



PATIENT PRESENTING CLINICAL SIGNS

Breta Bulger Acute onset of episodes of weakness and occasional tremors/muscle fasciculations over the last 5 days. Falls down and then immediately stands back up and does not lose consciousness or seem disoriented. Tremors seem to come and go without any significant other signs. Feeling fine otherwise and is eating and drinking normal. Dog did go to neurologist on referral and they really could not determine if this is cardiac related or neurologic and suggested starting with radiographs. No previous history of heart problems and presently heart sounds normal with normal rate and rhythm. EC said they felt that heart sounds were slightly muffled but did not appreciate that today when radiographs were done. Submitted 3 view thorax and abdomen. Breta is a retired police dog and has always been in excellent health and no known major trauma. She has been retired for about 3 yrs.
Abnormal PE/Chem/CBC/UA Results: none

Belgian Malinois RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

A complete set of radiographs of the thorax & abdomen is provided for review.

SEX RADIOGRAPHIC FINDINGS

Spayed Female Thorax

The costal cartilages present moderate degenerative changes.

AGE The extrathoracic soft tissues present homogeneous without abnormalities.

12 Years The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

INTERPRETED BY

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

HOSPITAL NAME

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

Neighborhood Pet Health Center

The lung parenchyma presents the expected architecture and opacity with randomly distributed interspersed punctuate mineralization; the intrapulmonary vascular branching is seen up to the third order lung vessels.

REFERRING VET

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

Russell Johnson

Abdomen

INVOICE The vertebral endplates L1/L2, L2/L3 and L7/S1 present mild spondylosis formation.

59589 No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin. The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

DATE The liver is appropriate in position, size and presents uniform opacity.

7-31-23 The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.

Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary



PATIENT bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

Breta Bulger

The stomach is in its anticipated position and presents normal content.

SPECIES

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

Canine

The colon is seen in the expected position and presents with appropriate content.

RADIOGRAPHIC DIAGNOSIS

BREED

Belgian Malinois

- Degenerative changes costal cartilages
- Pulmonary osteomas
- Normal abdomen, but spondylosis formation along the lumbar spine

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study of the thorax and abdomen presents without clinically relevant pathologies.

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Neighborhood Pet
Health Center

REFERRING VET

Russell Johnson

INVOICE

59589

DATE

7-31-23



PATIENT 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.

Breta Bulger

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.

SPECIES

Canine

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

BREED

Belgian Malinois

SEX

Spayed Female

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Neighborhood Pet
Health Center

REFERRING VET

Russell Johnson

INVOICE

59589

DATE

7-31-23