



News from Scandiatransplant office

January 2020

*Database update
Jan. 22nd 2020*

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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 possibility to have patients on both STAMP and LAMP

On STAMP and LAMP at the same time

Several centers using the LAMP program have wished for the possibility to have patients listed on LAMP and STAMP at the same time with different criteria.

To allow this two separate tabs are now available – one for registration of LAMP information and another for STAMP information.

The screenshot shows a web application interface for patient registration. The top section is titled 'Waiting list information' and contains a 'Generic data' form with fields for Scandia Number, Waiting list type (KI: Kidney), Urgency (NT: Temporarily not), Future Withdrawn from/to, Date of first/last urgency, Transplant center (OS: Oslo), Immunization (I: Immunized), STAMP Sign Up (N: No), Surname, Date of entry (06-Sep-2018), Future Withdrawn to, Date of last urgency (18-Jun-2019), Treatment/dialysis center, Date of last change of Immunization (30-Sep-2019), and STAMP Status (A: Active). Below this is a 'Specific data' section with tabs for 'Infection serology', 'LAMP', 'STAMP', 'STAMP log', 'STAMP Aux', 'STAMP QC', 'Urgency History', and 'Termination'. The 'LAMP' and 'STAMP' tabs are highlighted in red. The 'Active on LAMP' dropdown is set to 'Y: Yes'. Below this is a list of HLA mismatches for HLA-A, HLA-B, HLA-Cw, HLA-DR, HLA-DQ, HLA-DP, HLA-DRB3/4/5, and HLA-DQA.

You have the possibility to copy existing LAMP or STAMP information to the other tab, if the tab does not already hold any information.

The screenshot shows a close-up of the 'STAMP Sign Up' form. The 'STAMP Sign Up' dropdown is set to 'Y: Yes'. A dialog box titled 'Meddelelse fra webside' is overlaid on the form, asking 'Clone acceptable mismatches from STAMP?' with 'OK' and 'Annuller' buttons.

The kidney recipient search algorithm uses the information registered in the STAMP tab for exchange obligation no. 1. If the recipient does not fall out as a match for priority 1-5, information from the LAMP tab is used for match.

New facility to handle evaluation and approval of STAMP candidates

The evaluation of STAMP candidates mainly take place by e-mail correspondence, which results in a lot of work with keeping track of the status and information.

The information is only available for the STAMP committee, not to the centers sending patients for evaluation and furthermore documentation of the process is only kept in e-mails.

To improve this process a new data entry grid has been added in the 'STAMP log' tab (Recipient -> All recipients -> enter the active waiting list record on the specific patient)

The screenshot shows the 'STAMP log' tab in a web application. It features a 'Generic data' section with various input fields for patient information such as Scandia Number, Surname, Waiting list type (Kidney), Urgency (not transplantable), and dates of urgency. Below this is a 'STAMP event history' table with columns for STAMP Status, STAMP SignUp, Date of change, User, and Cause of withdr. The table contains two rows: one for 'A: Active' and one for 'I: Inactive', both dated 21-Jan-2020 and associated with user 'IDW_TEST'. A 'STAMP evaluation status' table is also visible, with columns for Approved, Date of change, User, and Comments. It shows three entries: 'Approved' (21-Jan-2020, IDW), 'Y: Yes' (21-Jan-2020, IDW), and 'NA: NA' (21-Jan-2020, IDW_TEST) with a comment 'This is test as an A-user non STAMP'. A red box highlights the 'STAMP log' tab and the evaluation status table.

STAMP approval process documented in YASWA

The STAMP committee and the persons putting patients forward for STAMP evaluation must use this new facility to approve and comment on STAMP candidates.

To add information to the table, click below the 'Comments' column header. This will make a new window appear, which is where information can be entered/viewed.

The screenshot shows the 'STAMP Voting' interface. It includes fields for Scandia Number (106365) and Surname (Surname: H.). There are dropdown menus for 'Approved: N: No' and 'Changed:'. A 'Comments' section contains a text area with the placeholder text 'Here is room for free text to write questions etc.'. A purple box highlights the text area.

Each time information is added in the new table an e-mail with updated information will be sent to the STAMP committee and persons working on the patient record.

New QC (Quality Control -> STAMP) 'Candidates for evaluation' brings forward a list of patients waiting for STAMP evaluation.

New QC to view patients waiting for STAMP evaluation

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.

Extended matching in STAMP and LAMP

With the update today the possibility to register acceptable mismatches for these alleles have been introduced:

Acceptable mismatches for these new alleles must be given for all STAMP and LAMP patients.

All tissue typing labs. should now start to update the patients already included on STAMP and LAMP, all patients must be updated.

