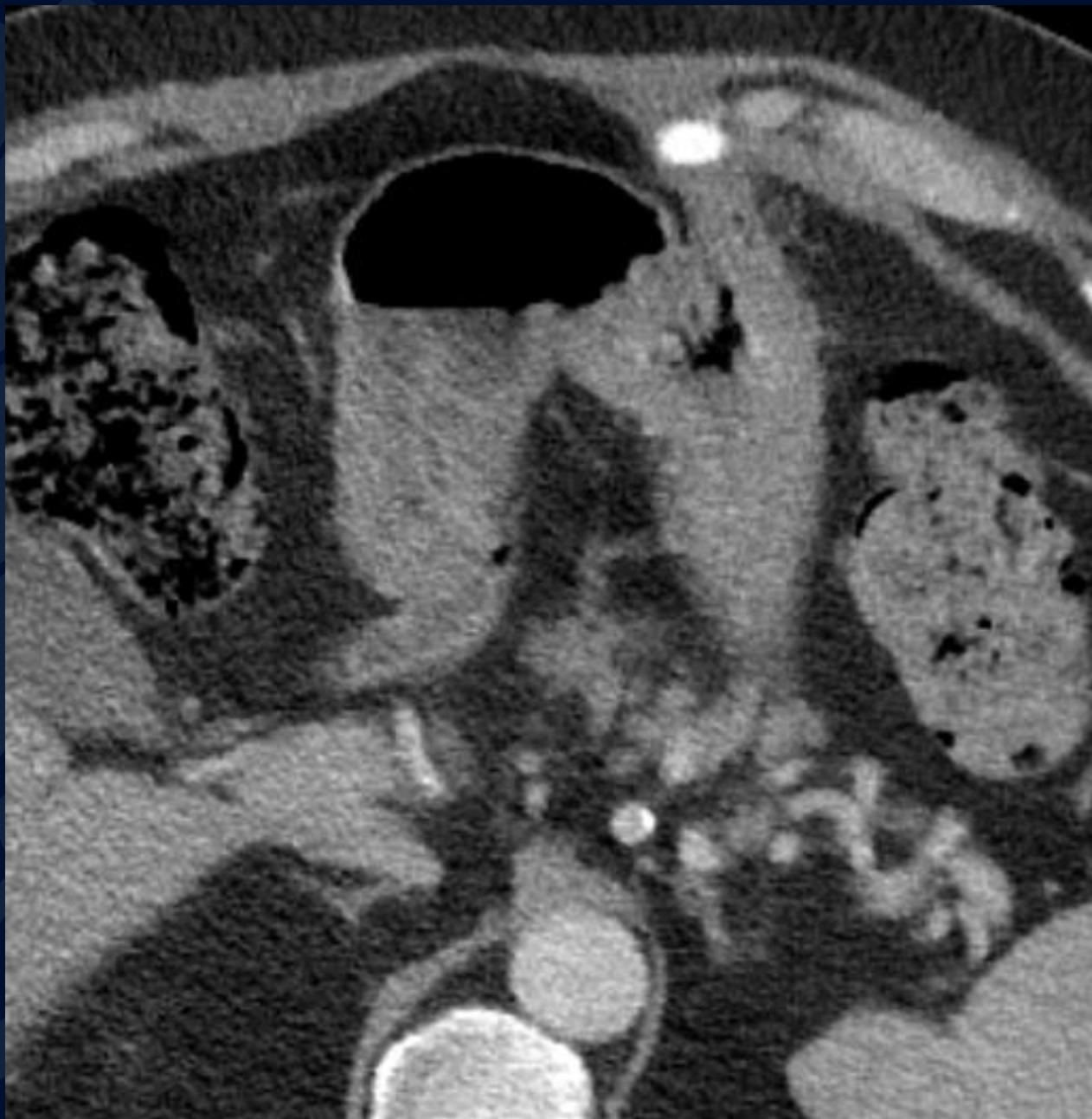


# 54 y/o male with difficulty using gastrostomy tube

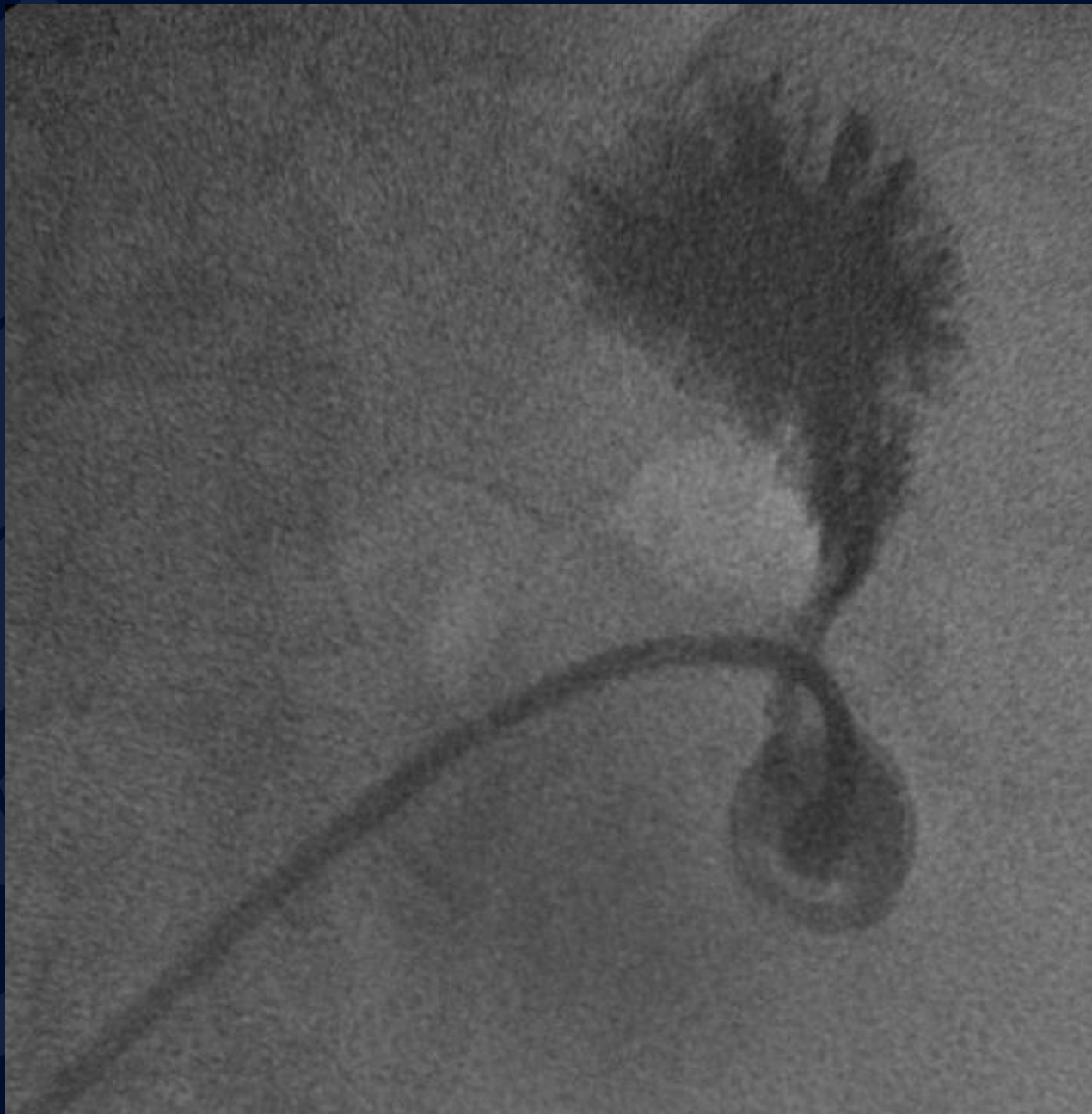
