

Bezoar

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Patient Review

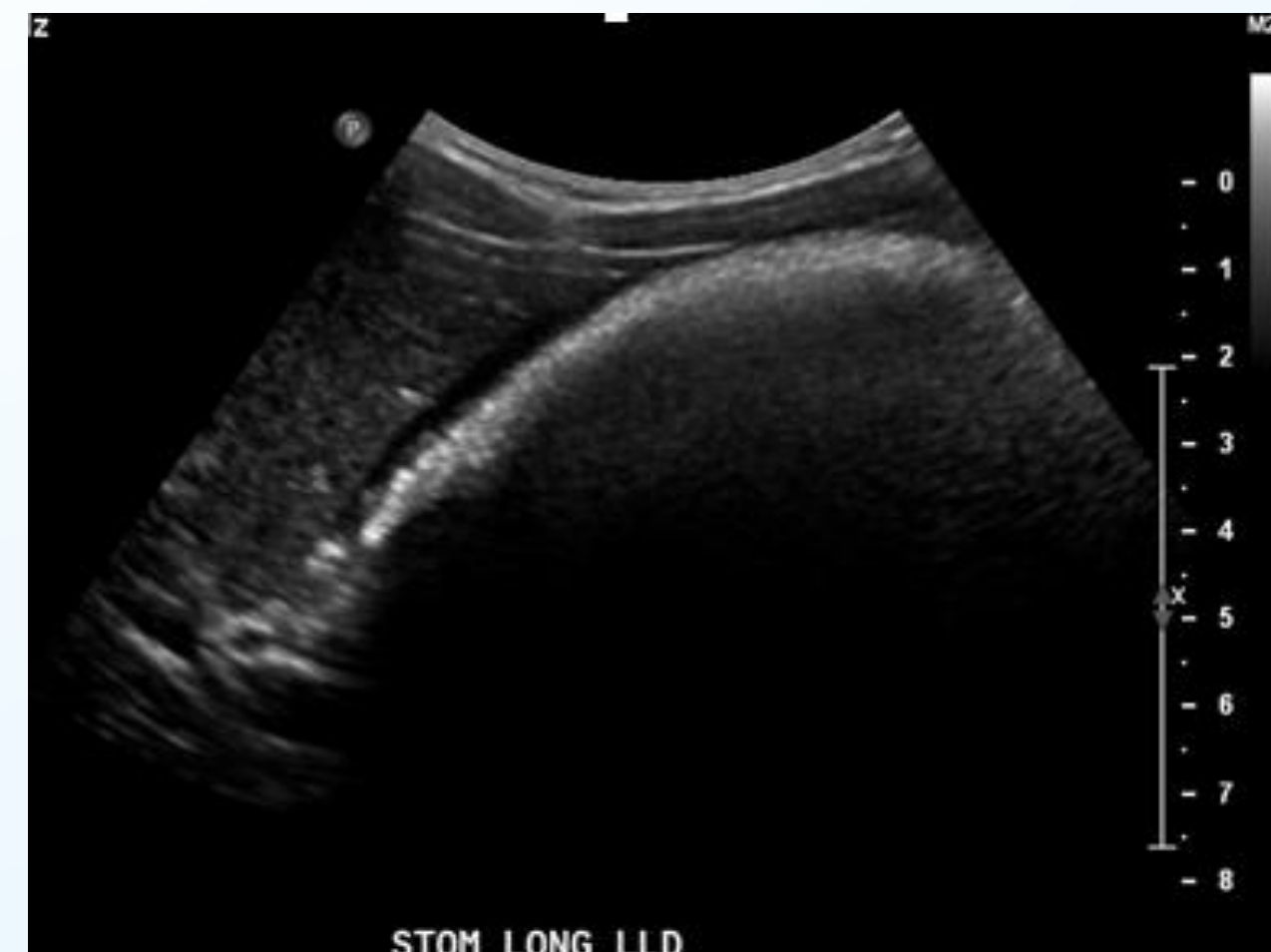
Symptoms:

