

Pancreatic Pathology Course

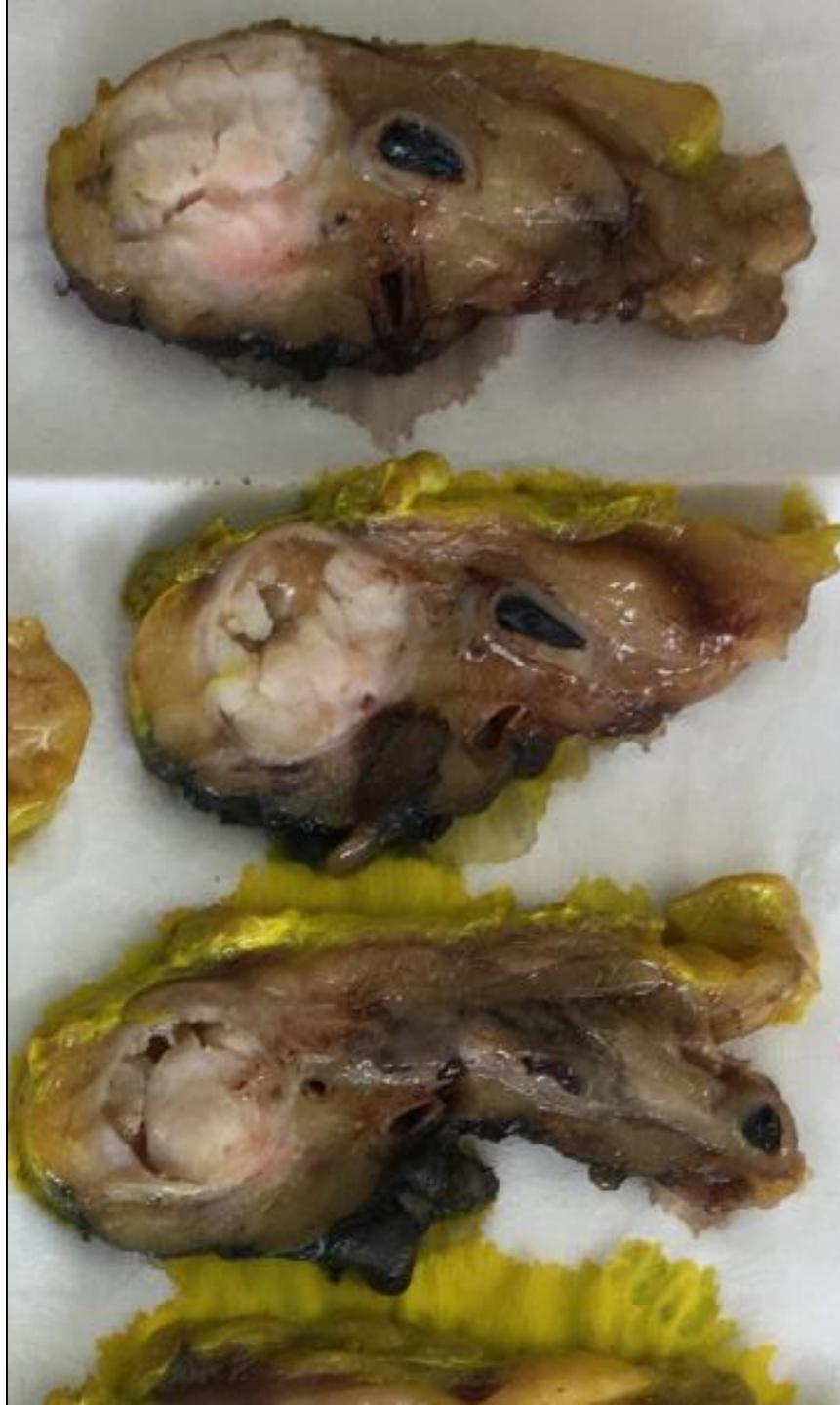
Case presentation

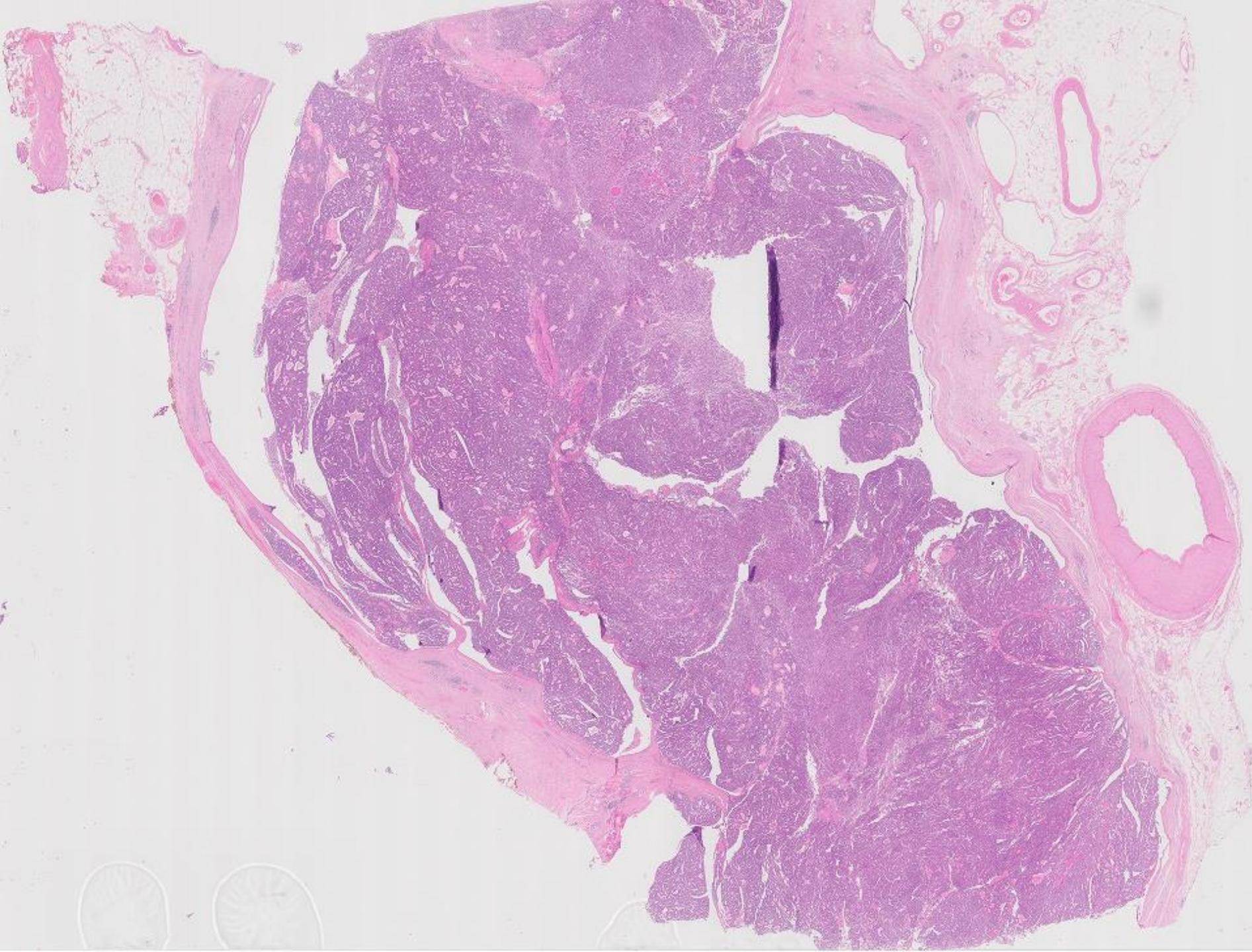
