



Rules for exchange of kidneys from deceased donor within the Scandiatransplant cooperation

By existing HLA compatibility at least one kidney per deceased kidney donor must be applied for transplantation of a recipient on the Scandiatransplant waiting list according to the below-mentioned rules in order of priority: (However, this applies only if both kidneys from a deceased donor are applicable for transplantations)

- 1. Patient with STAMP-status that are ABO compatible with donor and where all donor HLA-A, -B, -C -DRB1, -DQB1, -DPB1 antigens are either shared with the recipient or are among those defined as acceptable.*
- 2. Highly immunized (PRA \geq 80%) patients who are HLA-A, -B, -DRB1 compatible with donor.*
- 3. Immunized patients (PRA \geq 10% but below 80%) who are HLA-A, -B, -DRB1 compatible with donor.*
- 4. If organ donor is <50 years of age, at least one kidney is offered to recipient <16 years of age (counted from time of registration), if there is HLA-DRB1 compatibility and in addition not more than 2 HLA-A, B mismatches.*
- 5. Patients who are HLA-A, -B, -DRB1 compatible with donor unless the proposed recipient is > 30 years older than the donor.*

Return obligation:

Kidneys, which are exchanged on basis of above-mentioned criterions must be "paid back", and the return is aimed at being effected within six months, and if possible by a kidney of the same blood group as the one received. The organ offered in this way must be of a quality acceptable to the recipient centre, regarding for instance technical quality, donor age and time of ischemia.

Return obligation does not comprise kidneys which are exchanged for other reasons than the above-mentioned obligatory exchange rules.

PRA:

Panel Reactive Antibodies

HLA compatibility:

HLA compatibility means 0 (zero) HLA mismatches between donor and recipient as regards to broad HLA-A, -B, DRB1 and furthermore HLA-Bw4/Bw6.

ABO blood groups, exchange obligation 2-5:

Kidneys of blood group 0 shall only be offered to patients with blood group 0. Kidneys of blood group B shall only be offered to patients with blood group B.

The above rules are active from January 16, 2019