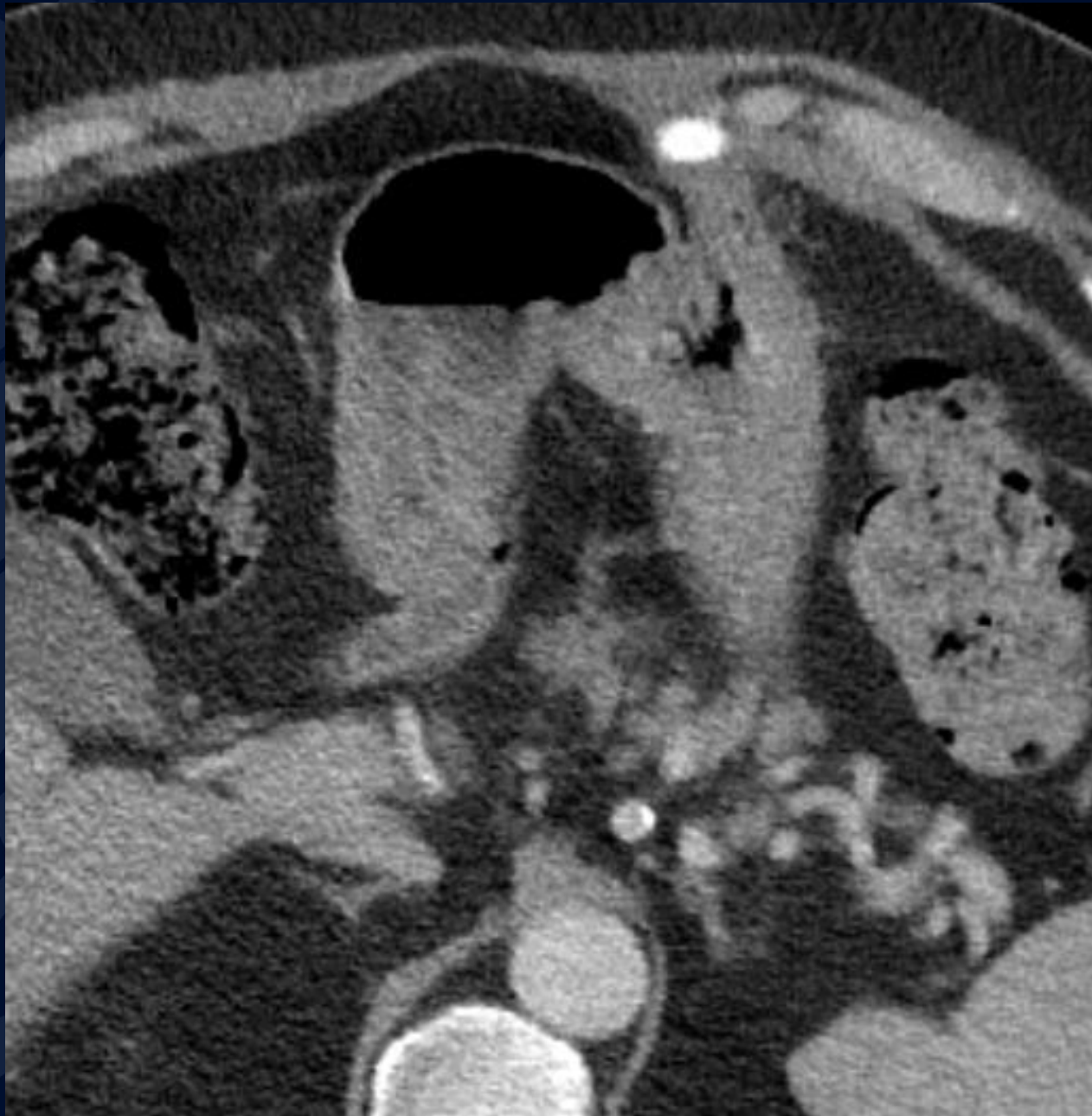


54 y/o male with difficulty using gastrostomy tube

