

# Isolated lipstick-like ulceration of the ileocecal valve: A hallmark of cytomegalovirus colitis

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**Cite this article as:** Daniel F, Ghaoui N, Karaoui WR, Sabatto BZ, Khalifeh I, El-Cheikh J. Isolated lipstick-like ulceration of the ileocecal valve: A hallmark of cytomegalovirus colitis. *Turk J Gastroenterol* 2020; 31(3): 274-5.

Dear Editor,

A 62-year-old male patient diagnosed with stage II diffuse large B-cell lymphoma in June 2017 was initially treated with intensified rituximab, doxorubicin, cyclophosphamide, vindesine, bleomycin, and prednisone (R-ACVBP), which were followed by Cytarabine injections. On the surveillance positron emission tomography scan, he demonstrated a good response to the chemotherapy but showed a new-onset weak uptake in the transverse colon. He did not have any fever, diarrhea, or abdominal pain.

A colonoscopy showed an ulcerated ileocecal valve with a lipstick-like pattern of lesions (Figure 1) and a small sigmoid polyp that appeared endoscopically to be an inflammatory polyp (Figure 2) and was removed with the biopsy forceps. The rest of the colonic mucosa was macroscopically normal. We would like to mention that written informed consent was obtained from the patient who participated in this study before submitting these figures.

Histopathologic examination of the biopsy specimens taken from the ileocecal valve and the sigmoid polyp showed inflammatory tissue in nature along with intranuclear and cytoplasmic inclusions, mainly in the endothelial cells. This finding was consistent with cytomegalovirus (CMV) colitis, which was confirmed by the immunohistochemistry staining of CMV (Figure 3).

Matsuda et al. (1) showed that a cecal ulcer is the most reliable endoscopic finding of CMV colitis and recommended a total colonoscopy to make the diagnosis.

Moreover, Agaimy et al. (2) described the unusual presentation of gastrointestinal CMV infection regarding the formation of inflammatory polyps, as shown in our case.



**Figure 1.** Ulcerated ileocecal valve with a lipstick-like pattern.



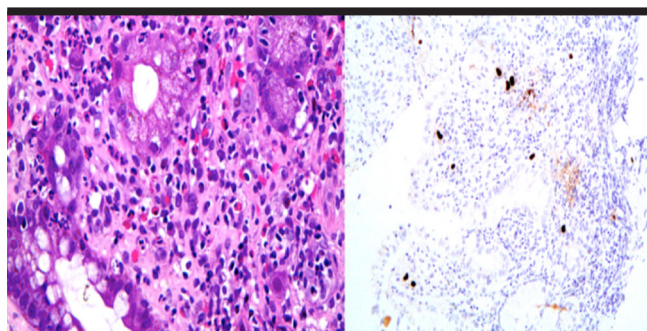
**Figure 2.** Small sigmoid inflammatory polyp.

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Received: March 20, 2019 Accepted: April 2, 2019

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DOI: 10.5152/tjg.2020.19116



**Figure 3.** Intranuclear and cytoplasmic inclusions in endothelial cells on H&E (left) and immunohistochemistry (right).

**Informed Consent:** Written informed consent was obtained from the patient who participated in this study.

**Peer-review:** Externally peer-reviewed.

**Author contributions:** Concept – F.D., J.E.C.; Design – F.D., W.K.; Supervision – F.D., B.Z.S.; Materials – N.G., W.K.; Data Collection and/or Processing – N.G., B.Z.S., I.K.; Analysis and/or Interpretation – W.K., B.Z.S., I.K.; Literature Search – F.D., N.G., I.K.; Writing – F.D., J.E.C.; Critical Reviews – F.D., N.G., W.R.K., B.Z.S., I.K., J.E.C.

**Conflict of Interest:** The authors have no conflict of interest to declare.

**Financial Disclosure:** The authors declared that this study has received no financial support.

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