

Clinical Image

Rare Cause of Recurrent Vomiting

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A 58 year old male presented with complaints of epigastric discomfort, fatigue and recurrent vomiting since 3 months. Images from the magnetic resonance cholangiopancreatography (MRCP) and endoscopic ultrasound (EUS) of the patient are provided (Figure 1).

Intraductal Papillary Mucinous Neoplasm (IPMN)

IPMN of the pancreas is a distinct group of cystic low-grade malignant tumors arising from epithelial lining of pancreatic duct. It presents with non-specific symptoms such as epigastric pain, weight loss and diarrhea and can be difficult to differentiate from chronic pancreatitis both clinically and on imaging. Malignant transformation is difficult to assess on imaging, however, enhancing solid mural nodules and main pancreatic duct diameter >10mm are termed as *high risk stigmata* and if present are highly suggestive of malignant IPMN, while cyst size >3 cm, thick enhancing cyst wall and non enhancing mural nodules are considered as *worrisome* features.

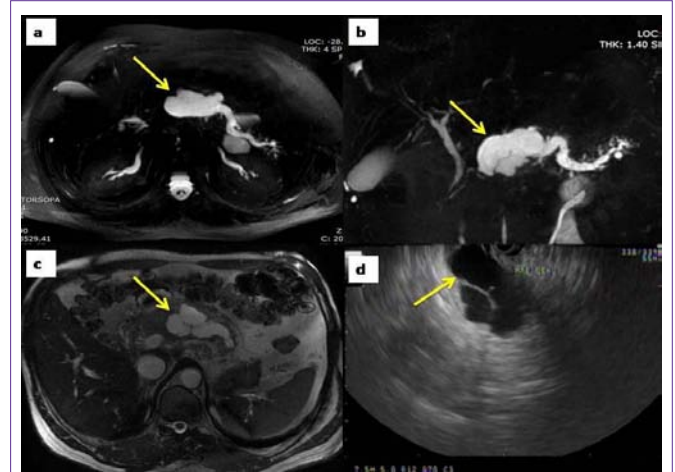


Figure 1: Axial (a) and coronal (b) thick slab 3D MRCP images and axial T2 gradient sequence (c) and endoscopic ultrasound image (d) shows a clustered cystic lesion (arrow) having thin wall, in head and neck region of pancreas communicating with a dilated MPD. Associated dilatation of side branches is also seen.