

## IT'S YOUR CASE

Species: Canine      Breed: Crossbreed, medium      Sex: Male Neutered      Age: 7 years

**Clinical History:** Subacute onset hind limb paraplegia

Rule outs: top differential IVDD, other trauma, neoplasia, infectious, idiopathic

**Number of series / images:** 1 / 1

**Series:** SPINE\_LAT RIGHT

**Study dated:** 10/05/2021

**Study received:** 10/05/2021

**Anatomic regions:** Spine T3-L7/S1

**Details of study and technical comments:** a lateral radiographs of the lumbar vertebral column dated May 10 is provided for interpretation. The study is of diagnostic quality.

**Diagnostic interpretation:**

There are 7 lumbar vertebrae, there are no transitional vertebrae.

At L2-3, the intervertebral disc is mineralized, the disc space is narrowed compared to the adjacent spaces (blue arrow heads). The intervertebral foramen (blue star) is also smaller than the adjacent spaces, the synovial articulation (yellow arrowheads) is also smaller than the adjacent spaces. A needle or other radiopaque feature is present at the spinous process of L1 (placed prior to the radiographs as a marker).

There are no other substantial findings.

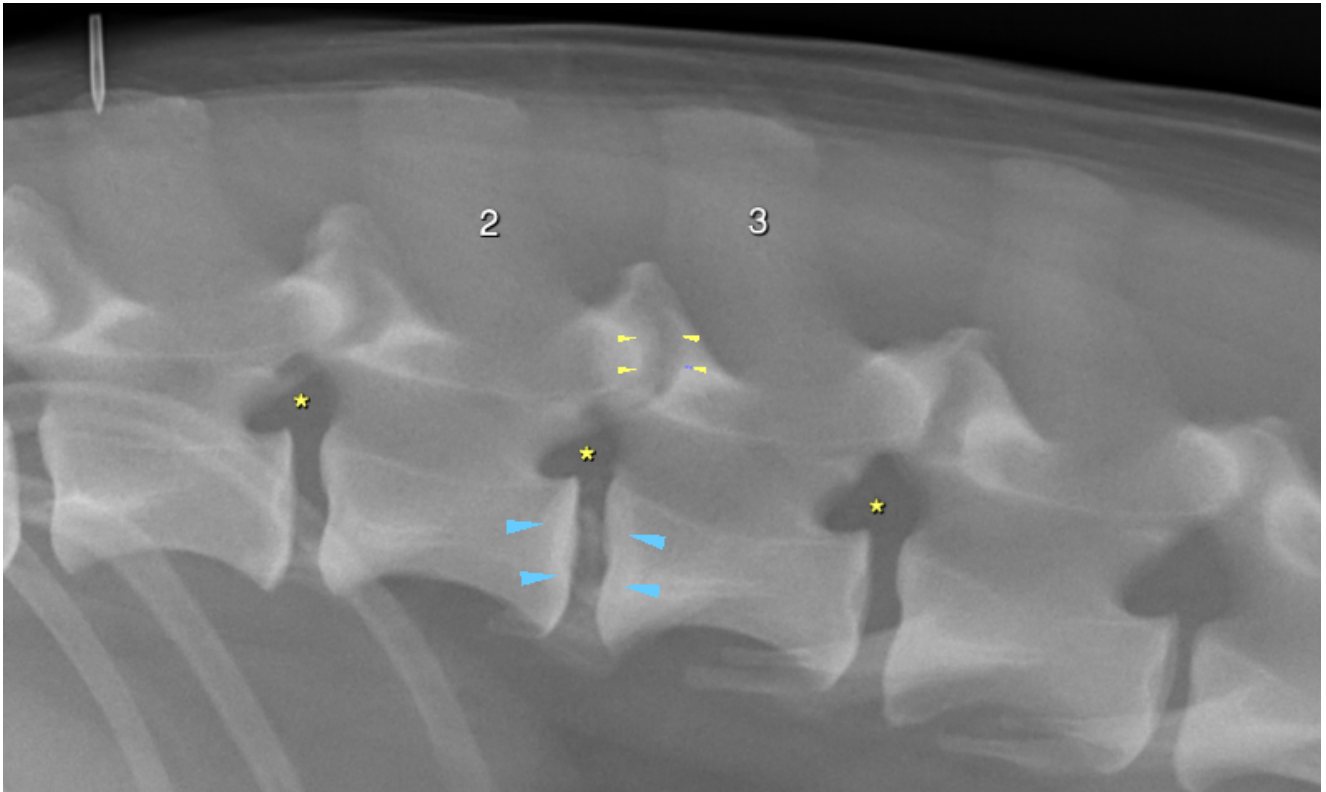


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This report is based on the available history and radiographic interpretation only and not on a physical examination of the patient. It has been prepared specifically for interpretation by the currently licensed and registered veterinary surgeon responsible for the care of this patient.



**Conclusions:**

1. Degenerative intervertebral disc at L2-3, concerning for herniation-please correlate with MRI or CT findings to confirm disc extrusion, assess disc volume and location of material for surgical planning.
2. No evidence of discospondylitis or aggressive bone lesion of the vertebrae.

**Additional comments:**

An MRI for this case did confirm disc herniation, the radiographs are very useful to help exclude discospondylitis or aggressive vertebral mass as a cause of the clinical signs.



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