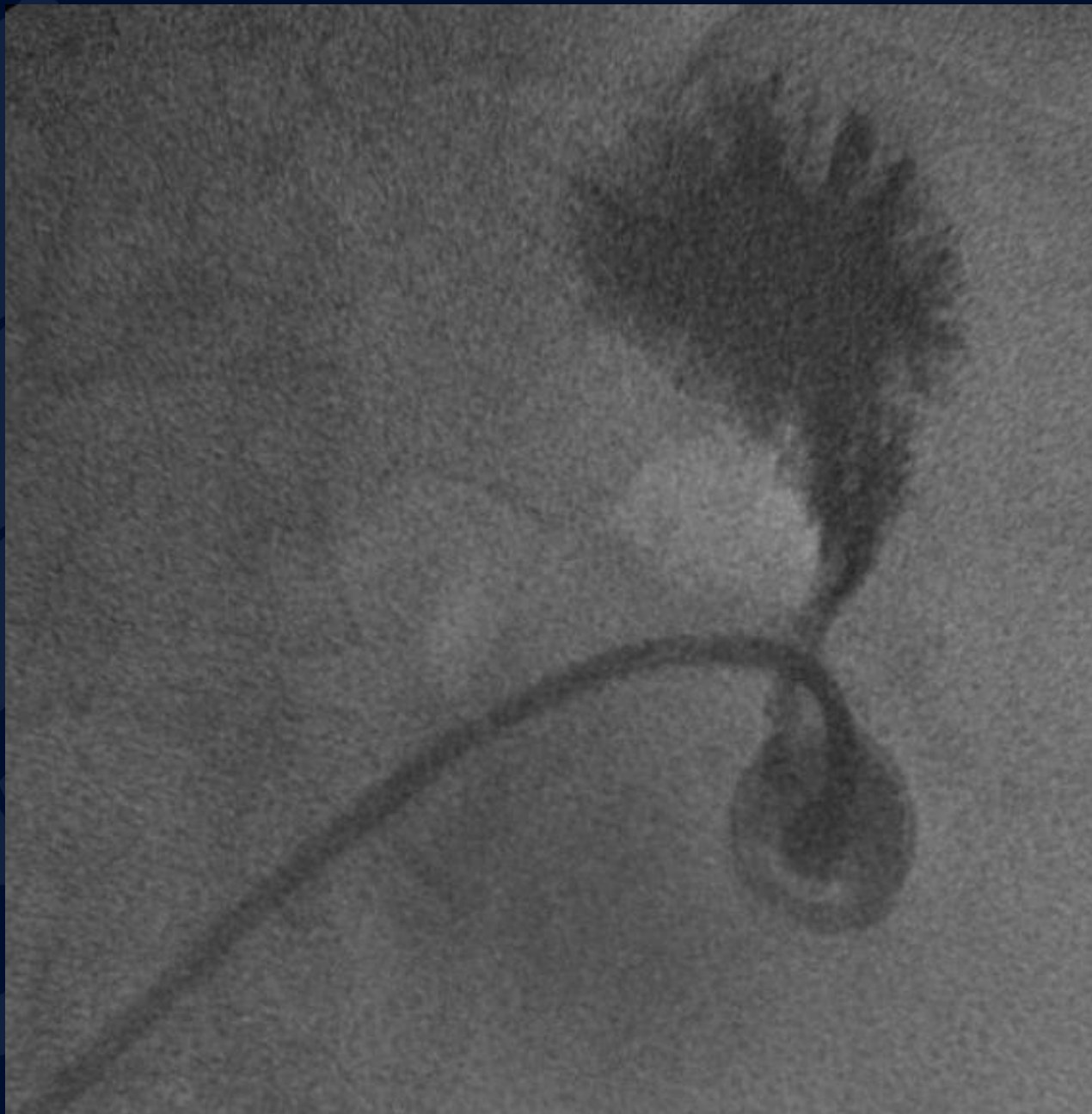
Atul Kumar, MD MS
Charan K Singh, MD



