Pattern and incidence of pediatric surgical emergencies in cario universty children hospital

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Abstract

Pediatric surgical emergencies are common conditions which call for prompt diagnosis and treatment.Diagnostic errors,on the initial assessment,may lead to unnecessary surgical intervention and at most to death of the patient.Meanwhile,protracted clinical illness due to development of complications can be avoided by earlier surgical intervention.For neonatal surgical conditions all patients require surgical intervention.However,the key factor is the timing of operation.The patient should not be rushed to the operating room until hemodynamic status and fluid and electrolyte levels are stable.Preoperative management,therefore,is very important with a main goal to stabilize the newborn so that it can undergo the operation under best conditions.The study was carried out on 710 patients,admitted to the Pediatric Emergency Unit at Cairo University,Children Hospital,during the year 2000.Age ranged between few hours and 12 years with a mean age of 11.7 month.Males constituted the majority of cases (489;68.9),while the number of females was (221;31.1).The aetiology of pediatric surgical emergency was as follows : Intussusception,169 cases (23.8),infantile hypertrophic pyloric stenosis 107 cases (15),anorectal anomalies 66 cases (9.2),obstructed Hirsshsprung's disease 62 cases (8.7),Acute appendicitis 54 cases (7.6),irreduceble hernia 53 cases (7.2),esophageal atresia 44 cases (6.2),abdominal wall defects,41 cases (57) and,intestinal atresia 42 cases (5.9).The total number of operations during the year of the study was 620 (87) of total admission.The mean hospital stay of pediatric surgical emergency cases was 5.7 days.The result of operations during this year was cure of 546 (7) patient,mortality was 23 .

Keywords

Pediatric , General - Surgical , Emergency ,