

# Perianal disease, stricturing or penetrating behavior tied to Crohn disease outcomes

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Perianal disease and stricturing or penetrating behavior are associated

with more than one significant outcome with Crohn disease, according to a study published online Nov. 15 in *BMJ Open Gastroenterology*.

Carolina da Silva Beda Sacramento, from the Hospital Universitário Professor Edgard Santos in Salvador, Brazil, and colleagues assessed variables associated with hospitalizations in patients with Crohn disease and those associated with [surgery](#), intestinal resection, hospital readmission, need for multiple operations, and immunobiological agent use. The analysis included 220 patients.

The researchers found that only perianal disease was associated with hospitalization (31.6 versus 13.0 percent). Surgery was associated with stricturing or penetrating behavior (35.8 versus 12.6 percent) and perianal disease (45.9 versus 9.9 percent). Intestinal resection was associated with ileal or ileocolonic location (80.0 versus 46.5 percent) and stricturing or penetrating [behavior](#) (68.0 versus 11.2 percent). Steroid use at first Crohn disease occurrence was associated with [hospital readmission](#), while postoperative complications were associated with need for multiple operations.

"These findings reveal important information on the progression of moderate-to-severe Crohn disease in a Latin American country, which could be applicable in other newly industrialized countries," the authors write.

Several authors disclosed financial ties to the [pharmaceutical industry](#).

**More information:** Carolina da Silva Beda Sacramento et al, Variables associated with progression of moderate-to-severe Crohn's disease, *BMJ Open Gastroenterology* (2022). [DOI: 10.1136/bmjgast-2022-001016](https://doi.org/10.1136/bmjgast-2022-001016)

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