

# ABSTRACT

TITLE OF ABSTRACT: *PREVALENCE OF HELICOBACTER PYLORI INFECTION AND INFLUENCE OF LARYNGOPHARYNGEAL REFLUX IN PATIENTS WITH LARYNGEAL PATHOLOGIES.*

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## OBJECTIVES:

To study the prevalence of *Helicobacter pylori* in patients with laryngeal pathologies and to study the association of laryngopharyngeal reflux in laryngeal pathologies by means of Reflux Symptom Index and Reflux Finding Score.

## METHODS OF STUDY:

All patients who presented to the ENT outpatient department with complaints of change in voice and who were scheduled for microlaryngoscopic surgery were enrolled in the study after obtaining an informed consent. Presence of laryngopharyngeal reflux in these patients was assessed by the Reflux Finding Score (RFS) and Reflux Symptom Index questionnaire. Tissue from the larynx was taken for real time PCR analysis and Giemsa staining for detection of *Helicobacter pylori*.

## RESULTS:

Our study could not detect *Helicobacter pylori* in laryngeal pathologies by PCR analysis or by Giemsa staining method.

*Keywords* : *Helicobacter pylori*, Laryngopharyngeal reflux, PCR