

Supplementary Table 1: Imaging results, indication for surgery and pathology in 21 IAR who underwent pancreatic resection*

IAR/ Gender	Age at DX	MRI findings	EUS findings	Indication for Surgery	Operation	Histology	Follow-up (mo.), disease status	Cause of Death
1/ male	52	dilated main duct with stenosis head	6mm dilated pancreatic duct	morphology	Whipple	Main duct IPMN HGD	42 NED	-
2/ female	58	multiple (2-8mm) cystic lesions body+ tail	normal	morphology, patient wish	TP	Multifocal PanIN 2, BD-IPMN LGD, AFL	22 DURC	cholangio-carcinoma
3/ female	52	two ductectasias (5+7mm) tail	two (5+8mm) hypoechoic lesions tail	patient wish	TP	Multifocal PanIN2+ PanIN3, AFL	70 NED	-
4/ female	64	multiple cystic lesions (2-13mm) body + tail	multiple cystic lesions (3-18mm body+tail	morphology	TP	Multifocal PanIN 2+ PanIN3, BD-IPMN LGD, AFL	61 NED	-
5/ female	69	multiple (3-10mm) ductectasias body+ tail	multiple cystic lesions (3-5mm) body+tail	morphology	TP	Multifocal PanIN 2, PanIN 3	16 NED	-
6/ male	47	10mm cystic lesion head suspicious for MD-IPMN	two cystic lesions (10 + 3mm) head and tail	morphology	Whipple	Multifocal PanIN 2, BD-IPMN LGD	29 NED	-
7/ female	54	multiple cystic lesions (3-10mm) body + tail	multiple (>10) cystic lesions (3-5mm) body+tail	morphology, patients wish	DP	Multifocal PanIN 2, BD-IPMN LGD, AFL	9 NED	-
8/ female	53	8mm hypointense lesion tail	6mm indeterminate mass tail	morphology	DP	PanIN 2, BD-IPMN LGD	94 NED	-
9/ male	55	6mm hypointense lesion tail	6mm hypoechoic lesion tail	morphology	DP	Lobular fibrosis with PanIN1	99 NED	-
10/ male	60	7mm hypointense lesion tail	11x14mm hypoechoic lesion tail	morphology	DP	Focal fibrosis with PanIN1	120 NED	-
11/ female	61	cystic lesions (14 and 22mm) head + tail	cystic lesions (15 and 21mm) head + tail	morphology, patient wish	DP	Serous cystadenoma	141 NED	-
12/ female	42	lobulated 32mm cystic lesion body	31mm cystic lesion body	morphology, patients wish	DP	Serous cystadenoma	113 NED	-
13/ female	61	normal	6mm hypoechogenic lesion body	morphology	DP	Serous cystadenoma	86 NED	-

14/ female	53	24mm solid lesion head, tiny cystic lesions body + tail	not done at this time	morphology	TP	PDAC pT3 N1 (9/22) M0	38 DOD	PDAC metastases
15/ female	47	cystic lesion 10mm tail	indeterminate 10mm lesion tail	FNAC malignant cells	DP	multiple PanIN1 foci, no PDAC	13 NED	-
16/ female	48	normal	6x7mm solid lesion body	morphology	DP	pNET G2, T1, N0, R0	28 NED	-
17/ female	61	cystic lesion (4x10mm) head	normal	morphology	Whipple	BD-IPMN LGD ; multifocal PanIN2	110 NED	
18/ male	57	cystic lesions up to 12mm body+tail	hypoechoic lesions up to 8mm tail	morphology	DP	BD-IPMN LGD, multifocal PanIN2	70 NED	-
Patients with BRCA1/2 or PALB2 mutations								
Mut 1/ female	68	solid lesion 12x8mm tail	10 mm solid lesion tail	morphology, BRCA2 mut.	DP	19mm PDAC; T1, N0 (0/16), M0, R0	17 DOD	PDAC metastases
Mut 2/ female	70	multiple cystic lesion (3-7 mm) head	cystic and hypoechoic lesions (4-7mm) head	morphology, PALB2 mut.	Whipple	Multifocal PanIN 2, BD-IPMN LGD	21 NED	-
Mut 3/ female	67	multiple cystic lesions (3-8 mm) body+tail	multiple BD-IPMN (4-9mm) body+tail	morphology, BRCA2 mut.	TP	Multifocal PanIN 2, AFL	14 NED	-

*- with the exception of the EUS data, data in this table have been published recently for IAR no. 1 to 16 and patients with mutations no. 1 to 3 (ref. 17); also previously published were MRI, EUS and pathology data of IAR no.2 to 5, 8 to 14 and patients with mutation no.2 (ref.16) and patients no. 8-13 (ref. 8); IAR – individual at risk; no.1 to 14 and Mut 2,3 Marburg patients, no. 15, 16- Madrid patients (ref. 20), no. 17,18 and Mut 1 Leiden patients; MRI-magnetic resonance imaging with MRCP; EUS- endoscopic ultrasound; mut.- mutation; TP- total pancreatectomy; DP- distal pancreatectomy; NED- no evidence of disease; DOD- dead of disease, DURC- death of unrelated cause