

Abstract

We have tested 699 recipients and found a prevalence rate of 5/699 (0.7%) of transfusion transmitted HTLV-1 infections by anti-HTLV, ELISA screening and confirmation by Western blotted PCR. A total of 1057 recipients were collected before anti-HTLV-1 screening while 160 were collected after HTLV-1 screening. The current plan collected 116 new recipients this year and all were negative for HTLV-1 antibody. We also tested 150 of the remaining 358 recipients. Of them, 1 was positive for anti-HTLV before transfer while one seroconverted to anti-HTLV-1. Therefore, the current screening seemed effective; however, the statistics is borderline (7/849 vs. 0/280, $p=0.2$) and study in more cases are needed.

Keywords : HTLV-1 ; blood donor ; antibody