Diagnostic Exercise
From The Davis-Thompson Foundation*

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Clinical History: This 7-year-old Angus cow weighed 1605 lbs on February 18, 2018. On April 1, 2018, the cow was moving slowly and appeared “sucked up”. The weight had dropped to 1490 lbs and the cow developed watery diarrhea. On April 11, 2018, the cow weighed 1177 lbs. Laboratory tests for *Clostridium* spp., Rotavirus, *Giardia*, *Cryptosporidium*, Johne’s disease, and fecal ova and parasites were all negative.

Necropsy Findings: The diaphragm, pericardial sac, and abomasum had varisized, multifocal to coalescing, raised, tan areas.

Gross Images:

![Gross Images](image1.jpg)

Figure 1. Diaphragm (left) and abomasum (right).

Follow-up Questions: Morphologic diagnosis, possible cause(s), and cell type affected.

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