Jacques Van Huysse

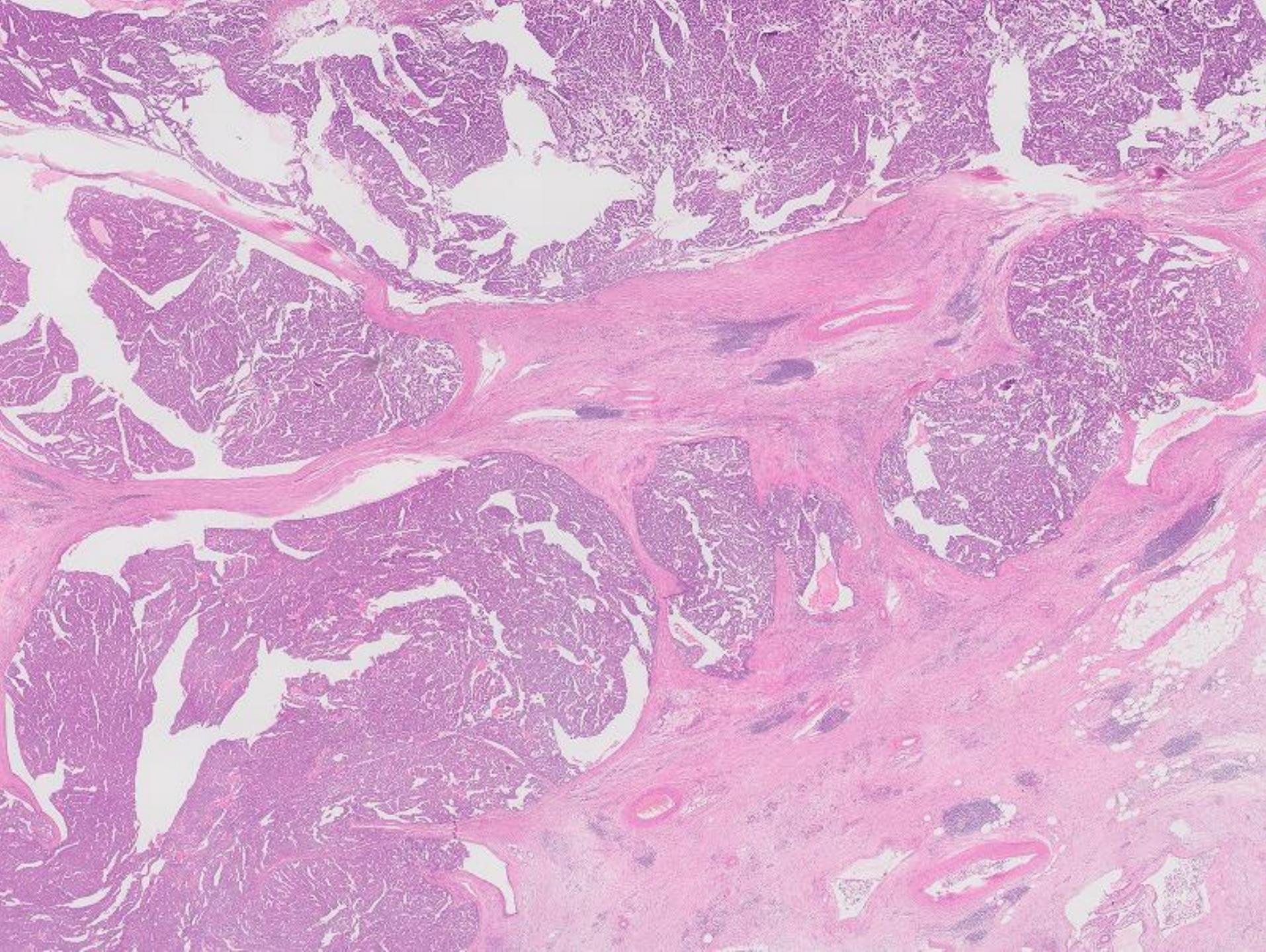
AZ Sint-Jan Brugge

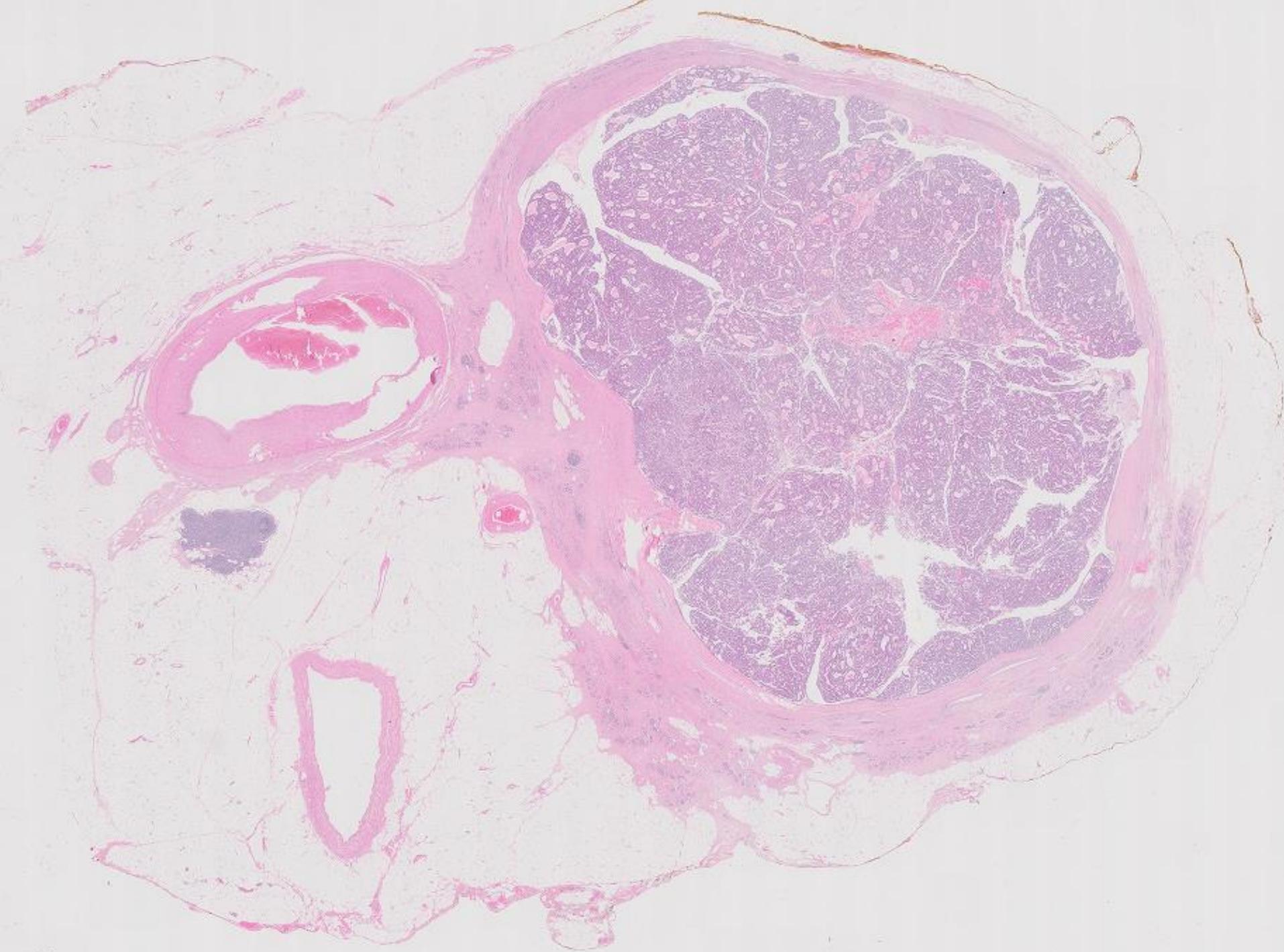
Case

