

# H. pylori linked to increased odds of laryngeal carcinoma

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(HealthDay)—*Helicobacter pylori* (*H. pylori*) infection is associated with significantly increased odds of laryngeal carcinoma but not pharyngeal cancer, according to a review published online Aug. 28 in *Head & Neck*.

Jian Zhou, Ph.D., from Fudan University School of Medicine in China, and colleagues conducted a systematic review of studies relating to *H. pylori* infection in laryngeal or pharyngeal carcinomas. Data from 11 studies were included in the meta-analysis.

The researchers found that *H. pylori* infection was significantly elevated in the study group versus the normal control group (odds ratio, 2.87; 95 percent confidence interval, 1.71 to 4.84; P odds ratios for laryngeal carcinoma and pharyngeal cancer were 3.28 (95 percent confidence

interval, 1.91 to 5.63; P

"This meta-analysis favors the suggestion that there seems to be a correlation between *H. pylori* infection and laryngeal carcinoma," the authors write. "Nevertheless, no significant relationship was found between *H. pylori* [infection](#) and pharyngeal cancer. Furthermore, the small number of studies involved in this study led to a large confidence interval in this assessment."

**More information:** [Abstract](#)  
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