

Gastrointestinal and Liver Pathology at Rush

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Case of the Month Question – April 2010

Contributed by Drs. Luis Blanco Jr. and Shriram Jakate

A 33 y/o woman, with no significant past medical history, presents with loose stools for four weeks. She denies nausea, vomiting, fever, and other symptoms. Physical examination, laboratory tests including stool analysis, and endoscopy were unremarkable. Terminal ileum and random colon biopsies were performed (Figures 1 and 2). Mast cell tryptase immunohistochemical stain was done (Figure 3).

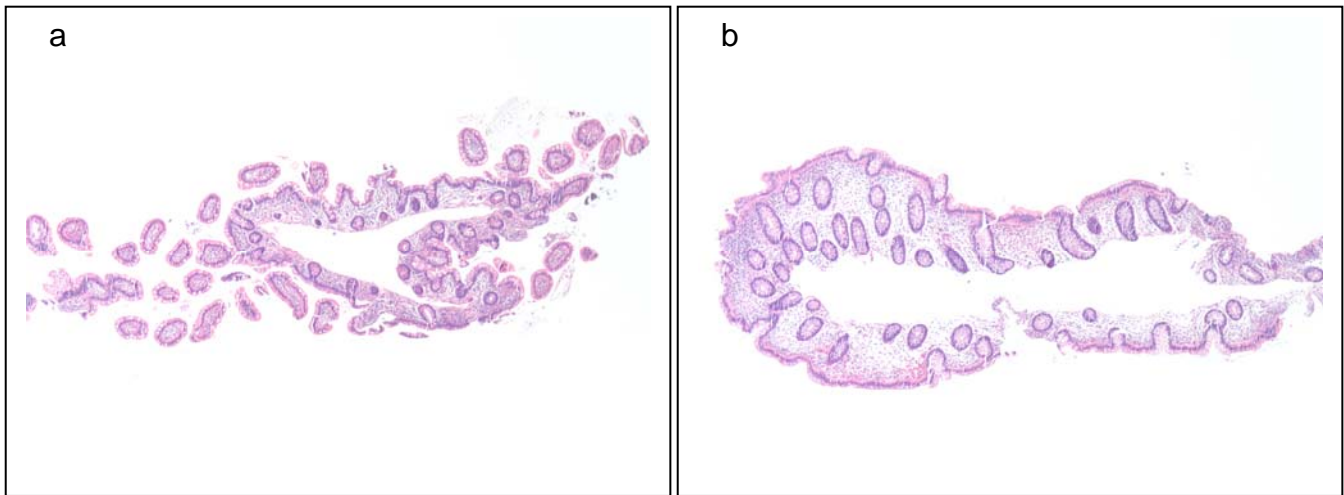


Fig. 1 Low power magnification (4X) of H&E stained terminal ileum (a) and random colon (b) biopsies.

