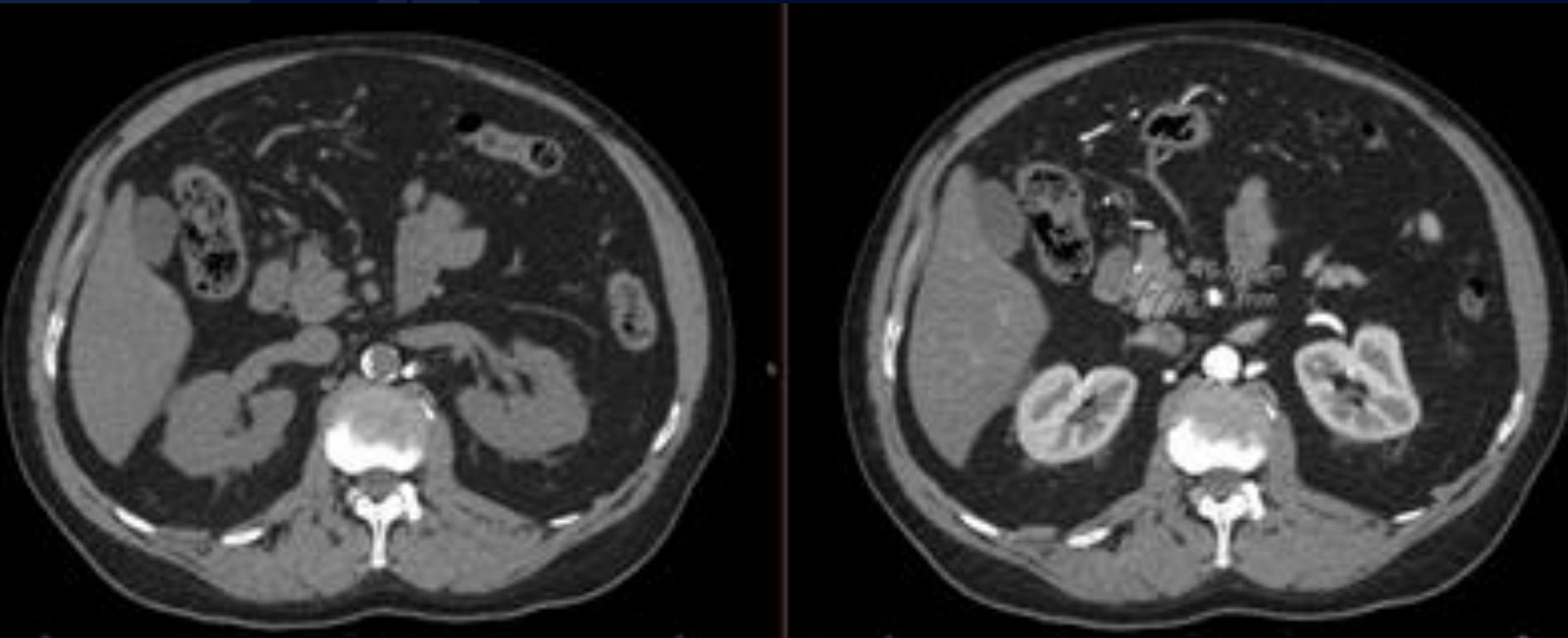


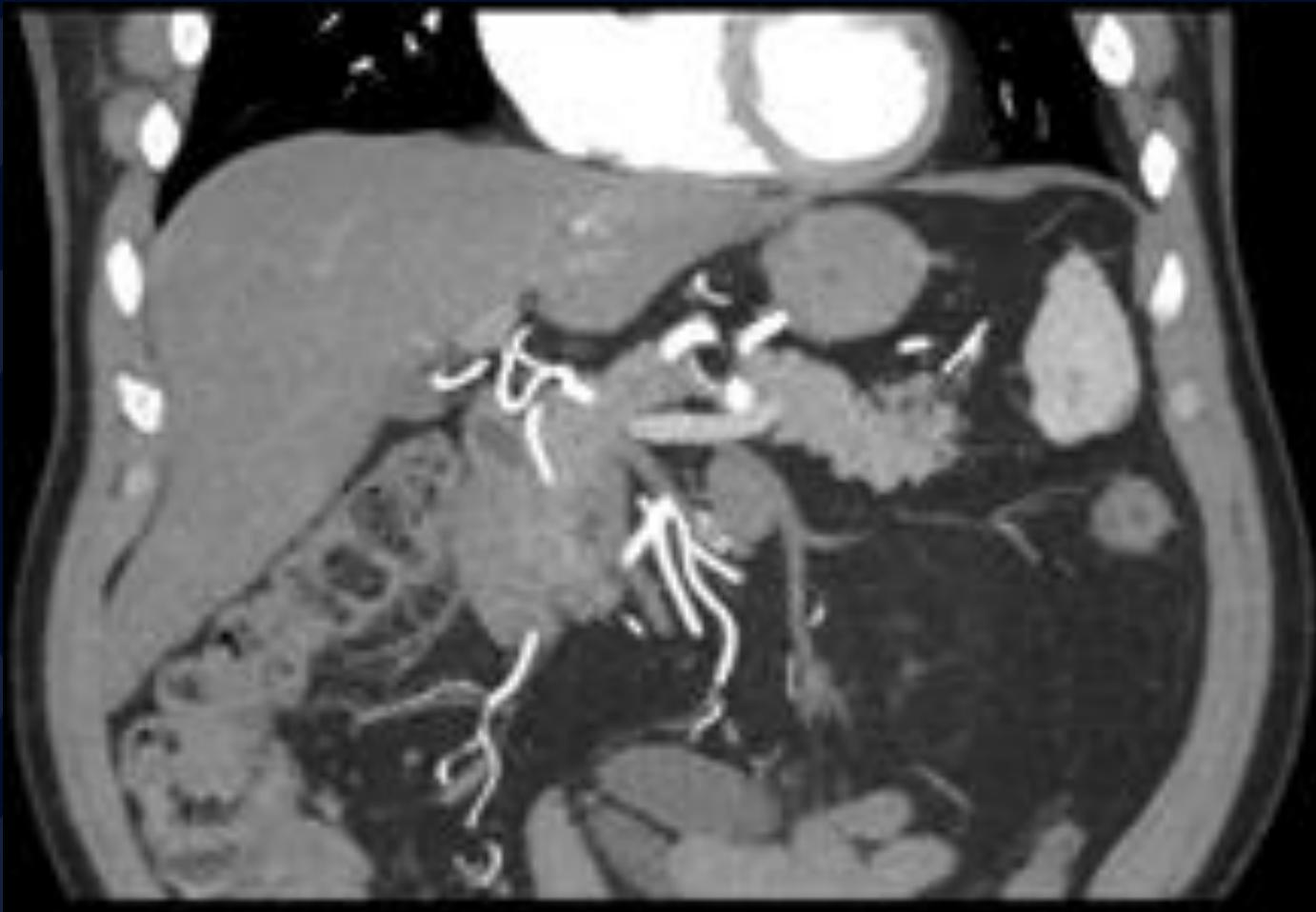
65-year-old male status post
prostatectomy with incidental left
