



News from Scandiatransplant office

March 2020

Introduction

Headlines

*Database update
March 5th 2020*

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 - Moving STEP information to waiting list
 - Change in registration of possible ABO match
 - Next STEP match run
- HLA DRB3/4/5, DQA1 and DPA1 matching in STAMP and LAMP
- LAMP quality control
- Deceased donor medication pre admittance
- Change in ABO search ped. Liver waiting list

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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STEP

Moving STEP information to waiting list

STEP information on recipients relocated

Previously all STEP related information on the recipient was shown on the first tab on the recipient. This was not a suitable solution in the long run, as the patient might need to enter STEP again later for a new transplantation and we need to keep the historically information due to traceability etc.

Therefore the STEP information has been moved from the recipient to a new STEP tab on the waiting list record.

The screenshot shows the 'Recipient information' form. The 'Waiting List' section is highlighted with a red box. A red arrow points to the 'Add new' button in the 'Waiting List' table.

Waiting List	Date of entry	Termination
KI: Kidney	16-Aug-2019	

The screenshot shows the 'Waiting list information' form. The 'STEP' tab is selected. The 'Non-accepted ABO' field is highlighted with a red box.

STEP Donor	DSA	non-DSA	non-bead
95980	B*0801	A*0101 A*0201 B*5701 C*0602 DPA1*0103,DPB1*0201 DPA1*0103,DPB1*0401 DQA1*0201,D... C*0701 DQA1*0501,DQB1*0303	

Change in registration of possible ABO match

Previously it was possibility to tick off 'ABO compatible only', however in some situations due to high titers it is favorable to specify exactly what ABO types that are not acceptable. Therefore the old tick box has been replaced with this new functionality to select ABO types from a list of values:

STEP specify non acceptable ABO

The screenshot shows the 'STEP' tab in the 'Waiting list information' form. The 'Non-accepted ABO' dropdown menu is open, showing a list of ABO types: 0, A, A1, A1B.

STEP Donor	DSA	non-DSA	non-bead
95980	B*0801	A*0101 A*0201 B*5701 C*0602 DPA1*0103,DPB1*0201 DPA1*0103,DPB1*0401 DQA1*0201,D... C*0701 DQA1*0501,DQB1*0303	

Next STEP match run

The next STEP match run will take place April 21st 2020

Deadlines for the upcoming STEP match run:

- Deadline for data entry in YASWA (new pairs and updates): April 16th 2020, 10:00 CET
- Scandiatransplant office will do a quality check on data and send list with pairs to be confirmed by each center: April 16th 2020.
- Confirmation of pairs must be done to Scandiatransplant office no later than April 20th 2020, 12:00 CET
- STEP match run: April 21st 2020

STEP match run timeline

HLA DRB3/4/5, DQA1 and DPA1 matching in STAMP and LAMP

In the autumn of 2019, it was proposed by the tissue typers group and approved by the Nordic Kidney Group to include matching on low resolution HLA DRB3/4/5, DQA1 and DPA1 in the STAMP and LAMP programs.

If everything goes as planned the updated search algorithm will be launched April 1st 2020.

New algorithm April 1st 2020

LAMP quality control

Last update a separate LAMP tab was introduced to make it possible for patients to be on STAMP and LAMP at the same time with different accept criteria.

To support the data entry of LAMP HLA information a 'LAMP QC' tab has been implemented with the update today.

The new QC follows the same criteria as for STAMP, but of course criteria for acceptance on LAMP is still decided locally.

Deceased donor medication pre admittance

It has been a wish to have dedicate fields for registration of medication before the potential donor was admitted.

The screenshot shows a web-based form titled 'Deceased donor registration'. At the top, there are fields for 'Donor number', 'Sex' (set to F: Female), 'Hospitalized in' (SF: Finland), 'Citizenship of' (SF: Finland), 'Birth-date', 'Person Number', and 'Age in years at donation'. Below these are fields for 'Donor name' and 'Temporary ID'. The form has several tabs: 'Basic', 'Infection', 'Laboratory tests', 'Medical info', 'Blood gas & vent', 'Medication', 'HLA', 'Organ proc.', 'Organ offer', 'Organ QC', and 'Files'. The 'Medication' tab is active, showing sections for 'Pre admittance' and 'During ICU stay'. Under 'Pre admittance', there are dropdown menus for 'Antiepileptics', 'Immunosuppressants', 'Antihypertensive', 'Antidiuretics', 'Antidepressants', 'Anticoagulants', and 'Antibiotics', each followed by a text input field. Under 'During ICU stay', there are dropdowns for 'Vasopressors' and 'Inotropes', also followed by text input fields. At the bottom, there is a dropdown for 'Chemotherapy' with 'Yes' and 'No' options.

Change in ABO search ped. liver waiting list

On 'Pediatric liver and multivisceral waiting list' you are now able to make two different searches on ABO – identical and acceptable ABO:

**Ped. Liver waiting list
Identical and
acceptable ABO**

The screenshot shows a search results table for the 'Pediatric liver and multivisceral waiting list'. At the top, there are search parameters: 'ABO identical' and 'ABO acceptable', both with dropdown menus. The table has columns: 'Scand...', 'Cance...', 'Prima...', 'Wait...', 'Perso...', 'Urgency', 'Name', 'ABO', 'Entry...', 'Last change of u...', 'Tx:ce...', 'Height', 'Weight', 'Treat...', and 'Age'. The table contains 12 rows of data, each representing a patient. The 'ABO' column shows various blood types like 'O', 'A', 'B', and 'AB'. The 'Entry' column shows dates and times. The 'Last change of u...' column shows dates and times. The 'Tx:ce...' column shows 'GO: G...', 'CP: K...', and 'OS: O...'. The 'Height' and 'Weight' columns show numerical values. The 'Treat...' column shows 'OT: O...', 'LT: L...', and 'LK: L...'. The 'Age' column shows numerical values. At the bottom, there is a pagination bar showing 'Page 1 of 1' and 'Order by: Cancer diagnosed, Urgency, Wait.days'. The text 'Displaying 1 - 12 of 12' is also visible.

Search on 'Identical' will only give you ABO identical patients, however search on acceptable ABO will give you the recipients that accepts the selected ABO type.

Registration of acceptable ABO types on the recipient (if not only identical is accepted) must be given on the waiting list record

All recipients -> Specific patient, active 'Waiting list' record

Specific data	Infection serology	Urgency History	Termination
Primary diagnosis: <input type="text"/>			
Old diagnosis: <input type="text"/>			
<div style="border: 1px solid gray; padding: 5px;">Diagnosis <input type="checkbox"/></div>			
Urgent calls / Kind requests information			
Mechanical support: <input type="text"/>		<input type="text"/>	Time: <input type="text"/>
Donor requirements			
<u>ABO Blood group:</u> <input type="text"/>		Select all...	
Preferred weight: <input type="text"/>		0	
Remarks: <input type="text"/>		A	
		A1	
		A1B	
		A2	
		A2B	
		AB	
		B	
Liver Waitinglist			
Waiting For Liver Num: <input type="text"/>			
Special requirements: <input type="text"/>			