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An Analysis of Hydatid Cyst Surgeries in Patients Referred To Hospitals in Khorram-Abad, Lorestan during 2002-06

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Abstract:

Background: Echinococcosis or hydatid cyst (HC) is considered as one of the major parasitic infections in Iran that causes many health problems and economic losses in communities. The aim of this study was to determine the prevalence of HC in patients referred to surgery wards of three hospitals in Khorram-Abad, the center of Lorestan province in South-West of Iran from 2002 - 2006.

Methods: Totally, 64513 medical records of patients referred to surgery wards of Shohadaye Ashayer, Tohid and Taamine Ejtemaee hospitals in Khorram-Abad Lorestan were studied. These patients had gone under surgical operations for different reasons. Among these medical records, 43.7% belonged to Shohadaye Ashayer, 8.2% to Tohid and 18.1% to Taamine ejte-maee hospitals.

Results: Cysts were found in liver and lung in 61.5% and 20.5% of cases, respectively. In addition, cysts were found in brain, muscle, kidney eye and peritonea in the remaining 18% of cases.

Conclusion: A very low level of knowledge about hydatid disease was found in the community. The mean age of the patients was 40.2 years and the highest rate of infection with HC was observed in women. Further studies are required to find the etiologic factors of H.C in Khorram-Abad Lorestan-Iran.

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