

[PICTURES IN CLINICAL MEDICINE]

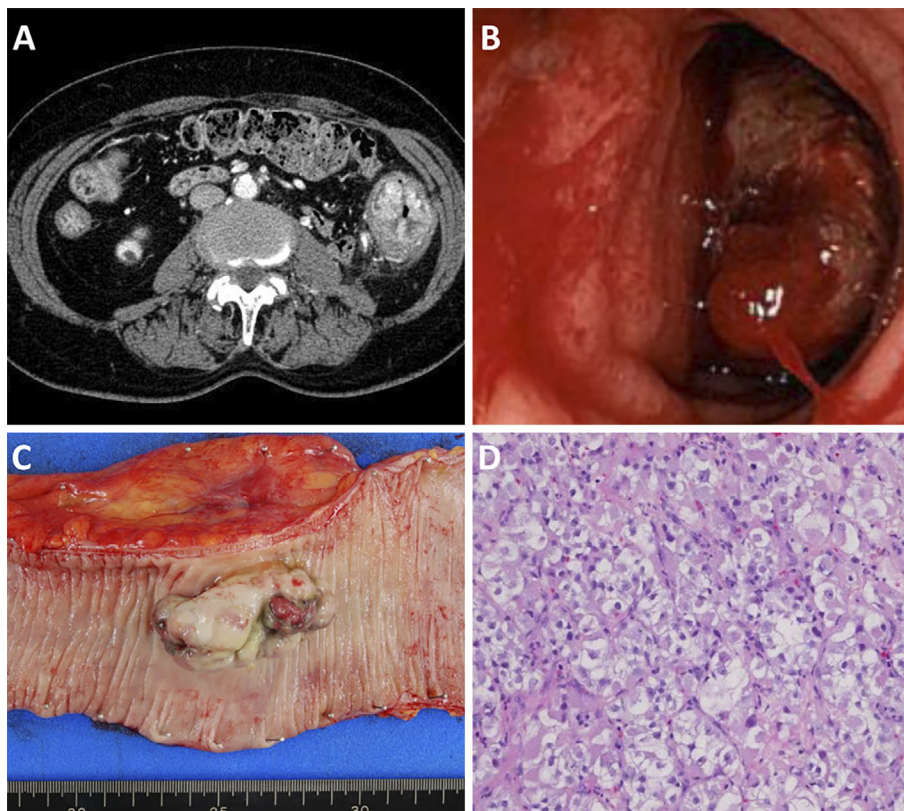
A Reddish Submucosal Tumor after Nephrectomy

Takuya Sadahira, Koichiro Wada, Ryuta Tanimoto and Motoo Araki

Key words: clear cell, renal cell carcinoma, descending colon, submucosal tumor

(Intern Med 57: 1793-1794, 2018)

(DOI: 10.2169/internalmedicine.9775-17)



Picture.

A 64-year-old woman presented with hemorrhagic stool 2 years after left radical nephrectomy for clear cell renal cell carcinoma (ccRCC; pT2N0M0). Abdominal enhanced computed tomography revealed a hypervascular tumor at the descending colon (Picture A). Colonoscopy showed a reddish mass resembling a submucosal tumor (SMT) at the descending colon, with ulceration on the top of the tumor (Picture B). A biopsy showed clear cell carcinoma. The patient underwent left hemicolectomy. The resected specimen showed SMT-like tumor ulceration (Picture C). A histopathological examination revealed clear cell carcinoma of renal

origin (Picture D). Positive CD10 staining was identified. Recurrence of ccRCC in the solitary descending colon is extremely rare (1). A previous study investigated 1,173 autopsy reports of patients with RCC and reported intestinal involvement in 9% of cases; however, none were solitary metastasis (2). The typical colonoscopic appearance is a reddish SMT with or without ulceration (1, 2). Endoscopic images may assist physicians with an appropriate diagnosis.

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

Department of Urology, Okayama University Graduate School of Medicine, Japan

Received: July 5, 2017; Accepted: August 17, 2017; Advance Publication by J-STAGE: December 21, 2017

Correspondence to Dr. Takuya Sadahira, t.sadahira@gmail.com

References

1. Vo E, Palacio CH, Omino R, et al. Solitary colon metastasis from renal cell carcinoma nine years after nephrectomy: A case report. *Int J Surg Case Rep* **27**: 55-58, 2016.
2. Saitoh H. Distant metastasis of renal adenocarcinoma. *Cancer* **48**:

1487-1491, 1981.

The Internal Medicine is an Open Access article 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/>).

© 2018 The Japanese Society of Internal Medicine
Intern Med 57: 1793-1794, 2018