

[PICTURES IN CLINICAL MEDICINE]

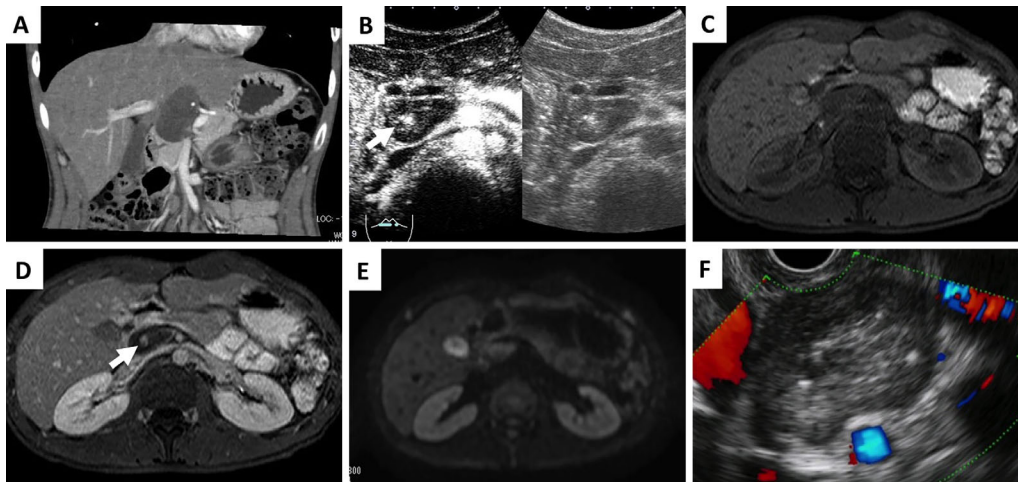
Rare Images of a Peripancreatic Ganglioneuroma

Kunihiro Fushiki¹, Hiroyuki Matsubayashi¹, Keiko Sasaki² and Katsuhiko Uesaka³

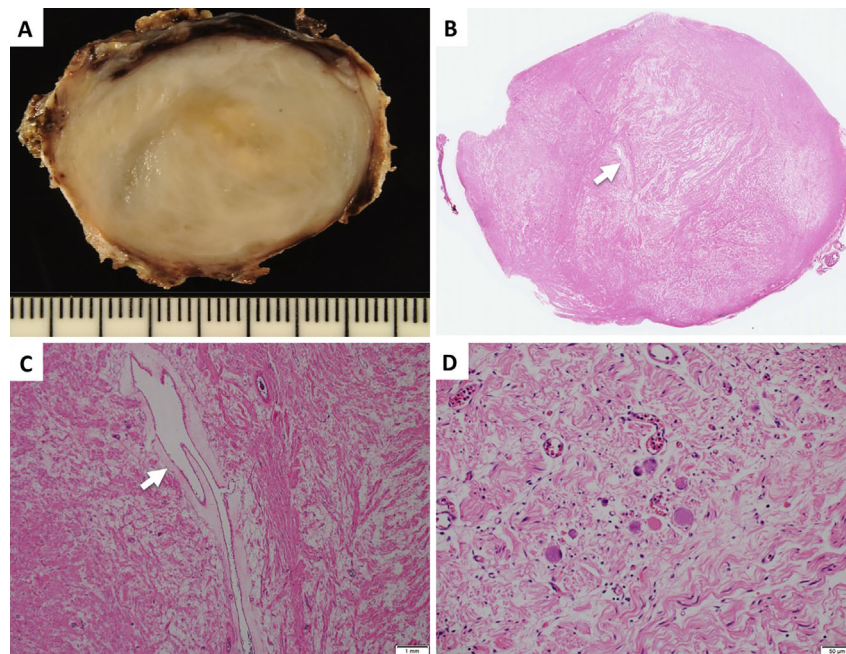
Key words: ganglioneuroma, image, peripancreatic, retroperitoneum

(Intern Med 59: 1005-1006, 2020)

(DOI: 10.2169/internalmedicine.3826-19)



Picture 1.



Picture 2.

¹Division of Endoscopy, Shizuoka Cancer Center, Japan, ²Division of Pathology, Shizuoka Cancer Center, Japan and ³Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center, Japan

Received: August 20, 2019; Accepted: October 27, 2019; Advance Publication by J-STAGE: December 13, 2019

Correspondence to Dr. Hiroyuki Matsubayashi, h.matsubayashi@scchr.jp

A 31-year-old man was referred for the examination of a cyst-like lesion at the pancreatic head. Computed tomography demonstrated a well-demarcated, low-attenuated mass between the pancreatic head and the liver, 60 mm in diameter (Picture 1A). Abdominal ultrasound (Picture 1B) showed intra-tumorous dotted enhancement, which was confirmed by magnetic resonance imaging (MRI) (plain: Picture 1C, enhanced: Picture 1D). The tumor showed a low-intensity signal on T1-weighted imaging, high-intensity signal on T2-weighted imaging, and weakly repressed diffusing capacity (Picture 1E). Endoscopic ultrasonography demonstrated heterogeneous high-echoic dots in the low-echoic margin (Picture 1F). Preoperatively, ganglioneuroma, schwannoma and lymphoepithelial cyst were suspected. Laparotomy was performed, and the pathology revealed ganglioneuroma (Picture 2, arrows indicating a vein). Ganglioneuroma is a rare benign tumor originating from the sympathetic nerve. It mostly develops in the mediastinum and retroperitoneum

and is often diagnosed incidentally during childhood (1, 2). A ganglioneuroma should be included in the differential diagnosis of peripancreatic tumors.

The authors state that they have no Conflict of Interest (COI).

References

1. Manning MA, Paal EE, Srivastava A, Mortelet KJ. Nonepithelial neoplasms of the pancreas, Part 2: malignant tumors and tumors of uncertain malignant potential from the radiologic pathology archives. *Radiographics* **38**: 1047-1072, 2018.
2. Moriwaki Y, Miyake M, Yamamoto T, et al. Retroperitoneal ganglioneuroma: a case report and review of the Japanese literature. *Intern Med* **31**: 82-85, 1992.

The Internal Medicine is an Open Access journal distributed under the Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License. To view the details of this license, please visit (<https://creativecommons.org/licenses/by-nc-nd/4.0/>).