ABSTRACT

Objective: To observe the histological changes in gallbladder mucosa due to Cholelithiasis.
**Study Design:** Observational study

**Place and Duration of Study:** This study was carried out at Department of Surgery, Anatomy and Pathology of Isra University Hospital and Institute of Biochemistry Sindh University Jamshoro.

**Materials and Methods:** Sixty nine cases of Cholelithiasis undergoing surgery were included in this study. After operation the gall bladders were obtained and fixed in 10% formalin. Gall bladder stone were obtained and their analysis was done in the Institute of Biochemistry Sindh University Jamshoro. Gross examination of gall bladders was done and for microscopy after hematoxylin and eosin staining, sections were obtained from the fundus, body and neck of the gallbladder. Additional sections were taken from grossly abnormal looking areas.

**Data analysis:** Data was analyzed by using SPSS version 16.0. Chi square test was used to determine statistical significance between categorical groups (p<0.5)

**Results:** it was observed that size of gall bladder were normal in 41(59.4%), increased in 20(29.0%) and shrunken in 08(11.6%) cases. The mucosal changes seen in Cholelithiasis include, Cholestrolosis in 18 (26.08%), ulceration 07 (10.1%), atrophy 12 (17.4%) and lymphocytic infiltration in 67 (97%) cases

**Conclusion:** Cholelithiasis produced a series of histopathological changes in the gallbladder mucosa. These changes have no relation with type of gall stone

**Key Words:** Gall bladder Mucosa, Cholelithiasis.
REFERENCES


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