DRB3/4/5, DQA1 and DPA1 will not be included in the search algorithm before these updates have been finalized, even though you are able to add/see the HLA types in the search screen:

Current patients on STAMP and LAMP must be updated

The Scandiatransplant office will get in touch with the tissue typing labs to set the date for launching the updated search algorithm.

Change in blood gas and vent. registration on deceased donors

Data entry has been changed in the 'Blood gas & vent.' tab, so that it is possible to register several results (date + time) and follow the development during hospitalization. When you wish to add a new result, click on 'Add new'

Possibility to add several blood gas & vent. results

Date of measurement	FIO ₂	pH	pCO ₂	pO ₂	BE	Sat	PEEP	CVP
15-Jan-2020 00:00	100		5.6	51.1				
14-Jan-2020 00:00	30		5	12		7		6

'ACT' new lab. test on deceased donors

'ACT (activated clotting time)' has been added as a new lab test on deceased donors.

Date of lab.test: 16-Jan-2020 Time: 00:00

Hemoglobin: 6.1 mmol/L 98 g/L	Leucocytes: 4.60 10 ⁹ /L
Trombocytes: 104 10 ⁹ /L	Na (Sodium): mmol/L
K (Potassium): mmol/L	Glucose: mmol/L
Lactate: 1.7 mmol/L	Creatinine: 77 μmol/L
LDH: 234 U/L 3.90 μkat/L	CK-MB: μg/l
ASAT: 66 U/L 1.10 μkat/L	ALAT: 59 U/L 0.98 μkat/L
Gamma GT: 39 U/L 0.65 μkat/L	Bilirubin: 24.00 μmol/L
Alkaline phosphatase: 36 U/L 0.60 μkat/L	Amylase: U/L μkat/L
Albumin: 33.0 g/l	C-peptide: nmol/l
PK-INR: 1.2	APTT: seconds
CRP: 198.0 mg/L	HbA1C: mmol/mol %
Troponin T: ng/L	ACT (activated clotting time): sec
Other:	

Deceased donor, registration of permission for research

A wish has been put forward to have a possibility of general registration whether permission for research has been given or not. The possibility to register this has now been added in the organ procurement tab.

Basic Infection Laboratory tests Medical info Blood gas & vent Medication HLA **Organ proc.** Organ offer Organ QC Files

Operative incision made, but no organs procured:

Permission for research:

Procure an organ ...	N: No
	U: Unknown
	YA: Yes, all organs
	YL: Yes, limited

Indication for STEP and repeated info about next match run

When entering data on patient relevant for STEP it is now possible to give one or more indications of why the patient is joining the program.

STEP information

ABO compatible only: Max anti-A titre: Max anti-B titre:

Indication for STEP:

STEP Donor	DSA	AB0i: ABO incompatible
96453	A*31	DSA: Donor specific antibodies
		sABO: Suboptimal ABO match
		sAge: Suboptimal age match
		sHLA: Suboptimal HLA match

As previously announced the next STEP match run will take place January 28th 2020.

Deadlines for the upcoming STEP match run:

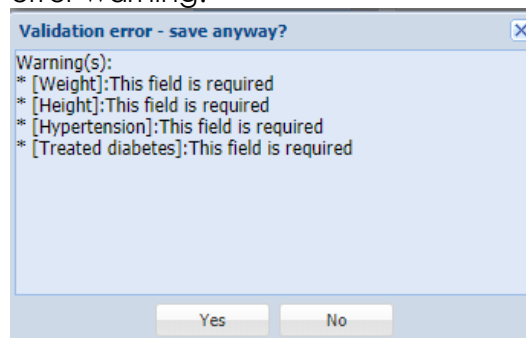
- Deadline for data entry in YASWA (new pairs and updates): January 23rd 2020, 10:00 CET
- Scandiatransplant office will do a quality check on data and send list with pairs to be confirmed by each center: January 23rd 2020,
- Confirmation of pairs must be done to Scandiatransplant office no later than January 27th 2020, 12:00 CET
- STEP match run: January 28th 2020

Validation warning on deceased donor parameters

Some of the organ groups are very interested in getting data to calculate donor risk index scores.

On a realized deceased donor missing weight, height, hypertension and diabetes will now lead to a validation error warning.

**Application deadline
February 1st 2020**



As this is only a warning you are able to save data, even though the information is missing. This is not the case on the obligatory parameters.

Application deadline travel and research grants 2020

1st Feb. is the final date for sending an application for a Scandiatransplant travel or research grant 2020.

Invitation, travel Grant 2020:

http://www.scandiatransplant.org/resources/grants/Invitationtosendanapplicationfortravelgrant2020_Amount150.000.pdf

Invitation, research Grant 2020:

<http://www.scandiatransplant.org/resources/grants/Invitationtoapplyforaresearchgrant2020.pdf>