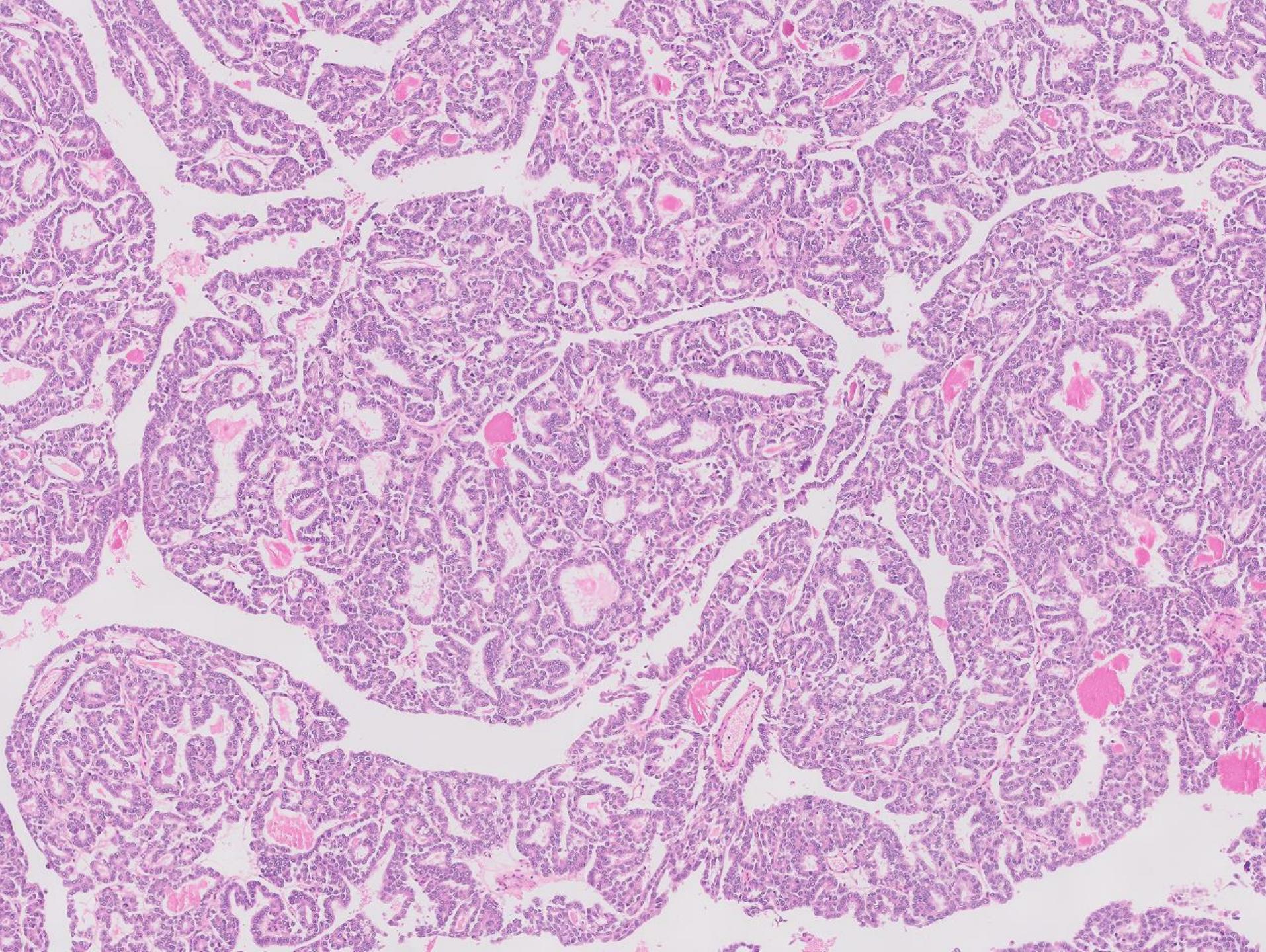
- Male, 74y
- Hypertension, obesitas, DM
- No oncological history
- Increased lipase
- Imaging (CT, MRI, echo-endoscopy):
 - Extensive main duct IPMN, suspect for malignancy
 - No cytology
- Indication for complete pancreatectomy

