



PATIENT

Lincoln Guindon

PRESENTING CLINICAL SIGNS

Went to rDVM for coughing. X-rays and echo/ultrasound revealed pleural and abdominal effusion. No cause was able to be found ultrasonically. Straw colored fluid was pulled from the chest and interpreted by a pathologist to be modified transudate suggestive of lymphocytic effusion.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: mildly decreased ALP, all others wnl

BREED

COMPUTED TOMOGRAPHY 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.

Cavalier King Charles Spaniel

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

SEX

The intervertebral disc T11/T12 is moderately protruding into the vertebral canal.

MN

In the pleural cavity, a moderate to marked amount of gravity, dependent, non-contrast enhancing soft tissue attenuating material is present. Pleural fissure lines are appreciated. The lung lobes are retracted from the thoracic wall and present a generalized decreased volume. Multiple regions with dystelectasis of the lung parenchyma are visible.

AGE

5 Years

A thymic remnant is appreciated in the cranial mediastinum. 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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

HOSPITAL NAME

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.

Bluegrass Veterinary Specialists

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.

REFERRING VET

Blackey

Abdomen

The peritoneal fat presents moderate fat-stranding, and a small amount of fluid attenuating material is seen throughout the pleural cavity. The mesenteric lymph nodes are mildly prominent.

INVOICE

53583

A separate left & right caudal vena cava of the pre-renal segment is appreciated.

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.

DATE

8-18-22

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



PATIENT

Lincoln Guindon

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

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

SPECIES

Canine

The bony and surrounding soft tissue structures reveal no abnormalities.

BREED

Cavalier King Charles
Spaniel

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of pleural effusion & peritoneal effusion
- Mild lymphadenopathy mesenteric lymph nodes
- Secondary atelectasis of the lung parenchyma
- Thymic remnant
- Incidental double caudal vena cava, pre-renal segment

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Unfortunately, a specific cause for the bicavitary effusion is not appreciated. Differentials for the bicavitary effusion include infection, inflammation (e.g. vasculitis), neoplasia (e.g. lymphosarcoma, mesothelioma), pancreatitis, pleuritis, cardiac disease, hepatic disease, hypoproteinemia or trauma. The prominent mesenteric lymph nodes are likely secondary reactive to the peritoneal effusion – recommend FNA sampling ± including the spleen and liver to rule out infiltrative disease (e.g. round cell tumor).

AGE

5 Years

The appreciated thymic remnant is commonly an incidental finding, however FNA sampling can be tried to rule out malignant transformation.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Bluegrass Veterinary
Specialists

REFERRING VET

Blackey

INVOICE

53583

DATE

8-18-22



PATIENT

Lincoln Guindon

SPECIES

Canine

BREED

Cavalier King Charles
Spaniel

SEX

MN

AGE

5 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Bluegrass Veterinary
Specialists

REFERRING VET

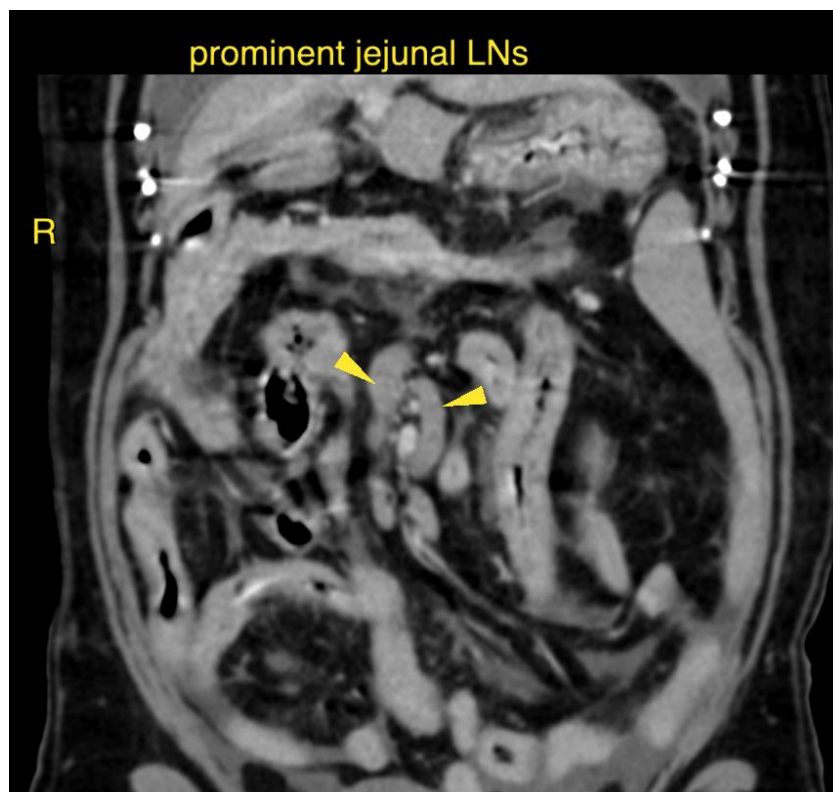
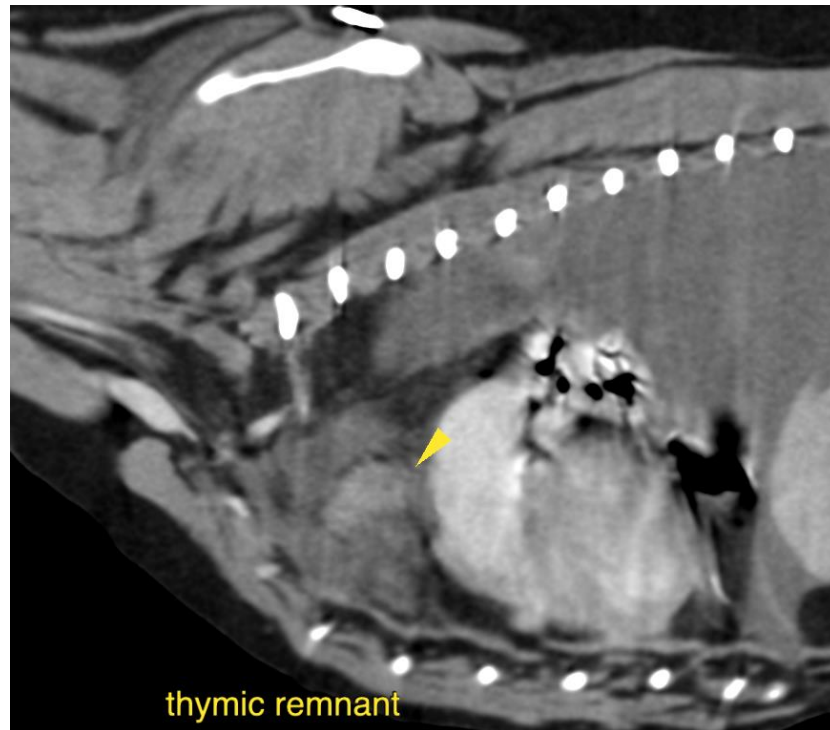
Blackey

INVOICE

53583

DATE

8-18-22





PATIENT

Lincoln Guindon

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

BREED

Cavalier King Charles
Spaniel

SEX

MN

AGE

5 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Bluegrass Veterinary
Specialists

REFERRING VET

Blackey

INVOICE

53583

DATE

8-18-22