

# H. pylori infection may reduce risk of allergic esophageal condition

March 2 2016

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New research suggests that *Helicobacter pylori* (*H. pylori*) infection of the stomach, which occurs in about half of the world's population and can cause peptic ulcers and stomach cancer in minority of cases, may help protect against an allergic disorder of the esophagus condition called eosinophilic esophagitis (EoE).

In a study of 58 adults with EoE and 116 aged- and sex-matched controls, *H. pylori* infection was inversely associated with EoE. The prevalence of *H. pylori* in the control group was 37.9%, whereas 3 EoE patients (5.2%) were currently infected with *H. pylori* and 5 EoE patients (8.6%) reported prior eradication of *H. pylori*. *H. pylori* infection was linked with a 76% reduced likelihood of having EoE.

"This adds to the evidence that allergic disorders in general may be less common in people with *H. pylori* infection," said lead author Dr. Ulrike von Arnim, of the University of Magdeburg, in Germany. The results are published in *Alimentary Pharmacology & Therapeutics*.

**More information:** U. von Arnim et al. infection is associated with a reduced risk of developing eosinophilic oesophagitis , *Alimentary Pharmacology & Therapeutics* (2016). [DOI: 10.1111/apt.13560](https://doi.org/10.1111/apt.13560)

Provided by Wiley

Citation: H. pylori infection may reduce risk of allergic esophageal condition (2016, March 2)  
retrieved 6 May 2024 from

<https://medicalxpress.com/news/2016-03-pylori-infection-allergic-esophageal-condition.html>

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