Introduction

Headlines
- New format for PDFs
- Change in STAMP inclusion criteria
- STAMP, own antigens as acceptable mismatches
- Add additional acceptable ABO blood group(s) for pending payback
- ABO liver exchange
- HLA antibodies identified within the latest year
- DQ mismatches in kidney recipient search
- QC which brings forward recipients that have been listed as urgent
- New field for hospital admission
- Change in deceased donor Allocation tab
- New reports, payback overview

All previous newsletters can be found on the Scandiatransplant web page
http://www.scandiatransplant.org/news/newsletters

Purpose
By this information letter, we wish to communicate to you about status and progress related to the database, collaboration with groups related to Scandiatransplant and on-going working projects.

We hope that you will read it and share the information with whom it might concern.

Do not hesitate to contact us for further information, ideas, problems and help.

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New format for PDFs
All PDFs within the system have been given a new layout. They still hold the same information as the old PDFs. In the header of the PDF donor/recipient ID, date+time and filter parameters are displayed depending on the report.

We would like to point out that you might need to add page numbers to the PDF yourselves. If on a Windows computer, you do this in the print pop-up window by selecting print settings and choosing header and footer.

Change in STAMP inclusion criteria
At the NKG meeting in November 2022, it was decided to change the inclusion criteria for STAMP from ‘Transplantability score (TS) ABO identical ≤ 2% and ABO compatible ≤ 3%’ to ‘Transplantability score (TS) ABO compatible ≤ 2%’.

February 1st 2023 the new criteria became effective.

STAMP/ LAMP quality controls have been updated accordingly and an updated version of the guidelines can be found on the homepage: http://www.scandiatransplant.org/organ-allocation/Manual_STAMP_9.2.pdf
Recipients own antigens as acceptable in STAMP and LAMP

At the tissue typing meeting in September 2022, it was decided that recipients own antigens now have to manually be chosen as acceptable. With the update today own antigens are now present on the acceptable mismatch.

All recipients with a LAMP and/or STAMP record, both historical, under preparation and on the waiting list, have had own antigens inserted as acceptable mismatches with a dedicated script.

A new quality control has been introduced, which checks if own antigens have been listed as acceptable mismatches.

The list of DBP1 acceptable mismatch is in line with what is found on the Luminex beads.

To extend the possibility to add additional acceptance of DPB1 antigens, it will be possible to extend DPB1 acceptance with the following two options:

O: Accepts own HLA-DPB1 antigens (by selecting this also own antigens that are not present on the beads will be acceptable, an example could be that the recipient is DPB1*02:02 and you wish to accept donors with this antigen)

A: Accepts all HLA-DPB1 antigens (by selecting this all donor HLA-DPB1 antigens are regarded as acceptable)
Add additional acceptable ABO blood group(s) for pending payback

Through the ‘Payback status’ menu it is now possible for the center that have a pending payback to add additional acceptable blood groups.

The registration is reflected in the overview as ‘AB0, acceptable’ both through ‘Payback status’ and on the deceased donors in the payback overview.

It is optional to offer payback for these additional blood groups.

AB0 liver exchange

Announcement
At the NLTG meeting in October 2022, it was requested to have an option for a center to announce that they would like to receive livers in a specified blood group and payback with a liver in another specified blood group. This has now been implemented in YASWA with a new menu under Donor called “AB0 liver exchange”. Here each liver center can register, which blood group(s) they would like to offer (see “Receive offer”) and which blood group(s) they would like to payback with (see “Payback with”).

You add new announcements to the list by clicking ‘Add new’. All active wishes from all centers is displayed on the list.
Check the status for AB0 blood group distribution on the liver waiting list

It is possible to see the current status of AB0 blood group distribution on the liver waiting list for each center by clicking on “Status” in the top right corner.