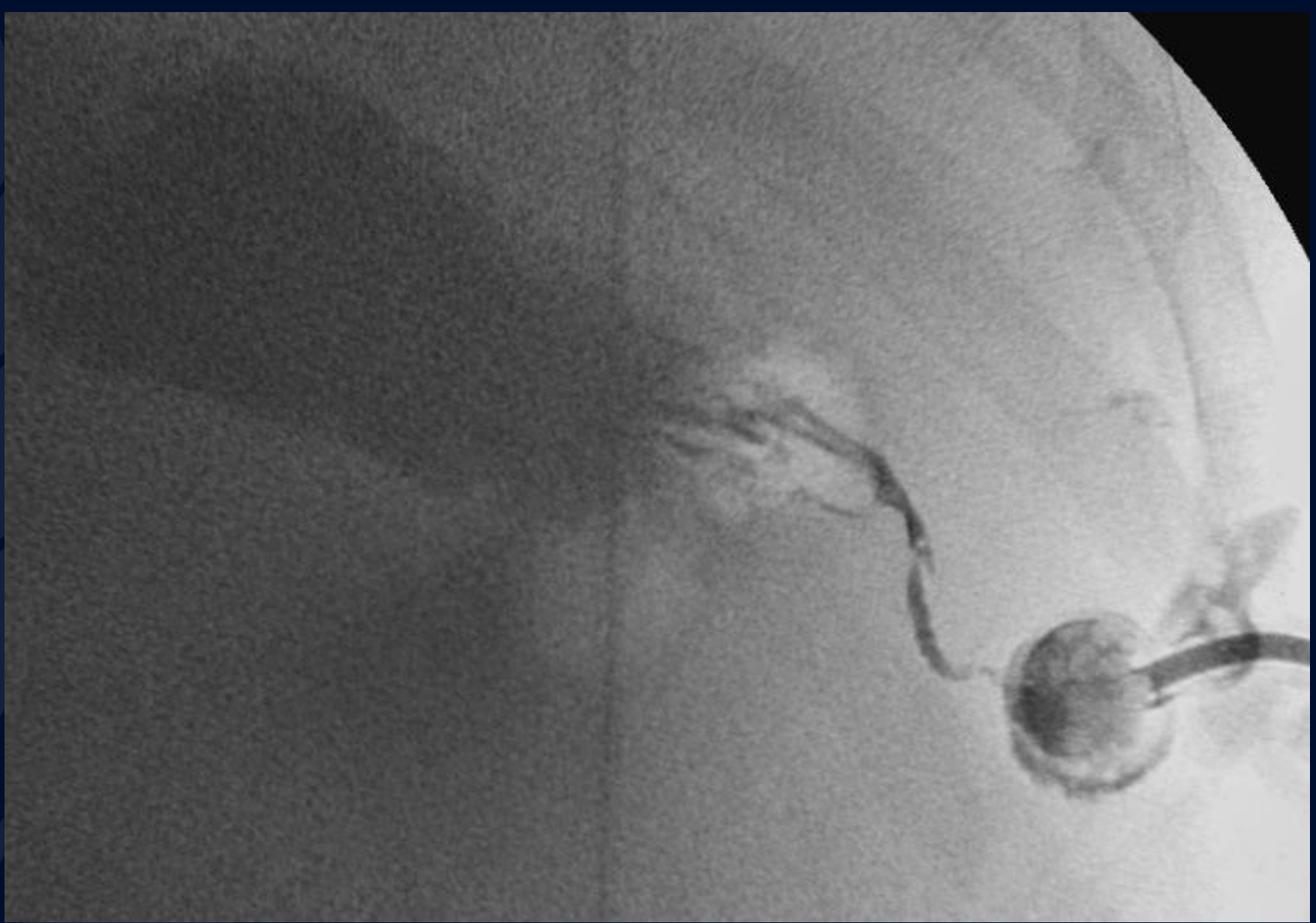
Axial view of upper
abdomen at level of
stomach



