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VAGINAL INFECTION WITH TRICHOMONAS VAGINALIS IN WOMEN IN ISFAHAN, CENTRAL IRAN

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Abstract:

Although there have been reports of *Trichomonas vaginalis* infection in Isfahan, no study has been made of the parasite prevalence correlating infection rate. In a period of 2 years vaginal swabs of 769 females, of 15 to 47 years of age, coming to the Amin Teaching Medical Center, Isfahan University, for various reasons, were studied for the presence of *Trichomonas vaginalis*. Of the total examined 175 (22.8%) were infected, 130 of which showed clinical symptoms of itching, vaginal discharge and/or vaginitis. Only 5 (4.8%) of 105 unmarried as compared with married were found infected. Out of 42 woman examined during menstruation period 15 (35%) were found infected, whereas out of 126 and 588 persons examined after and before the period, 65 (51.6%) and 91 (15.5) were found to be infected, respectively. Out of 13 pregnant women 4 were infected with the number of offsprings showing no influence on infection rate. However it is concluded that the prevalence of *T.vaginalis*, in unrandom sampled patients, is significant with clinical symptoms in most cases. But because of the large difference between unmarried and married rates, intercourse appears to be the major route of transmission.

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