



**PATIENT PRESENTING CLINICAL SIGNS**

Mulan Ruedas Presented to ER 4/14 for distended abdomen. CBC: Neutrophilia 24.22k, Lymphopenia 0.4k; Chemistry: Gluc 143, K 5.5, otherwise WNL. Clotting times: PT 14.8, aPTT 68.2; Thoracic rads: WNL, Abdominal rads: Decreased serosal detail, ascites. Abdominocentesis was performed, ~8000ml of hemorrhagic fluid was drained from the abdomen. Meds: Gabapentin 300mg BID, Spironolactone 50mg BID, Yunnan Baiyao 1 capsule TID. Surgical explore was discussed, owner elected CT scan to further distinguish where suspect mass is and if it is surgical. There was significant artifact on CT scan, abdominocentesis was repeated and an additional ~1400ml of hemorrhagic fluid was drained from the abdomen. Repeated the CT, artifact was substantially decreased but still present. Goal is to determine location of mass, metastasis and if surgical. Owner declined thoracic CT since radiographs were unremarkable.

**SPECIES**

Canine

**BREED**

Chow Chow

**COMPUTED TOMOGRAPHY OF THE ABDOMEN**

A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

**SEX**

**COMPUTED TOMOGRAPHIC FINDINGS**

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Multiple streak artefacts are seen throughout the abdominal study, degrading image quality and effacing the abdominal structures.

**AGE**

9.5 Years

A moderate amount of fluid attenuating material is seen in the peritoneal cavity and the peritoneal fat presents moderate fat-stranding. Post contrast administration, there are multiple contrast enhancing lesion interspersed in the fluid attenuating material in the ventral aspect of the abdomen.

**INTERPRETED BY**

At the caudomedial aspect of the right kidney, a well-defined, uniform soft tissue attenuating, ovoid mass is seen, measuring 3.2 x 3.3 x 3.9 cm – the lesion is effaced by the streak artefacts in the post contrast study.

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

A second mass is appreciated caudal to the right kidney, presenting a multilobulated appearance, measuring 3.5 x 5.0 x 7.5 cm; post contrast administration the lesion has a heterogeneous contrast enhancement pattern, but it is partially effaced by the streak artefacts.

**HOSPITAL NAME**

Both kidneys present within normal limits for size, shape and organ architecture.

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The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement.

**REFERRING VET**

The visible parts of the spleen appear unremarkable.

Dr. Engelschall

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Suspect multiple peritoneal soft tissue masses & nodules
- Moderate peritoneal effusion
- Suspect history of splenectomy

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

4-17-23

Unfortunately, the diagnostic value of the abdominal CT series is very limited by the streak artefacts, effacing major parts of the mid abdominal structures. There are multiple contrast enhancing soft tissue lesions noted throughout the peritoneal cavity, of the abdomen is very limited. The mass caudal to the right kidney in the intact female patient is highly suggestive for neoplastic transformation of the right ovaria with potential peritoneal metastatic spread and secondary peritoneal effusion – due to potential



**PATIENT** carcinomatosis. Diagnostic celiotomy can be considered to confirm the diagnosis.

Mulan Ruedas

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**REFERRING VET**

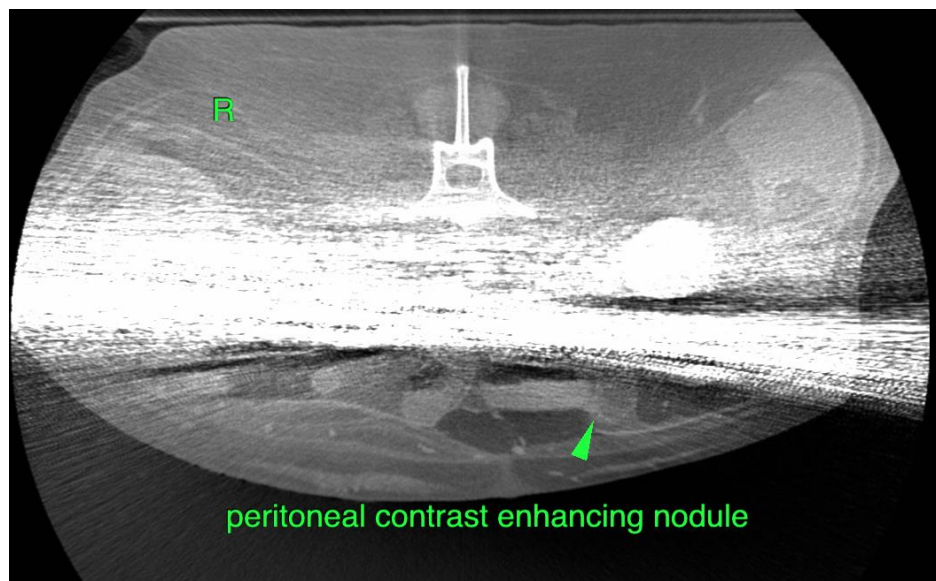
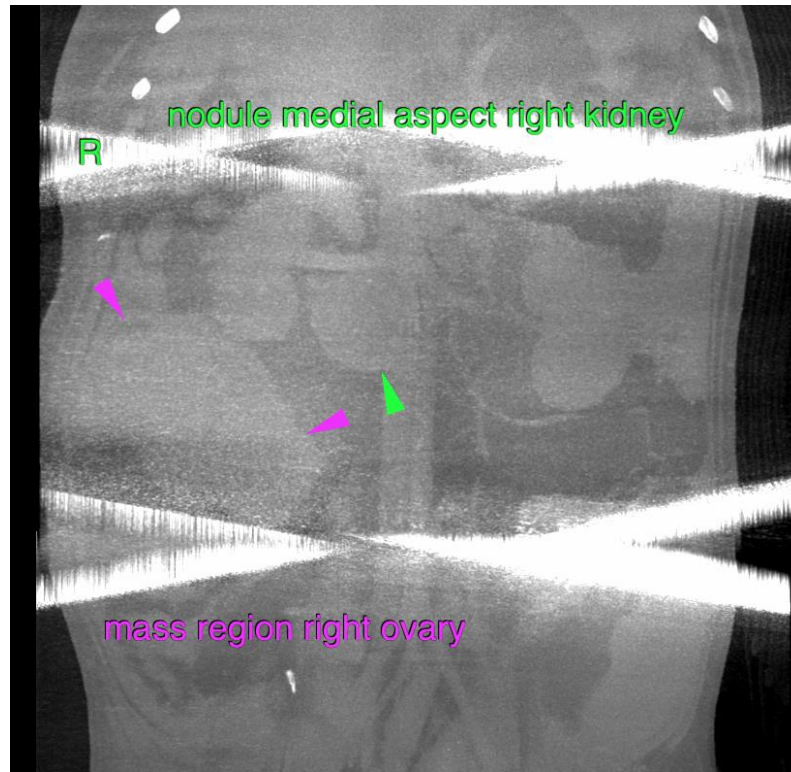
Dr. Engelschall

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**DATE**

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**PATIENT**

Mulan Ruedas

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.

**BREED**

Chow Chow

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**SEX**

F

**AGE**

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