

Brief Report

Seroepidemiological Prevalence of *Helicobacter Pylori* of the Patients Referred to the Central Laboratory in South of Tehran, 2010

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Abstract

Background and Objective: *Helicobacter pylorus* is the major cause of inflammation and ulcer in stomach, and immunoglobulin IgG is one of the antibodies produced against it, which is important in the course and diagnosis of the previous sufferers. The awareness of the prevalence of this disease can be helpful for the physicians to choose the way of treatment.

Material and Methods: In these cross-sectional study, 516 patients referred to laboratory was studied. After separating the serum, Antibody *Helicobacter pylori* IgG test was done by ELISA method.

Results: of 516, 156 (30.2 %) of the patients have a positive result, 51 (32.7%) are males and 105 (67.3 %) are females. Positive percent of males (43.5%) is greater than females (26.5%). Over-45-year-old women (9.8 %) have the highest percentage of disease titers.

Conclusion: The percent of positive cases in men is more than that the women. Over-45-year-old women (9.8 %) have the highest percentage of positive case.

Keywords: *Helicobacter pylori* IgG, Tehran, ELISA

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