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| The association of *Helicobacter pylori* mucosal density with low Serum Ferritin. | Research Title  |
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| Although there are several methods to detect *Helicobacter pylori* infection, there is no simple validated test to quantify the density of infection, which is believed to play a major role in the pathogenesis of *H. pylori*-associated Gastritis and serum Ferritin level. Forty seven of the 64(73%) patients were *H.pylori* positive group. patients were classified according to the age group and gender. The rates of the *H.pylori* infection were higher in female age group 21-30 years. A total 16 of the 47 (34%) infected patients showed low serum Ferritin values with high rate in female with age group 21-30years. Twenty eight of the 47(60%) patient biopsies showed positive microscopic examination with slide impression smear test .Twenty seven of the 47(57%) infected patients showed seropositive results to anti-*H.pylori* IgG antibody and also positive with URUT,10 individuals of this group showed low serum Ferritin values. While ten of the47 (21%) infected patients showed seronegative results to anti-*H.pylori* IgG antibody but positive with URUT,5 individuals of this group showed low serum Ferritin values. | Abstract |