Atul Kumar, MD MS  
Charan K Singh, MD



Axial view of upper abdomen at level of stomach

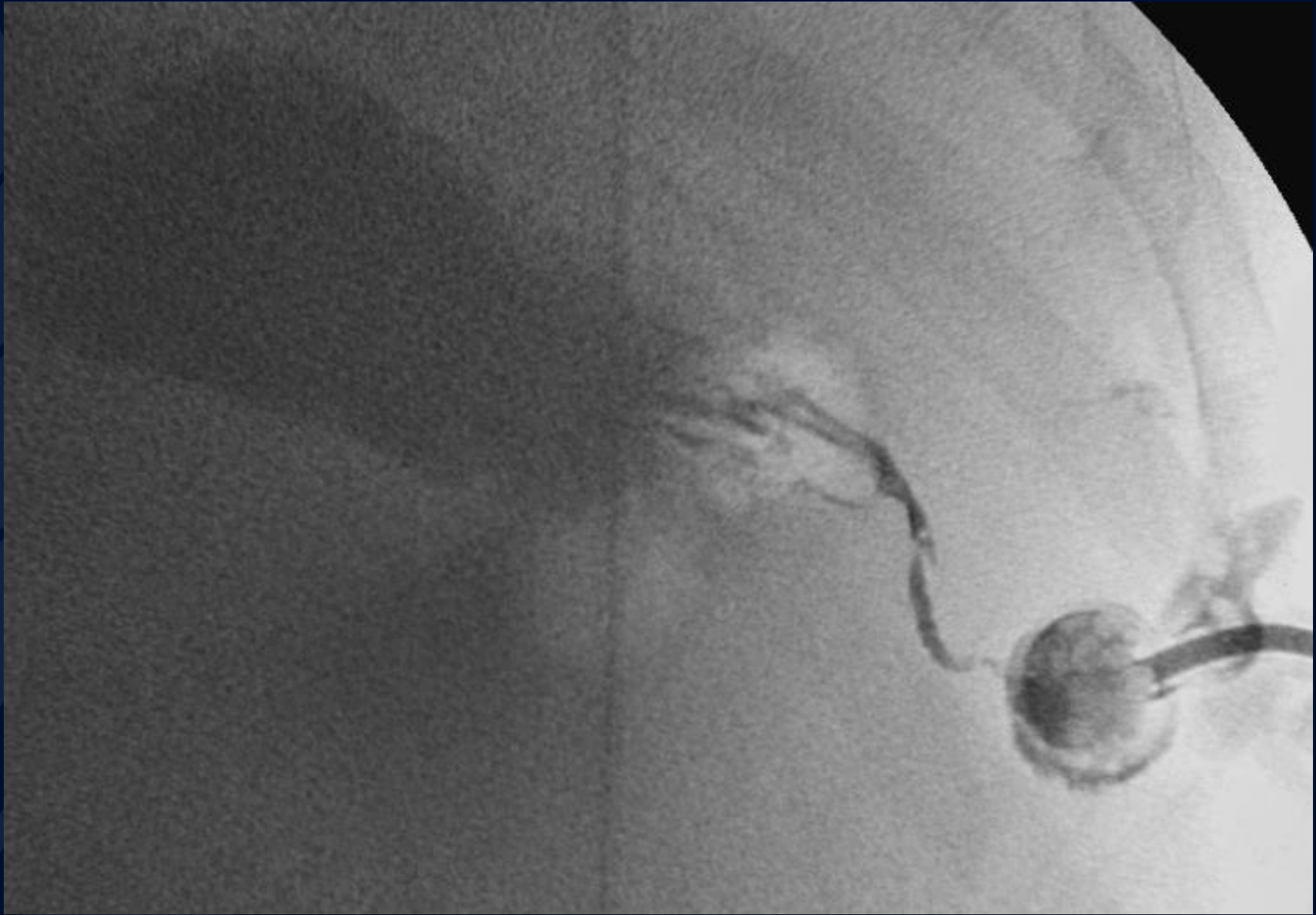


Axial view of upper abdomen at level of stomach



Frontal fluoroscopic  
view of abdomen  
after injection of  
enteric contrast via  
gastrostomy tube