Axial view of upper abdomen at level of stomach



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



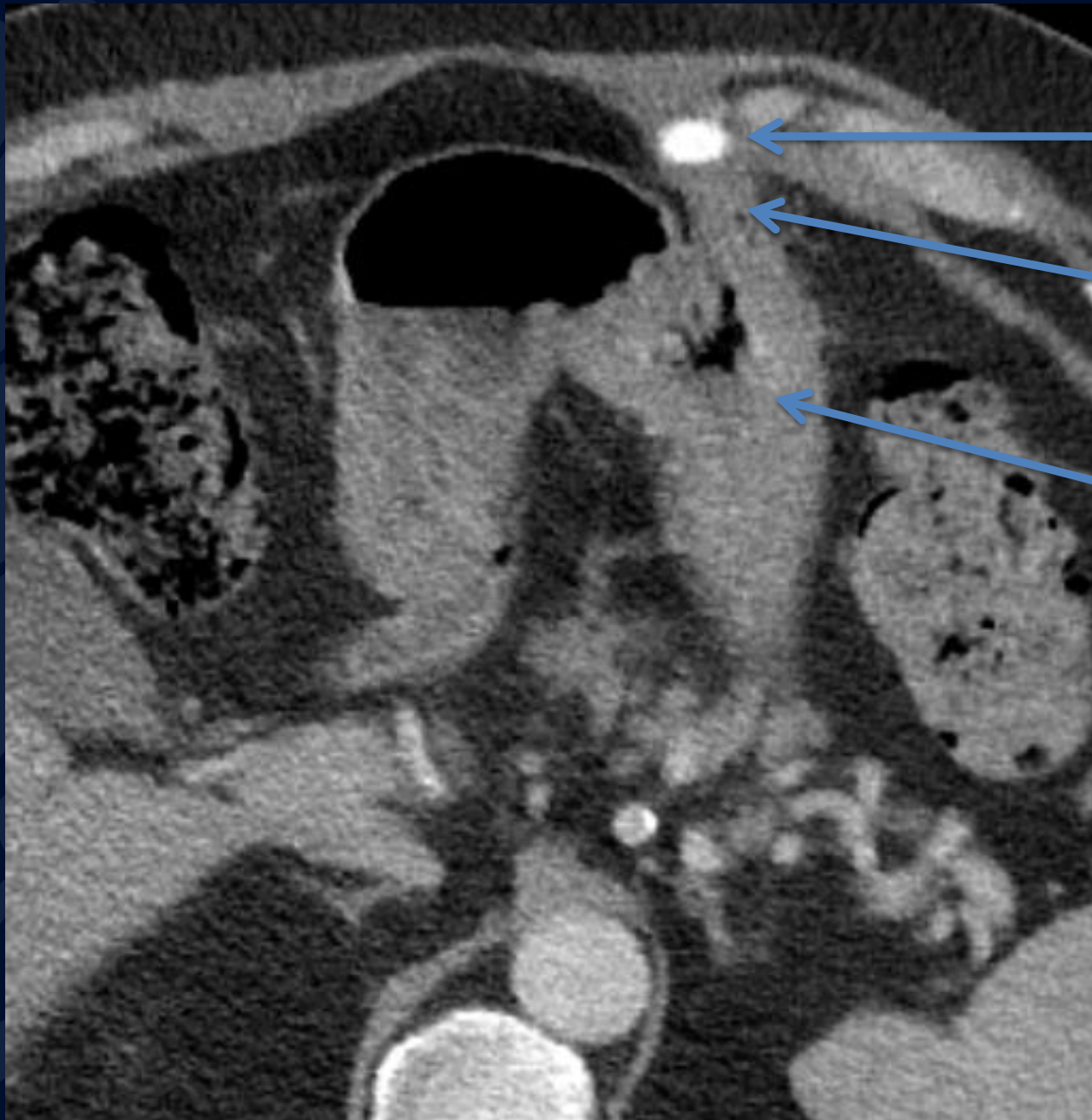
Oblique fluoroscopic view of abdomen after injection of enteric contrast via gastrostomy tube

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

?

