

## Helicobacter pylori Associations

Infection by *H. pylori* is implicated in various stomach pathologies. These include chronic gastritis (Type B), peptic ulcer disease and differing etiologies of stomach cancer (gastric adenocarcinoma and MALT lymphoma).



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### Gastritis

#### Stomach-on-fire

*H. pylori* infection is the cause of Type B chronic gastritis, which is the most common type of gastritis. Type B occurs in the antrum of the stomach, and the mnemonic Type **B** is caused by **B**acteria is helpful for recall.

### Peptic Ulcer Disease

#### Pepper Ulcer-volcano

Peptic ulcer disease is highly associated with *H. pylori* infections. 70% of gastric ulcers show an infection by this microbe, while nearly 100% of duodenal ulcers show an *H. pylori* infection.

### Stomach Cancer

#### Stomach Tumor-guy

*H. pylori* is considered an oncogenic microbe, as an infection by this pathogen is associated with stomach cancers. These cancers, in particular, are gastric adenocarcinoma and MALT (mucous associated lymphoid tissue) lymphoma.