

Abstract

Infections of HTLV-1 through transfusion have been well documented in many countries, including Taiwan. Screening blood donors for anti-HTLV-1 began in Taiwan from 1996. We collected 1057 recipients before 1996. To evaluate the efficacy of HTLV-1 screening, we collected 377 recipients after HTLV-1 screening. And none of them seroconverted to anti-HTLV-1 by ELISA. We also tested 849 of the 1057 recipients. Of them, 7 seroconverted to anti-HTLV-1. Therefore, the current screening seemed effective; however, the statistics is borderline (7/849 vs. 0/377, $p=0.17$) and study in more cases are needed.

Keywords : transfusion ; HTLV-1 ; screen