**ABO blood group distribution on the liver waiting list**

Status 02 February, 2023, 10:41 UTC

Recipients active on the waiting list for each center

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>A</th>
<th>AB</th>
<th>B</th>
<th>Sum</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP</td>
<td>20</td>
<td>6</td>
<td>1</td>
<td>1</td>
<td>28</td>
</tr>
<tr>
<td>GO</td>
<td>20</td>
<td>6</td>
<td>0</td>
<td>11</td>
<td>37</td>
</tr>
<tr>
<td>HE</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>OS</td>
<td>28</td>
<td>9</td>
<td>0</td>
<td>4</td>
<td>41</td>
</tr>
<tr>
<td>ST</td>
<td>11</td>
<td>5</td>
<td>0</td>
<td>7</td>
<td>23</td>
</tr>
<tr>
<td>TA</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Sum</td>
<td>85</td>
<td>27</td>
<td>2</td>
<td>30</td>
<td>144</td>
</tr>
</tbody>
</table>

Recipients active on the waiting list for each center in percentage

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>A</th>
<th>AB</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP</td>
<td>71.4%</td>
<td>21.4%</td>
<td>3.6%</td>
<td>3.6%</td>
</tr>
</tbody>
</table>

Agreement of ABO liver exchange

When two centers have agreed to make a ABO liver exchange a new liver export cause must be selected ‘12: ABO organ exchange’ along with what blood group the payback must be done with. This is registration is done by the initial export/donor center under liver procurement:

Registration of the ABO liver exchange

This ABO selection will overrule the initial donor ABO and be shown as ABO, obligatory. Thus it is obligatory to offer payback in this specific blood group.
HLA antibodies identified within the latest year

On recipients within the tab ‘Antibody screen test’ an additional display has been introduced that includes antibodies specificities defined within the last year. Transplantability scores based on this new summary have also been added.

Based on antibodies defined within the latest year an additional ‘DSA, year’ column has been added in the kidney recipient search overview.

DQ mismatches in kidney recipient search

Display of board level HLA-DQ mismatches have been included in the kidney recipient search overview and also as a filter option.

### Table: Antibody Screen Test

<table>
<thead>
<tr>
<th>Specificity</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLA A1</td>
<td>High</td>
</tr>
<tr>
<td>HLA B8</td>
<td>Medium</td>
</tr>
<tr>
<td>HLA C1</td>
<td>Low</td>
</tr>
</tbody>
</table>

### Table: Transplantability Scores

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.85</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
</tr>
<tr>
<td>3</td>
<td>0.60</td>
</tr>
<tr>
<td>4</td>
<td>0.55</td>
</tr>
</tbody>
</table>

### Table: DQ Mismatches

<table>
<thead>
<tr>
<th>Type</th>
<th>Presence</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Present</td>
</tr>
<tr>
<td>B8</td>
<td>Absent</td>
</tr>
<tr>
<td>C1</td>
<td>Present</td>
</tr>
<tr>
<td>DQ</td>
<td>Absent</td>
</tr>
</tbody>
</table>
QC which brings forward recipients that have been listed as urgent

Through the menu below it is now possible to bring forward heart, liver and lung recipients from your own center that have been listed on the urgent list for a specified time period.

You can defined treatment type and specify the period you wish to look at.

New field for hospital admission

A new field called ‘Hospital admission’ has been added to the Basic tab under deceased donor registration.
Change in deceased donor Allocation tab

Organ allocation
In deceased donor under ‘Allocation’ the list of organ names has been slightly altered. Right Kidney and Left Kidney have been renamed to Kidney 1 and Kidney 2, while Left Lung and Right Lung have been renamed to Lung 1 and Lung 2.

Exchange options
Please know that the list of exchange options is not made until you enter the ‘Allocation’ tab, this means that when you enter the tab you might experience a small delay before the list is displayed. When have done this to improve the general performance in the deceased donor part.

New reports, payback overview
Under ‘Reports’ -> ‘More...’ two new reports have been introduced: ‘Payback balance and details, kidney’ and ‘Payback balance and details, liver’. The reports brings forward an over all balance and details about pending paybacks in relation to own center.

Kidney
08 February, 2023, 09:49 UTC - Aarhus

Current payback balance

Details on pending paybacks, owe(s)