

Tartu 17.05.2023

## Report from the Tissue Typers Group, 2022-2023

The annual meeting took place face-to-face in Copenhagen, in October 2022.

At the meeting following topics were discussed:

- September 2022 – article was published “Scandi transplant acceptable mismatch program - 10 years with an effective strategy for transplanting highly sensitized patients”
- STAMP:
  - Ranking of the patients was introduced, when more than one priority 1 is found. The recipients must be prioritized in the following order (calculated as AMP score):
    1. Lowest TS, ABO compatible
    2. ABO identical recipients
    3. Same country as donor
    4. Longest waiting time
  - In February 2022 was introduced that the inclusion criteria for STAMP is following: ABO identical  $TS \leq 2$  and ABO compatible  $TS \leq 3$ . But in the NKG meeting it was proposed that there should be only one criteria, compatible  $TS \leq 2$ . The change was made.
  - There was a discussion that all the centers should transfer HLA antibody data to YASWA and now all centers are able to transfer.
  - We have many patients on the kidney waiting list who are not getting a transplant even in the STAMP program. There was a discussion that there should be meetings about these patients with a very low TS score and maybe some solutions can be found.
  - Eurotransplant is willing to evaluate most the difficult STAMP patients with their own algorithm to see what is the probability of getting transplanted in Eurotransplant. They are going to analyze our samples with their methods. All the centers agreed to participate and 18 samples were sent.
- STEP:
  - There was a suggestion that the latest antibody screening of the participating patients must be less than 3 months old.
  - An overview of the latest antibody screening of participating pairs should be available in the QC.
- Highly sensitized thoracic patients:
  - In February 2022 there was an online meeting where different centers shared their experience with highly sensitized thoracic patients, how they are managing the transplants.
  - There was a discussion that there should be similar acceptable mismatch program as STAMP so we could help these patients more efficiently
  - There was a discussion about crossmatches on sent-out sera in donor centers – cover letter with the sera should list antibody testing results; donor center is paying for the crossmatch; transplanting center is responsible for the virtual crossmatch.

On behalf of Tissue Typers Group

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