



## News from Scandiatransplant office

May 2019

### Introduction

#### Headlines

- Regularly change of password
- HLA type registration confirmation
- Cornea recipient pilot project
- Conversion of old recipient report
- Sharing of files on deceased donors
- New STAMP Quality Control based on transplantability Score
- Local program for HLA matching of heart patients
- Next STEP run

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*Database update*  
*May 22<sup>nd</sup> 2019*

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All previous newsletters can be found on the Scandiatransplant web page

<http://www.scandiatransplant.org/news/newsletters>

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### 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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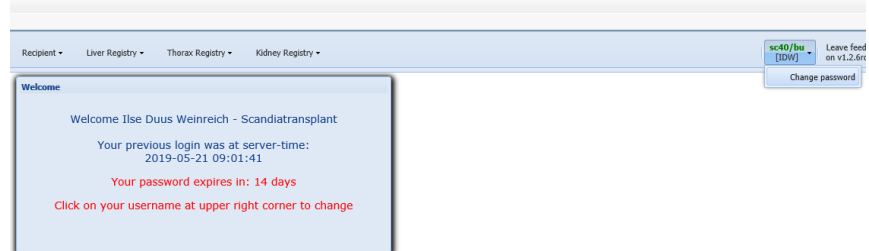
## Change of password

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### Regularly change of password

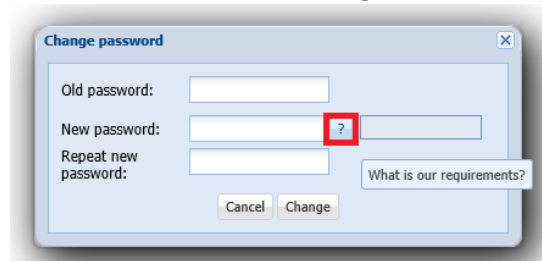
From now on you will be asked to change password in YASWA annually.

14 days before your password expires you will get a reminder once you have logged in.



If you don't change your password within the 14 days, you will be forced to change password before you can enter the system.

Password requirements can be view by clicking on the question mark to the right of the data entry field:



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## HLA type entry confirmation

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### HLA type registration confirmation

In September 2018 a new HLA type registration confirmation button was introduced on recipients. This facility has now been expanded to also cover HLA registration on living donors, deceased donors and in the transplantation part.

Each time an update is made to the HLA type a line is inserted in the bottom of the HLA registration tab with date of update and user id.

When the HLA type registration has been checked by another person, this person can click on the confirm button, which will insert date and user id.

HLA control log			
Last update	Date of update	Controller	Date of control
1 IDW	21-May-2019		

## Cornea recipient pilot project

The Scandiatransplant board has decided to accept a pilot project on HLA matching of cornea recipients. It is introduced as a pilot project in Denmark, but the functionalities are available to all and hopefully it will later be usable in more countries.

### Pilot project on HLA matching cornea recipients

In relation with this project several new items have been introduced in YASWA

- entry of a patient on a cornea waiting list
- cornea procurement on deceased donors
- and new menu with the possibility to search for a suitable cornea recipient

Matching algorithm for 'Cornea: Search for suitable recipient' is based on

- HLA-A, B and DR match on split level
- regardless of ABO blood group

## Conversion of old recipient report

The old version of the recipient report has lately given us some problems, as it was written in very old code of 2000 lines, which were very difficult to debug.

**Old report  
with new layout**

The report has now been converted to a pdf report, thus it looks different from what you have been used to.

We have tried our best to include necessary information, but if you find that something important is missing, then please let us know.

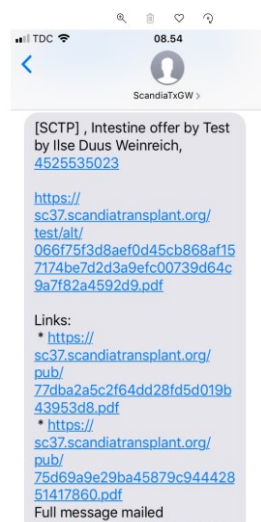
## Sharing of files on deceased donors

October 31st, 2018, the facility to upload and share files related to deceased donors securely through YASWA was introduced.

With the update today links to these uploaded documents will be included when sending organ offers on SMS and E-mail.

The links will be broken after 24-hours, then there is no longer access to the confidential data, only by login through YASWA.

**Links included to  
shared files on  
deceased donors**



## New STAMP Quality Control based on transplantability Score

In autumn 2017 the inclusion criterion for STAMP was changed from PRA  $\geq 80\%$  to a transplantability score (TS) of  $\leq 2\%$ .