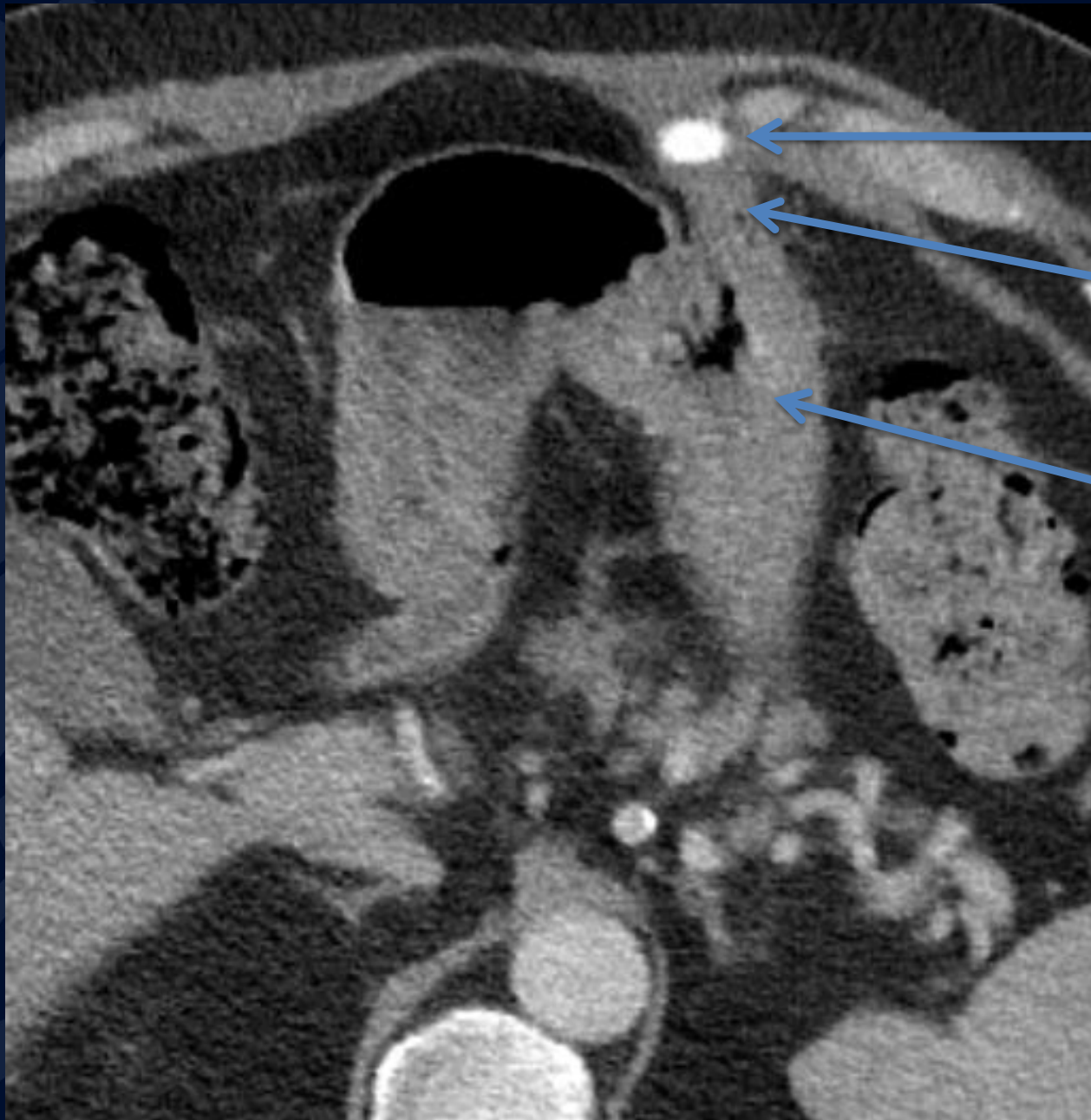
Oblique fluoroscopic view of abdomen after injection of enteric contrast via gastrostomy tube

A large, stylized oak leaf graphic in a dark blue color, positioned on the left side of the slide. It features detailed vein patterns and a lobed edge.

?

A large, stylized oak leaf graphic in a dark blue color, positioned on the left side of the slide. The leaf has a prominent central vein and several smaller veins branching off it. The background of the slide is a solid dark blue.

