

14th International Conference on

Surgical Pathology & Cancer Diagnosis

May 17-18, 2018 | Rome, Italy

A histopathological spectrum of gastrointestinal tract lesions in a tertiary care centre in South Western part of Punjab: An epidemiological study

Arnav Kr Roychoudhury

Adesh Institute of Medical Sciences & Research, India

Background: Gastro intestinal tract (GIT) lesions are among the most common lesions of the human body with adenocarcinomas occurring most commonly in the intestines.

Aims & Objectives: To study the distribution of various types of benign and malignant Gastrointestinal tract lesions in relation to age, sex and site.

Materials & Methods: The prospective study of 159 patients having gastrointestinal lesion were included in this study over a period of one year from October 2016 to September 2017. The materials were collected in the form of biopsy and resected specimens of gastrointestinal tract with relevant clinical history. all the specimens were sent as 10% formalin fixed and routinely processed in the automatic tissue processor. Routine hematoxylin and eosin stains were done along with other special stains whenever needed.

Results: Out of total 5000 specimens 159 cases (3.18%) were of gastrointestinal tract. Appendicitis was the most common benign lesion comprising of 52.14% of cases. In our study adenocarcinoma was the most common type of gastrointestinal tract malignancy (48.57%). The second most common malignancy was squamous cell carcinoma (37.14%). Most common histopathological lesion of the esophagus was squamous cell carcinoma whereas adenocarcinomas were the most common malignant intestinal lesions.

Biography

Arnav Kr Roychoudhury has completed his MD from Mahatma Gandhi University of Health Sciences. He has done Clinical Observership in Surgical Pathology from Tata Memorial Hospital . He has published more than 14 papers in reputed journals and has also served as a Reviewer.

drarnav2007@gmail.com