renal mass on ultrasound
examination

Geetha Nichanametla, MS3

CT w/wo IV Contrast



CT IV Contrast



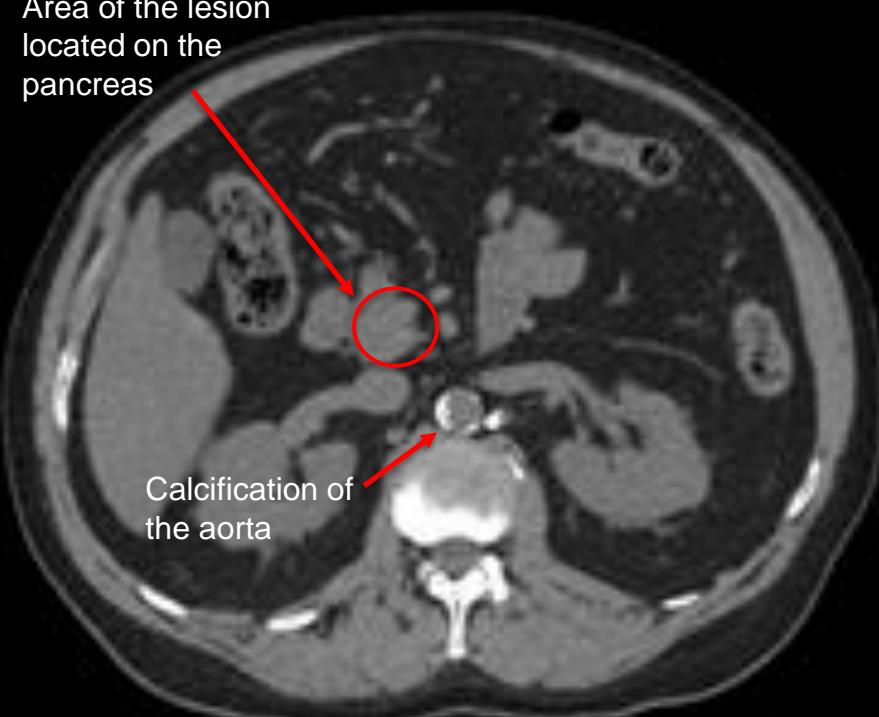


?

