

Neutropenic enterocolitis disclosing an underlying cyclic neutropenia: case report

Lahlimi Fatimaezzahra¹, Khawla Khalil¹, Soumia Lahiouni¹, and Iliass Tazi¹

¹Mohammed VI University Hospital Marrakech

June 26, 2020

Abstract

Neutropenic enterocolitis is a syndrome characterized by fever and abdominal pain in a neutropenic patient. It is often reported in children treated for leukemia, rarely reported in patients with other diseases. Herein, we report the case of a 9-year-old patient with a medical history of recurrent fever and mouth ulcers since the age of 4, who presented with neutropenic enterocolitis complicated with intestinal perforation which all led to disclose cyclic neutropenia. The patient was successfully treated by aggressive supportive care combining to surgical intervention. Neutropenic enterocolitis with possible complications should be considered and promptly managed in every neutropenic patient and may reveal a rare cause of neutropenia as cyclic neutropenia

Hosted file

manuscript CN.doc available at <https://authorea.com/users/336949/articles/462634-neutropenic-enterocolitis-disclosing-an-underlying-cyclic-neutropenia-case-report>