

Robotic gastrectomy for gastric cancer does not cut postop infections

September 22 2021



(HealthDay)—Robotic gastrectomy (RG) does not reduce intra-

abdominal infectious complications compared with laparoscopic gastrectomy (LG) for gastric cancer, according to a study published online Sept. 1 in *JAMA Surgery*.

Toshiyasu Ojima, M.D., Ph.D., from Wakayama Medical University in Japan, and colleagues compared the short-term surgical outcomes of RG to those of LG for [patients](#) with resectable [gastric cancer](#). The analysis included 236 randomly assigned patients.

The researchers observed no significant difference in the incidence of intra-abdominal infectious complications (8.5 percent in the LG group versus 6.2 percent in the RG group). Two LG patients converted to open surgery, while four RG patients converted from RG to open or [laparoscopic surgery](#). The LG group had a significantly higher overall incidence of postoperative complications of grade II or higher versus the RG group (19.7 versus 8.8 percent). The [complication rate](#) was still significantly higher in the LG group even when limiting the analysis to grade IIIa or higher (16.2 versus 5.3 percent).

"Robotic gastrectomy did not change the rate of intra-abdominal infections but performed better in other outcomes," the authors write.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

Copyright © 2021 [HealthDay](#). All rights reserved.

Citation: Robotic gastrectomy for gastric cancer does not cut postop infections (2021, September 22) retrieved 10 May 2024 from <https://medicalxpress.com/news/2021-09-robotic-gastrectomy-gastric-cancer-postop.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private

study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.