Pancreatic Neuroendocrine Tumor (PNET)

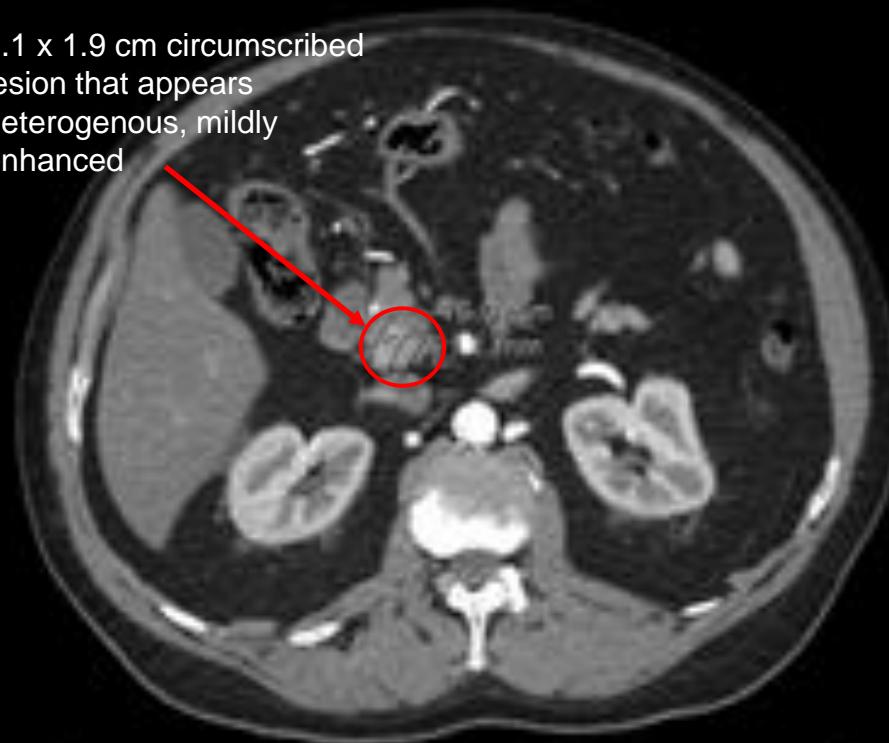
CT w/wo IV Contrast

Area of the lesion located on the pancreas



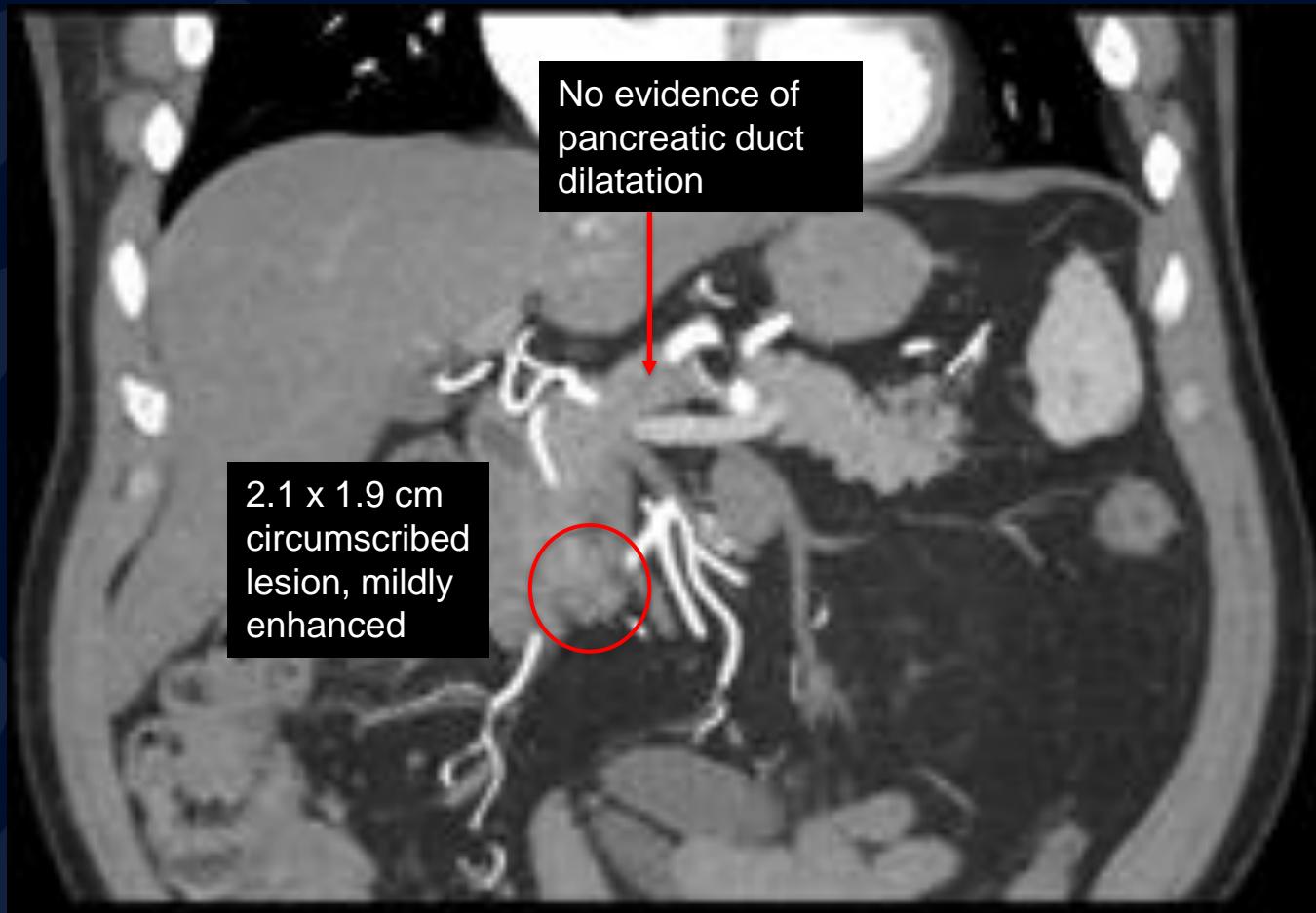
W/o IV contrast

2.1 x 1.9 cm circumscribed lesion that appears heterogenous, mildly enhanced



W/ IV contrast

CT IV Contrast



Pancreatic Neuroendocrine Tumor (PNET)

- Infrequent neoplasia with an incidence of 1:100,000 in the US
 - 30% of patients present with symptomatic disease, and 70% present asymptomatically
 - Growth and progression of tumor is slow
- Symptomology depends on the type of hormone produced
- Classification is based on:
 - Well-differentiated vs. poorly-differentiated on pathology report
- Tumor resection is recommended when:
 - Tumor size > 2 cm
 - No evidence of metastasis on staging scans

References

- Coakley, Fergus V et al. “Pancreatic imaging mimics: part 1, imaging mimics of pancreatic adenocarcinoma.” *AJR. American journal of roentgenology* vol. 199,2 (2012): 301-8. doi:10.2214/AJR.11.7907
- Hakamata, Yasuhiro et al. *Nihon Hinyokika Gakkai zasshi. The japanese journal of urology* vol. 107,4 (2016): 261-265. doi:10.5980/jpnjurol.107.261
