## [ PICTURES IN CLINICAL MEDICINE ]

## Fundic Gland Type Adenocarcinoma in Fundic Gland Polyps

Takeshi Yasuda, Tatsushi Omatsu and Nobuaki Yagi

Key words: fundic gland type adenocarcinoma, fundic gland polyp, submucosal tumor-like

(Intern Med 59: 455-456, 2020)

(DOI: 10.2169/internalmedicine.3768-19)

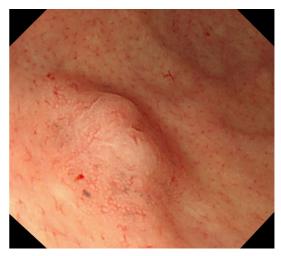


Picture 1.



Picture 3.

Endoscopic features of fundic gland type gastric adenocarcinoma (GA-FG) have recently been established (1, 2)

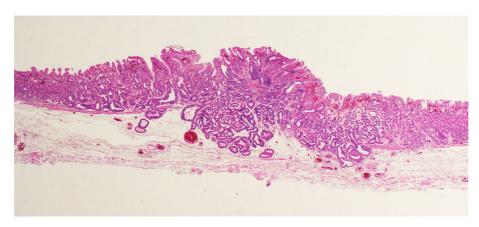


Picture 2.

but are not well-known worldwide. We encountered an instructive case of GA-FG in a 61-year-old woman. Screening esophagogastroduodenoscopy revealed a whitish, submucosal tumor-like protrusion with dilated vessels and a black spot in multiple fundic gland polyps (FGPs) in the fornix (Picture 1, 2). A regular arrangement of collecting venules (RAC) was found in the background. Narrow-band imaging showed dilatation of the crypt opening and intervening part (Picture 3).

Endoscopic submucosal dissection was performed and histopathology(Picture 4) demonstrated well differentiated tubular adenocarcinoma (tub1), gastric type, 9×6 mm, pT1b (pSM2), UL(-), Ly0, V0, pHM0, pVM0. The patient was carefully followed after considering the invasiveness and obtaining her informed consent.

Cases of multiple FGPs with RAC should be investigated and attention should be paid to submucosal tumor-like protrusion with dilated vessels, so that the diagnosis of GA-FG is not missed.



Picture 4.

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

## References

- **1.** Ueyama H, Yao T, Nakashima Y, et al. Gastric adenocarcinoma of fundic gland type (chief cell predominant type) proposal for a new entity of gastric adenocarcinoma. Am J Surg Pathol **34**: 609-619, 2010.
- Singhi AD, Lazenby AJ, Montgomery EA. Gastric adenocarcinoma with chief cell differentiation: a proposal for reclassification as oxyntic gland polyp/adenoma. Am J Surg Pathol 36: 1030-1035, 2012.

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/).

© 2020 The Japanese Society of Internal Medicine Intern Med 59: 455-456, 2020