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

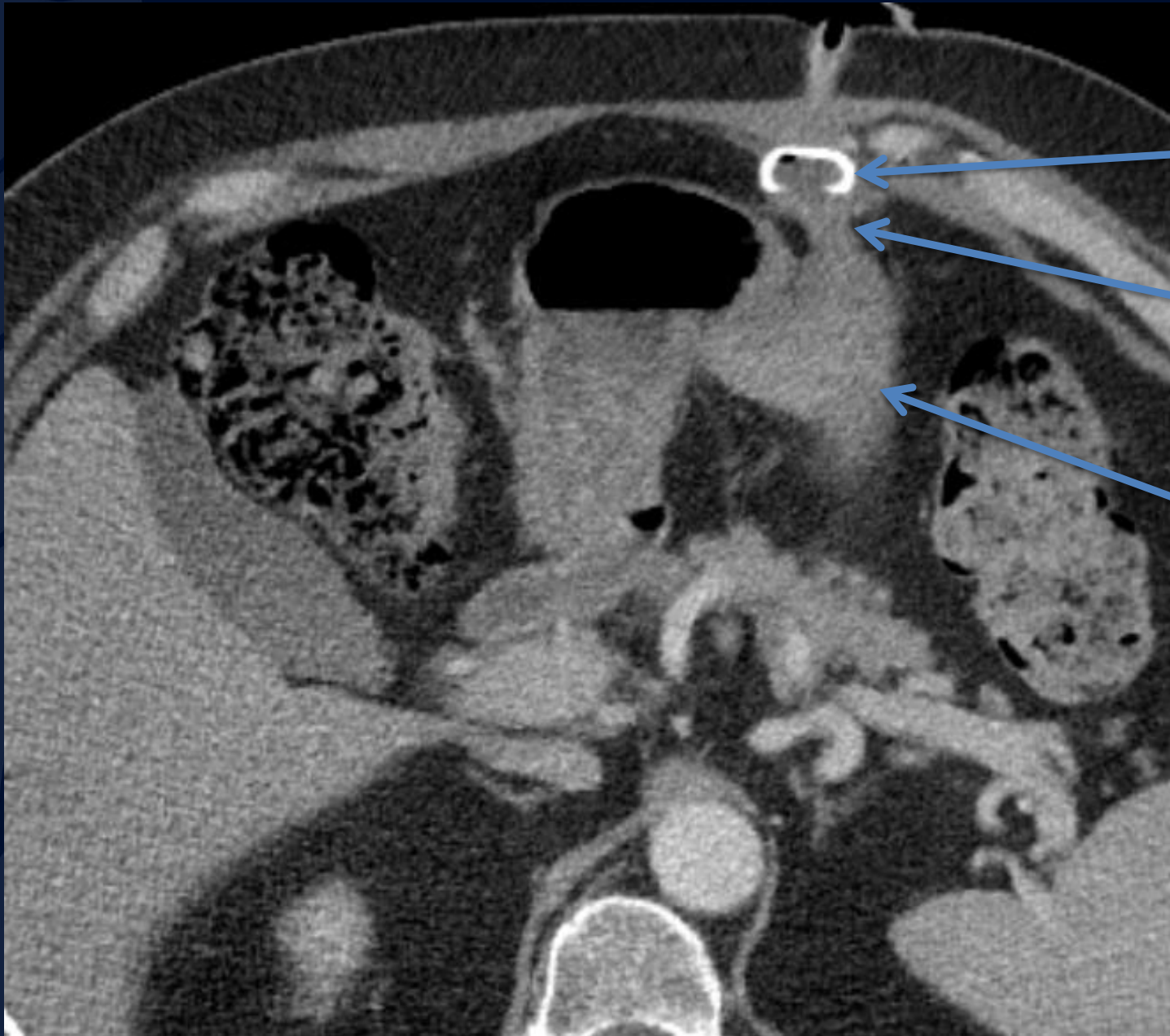
Gastrocutaneous
fistula

Stomach

Axial view of upper
abdomen at level of
