



## News from Scandiatransplant office

March 2026

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Update

4<sup>th</sup> of March 2026

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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 and problems at [help@scandiatransplant.org](mailto:help@scandiatransplant.org)

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## Changes to the kidney exchange obligation rules

As decided by NKG the following changes in the kidney exchange rules will be active from 4<sup>th</sup> of March 2026:

### Revision of kidney exchange rules

- Prio. 4: 'recipient <16 years' changed to 'recipient <18 years'
- Prio. 4: 'if there is HLA-DRB1 compatibility and in addition not more than 2 HLA-A, B mismatches' changed to 'in accordance with the specific registration of nonacceptable HLA antigens and/or mismatches.'
- Prio. 2-5: When more than one recipient shares the same priority level, allocation is determined by a predefined weight score.

The new updated version of the exchange rules are found [here](#).

### New options for prio. 4

For priority 4 there will no longer be a default HLA mismatch setting. For each child on the kidney waiting list, specifications must now be defined in the new PANDA tab (PANDA = Pediatric Non-acceptable Donor Antigens) on the active waiting list.

In the PANDA tab, you can define:

- Non-acceptable donor antigens, and/or
- The number of allowed HLA-A, HLA-B, and HLA-DR mismatches

### Change in kidney prio. 4

If no settings are defined, all HLA combinations will be considered acceptable by default.

The screenshot displays the 'PANDA' (Pediatric Non-acceptable Donor Antigens) tab within a software interface. The interface is divided into several sections:

- Generic data:** Includes fields for Scandianumber, Surname, Date of first registration (14-Aug-2025), Urgency (T: Transplantable), Future Withdrawn from, Date of first urgency (29-Aug-2025), Transplant center (GO: Goteborg), Immunization (NI: Non immunized), ABO (0), STAMP Sign Up, and STAMP Status.
- Specific data:** A list of HLA antigens with checkboxes for selection: HLA-A, HLA-B, HLA-Cvr, HLA-DR, HLA-DQ, HLA-DP, HLA-DRB3/4/5, HLA-DQA, HLA-DPA, and Comments.
- Number of allowed HLA mismatches:** Two dropdown menus are visible at the bottom, labeled 'HLA-A,B mismatches' and 'HLA-DR mismatches', both highlighted with red boxes.

## Obligatory offering in updated sorted order for priorities 2–5

All exchange obligation priorities (1–5) must be offered according to the default sorted list in YASWA, including cases where recipients share the same priority level.

The weight score calculation has been extended, meaning that all priorities are now sorted according to the updated rules.

In practice, you simply need to follow the order of the generated list.

### Sorting of prio. 2-5

Donor: Donorno.: \_\_\_\_\_ Date of birth: \_\_\_\_\_ Donor number: \_\_\_\_\_  
Recipient Center: \_\_\_\_\_ Genomic HLA AB0 Blood Group: A

Serologic HLA: A: \_\_\_\_\_ B: 62 \_\_\_\_\_ C: \_\_\_\_\_  
CW: 9 \_\_\_\_\_ Bw4/Bw6: \_\_\_\_\_ DR: \_\_\_\_\_ DQ: 8 \_\_\_\_\_

Genomic HLA: A: 02 \_\_\_\_\_ B: 15 \_\_\_\_\_ C: 03 \_\_\_\_\_  
DRB1: 04 \_\_\_\_\_ DQB1: 03 \_\_\_\_\_ DPB1: 0401 \_\_\_\_\_  
DRB3/4/5: 4\*01 \_\_\_\_\_ DQA1: 03 \_\_\_\_\_ DPA1: 01 \_\_\_\_\_

Calculated Bw: Click to calc  
HLA-search: A\*2;B\*62;C\*10,9;DRB1\*4;DPB1\*0401;DRB345\*4\*01;DQA1\*03;DPA1\*01;DQB1\*8

No extra filters added ...