To help selecting relevant STAMP candidates a new STAMP QC is now introduced.

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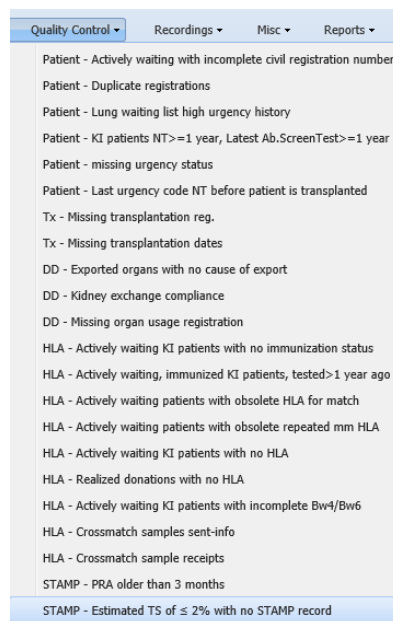
### Help to find relevant candidates for STAMP

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Based on the antigens not represented as identified antibodies (last sample with antibody specificities) a TS is calculated.

The QC brings forward patients active on the kidney waiting list with a TS  $\leq 2\%$ , that do not already have a STAMP entry.

To use this facility antibody specificities must be present in YASWA either by manually data entry or by import from Fusion.



## Local program for HLA matching of immunized heart patients

Some centers face great challenges when it comes to finding and selecting a suitable graft for HLA immunized heart patients.

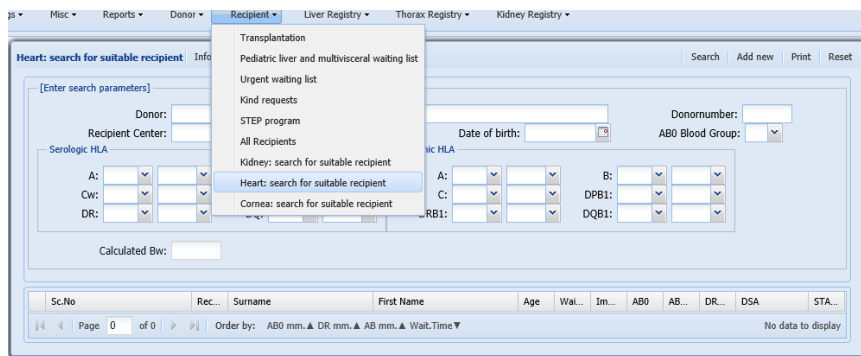
To assist in this process the facilities known from the kidney local acceptable mismatch program (LAMP), has been added as an option for these patients.

To use the facility the local tissue typing lab. must define acceptable mismatches in YASWA on the relevant heart patients. Furthermore, when you might have a relevant heart donor a dedicated search must be done through the menu 'Heart: search for suitable recipient'.

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**New facility to find  
HLA matching  
heart recipients**

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The image shows a screenshot of the YASWA software interface. At the top, there are navigation tabs for 'Misc', 'Reports', 'Donor', 'Recipient', 'Liver Registry', 'Thorax Registry', and 'Kidney Registry'. The 'Recipient' tab is active, and a dropdown menu is open, showing options: 'Transplantation', 'Pediatric liver and multivisceral waiting list', 'Urgent waiting list', 'Kind requests', 'STEP program', 'All Recipients', 'Kidney: search for suitable recipient', 'Heart: search for suitable recipient' (highlighted), and 'Cornea: search for suitable recipient'. The main window has a title bar 'Heart: search for suitable recipient' and contains search parameters for Donor, Recipient Center, Serologic HLA (A, CW, DR), Date of birth, Donor number, AB0 Blood Group, and HLA (A, B, C, DPB1, DRB1, DQB1). A 'Calculated Bw' field is also present. At the bottom, there is a table with columns: Sc.No, Rec..., Surname, First Name, Age, Wat..., Im..., AB0, AB..., DR..., DSA, STA... The table is currently empty, showing 'Page 0 of 0' and 'No data to display'.

The matching algorithm used is the same as for kidney LAMP.

## Next STEP run

The first STEP match run was completed with success April 9<sup>th</sup> 2019, the next STEP match run is planned to be executed June 6<sup>th</sup> 2019.

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**Preparations for next  
STEP match run**

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Before this date please make sure that

- the pairs you wish to include have the necessary information and/or are properly updated in YASWA
- that the office is informed about already known incompatible pairs (based on evaluation from the 1st run done in April).