- ◆ Abdominal pain
- ◆ Gastric Distension
- ◆ Epigastric Mass

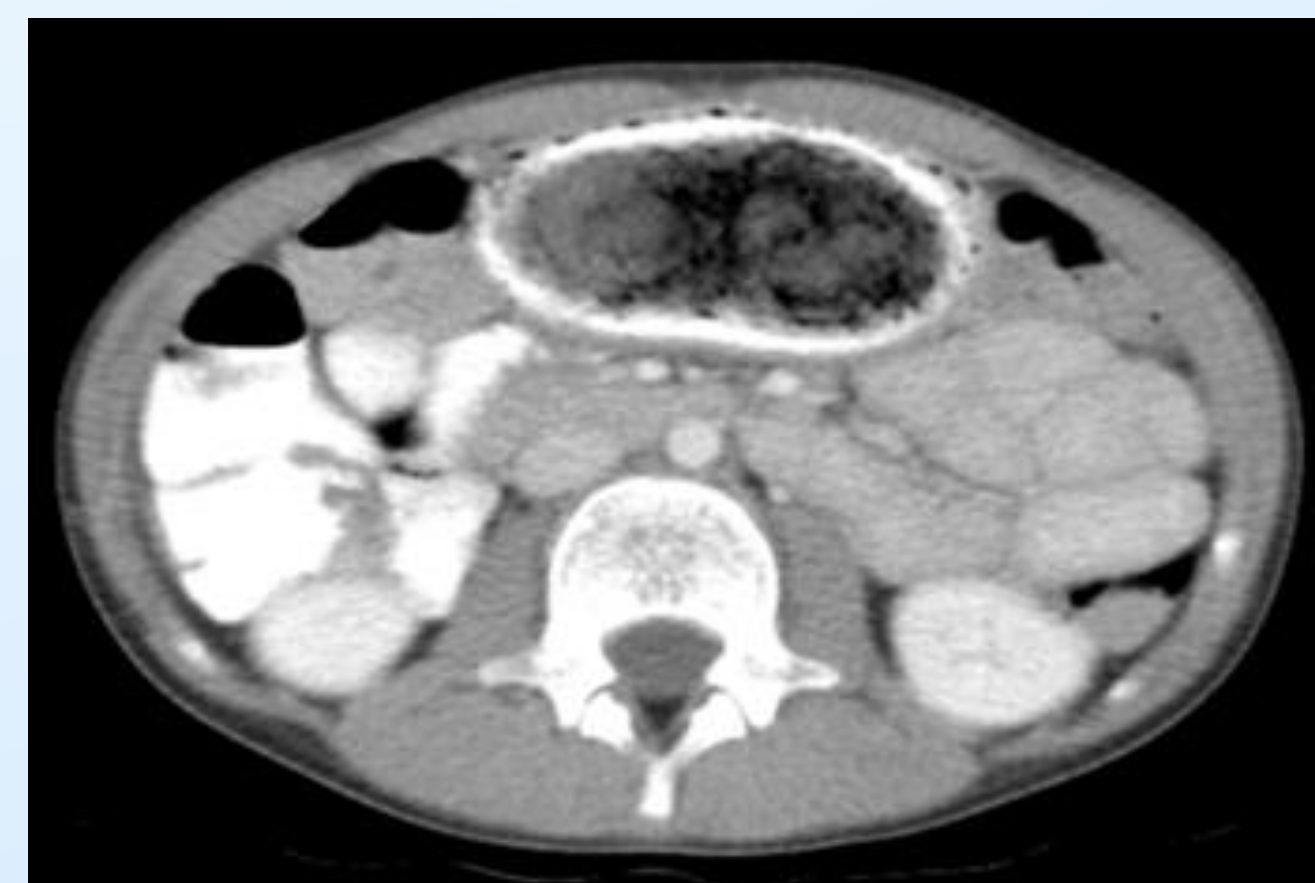
Risk factors:

- ◆ Female
- ◆ 9 years of age
- ◆ Anxiety

Exam Findings:



- ◆ Ultrasound of the stomach displaying an echogenic arc with posterior acoustic shadowing



- ◆ Contrast CT verifying the presence of a gastric bezoar

Diagnosis:

- ◆ Trichobezoar

Patient Treatment:

- ◆ The patient was not treated at the imaging facility so her specific course of treatment is unknown

Patient Outcome:

- ◆ Full recovery

Bezoar Types

- ◆ Lactobezoar – composed of solidified milk curd
- ◆ Pharmacobezoar – composed of medication/medication capsules
- ◆ Phytobezoar – composed of vegetable material
- ◆ Trichobezoar – composed of hair

Pathogenesis

- ◆ Unique – non-viral, non-bacterial, non-communicable, non-cellular
- ◆ Formed when an indigestible substance accumulates within the stomach
- ◆ If ingestion of the substance continues, the mass will continue to grow until treatment or patient demise occurs
- ◆ Trichobezoars may trail into the small intestine or break into small masses with the stomach
- ◆ Prevalent in patients with mental illness/disorder or history of a gastric procedure

Effects

- ◆ Gastric distension
- ◆ Digestive cessation

Treatments

- ◆ 1st - Non-surgical approach
 - ◆ Dissolvent via oral ingestion, nasogastric lavage, or endoscopic irrigation
 - ◆ Endoscopic disruption
- ◆ 2nd - Surgical Removal
 - ◆ After non-surgical options have failed
 - ◆ Emergency
- ◆ Varies case by case

Outcomes

- ◆ Full recovery
- ◆ No long term effects

References

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