- Vareedayah, Ashley A et al. “Pancreatic Adenocarcinoma.” *Missouri medicine* vol. 115,3 (2018): 230-235.
- Shnitser, Anastasia et al. “Primary Pancreatic Lymphoma Presenting as Acute Pancreatitis.” *Gastroenterology & hepatology* vol. 12,7 (2016): 456-8.
- Wood, Laura D, and Ralph H Hruban. “Pathology and molecular genetics of pancreatic neoplasms.” *Cancer journal (Sudbury, Mass.)* vol. 18,6 (2012): 492-501. doi:10.1097/PPO.0b013e31827459b6
- Cloyd, Jordan M et al. “Surgical management of pancreatic neuroendocrine liver metastases.” *Journal of gastrointestinal oncology* vol. 11,3 (2020): 590-600. doi:10.21037/jgo.2019.11.02
- Belotto, Marcos et al. “PANCREATIC NEUROENDOCRINE TUMORS: SURGICAL RESECTION.” *Arquivos brasileiros de cirurgia digestiva : ABCD = Brazilian archives of digestive surgery* vol. 32,1 e1428. 7 Feb. 2019, doi:10.1590/0102-672020180001e1428
- Howe, James R et al. “The North American Neuroendocrine Tumor Society Consensus Paper on the Surgical Management of Pancreatic Neuroendocrine Tumors.” *Pancreas* vol. 49,1 (2020): 1-33. doi:10.1097/MPA.0000000000001454