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*Observational Study*

**Type I and Type II *Helicobacter pylori* infection status and their impact on gastrin and pepsinogen level in a gastric cancer prevalent area**

Lin Yuan, Jun-Bo Zhao, Ying-Lei Zhou, Ya-Bin Qi, Qiong-Ya Guo, Hai-Hui Zhang,  
Muhammad Noman Khan, Ling Lan, Chang-He Jia, Yan-Rui Zhang, Song-Ze Ding

Abstract

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Introduction. **Helicobacter pylori** (HP) is a spiral-shaped bacterium that resides in the human **gastric** mucosal layer or adheres to the epithelial lining of the stomach. HP **infection** usually occurs in childhood and persists for a long time. HP **infection** is involved in **gastric** diseases such as chronic gastritis, **gastric** ulcer, and **gastric** adenocarcinoma [1, 2].

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## Helicobacter pylori infection and pepsinogen levels have ...

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**Helicobacter pylori** (Hp) **infection** is known to alter levels of pepsinogens (PG) and is correlated with several disease states, including **gastric** and cardiovascular diseases. This study sought to assess whether Hp **infection** is associated with hypertension as well as to identify the value of assessing the PG I/PG II ratio in patients with hypertension.

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Publish Year: 2014

## Helicobacter pylori Infection, Serum Pepsinogen Level and ...

## Helicobacter pylori

**Helicobacter pylori**, previously known as **Campylobacter pylori**, is a gram-negative, helically-shaped, microaerophilic bacterium usually found in the stomach. Its helical shape is thought to have evolved in order to penetrate the mucoid lining of the stomach and thereby establish infection. The bacterium was first identified in 1982 by Australian doctors Barry Marshall and Robin Warren, who found that it was present in a person with chronic gastritis and gastric ulcers, conditions not previously believed to have a microbial cause. H. **pylori** has been associated with the mucosa-associated lymphoid tissue in the stomach, esophagus, colon, rectum, or tissues around the eye, and of lymphoid tissue in the stomach.

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