

# Rifaximin effective for repeat treatment of IBS with diarrhea

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(HealthDay)—Repeat treatment with the nonsystemic antibiotic

rifaximin is effective in patients with relapsing symptoms of diarrhea-predominant irritable bowel syndrome (IBS-D), according to a study published in the December issue of *Gastroenterology*.

Anthony Lembo, M.D., from the Beth Israel Deaconess Medical Center in Boston, and colleagues conducted a multicenter, phase 3, randomized, placebo-controlled trial to evaluate the safety and efficacy of repeat [treatment](#) with the nonsystemic antibiotic rifaximin (550 mg three times daily for two weeks) among 636 adults with IBS-D, mean [abdominal pain](#) and bloating scores of 3 or more, and loose stool (February 2012 through June 2014).

The researchers found that the percentage of responders was significantly greater with rifaximin than placebo ( $P = 0.03$ ). For abdominal pain, the percentage of responders ( $P = 0.018$ ) was significantly greater with rifaximin versus placebo, but not for stool consistency ( $P = 0.42$ ). There were also significant improvements for prevention of recurrence, durable response, and [bowel movement](#) urgency. The groups had similar adverse event rates.

"In a phase 3 study of patients with relapsing symptoms of IBS-D, repeat rifaximin treatment was efficacious and well tolerated," the authors write.

Several authors disclosed financial ties to Salix Pharmaceuticals, which manufactures rifaximin and funded the study.

**More information:** [Full Text](#)

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