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THE SEASONAL PREVALENCE OF HYDATID CYST IN SLAUGHTER- HOUSE OF THE CITY OF KERMAN

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Abstract:

This study has been conducted in the slaughter- house of the city of Kerman, for one year, starting March 1993. A total number of 16402 livestocks including 5013 sheep, 8163 goats and 3226 cattle were examined in a regular manner, 120 days, with a mean of 30 days per season. After recording the king, sex and origin of each animal, liver and lungs were examined carefully for hydatid cyst. In general, the infection rate was 7.6% with 9.2%, 6.8% and 7.2% in sheep, goats and cattle, respectively. Although the prevalence rate was slightly variable, but there was no significant difference between the infection in spring and fall; summer and winter, and winter and fall. On the contrary, the difference between the infection rate in spring and summer and spring and winter was significant. Hydatidosis in females was much higher than the males and this difference was significant in both sexes of each kind of animals. Also, the mean infection rate in animals from Kerman (7/5%) and Khorasan (7.3%) was rather the same, but if the infection rate only in cattle is being considered, it was much higher in Khorasan (9.8%) than in Kerman (6.5%).

Keywords:

[Echinococcus granulosus](#) . [Farming](#)

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