

Histopathological Spectrum of Upper Gastrointestinal Endoscopic Biopsies in a Rural Teaching Hospital

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Abstract

INTRODUCTION: The patients with gastrointestinal tract complaints of pain in abdomen, dyspepsia, anorexia and vomiting, form the major disease group in all ages in rural setup, so thorough investigations and histopathological correlation becomes important for further management of disease.

AIMS & OBJECTIVES: A. To study Histopathological lesions of upper gastrointestinal tract on endoscopic biopsy along with clinical findings. B. To find out frequency of occurrence of various upper gastrointestinal lesions in relation to age, sex and site.

MATERIALS & METHODS: The specimens included in our study were endoscopic biopsies of upper gastrointestinal tract received in department of pathology during last 1 year (oct 2018 to oct 2019). All the specimens were fixed in 10% formalin and processed as per routine HE examination. Special stains used wherever necessary.

RESULTS: Our study included 70 upper GIT endoscopic biopsy of which 25 were inflammatory and 22 were neoplastic lesions and 10 were categorised as benign. Male preponderance was seen among the cases studied. Non-neoplastic lesions were seen in 2nd to 5th decades whereas neoplastic lesions were seen in older age group.

CONCLUSION: This study revealed that stomach was the common site for inflammatory and neoplastic lesions. In our study, the incidence of gastric carcinoma is high among all upper GIT malignant lesions. So, endoscopy followed by histopathological examination is necessary for early diagnosis and management of upper GIT lesions.

Biography:

Dr. Rupali Munde raised and graduated in India, Specialist in Pathology and Infectious diseases. She is currently the Professor in MIMER Medical College, Pune, India.

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