

# H. pylori linked to increased odds of laryngeal carcinoma

16 September 2015



confidence interval in this assessment."

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

Copyright © 2015 [HealthDay](#). All rights reserved.

(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

APA citation: H. pylori linked to increased odds of laryngeal carcinoma (2015, September 16) retrieved 25 July 2022 from <https://medicalxpress.com/news/2015-09-pylori-linked-odds-laryngeal-carcinoma.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.*