History
Teenager with abdominal pain and weight loss.

Diagnosis
Solid pseudopapillary tumor of the pancreas

Discussion
Solid pseudopapillary tumor of the pancreas is typically a benign tumor found mainly in young non-Caucasian women between the 2nd and 3rd decades of life, although rare cases have been reported in children and men. Patients are often asymptomatic with normal laboratory data. The diagnosis is commonly made during abdominal imaging for other reasons. These tumors are typically large, occur most commonly in the pancreatic tail, displace rather than invade surrounding structures and rarely cause ductal obstruction. The well delineated margins represent a pseudocapsule composed of compressed pancreatic tissue and reactive fibrosis. The differential diagnosis includes a nonfunctioning islet cell tumor, pancreatoblastoma, lymphoma, carcinoma and metastatic disease. CT usually demonstrates a well-encapsulated lesion with varying solid and cystic components owing to hemorrhagic degeneration. MR imaging typically demonstrates a well-defined lesion with heterogeneous signal intensity on T1- and T2-weighted images. US shows a well-encapsulated cystic and solid mass, but sometimes a mass may be purely solid or have internal septations or calcifications. Surgical resection is usually curative.

Findings
CT-Multiplanar images demonstrate a circumscribed exophytic mass emanating from the pancreatic tail.
Pathology-Distal pancreatectomy gross specimen shows round reddish mass from the pancreatic tail.

Reference
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