

University of Baghdad

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Thesis Title	The isolation and diagnosis of <i>Helicobacter pylori</i> and its sensitiviti to some antibiotics		
Year	2002		
Abstract	<p>The study included 116 patients complaining of despeptic symptoms, they were subjected to gastroduodenoscopy and antral biopsies were taken from them for bacteriological examination (urease test, bacterial culture) and histological examination (using Giemsa and Hematoxylin-Eosin stains) for detection of <i>Helicobacter pylori</i>. Serological test was done for patients who were subjected to endoscopy.</p> <p>The bacterial infection was found in (87.5%) of the patients who had duodenal ulcer, in (81.8%) in those gastritis and in 971.4%) on patients with gastric ulcer. The study pointed an increased of bacterial infection of <i>Helicobacter pylori</i> with age to reach (81%) for patients of (40-49) years old but declined after the age of fifty. There was no statistical correlation between <i>Helicobacter pylori</i> infection and sex, smoking or blood group of the patients.</p> <p>Sensitivity test to some antibiotics was done and the minimal inhibitory concentration to some of these antibiotics was also done. The result revealed that the sensitivity of the bacterial isolates to Clarithrimycin and tetracycline was (100%), to Cephalexin (90%), to Amoxicillin an Ampicilin (80%), to Refampicin (50%), to Ciprofloxacin (40%), and to Metronidazole (30%).</p>		