stomach

UConn
HEALTH

RADIOLOGY



Gastrostomy
tube

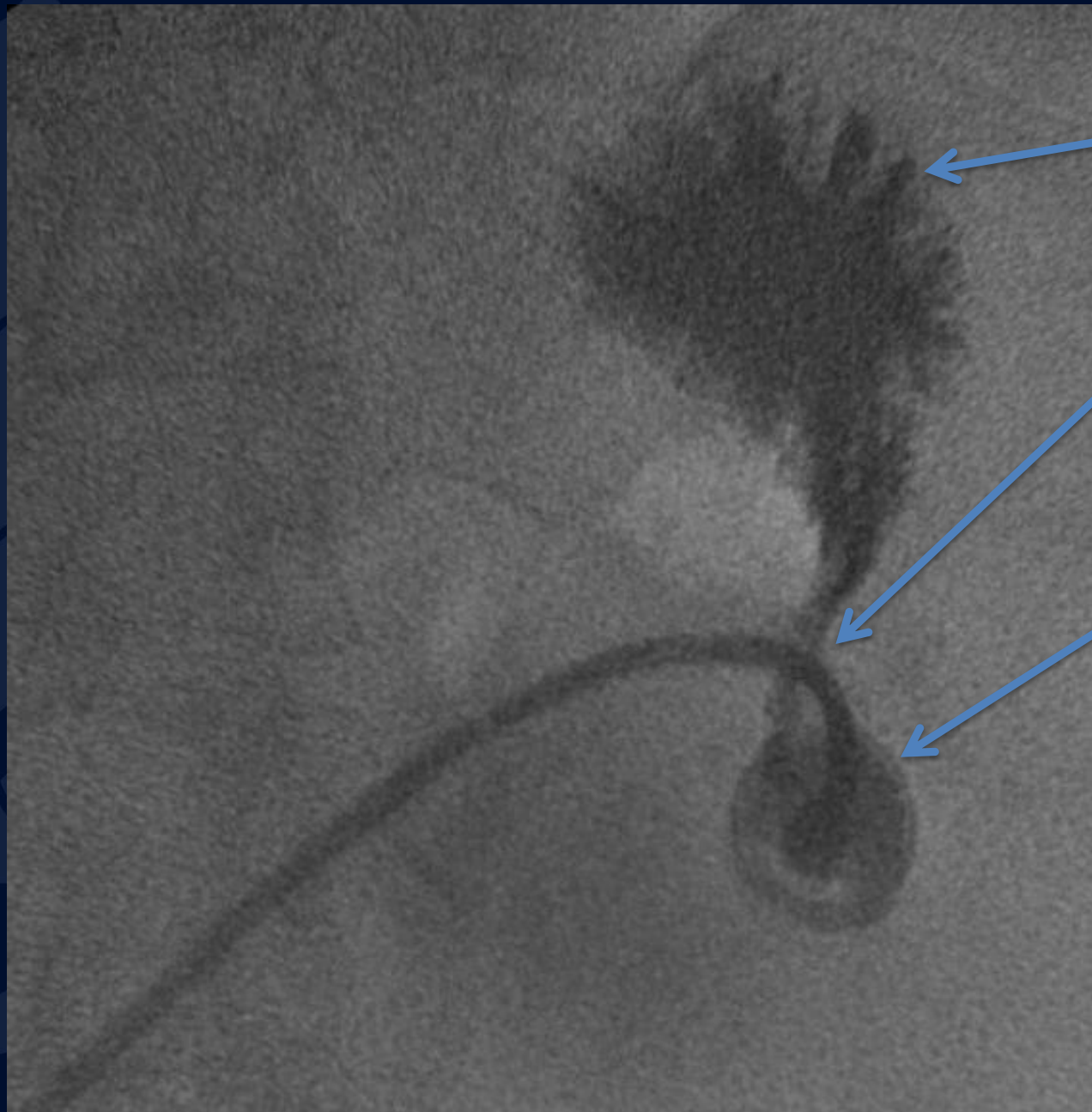
Gastrocutaneous
fistula

Stomach

Axial view of upper
abdomen at level of
