



PATIENT

Stark Romero

PRESENTING CLINICAL SIGNS

5 year old male, intact, French bulldog. Present to Scottsdale Vet Clinic on Sunday am for: pacing, excessive panting. B/w - stress leukogram seen otherwise, unremarkable. Abdominal radiographs showed suspected constipation. Repeat radiographs thoracic and abdominal performed today. PE: painful to spinal palpation and tense on abdominal palpation. Small amount of urine leakage. Subjectively enlarged/rounded heart? Spondylosis and OA? Lung pathology?

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

BREED

French Bulldog

Right/left lateral and ventrodorsal images of the thorax and abdomen totaling 6 images available for review.

RADIOGRAPHIC FINDINGS

SEX

Male

Thorax

Course and width of the trachea are considered within normal limits.

Mild enhancement of the bronchial tree is seen with a linear pattern.

AGE

5 Years, 1 Month

Occasional mild peribronchial cuffing is seen in the caudodorsal aspect of the lung.

No evidence of mediastinal widening is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The cardiovascular structures present within normal limits.

Abdomen

The liver is slightly small in size.

HOSPITAL NAME

Ahwatukee Commons
Veterinary Hospital

The spleen, kidneys, urinary bladder, and gastrointestinal tract present within normal limits.

Enlargement of the prostate is seen and considered within the expected limits for a non-neutered male.

REFERRING VET

Dr. Housley

Note the presence of multiple congenital vertebral malformation within the thoracic and lumbar spine.

T6, T7, T8, T9, T10, T12, and T13 are hemivertebrae.

Mild caudal thoracic kyphosis is seen.

INVOICE

54407

There is spondylosis deformans between T12 and T13.

L1 has a right sided vestigial rib.

DATE

10-3-22

L2 is a mild butterfly vertebra.

L7 is shortened and there is incomplete fusion of the 1st sacral vertebra.



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The intervertebral discs L2/3, L5/6, and L6/7 present mineralization. A mild amount of mineralized material appears to superimpose onto the neuroforamina and vertebral canal level with L5/6 and L6/7.

SPECIES

Canine

RADIOGRAPHIC DIAGNOSIS

- Mild bronchial lung pattern.
- Normal radiographic findings of the abdomen.
- Multiple congenital vertebral malformations within the mid thoracic and lumbar spine with hemivertebrae from T4-T10 and T12/13, asymmetric transitional vertebra L1, butterfly vertebra L2, and spina bifida S1.
- Multifocal chondroid disc degeneration with potential for disc hernia in the caudal lumbar spine.
- Caudal thoracic kyphosis.

BREED

French Bulldog

SEX

Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A mild bronchial lung pattern is noted which may be due to irritant bronchitis, eosinophilic/allergic bronchopneumopathy, or infectious bronchitis such as viral, bacterial, or parasitic. The radiographic findings are mild and clinical significance is uncertain. Further definition should be considered in case of coexisting clinical signs.

AGE

5 Years, 1 Month

Multiple congenital vertebral malformations are noted within the thoracic and lumbar spine as well as mild caudal thoracic kyphosis and intervertebral disc disease within the caudal lumbar spine, which are all potential sources for the spinal pain described in the history of the patient. Further definition by means of cross sectional imaging should be considered in case of persisting or deteriorating clinical signs in order to primarily rule out compressive disc extrusion, which French bulldogs have a high incidence of.

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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

French Bulldog

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SEX

Male

AGE

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