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Summer Research Scholar

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Title: *Current usage of metronidazole in Pediatric Inflammatory Bowel Disease*

Background: Metronidazole (Flagyl) is a commonly prescribed antibiotic used to treat a variety of bacterial infections. It is commonly used in pediatric gastroenterology patients to treat small intestinal bacterial overgrowth (SIBO), intestinal abscesses and flares of Inflammatory Bowel Disease (IBD). In studies on IBD flares, specifically Crohn's disease, in the adult population, metronidazole has shown to be an effective treatment. However, the efficacy of metronidazole in the pediatric IBD population has not been conclusively demonstrated. In addition, the indications for diagnosing a flare are not clearly defined, as a flare is difficult to distinguish from bacterial overgrowth, viral infection, or IBS symptoms. While the majority of cases resolve with a course of metronidazole, th

