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Clinical Image

Mantle Cell Lymphoma in the Differential Diagnosis of Colorectal Polyposis

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1. Abstract

I report a clinical case where the differential diagnosis of a colorectal polyposis can be particularly difficult.

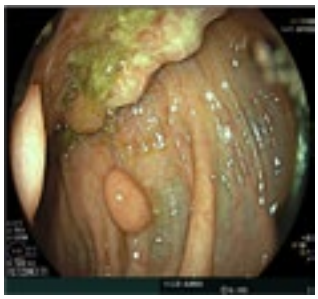
2. Keywords: Mantle cell lymphoma;Polyposis

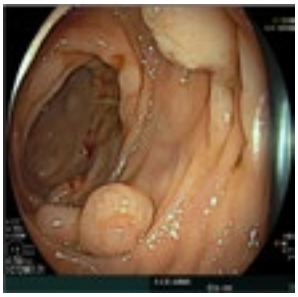
3. Clinical Image

A 61-year-old woman was admitted to the hospital because she had diarrhea, abdominal pain and fever. The patient´s medical history included hypertension and dyslipidemia. Initially we ordered a CT scan which showed enlarged retroperitoneal and peritoneal lymph nodes and peritoneal implants. Colonoscopy showed in the cecum an ulcerated big mass in the theoretical area oh the ileocecal valve (**Figure 1**), and all over the colon multiple colorectal polyps (> 50) between 5 – 15 mm (**Figure 2**). Because of the CT scan findings we only took biopsies, which demonstrated marked mucosal infiltration by lymphoid cells positive for CD20, CD 5 and cyclin D1; Ki-67 staining revealed a proliferative index of 80%; all of them consistent with mantle cell lymphoma (MCL).

MCL is a subtype of non-Hodgkin B-cell lymphoma, accounting for 6% of all non-Hodgkin lymphoma [1]. GI tract involvement in MCL patients is virtually constant at the time of diagnosis. This involvement often affects several segments of the GI tract and is usually asymptomatic [2].

We aimed that MCL is one of the possibilities in the differential diagnosis of a colorectal polyposis; It will be particularly difficult in asymptomatic or paucisymptomatic patients.





References

1. Arati A, Inamdar, Andre Goy, Nehad M,Ayoub, Christen Attia, et al. Mantle cell lymphoma in the era of precision medicine-diagnosis, biomarkers and therapeutic agents. Oncotarget. 2016; 7(30): 48692 - 48731.

2. Salar A, Juanpere N, Bellosillo B, Domingo-Domenech E, Espinet B, et al. Gastrointestinal involvement in mantle cell lymphoma: a prospective clinic, endoscopic, and pathologic study. Am J SurgPathol. 2006;30(10):1274-80.