

SUMMARY

- 1- 100 cases were examined in this work.
- 2- Full clinical examination, total & differential leucocytic count, operative findings and pathological examination of the specimens were done.
- 3- The cases were classified into the following:
 - Normal appendix 10%
 - Acute catarrhal appendicitis..... 17%
 - Acute suppurative appendicitis.... 45%
 - Acute gangrenous appendicitis..... 21%
 - Perforated appendicitis..... 5%
 - Appendicular mass..... 2%
- 4- 76% of the cases of acute appendicitis showed rise in the total leucocytic count.
- 5- 78 of the cases of acute appendicitis showed rise in the neutrophil count.
- 6- 93.3% of the cases of acute appendicitis showed rise in either total or differential leucocytic count.
- 7- The incidence of acute appendicitis in bilharzial cases was 4.4%.
- 8- There is direct proportion between the severity of the inflammation and the leucocytic count, which reversed when the appendix perforates, where the leucocytic count drops again.