

## Report from the Tissue Typers Group 2023

The annual meeting took place face to face in Oslo on September 8th 2023.

The minutes from the meeting can be found here:

[https://www.scandiatransplant.org/members/sttg/MinutesTissueTypersMeetingOslo2023\\_09\\_08.pdf](https://www.scandiatransplant.org/members/sttg/MinutesTissueTypersMeetingOslo2023_09_08.pdf)

The following topics were discussed:

### **STAMP**

- For the registration and maintenance of STAMP patients, there has been modifications in YASWA
- STAMP patients with transplantability score < 0.05% accumulates in the STAMP program.

Several possible solutions were discussed at the meeting:

1. In the time period of STAMP (2009-2022) 86 STAMP patients have been transplanted outside the program. Can we use data from this group to adjust the STAMP criteria for patients with low TS? After the meeting each centre has received a list of their own patients in the group in order to look into local data. A followed up will be arranged to see if we can make uniform guidelines. Data was presented to NKG in order to collect clinical data (rejection etc)
2. A small investigation has been performed in collaboration with Eurotransplant (ET). 16 random serum samples from STAMP patients was exchanged with Eurotransplant and analysed according to the ET acceptable mismatch program criteria which demonstrated that ET has stricter acceptance criteria to enter ET AM program. Possible future collaboration, for patients with TS 0% was discussed.
3. Rutine typing of offspring and ABO incompatible transplantations were also discussed in regards to STAMP.

### **STEP**

- Ilse gave a status of the STEP program.  
From April 2019 to April 2023 13 match runs have been effectuated.  
25 cycles/chains have led to 59 transplantations  
59% of the cycles are broken due to immunological reasons. Part of these are due to non-bead data. The labs in Aarhus demonstrated how they use a supplementary antibody kit to resolve this problem.
- Mats Bengtsson from Uppsala suggested to look into the potential benefit of eplet mismatch programs (HLA matchmaker, PIRCHE, HLA EMMA) to predict outcome in STEP. A subgroup in the TT group will work with this.

### **Other issues**

- The group want to start a process to change exchange obligations 2,3 and 5 for kidneys so that the matching is done on HLA split level. Data will be extracted from YASWA and the group will look into data and thereafter present them to NKG.

