临床研究对移植耐受受体的高敏感性受体

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【Abstract】Objective To explore the protocol of tissue matching and anti-rejection therapy in highly sensitized patients (HSP). Methods To investigate retrospectively the panel reactive antibody (PRA), human leukocyte antigen (HLA) matching and renal transplantation results of 85 HSPs. Results 85 cases of kidney transplantation were performed in 85 recipients. Acute rejection (AR) occurred in 17 patients including 9 cases of acute humoral rejection (AHR). AR group and non-AR group (2.9 ± 1.3 vs. 1.9 ± 0.8, P < 0.01) differed significantly in the difference of pre-transplant PRA levels between two groups (6.4% ± 12.4% vs. 60.5% ± 14.5%, P < 0.05). Conclusion To avoid specific antibody through good HLA matching, HLA antigens mismatch ≤2 is the key point for successful renal transplantation of HSP. The incidence of AHR in HSP is very high. Therapy with ATG + PP + IVIG is effective for the treatment of AHR.

【Key words】kidney transplantation, panel reactive antibody, human leukocyte antigen