Epidemiology of intestinal parasites which causing the diarrhea in health center of Jidedat Al-Shat\Diala.

وبانية الطفيليات المعدية السبب للإسهال في المركز الصحي لناحية جيدات الشط في محافظة ديالى.

Summary:

During the period from January /2007 till January /2008, an Epidemiological study was undertaken the type and percentage incidence of investigated with intestinal parasite among patients attending the health center of Jidedat Al-Shat in Diala province. A total of 161 fecal samples (97 for males and 64 for females) were examined for people ranging from less than One year old to 70 years old. The direct smear method by using normal saline solution was used to examined fecal samples. The result of the present investigation revealed the occurrence of Five species of intestinal parasite: Four protozoan (Entamoeba histolytica, Giardia lamblia, E. coli and Trichomonas hominis ) and One intestinal helminthes Entrobius vermicularis , percentages of incidence with these parasites were : 65.15%, 28.795%, 3.03% ,1.515% and 1.515% respectively. The overall percentages of infection with all intestinal parasites were 41%. The result revealed a Hight signification differences in most intestinal parasite investigated with relation to sex of patient, age, stage of parasite (in male and female) and months of the year.