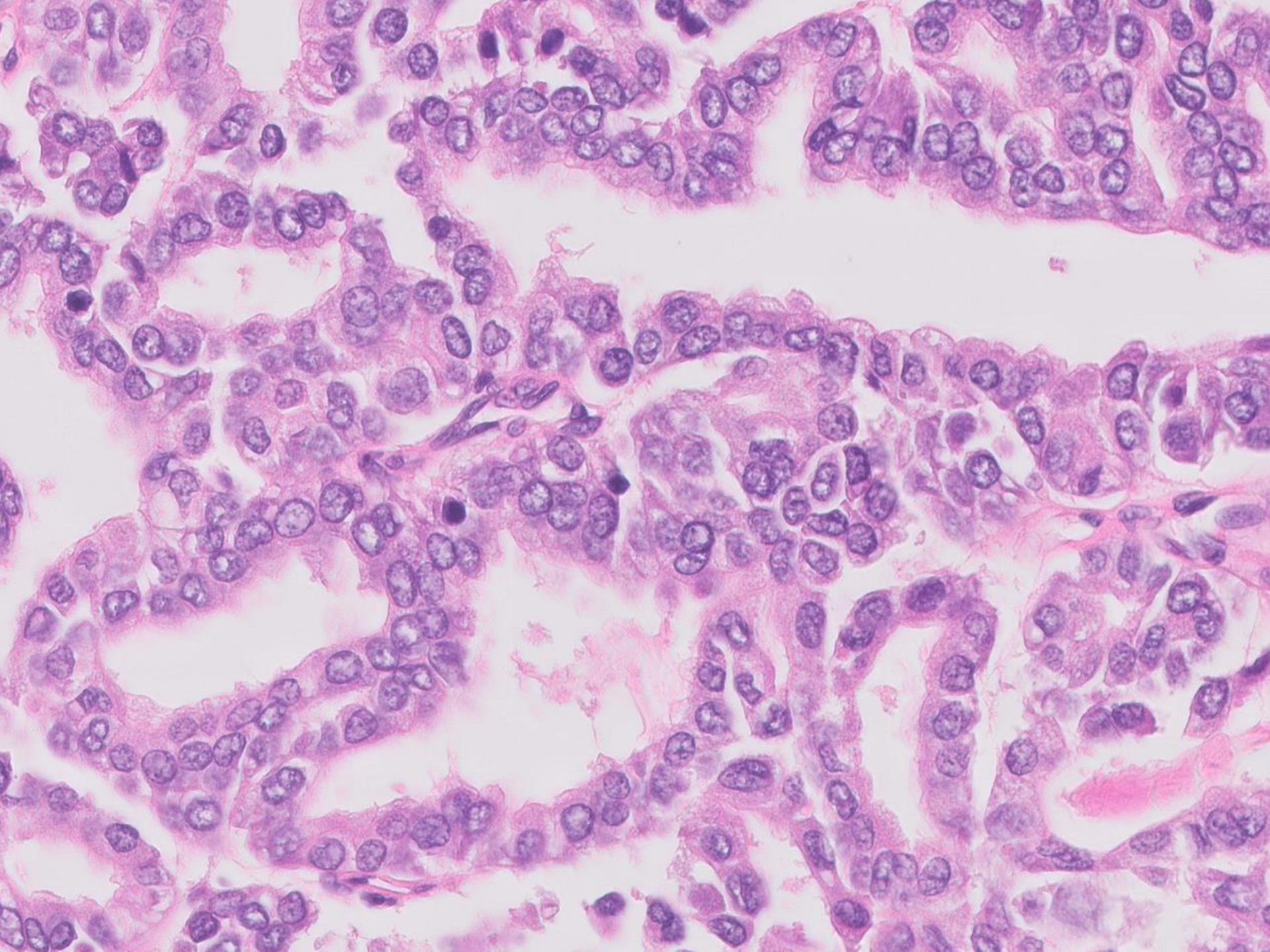


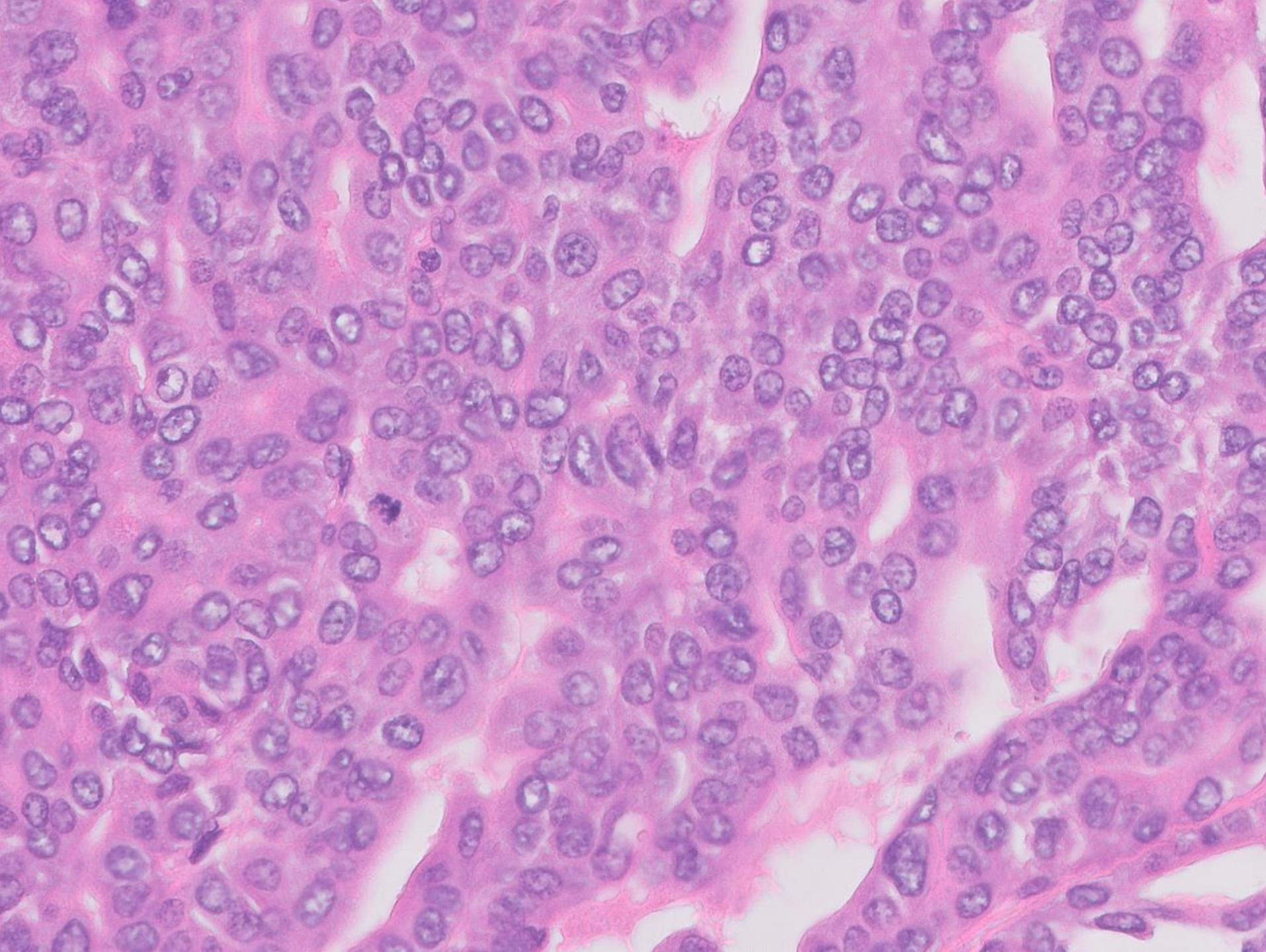


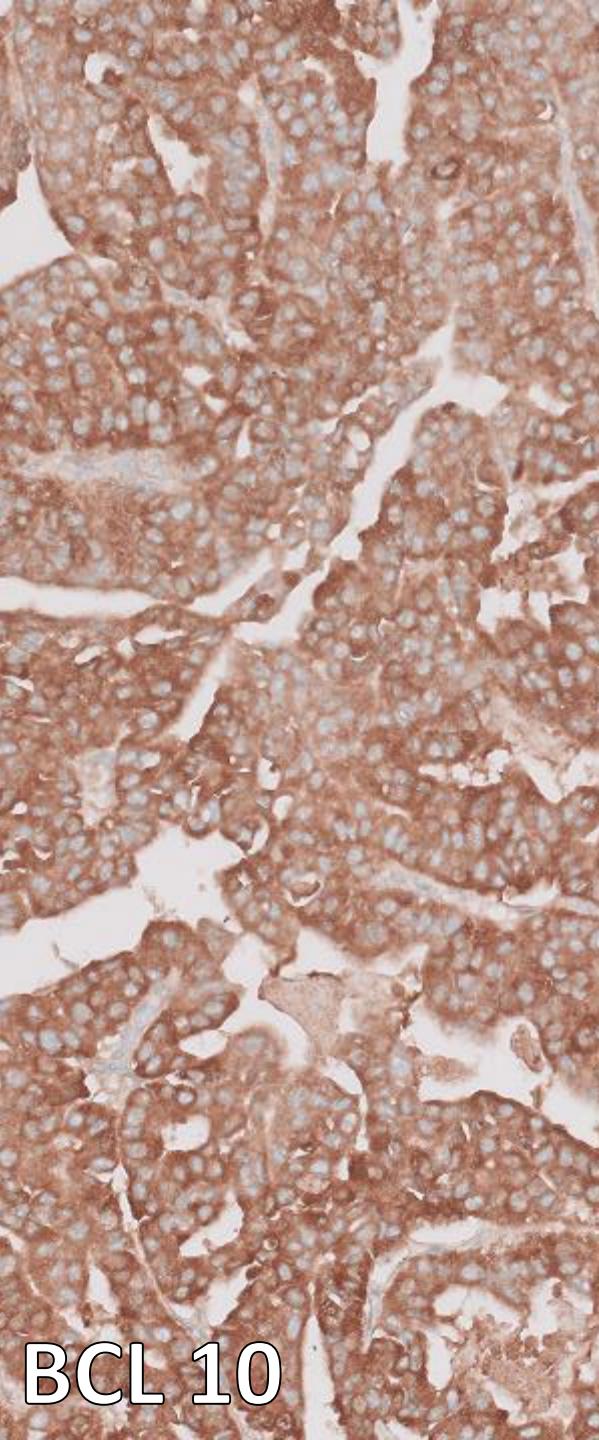




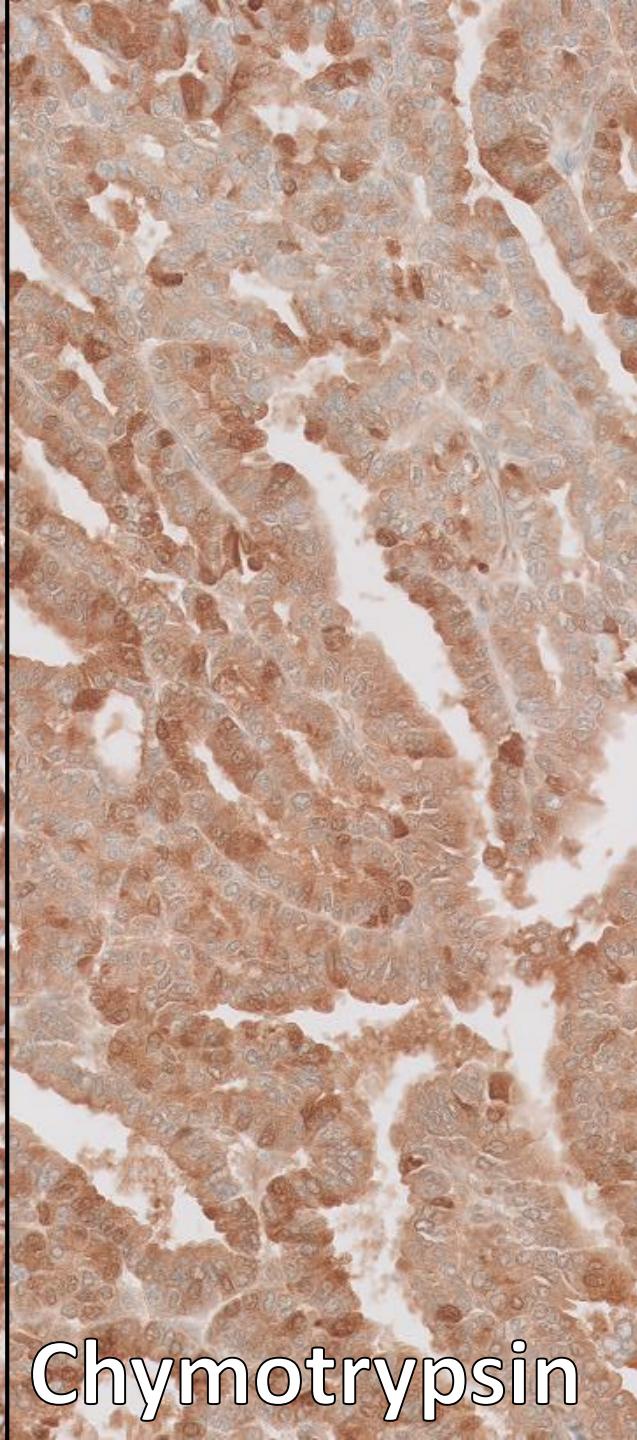




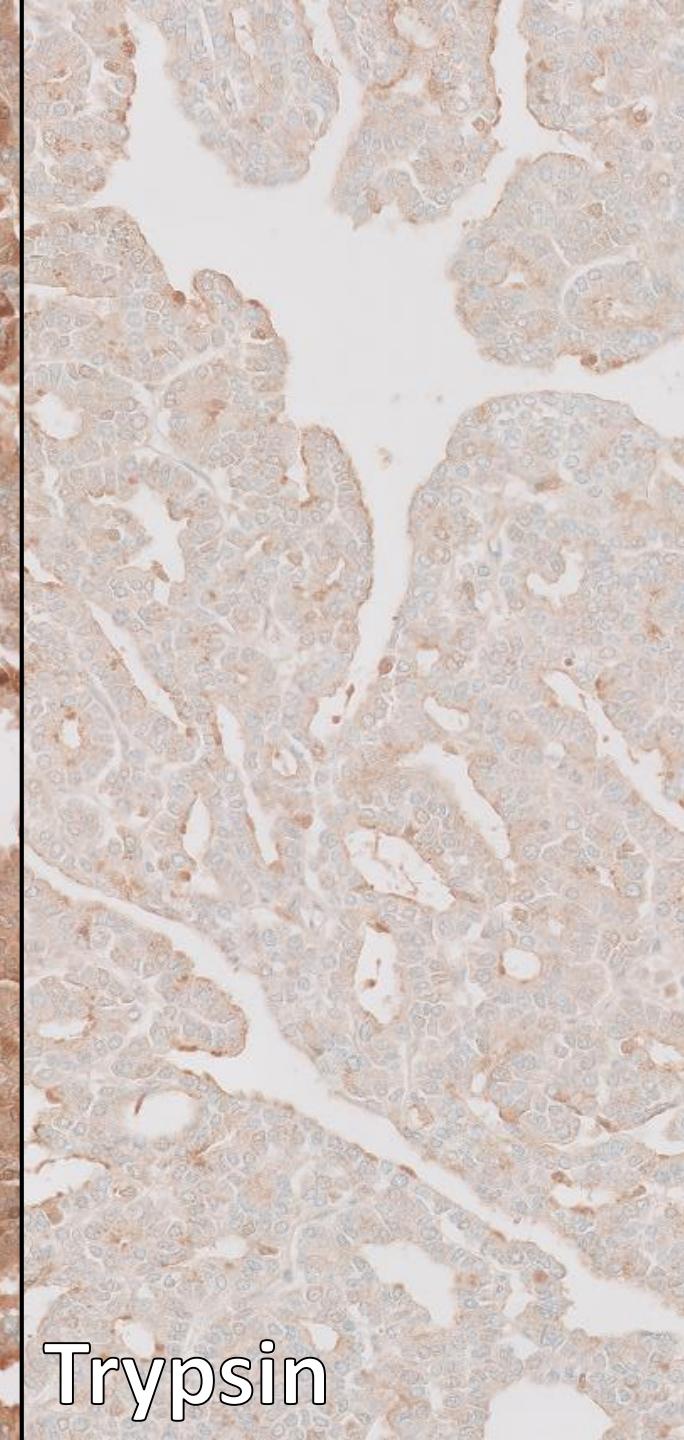




BCL 10



Chymotrypsin



Trypsin

Pancreatectomy

- Acinar cell carcinoma
- Extensive intraductal growth
- Involving the head, body and tail of the pancreas
- No clear signs of invasion
- 28 lymph nodes without metastasis
