

Diagnosis of Pancreatic Cyst: Algorithm

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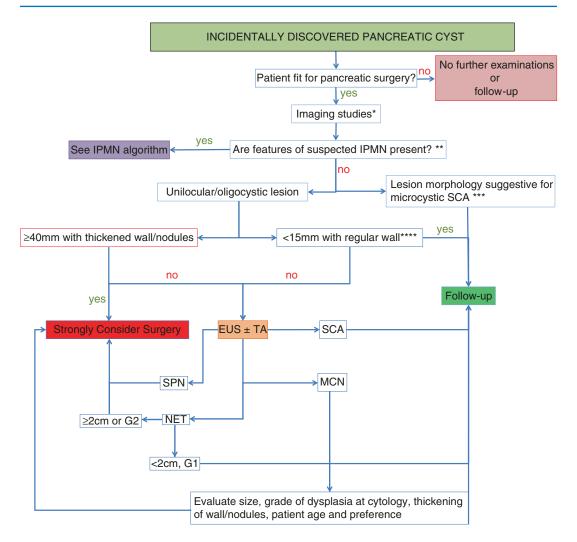
Abbreviations		MCN MPD	Mucinous cystic neoplasm Main pancreatic duct
AP	Acute pancreatitis	MRCP	Magnetic resonance
BD-IPMN	Branch-duct intraductal papillary		cholangiopancreatography
	mucinous neoplasm	MRI	Magnetic resonance imaging
CE-CT	Contrast-enhanced computed	NET	Neuroendocrine Tumor
	tomography	RP	Recurrent pancreatitis
CE-EUS	Contrast-enhanced endoscopic	SCA	Serous cystadenoma
	ultrasound	SPN	Solid pseudopapillary neoplasm
EUS	Endoscopic ultrasound	TA	Tissue acquisition (fluid cytology,
HGD	High-grade dysplasia		cyst wall fine-needle aspiration/
IPMN	Intraductal papillary mucinous neoplasm		biopsy, through-the-needle biopsy)

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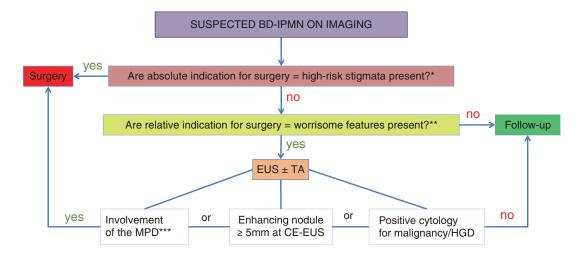


Footnotes:

*Gadolinium-enhanced MRI with MRCP (preferred) and/or pancreatic protocol CE-CT **Communication with pancreatic ducts, multifocality, bunch of grapes morphology

***Lobulated honeycomb shape ± central scar/ calcification

****Consider a first close follow-up for the risk of retention cyst in isodense pancreatic cancer



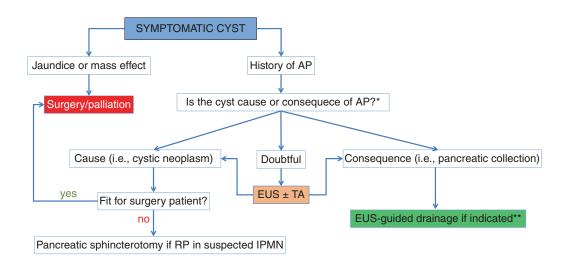
Footnotes:

*Solid mass, enhancing mural nodule \geq 5 mm, MPD \geq 10 mm

**Enhancing mural nodule <5 mm, MPD 5–9 mm; thickened/enhancing wall, abrupt change in caliber of MPD with distal atrophy;

lymphadenopathy; new onset of diabetes mellitus; CA 19-9 \geq 37 U/mL; grow rate \geq 5 mm/year (or 2 years, depending on evaluated guideline); cyst size \geq 30 mm (or 40 mm, depending on evaluated guideline)

***MPD thickened wall/nodule or intraductal mucin



Footnotes:

*Evaluate the relation between the presence of the cyst and the onset of pancreatitis (i.e., was the cyst already present at the time of AP?) and the cyst morphology **Symptoms (mass effect, vomiting, jaundice, abdominal pain), sign of infection, or increasing size

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