

Reconstruction method in gastric CA surgery affects bone density

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(HealthDay)—The reconstruction method may affect postoperative bone

mineral density (BMD) loss in gastric cancer, according to a study published online July 31 in the *Journal of Gastroenterology and Hepatology*.

Taisuke Imamura, M.D., from the Kyoto Prefectural University of Medicine in Japan, and colleagues assessed 148 consecutive patients who underwent distal gastrectomy with Billroth-I (B-I) or Roux-en-Y (R-Y) reconstruction for stage I [gastric cancer](#) (2008 to 2012). BMD data were retrospectively assessed using computed tomography attenuation values of the first lumbar vertebra after surgery.

In multivariate analysis, the researchers found that R-Y reconstruction was an [independent risk factor](#) for BMD loss after distal gastrectomy (P

"B-I [reconstruction](#) might be a preferable method for preventing BMD loss after gastrectomy in gastric [cancer](#) patients," the authors write.

More information: [Abstract](#)
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