

**PATIENT PRESENTING CLINICAL SIGNS**

Shreck Fleming Swelling over lumbar spine that came up last week and was non-painful. Administered rimadyl injection. Has gotten larger and more firm since. Patient appears to be painful on palpation of the area.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE LUMBAR SPINE**

Canine Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS****BREED**

English Bulldog

An ovoid cavitory lesion with thick wall and peripheral contrast enhancement as well as contrast sparing fluid attenuating center is seen dorsal to the mid lumbar spine in the midline and slightly to the right of it. The lesions measures approximately 4.0 cm in length, 3.0 cm in width, and 2.0 cm in height. Extensive peripheral fat stranding is seen and thin soft tissue attenuating bands can be traced ventrally to connect to the midline fascia and spinous processes of the vertebrae L2, L3, and L4. There is no evidence of split of these spinous processes or other vertebral malformation in the respective vertebrae. No evidence of connection to the vertebral canal is seen.

**SEX**

Neutered Male

L1 is a butterfly shaped hemivertebra.

**AGE**

L1/2 spondylosis deformans is noted.

2 Years

**COMPUTED TOMOGRAPHIC DIAGNOSIS****INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

- Suspect dermoid sinus with no osseous spina bifida and with peripheral cellulitis.
- Congenital vertebral malformation: hemivertebra L1
- Spondylosis deformans L1/2.

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

Differential diagnosis for the subcutaneous cavitory lesion in the dorsal midline includes dermoid sinus as a primary differential diagnosis. Abscess due to perforating injury or foreign material cannot be ruled out entirely but is thought less likely. Dermoid cyst/atheroma is thought unlikely as well. Connective tissue bands appear to connect with the fascia of the midline and dorsal spinous processes. No overt vertebral canal involvement is seen.

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Meaux

**INVOICE**

53123

**DATE**

7-27-22



**PATIENT**

Shreck Fleming

**SPECIES**

Canine

**BREED**

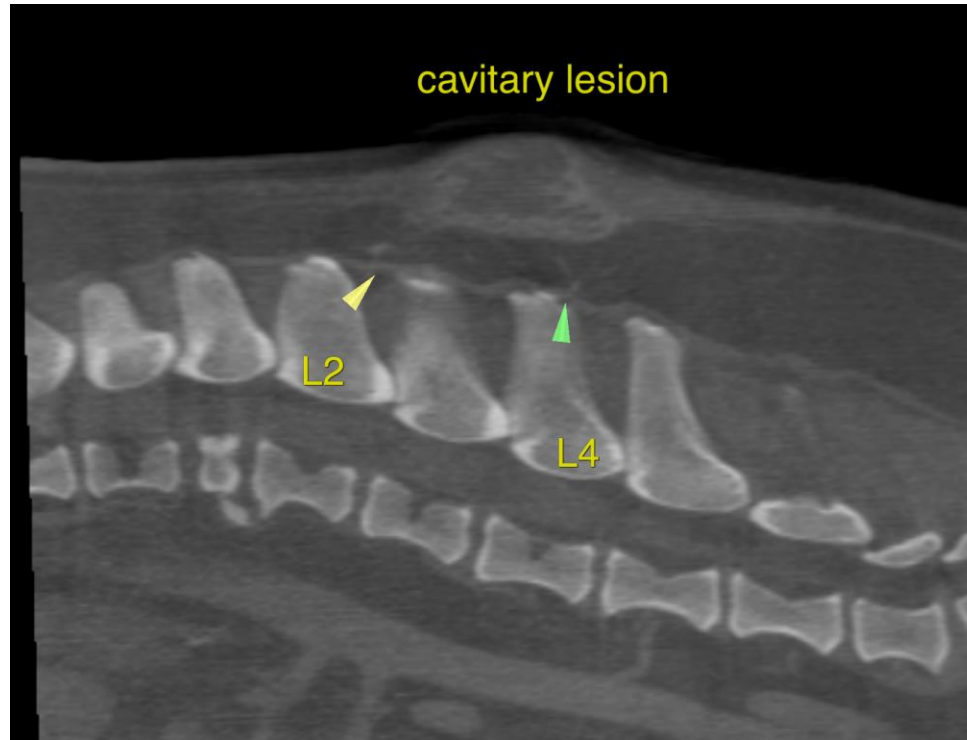
English Bulldog

**SEX**

Neutered Male

**AGE**

2 Years



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DipECVDI

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

**HOSPITAL NAME**

Mobile Pet Imaging

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