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*Helicobacter pylori* infection and gastric carcinoma: Not all the strains and patients are alike

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**Abstract**

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Gastric carcinoma (GC) develops in only 1%-3% of *Helicobacter pylori* (*H. pylori*) infected people. The role in GC formation of the bacterial genotypes, gene polymorphisms and host's factors may therefore be important. The risk of GC is enhanced when individuals are infected by strains expressing the oncoprotein CagA, in particular if CagA has a high number of repeats containing the EPIYA sequence in its C'-terminal variable region or particular amino acid sequences flank the EPIYA motifs. *H. pylori* infection triggers an

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[www.cancer.gov/about-cancer/causes-prevention/risk/infectious-agents/h-pylori-fa](http://www.cancer.gov/about-cancer/causes-prevention/risk/infectious-agents/h-pylori-fa)

A fact sheet about the relationship between *H. pylori* infection and gastric ... However, not all strains of *H. pylori* carry the *cagA* gene. those that do are ... However, nearly all patients with gastric MALT lymphoma show signs of *H. pylori* infection, and ... cancer incidence of antimicrobial treatment to eradicate *H. pylori*, a similar....

### Gastric Cancer - Helicobacter pylori - NCBI Bookshelf

[www.ncbi.nlm.nih.gov/books/NBK2445/](http://www.ncbi.nlm.nih.gov/books/NBK2445/)

Furthermore, *H. pylori* infection is one of the major causes of recurrent peptic ulcer ... Accordingly, patients with peptic ulcer disease are advised to undergo *H. pylori* ... The onset of gastric cancer can be explained as being caused not only by *H. pylori* ... This finding may suggest that the *H. pylori* strain causing gastric ulcer is....

### Helicobacter pylori and Gastric Cancer: Factors That Modulate ...

[www.ncbi.nlm.nih.gov/pmc/articles/PMC2952980/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2952980/)

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### Relationship between caga-positive Helicobacter pylori infection ...

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All patients were evaluated for the status of infection by *H. pylori* (through ... is an association between *cagA*-positive *H. pylori* strains and risk of gastric cancer. The



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## Helicobacter pylori and Cancer - National Cancer Institute

[www.cancer.gov/about-cancer/.../infectious.../h-pylori-fact-sheet](http://www.cancer.gov/about-cancer/.../infectious.../h-pylori-fact-sheet) ▾ 翻译此页

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