



PATIENT

Emma Old Dog Haven

SPECIES

Canine

BREED

Boston Terrier

SEX

FS

AGE

15 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northshore
Veterinary Hospital

REFERRING VET

Brita Kiffney

INVOICE

55844

DATE

12-25-22

PRESENTING CLINICAL SIGNS

The owner had to relinquish her due their poor health. She is now going to be fostered by Old Dog Haven.

Abnormal PE/Chem/CBC/UA Results: Significant dental disease, decreased proprioception bilateral hind, fecal incontinence normal cbc chem ua and total thyroid

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Right/left lateral and ventrodorsal whole body views totaling 3 images available for review.

RADIOGRAPHIC FINDINGS

Mild generalized osteopenia is noted.

Abdomen

The left coxofemoral joint presents mild osteoarthritic changes.

The stifle joints present moderate osteoarthritic changes. One stifle joint has a history of transposition of the tibial tuberosity.

There is an approximately 1 x 0.8 cm sized mineral opaque ovoid structure in the position of the gallbladder.

The liver is of normal size and shape.

Moderate gastrointestinal aerophagia is noted.

The urinary bladder is moderately distended with no evidence of mineral opacities.

The kidneys present within normal limits.

Thorax

The degree of pulmonary inflation is fair. A moderate generalized bronchointerstitial lung pattern is noted.

There is mild esophageal aerophagia which is an incidental finding.

The radiographic presentation of the cardiac silhouette and pulmonary vasculature is within normal limits.

No evidence of abnormal mediastinal widening is seen.

Mild generalized tracheal hypoplasia is noted.

There are multiple thoracic hemivertebrae at T5, T7, T11, and T12.

Permeative lysis and amorphous periosteal new bone formation of the vertebra T12 are seen.



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There is moderate caudal thoracic kyphosis centering over T11.

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RADIOGRAPHIC DIAGNOSIS

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- Multiple congenital vertebral malformations.
- Suspect aggressive osteolysis of the thoracic vertebra 11.
- Large gallbladder calculus.
- Normal radiographic presentation of the thorax.
- Mild generalized tracheal hypoplasia.
- Mild left sided coxofemoral joint osteoarthritis.
- Bilateral stifle osteoarthritis with unilateral history of transposition of the tibial tuberosity.
- Generalized osteopenia – likely age related.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals multiple congenital vertebral malformation within the thoracic spine which is a common finding in corkscrew tailed breeds. There appears to be potential for aggressive osteolytic changes of the 11th thoracic vertebra. Primary or secondary neoplasia of bone should be considered a potential differential diagnosis as well as benign osteopenia with atypical presentation of spondylosis deformans. Further definition by means of cross sectional imaging could be considered depending on the clinical context.

There is a large gallbladder calculus which is likely to be nonobstructive. Correlation with the laboratory values and clinical findings recommended. Further definition by means of ultrasound or CT could be considered.

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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.

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.

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