

PATIENT

Winter Grubb

SPECIES

Canine

BREED

Collie

SEX

Spayed Female

AGE

1

WEIGHT

13

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Eamon

HOSPITAL NAME

Belconnen VC

REFERRING VET

Dr. Eamon

INVOICE

36806

DATE

4/26/26

PRESENTING CLINICAL SIGNS

History: run over 3 days ago, not right since
Abnormal PE/Chem/CBC/UA Results: cbc.chem wl

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen in a bone, lung and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

In the ventral aspect of the right hemithorax, multiple segments of the small intestinal tract along with peritoneal fat and jejunal lymph nodes are appreciated. The right lung is displaced from the ventral thoracic wall by the abdominal structures.

In the right lateral aspect of the diaphragm, a defect, measuring approximately 3.0 x 4.7 cm is seen.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen

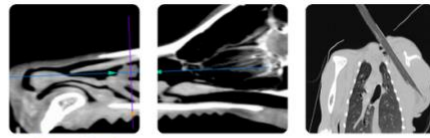
The serosal fat presents mild soft tissue striation, and a small amount of fluid attenuating material is seen in the peritoneal cavity.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured; the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.



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The delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

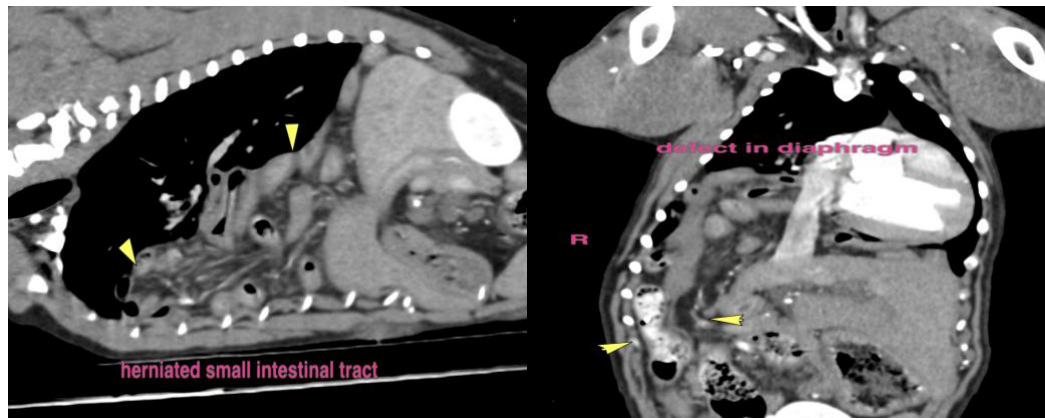
The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right lateral (paracostal) diaphragmatic rupture with herniation of parts of the intestinal tract into the right hemithorax
- Mild peritoneal effusion

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with right sided diaphragmatic rupture and surgical management is advised.



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.

Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com