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Flushing as atypical initial presentation of functional gallbladder neuroendocrine carcinoma: A case report

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Abstract

BACKGROUND

Neuroendocrine neoplasms are rarely located in the gallbladder, and carcinoid syndrome is exceedingly rare in patients with gallbladder (GB)- neuroendocrine neoplasms.

CASE SUMMARY

We report a case of GB neuroendocrine carcinoma (NEC) in a 65-year-old man, who presented with flushing for 2 mo. Pathological specimens of the flushing skin revealed that mucin was deposited between the collagen bundles in the dermis. Computed tomography and magnetic resonance imaging indicated neoplasm in the GB with liver invasion and enlarged lymph nodes in the portacaval space. High fluorodeoxyglucose uptake was detected in lymph nodes in the portacaval space, but distant metastasis was not seen by positron emission tomography. Ultrasound-guided needle biopsy of the GB neoplasm was suggestive of high-grade NEC.

Because of the functional characteristics of poorly differentiated NEC, *en bloc* cholecystectomy, resection of hepatic segments IVb and

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Author: Wei Liu, Weijie Chen, Jiemin Chen, T...

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Neuroendocrine tumors (NETs) represent a rare group of malignancies derived from Kulchitsky cells. The most common affected sites are the gastrointestinal and bronchopulmonary tracts. Gallbladder NETs represent 2% of all NETs (1). The first carcinoid tumor was described in 1888, while the first carcinoid tumor of the gallbladder

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Feb 04, 2019 · Case presentation. There are 8 gallbladder NEC patients, 2 male and 6 female, admitted into our hospital (Table 1). The main complaint (6 patients) was the right upper quadrant pain. One patient complained weight loss, and another one had no complains. He was admitted for an incidental finding of gallbladder tumor during a routine health checkup.

Author: Wei Liu, Weijie Chen, Jiemin Chen, T... Publish Year: 2019

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Author: Wei Liu, Weijie Chen, Jiemin Chen, T... Publish Year: 2019

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Conversely, primary neuroendocrine tumors of the gallbladder are extremely rare, representing 0.2 % of all neuroendocrine tumors and only 2 % of all gallbladder carcinomas [2].

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"Pure" large cell neuroendocrine carcinoma of the gallbladder. Report of a case and review of the literature Author links open overlay panel Salvatore Buscemi a b Elisabetta Orlando c Giuseppe Damiano d Francesca Portelli c Vincenzo Davide Palumbo d Alessandro Valentino c Antonio Marrazzo b Giuseppe Buscemi b d Attilio Ignazio Lo Monte b d

Cited by: 12 Author: Salvatore Buscemi, Elisabetta Orlando, G...

Publish Year: 2016

A Pancreatic Neuroendocrine Tumor with an Unusual Flush

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Jul 30, 2018 · Carcinoids belong to the subgroup of functional neuroendocrine tumors that arise from enterochromaffin cells, producing various amines such as serotonin, peptides, tachykinins, and prostaglandins. It is often associated with carcinoid syndrome, with the most common manifestations being cutaneous flushing, diarrhea, and cardiac valvular lesion [4].