

Ulcerative Colitis-Primary Sclerosing Cholangitis in the Setting of Sickle-Cell Disease and Marfan's Syndrome: A Case Report

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ABSTRACT

A 32-year-old male with sickle-cell disease and Marfan's syndrome was diagnosed with ulcerative colitis and primary sclerosing cholangitis. He had clinical and endoscopic evidence of severe disease activity despite trials of anti-tumour necrosis factor agents, anti-interleukin therapy, and a Janus Kinase inhibitor. Eventually, he underwent a colectomy and ileo-anal anastomosis and remains well, with ongoing regular follow-up. This, to our knowledge based on the available literature, is the first reported case of ulcerative colitis coexisting with primary sclerosing cholangitis, Marfan's syndrome, and sickle-cell disease. The coexistence of these comorbidities complicated the patient's management course and required multidisciplinary team input. This case highlights the significance of multidisciplinary input in the management of such complex cases, particularly given the possibility of peri- and post-operative complications in cases of connective tissue disease and sickle-cell disease.

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