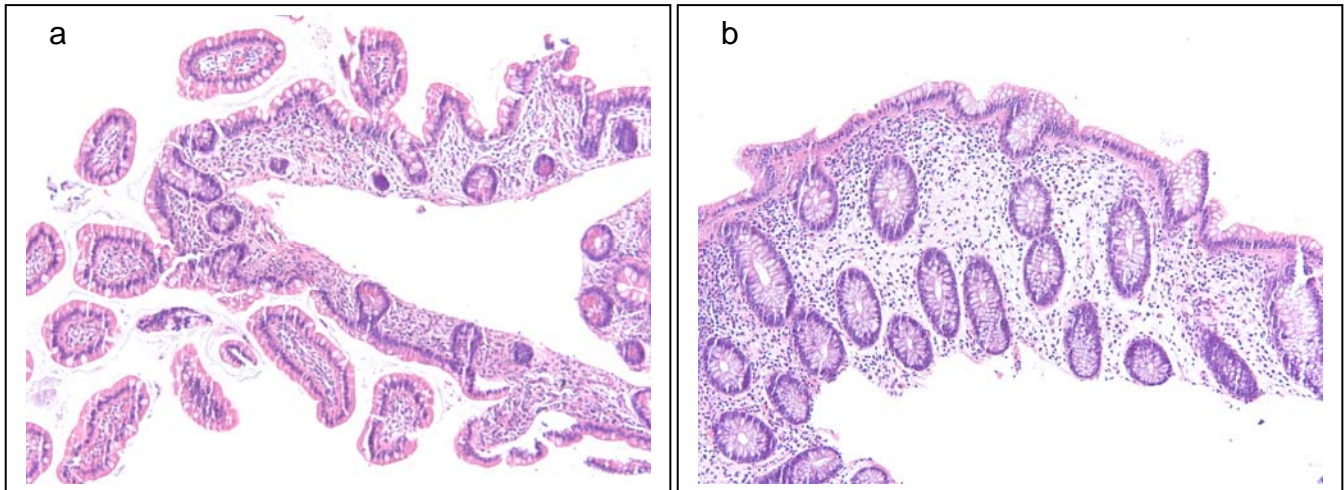


Fig. 2 Higher magnification (10X) of H&E stained terminal ileum (a) and random colon (b) biopsies demonstrating unremarkable ileal and colonic mucosa and no ileitis or active, microscopic, eosinophilic or collagenous colitis.

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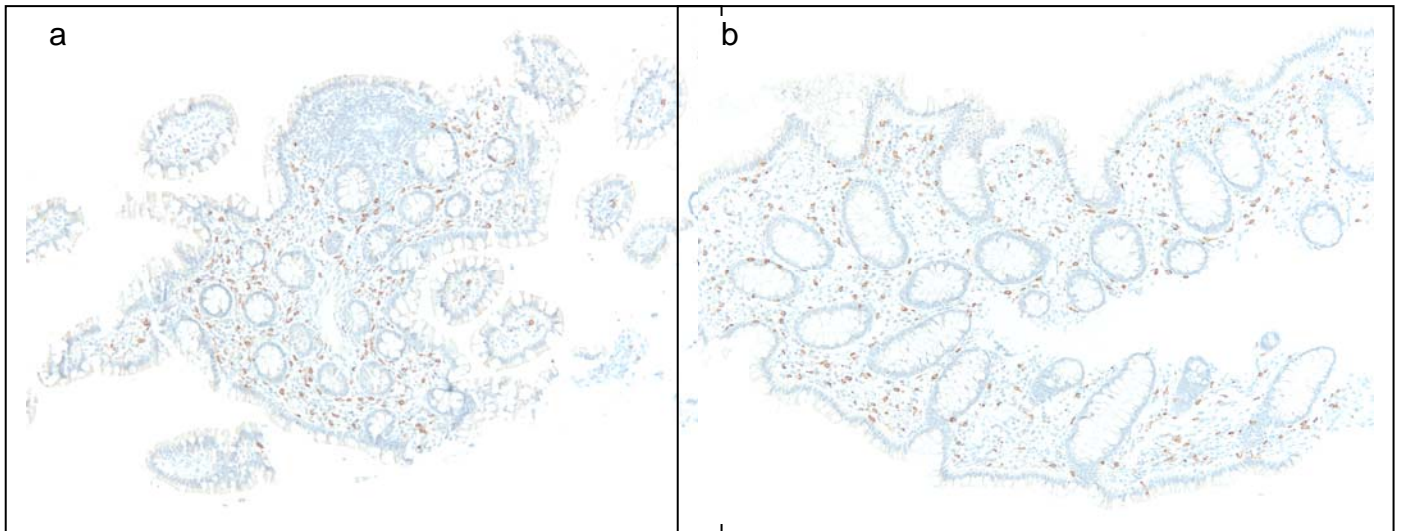


Fig. 3 Mast cell tryptase immunohistochemical stain (10X) performed on the terminal ileum (a) and random colon (b) biopsies.