

UPDATES IN IMMUNOLOGICAL EVALUATION STRATEGY OF CARDIAC RECEPTOR. NATIONAL HLA LABORATORY EXPERIENCE

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Heart transplantation as a therapeutic option remains surgical procedure for patients with heart failure in terminal stage or who suffer from severe coronary artery disease. Special efforts have been made in the direction of immunological and viral evaluation HLA as complex cardiac patient on the waiting list. From published the data, the influence of HLA compatibility between the recipient and the donor in heart transplantation was controversial, and the prospective HLA matching seldom achieved. There are studies that show that a matching of HLA A, B, DR did not have too much effect in patient with heart transplant concerning the general survival. There are other studies that demonstrate that the patient's survival post-transplantation could be correlated with the degree of HLA compatibility. The study conducted in our Institute of Hematology and Transfusion is based on immunological and viral assessment protocol for patients candidate to heart transplantation. The evaluation are done in pre and post transplant, in agreement with the Institute of cardiovascular diseases CC. ILIESCU. HLA typing and infectious disease tests done for candidates are presented in the study. Discuss the role and influence of determining anti-HLA Antibodies, especially of specificities class I and II in the serum of the recipients in the pre and post transplant. It is a study that is started and will continue with immunological evaluation of a larger number of heart transplant candidate patients.