



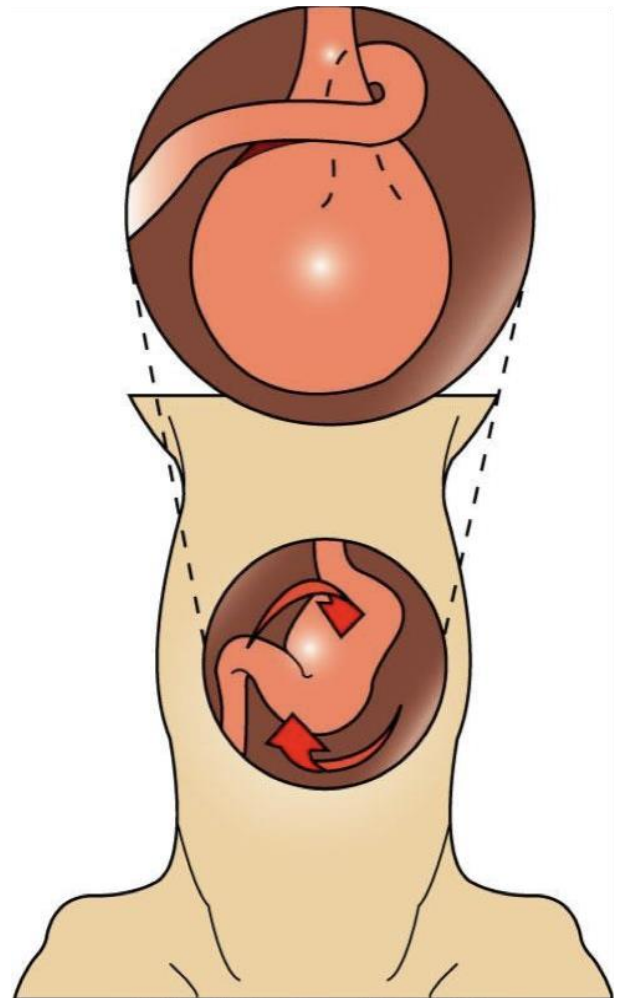
## GDV ALE

### CONTEXT

Gastric dilatation and volvulus (GDV) is a life-threatening condition of dogs that is seen in small animal practice and is a true emergency. As part of this ALE, you will use the Advanced GI model you built in the last lab to simulate the anatomic abnormalities that occur with GDV, return the components to their correct anatomic position and discuss the surgical procedure used to prevent it from recurring (gastropexy).

### INSTRUCTIONS

1. Define dilatation, volvulus & the suffix -pexy.
2. Get oriented to the model.
3. Simulate the dilatation and volvulus seen in a GDV per the video from the case presented.
4. Discuss the blood supply (and the associated mesenteries) to the spleen and stomach and how they are interrelated.
5. Explain how dilatation and volvulus each compromise blood flow.
6. Explain how volvulus affects the flow of ingesta.
7. Rotate the stomach, spleen, etc. back to normal.
8. Repeat as needed.
9. Reset to normal once finished.



(From Fossum TVV: Small animal surgery, ed 2, St Louis, 2002, Mosby.)

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