

Side-to-side isoperistaltic strictureplasty helpful in Crohn's

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(HealthDay)—For patients with Crohn's disease (CD), side-to-side

isoperistaltic strictureplasty (SSIS) is beneficial, with acceptable recurrence rates, according to a study published online Dec. 30 in *JAMA Surgery*.

Marilena Fazi, M.D., from the University of Florence in Italy, and colleagues examined the results obtained in a monocentric population of 91 [patients](#) with CD who underwent SSIS (mean [age](#), 39.5 years; mean preoperative disease duration, 97.9 months). The procedure was performed according to the Michelassi technique in 69 patients and according to the Tonelli technique in 22 patients.

Follow-up data were available for 91.2 percent of patients, of whom 44.58 percent experienced [recurrence](#) at a mean of 55.46 months postoperatively. The researchers found that, overall, 28.9 percent of patients experienced recurrence at the SSIS site, which occurred at a mean of 48.25 months after [surgery](#) (nine medical and 15 surgical recurrence cases). There was a significant association for recurrence in the SSIS with time elapsed between diagnosis and surgery ($P = 0.03$). There was a borderline correlation between [family history](#) of CD and surgical recurrence ($P = 0.054$). In multivariate analysis, independent risk factors for recurrence were found to be age at diagnosis ($P = 0.02$), age at surgery ($P = 0.005$), family history ($P = 0.01$), and smoking habit ($P = 0.007$).

"In the short-term, SSIS leads to a resolution of symptoms in more than 90 percent of cases and the recurrence rate in the SSIS area is acceptable, even after long-term follow-up," the authors write.

More information: [Abstract](#)

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