

# Diagnostic Exercise

## From the CL Davis/SW Thompson Foundation

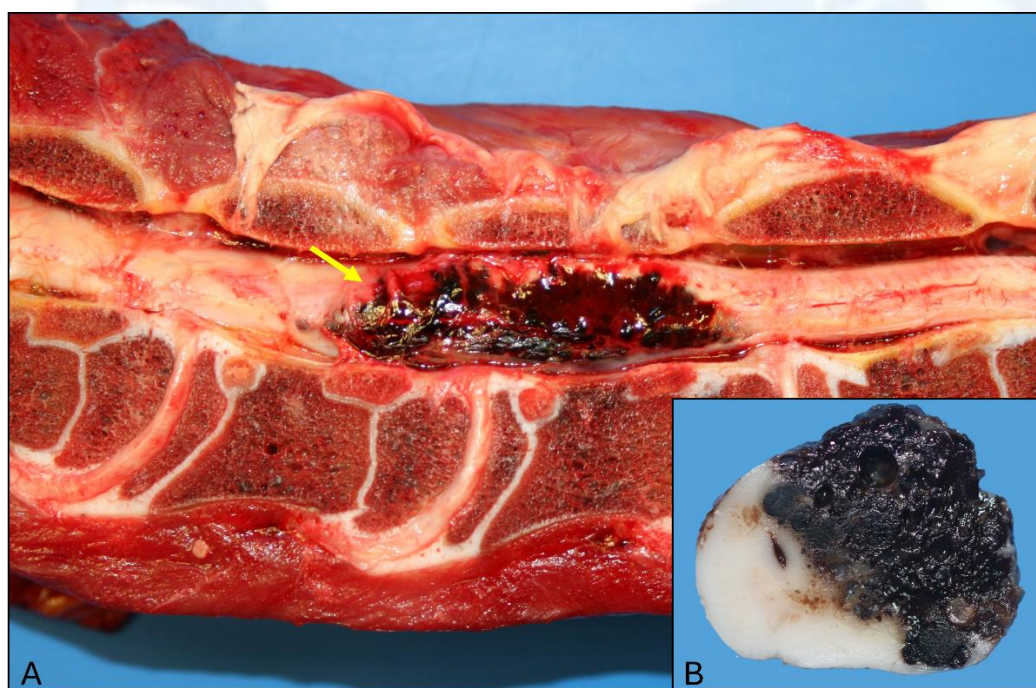
Case :265; Month: **July**; Year: **2024**

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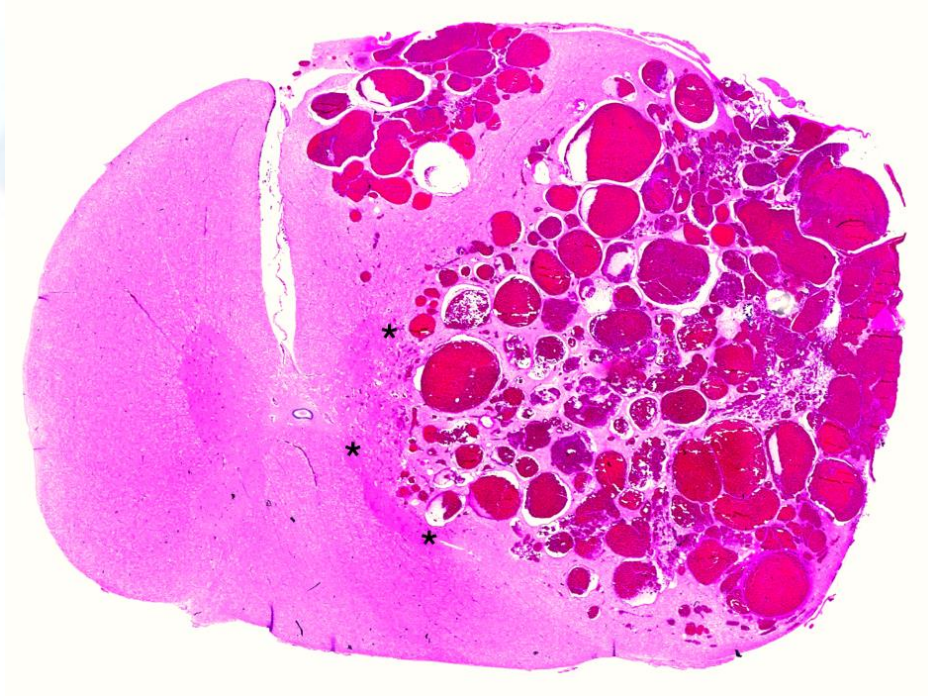
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**Clinical history:** A three-day-old Arabian filly with a history of not being able to stand unassisted after birth and lack of control over the right front and right hind limbs. The filly had inadequate proprioceptive responses, with absent pain/withdraw answers, and failed to respond to medical therapy. Due to the poor prognosis, euthanasia was elected, and a full necropsy was performed.

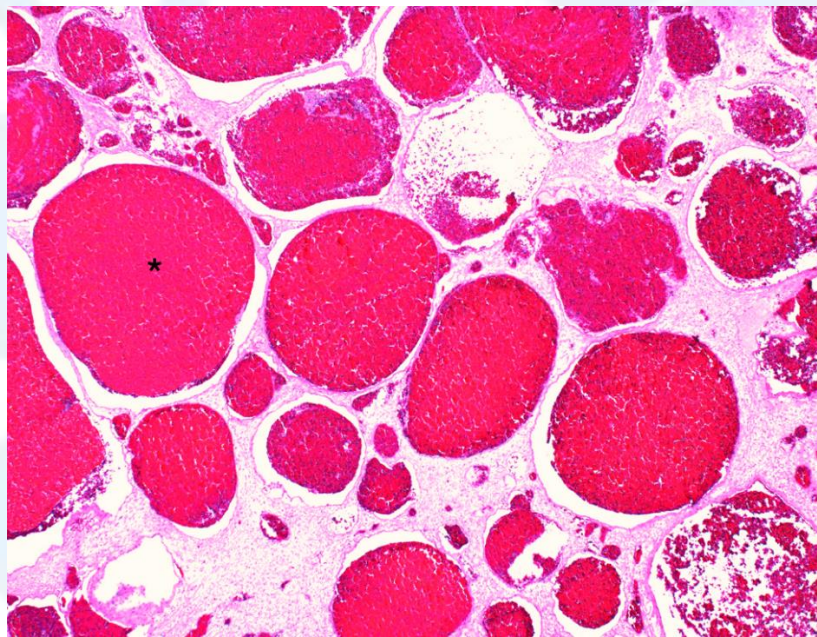
**Necropsy findings:** Paramedial section of the whole spinal canal revealed spindle shape, dark-red, friable masses measuring ~ 8 cm and 4 cm long at the level of C4-C5 and T7-T8, respectively. These masses invaded approximately half of the spinal cord diameter, which was ~ 25% thicker than normal (Fig 1).



**Figure 1.**



**Figure 2.**



**Figure 3.**

**Follow-up questions:**

- *Histologic findings:*
- *Morphologic diagnoses:*
- *Most likely differential diagnoses:*

\*The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. Consider submitting an exercise! A final document containing this material with answers and a brief discussion will be posted on the CL Davis website (<https://davisthompsonfoundation.org/diagnostic-exercise/>).

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