stomach

UConn
HEALTH

RADIOLOGY



Stomach

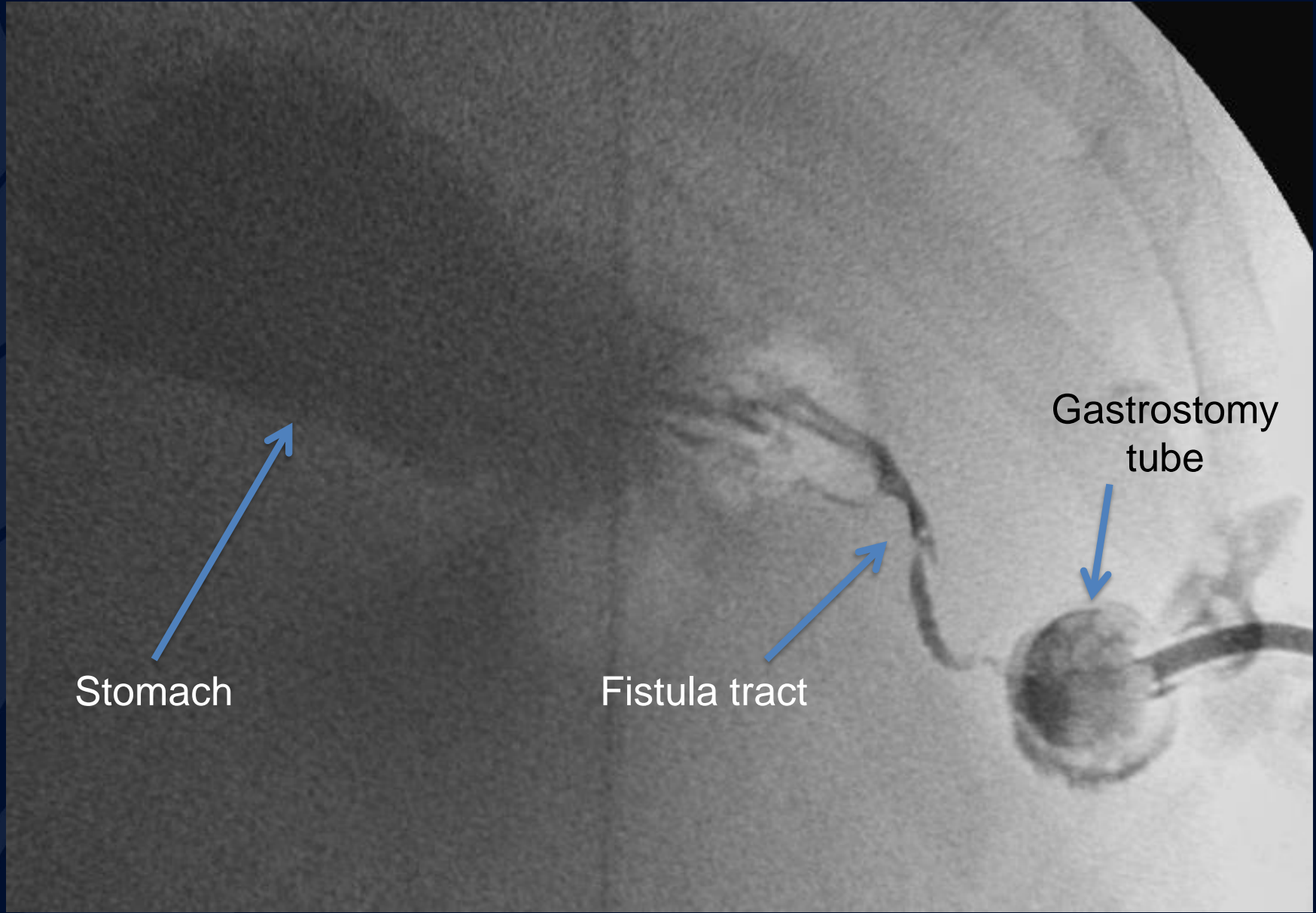
Gastrocutaneous
fistula

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.