# Buried Bumper Syndrome



Gastrostomy  
tube

Gastrocutaneous  
fistula

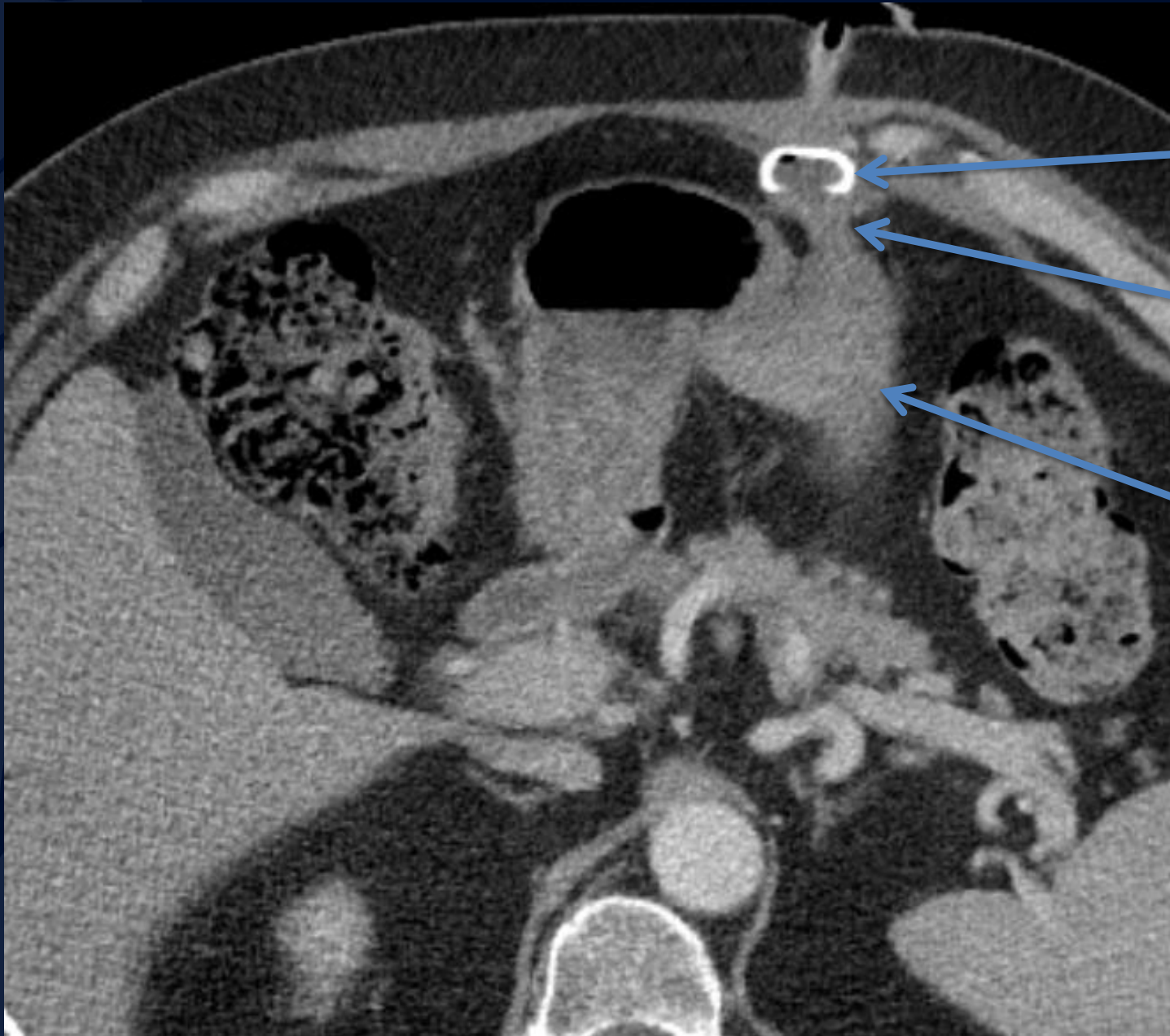
Stomach

Axial view of upper  
abdomen at level of  
stomach

**UConn**  
**HEALTH**

RADIOLOGY





Gastrostomy  
tube

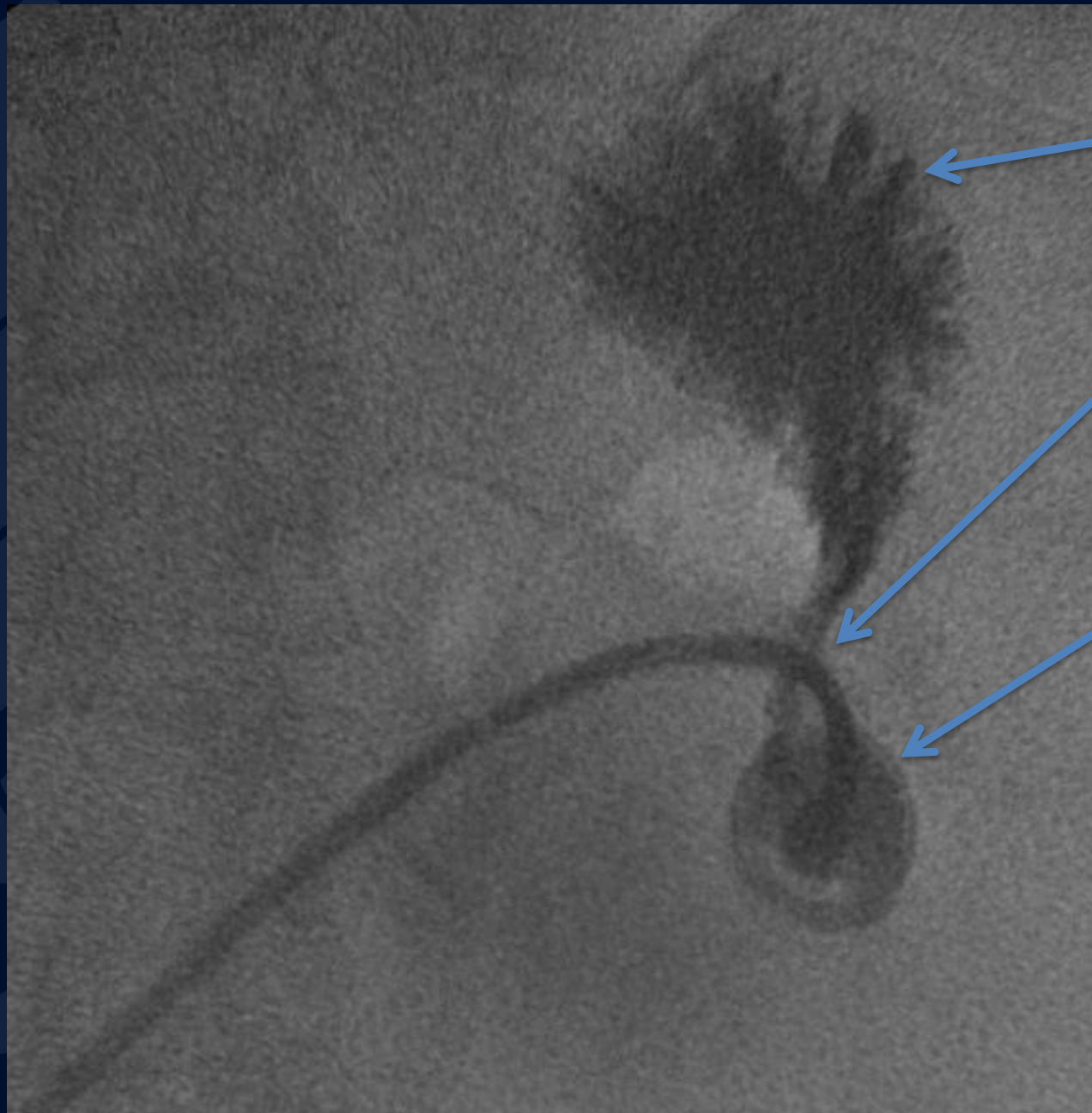
Gastrocutaneous  
fistula

Stomach

Axial view of upper  
abdomen at level of  
stomach

**UConn**  
**HEALTH**

RADIOLOGY



Stomach

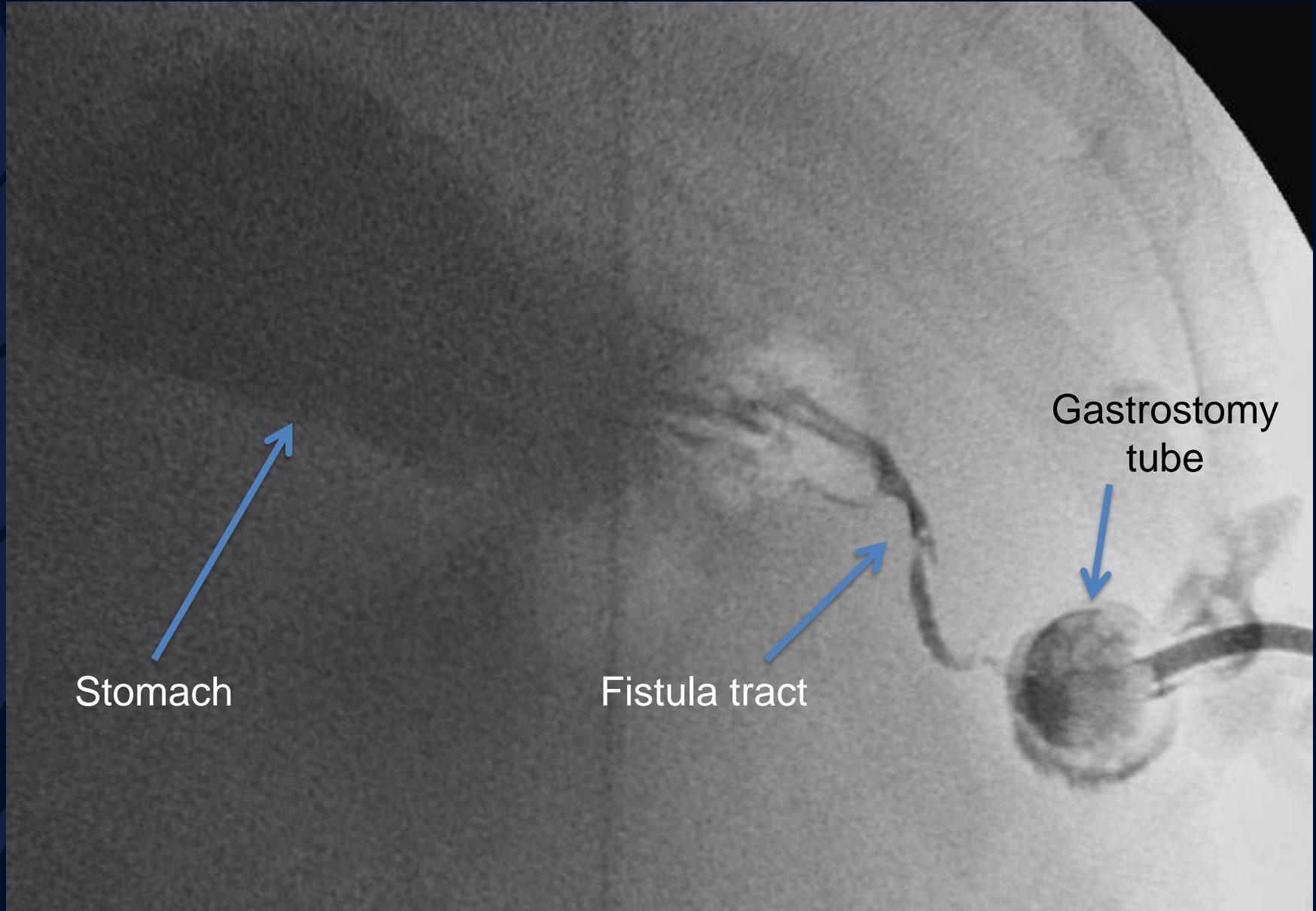
Gastrocutaneous  
fistula

Gastrostomy  
tube

Frontal fluoroscopic  
view of abdomen  
after injection of  
