

عنوان مقاله:

Frequency of Human T-Cell Lymphotropic Virus (HTLV) Type 1 and 2 Infection in HIV Infected Patients

محل انتشار:

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خلاصه مقاله:

Background and Objectives: Human T-cell lymphotropic viruses (HTLV) type 1 and 2 are retroviruses that share the same routes of transmission as human immunodeficiency virus (HIV). As a consequence of epidemiologic similarities, HIV and HTLV-1/2 co-infection is frequent. Due to the limited data, this study assessed the seroprevalence of HTLV-1/2 infections in HIV infected patients in Tehran, Iran. **Materials and Methods:** This case-control study was carried out in 180 HIV infected patients from Iranian HIV/AIDS Research Center in Tehran and 117 matched healthy controls. The serum samples were checked with enzyme-linked immunosorbent assay (ELISA) for anti HTLV-1/2. **Results:** A total of 180 HIV positive patients with mean age 36.9 ± 9.2 years and 117 matched controls were enrolled in the study. All cases and controls were negative for HTLV-1/2 infection. **Conclusion:** HTLV-1/2 infection is negligible in HIV infected patients in Tehran, Iran, although intravenous drug use is the most common route of HIV transmission in our study subjects

کلمات کلیدی:

(HTLV-1, HTLV-2, Human Immunodeficiency Virus (HIV

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