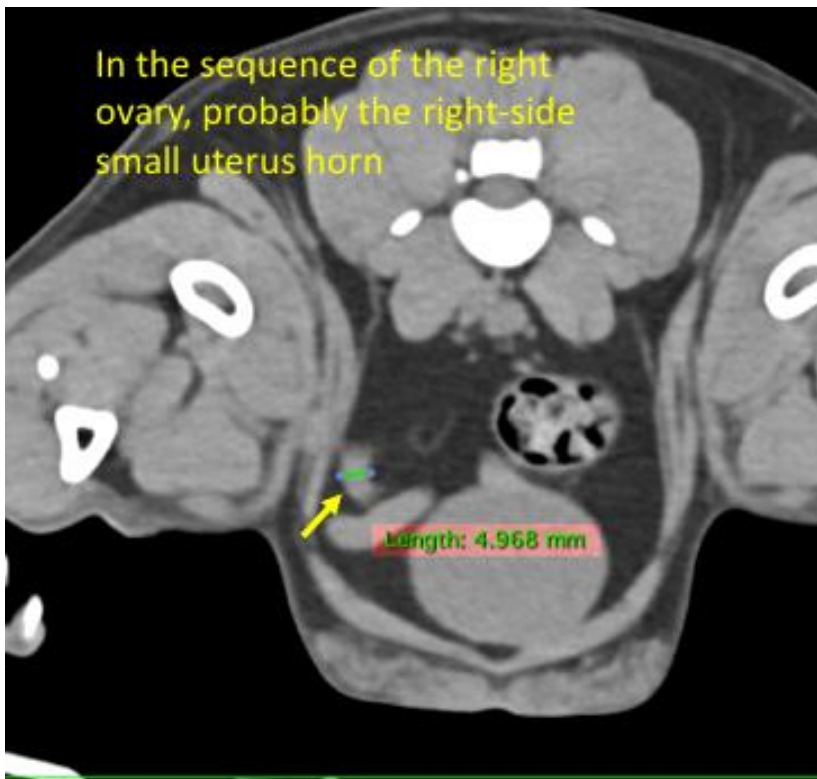
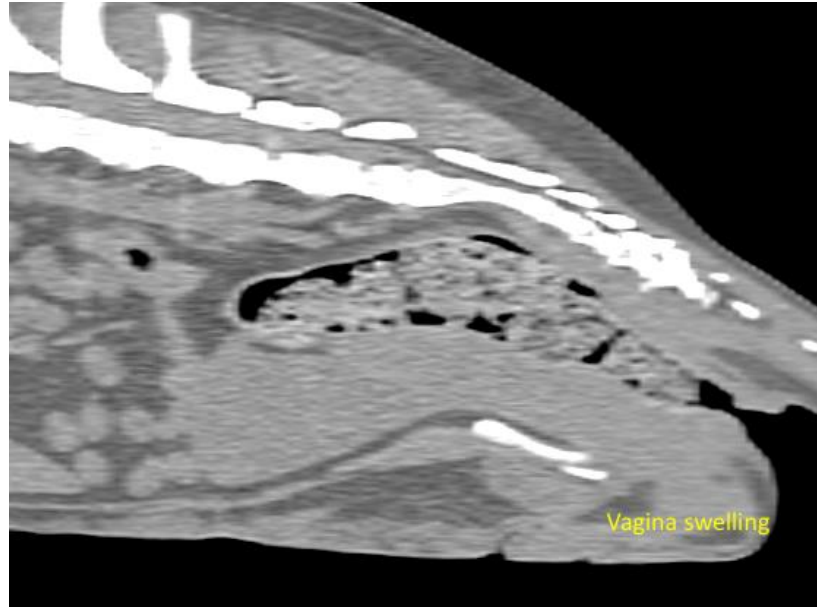
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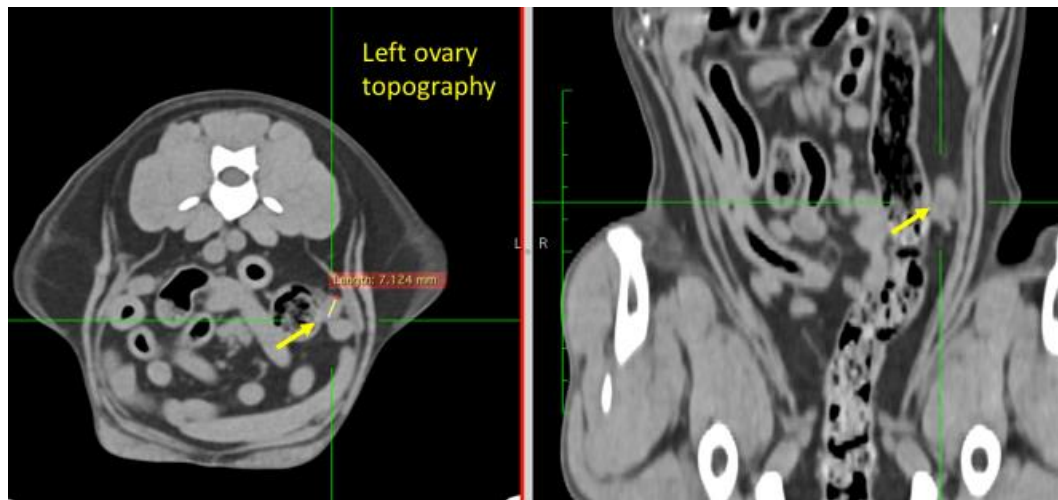
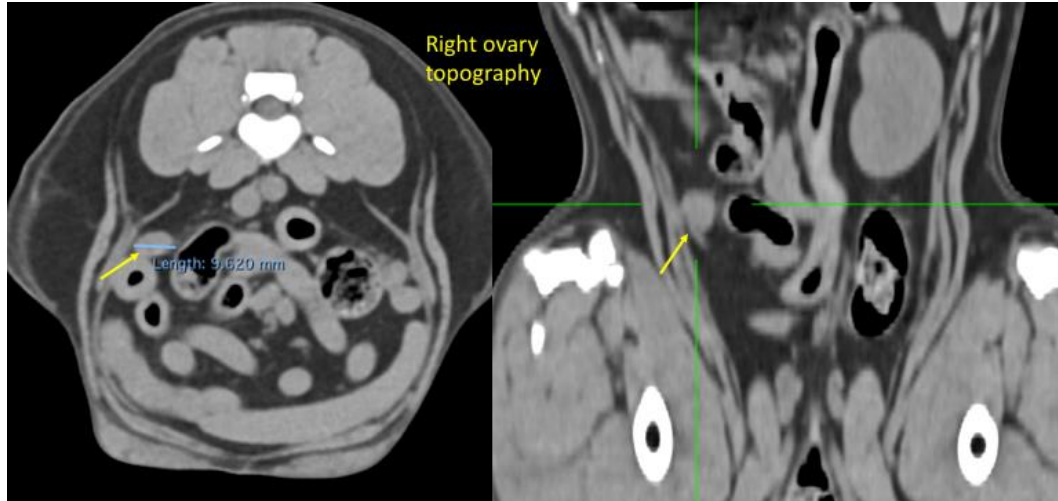
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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