enteric contrast via  
gastrostomy tube

**UConn**  
**HEALTH**

RADIOLOGY



Stomach

Fistula tract

Gastrostomy  
tube

Oblique fluoroscopic view of abdomen after  
injection of enteric contrast via gastrostomy  
tube

# Buried Bumper Syndrome

- Internal fixation device/bumper migrates along sinus tract with the bumper/tube lodged along the sinus tract from stomach to skin
- Rare complication with varied rate of occurrence approximately 1%
- Presentation
  - Abdominal pain
  - Tube malfunction/leak
  - Infection/Abscess
- Complications
  - GI bleeding
  - Perforation
  - Abscess
  - Peritonitis
- Treatment
  - Replacement of PEG if possible
  - Remove PEG even in asymptomatic patients

# References

- Cyrany, Jiri. “Buried Bumper Syndrome: A Complication of Percutaneous Endoscopic Gastrostomy.” *World Journal of Gastroenterology*, vol. 22, no. 2, 2016, p. 618., doi:10.3748/wjg.v22.i2.618.
- Afifi, Ibrahim, et al. “The Challenging Buried Bumper Syndrome after Percutaneous Endoscopic Gastrostomy.” *Case Reports in Gastroenterology*, vol. 10, no. 2, 2016, pp. 224–232., doi:10.1159/000446018.