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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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Feb 04, 2019 - The carcinoid syndrome was reported in cases of giant gallbladder NEC, patients usually suffered from severe distention and diarrhea. No flushing or edema was reported. Ultrasonography, CT and MRI could detect solid masses of gallbladder, although it is unable to distinguish from other types of gallbladder carcinoma.

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

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[PDF] Neuroendocrine Tumors of the Gallbladder: A Case ...

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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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Neuroendocrine carcinoma of gallbladder: a case series and ...

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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

Neuroendocrine carcinoma of gallbladder: a case series and ...

<https://eurjmedres.biomedcentral.com/articles/10.1186/s40001-019-0363-z>

Feb 04, 2019 · Neuroendocrine carcinoma (NEC) of gallbladder is a rare tumor. The clinical manifestation, treatment, and prognosis of gallbladder NEC are rarely reported. Case presentation. Eight gallbladder NEC patients were admitted into our ...

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

Neuroendocrine tumors of the gallbladder: A case report ...

https://www.researchgate.net/publication/51532681_Neuroendocrine_tumors_of_the...

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

<https://www.heighpubs.org/hcem/acem-aid1008.php>

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].