- pTis pN0
- Meckel's diverticulum with NET, G1

Additional testing

- MMR-proficient
- RAS/BRAF/TP53 WT
- BRCA2 (NM_000059.3) c.8904del p.(Val2969Cysfs*7)
VAF 97%
 - 1/5 of the ACC exhibit BRCA1/2 deficiency. 1/3 of those show a germline mutation
 - Need for genetic counselling
 - Therapeutic option (PARPi)

Review > *Cancer Biol Ther.* 2019;20(7):949–955. doi: 10.1080/15384047.2019.1595274.
Epub 2019 Apr 19.

Pancreatic acinar cell carcinoma is associated with BRCA2 germline mutations: a case report and literature review

Valentyna Kryklyva ¹, Nadia Haj Mohammad ², Folkert H M Morsink ³,
Marjolijn J L Ligtenberg ^{1,4}, G Johan A Offerhaus ³, Iris D Nagtegaal ¹, Wendy W J de Leng ³,
Lodewijk A A Brosens ^{1,3}

Case Reports > *Visc Med.* 2021 Oct;37(5):447–450. doi: 10.1159/000515267.
Epub 2021 Mar 29.

Pancreatic Acinar Cell Carcinoma with Germline BRCA2 Mutation and Severe Pancreatic Panniculitis: A Case Report

Lena Dreikhausen ¹, Nadine Schulte ¹, Sebastian Belle ¹, Philip Weidner ¹,
Johannes Moersdorf ², Christoph Reissfelder ³, Matthias P Ebert ¹, Tianzuo Zhan ¹

Follow Up

- Genetic counselling is ongoing
- Up until now, no sign of relapse

- Pathology
 - Pascale De Paepe
 - Irthe Van Assche
- Surgery
 - Tom Feryn
 - Bart Smet
- Oncology
 - Barbara Brouwers
 - Alain Bols
- Gastroenterology
 - Phillip Baert