Pri...	AMP-Sc.	Sc.No	Rec.	Age	Ag...	Wai...	Tx...	Im...	ABO	AM...	AB...	DR...	DQ...	DSA, t...	DSA, 1...	Xm...	Prev...	CMV	HCV	HB...
1	5650.10	CP	60	17	9	2	HE	A	S	0	0	0	0	00:	00:			ND	-	+
1	4475.00	GO	48	5	0	2	HE	A	S	1	0	0	0	00:	00:			+	-	-
2	19.97	CP	56	13	19	1	HE	A	0	0	0	0	0	00:	00:			ND	-	-
2	17.97	CP	52	9	17	3	HE	A	S	0	0	0	0	01: DR4	01: DR4			+	-	-
2	6.23	OS	53	10	6	2	HE	AB	L	0	0	0	0	01: DR4	01: DR4			+	-	-
3	5003.27	GO	70	27	3	1	I	AB	0	0	0	0	0	00:	00:			+	-	-
3	1007.63	ML	44	1	7	1	I	A	0	0	0	0	0	00:	00:			+	-	-
3	4.43	HE	34	-9	4	3	I	A	0	0	0	0	0	00:	00:			ND	ND	ND
3	1.13	HE	38	-5	1	1	I	A	0	0	0	0	0	00:	00:			ND	ND	ND
3	1.07	OS	49	6	1	1	I	A	0	0	0	0	0	00:	00:			+	-	-
4	5096.77	GO	8	-35	6	1	I	AB	1	1	0	0	0	00:	00:			+	-	ND
4	1045.17	ST	16	-27	44	2	HE	AB	L	2	0	0	0	06: A2...	02: A2...	PxM	A2	+	-	-
4	1000.73	ML	2	-41	0	1	NE	A	1	0	0	0	0	00:	00:			+	-	-
5	1007.67	ML	53	10	7	1	NE	A	0	0	0	0	0	00:	00:			+	-	-
5	1005.80	ST	33	-10	5	1	NE	AB	0	0	0	0	0	00:	00:			+	-	-
5	1003.67	UP	56	13	3	1	NE	A	0	0	0	0	0	00:	00:			+	-	-
5	1002.37	ML	47	4	2	2	LI	A	0	0	0	0	0	00:	00:			+	-	-
5	36.83	ML	30	-13	36	1	NE	A	0	0	0	0	0	00:	00:			+	-	-
5	29.13	TA	38	-5	28	1	NE	A	0	0	0	0	0	00:	00:			+	-	-

## Limitations on fields in the Thorax Registry

To ensure alignment with ISHLT requirements, all numeric fields that are exported to ISHLT have been updated with the specified minimum and maximum value limits in accordance with the ISHLT export specifications.

These limits have been applied to creatinine, bilirubin, and hemodynamic parameters in both the pre-transplant and follow-up forms for heart and lung.

Any existing data falling outside these limits have been removed, as agreed at the most recent SHLG meeting.

Example:

ND:

Creatinine: 900  !  $\mu\text{mol/l}$

Bilirubin: 11.0   $\mu\text{mol/l}$

GFR: 97.0   $\text{ml/min } 1,73\text{m}^2$

oxygen req at rest: N: No

Validation error

Error(s):

- \* [Creatinine = 900]:Maximum value for this field is 884.017

Warning(s):

- \* [Without oxyg]:Field is recommended
- \* [FVC]:Field is recommended
- \* [FEV1]:Field is recommended

OK

**Thorax - New field**

## New field in the Thorax Registry: “Lowest oxygen saturation”

A new field “Lowest oxygen saturation” is now available in the Lung pre-tx and follow up within the Thorax Registry.

In the pre-tx form, the field is placed under the tab “Walk test + pulmonary func.”.

In the follow up form, the field is placed under the tab “Graft function”.

The screenshot shows a form with tabs: Basic info, Clinical status, Medical history, Hemodynamic, and Walk test + pulmonary func. The 'Walk test' section includes fields for 'With oxyg:' (390 m) and 'Without oxyg:' (redacted m). The 'Lowest oxygen saturation' field is highlighted with a red box. The 'Pulmonary function' section includes fields for FVC, FEV1, DLCO, pO2 (without oxyg:), and TLC.

## Second reperfusion time for double lungs

For double lung recipients, it is now possible to enter a second reperfusion time under the transplantation record. Data from this field is then used to calculate a second ischemia time for double lung transplantations.

The screenshot shows a form with tabs: Transplantation, Ischemia time, Organ HLA, HLA match grade & DSA, and Post tx infection. The 'Organ' is set to 'Double Lung'. The '2nd bcdate' field is highlighted with a red box. Other fields include 'Out of ice box', 'End of machine perf.', and 'Department'.

## New field in Transplantation: “Type of perfusion”

In relation to the existing field “Ex vivo machine perfusion” under Transplantation, a new field for “type of perfusion” has been created. For now, the field is only visible on liver transplantations.

**Liver - New fields**

The screenshot shows a form with tabs: Transplantation, Ischemia time, Organ HLA, HLA match grade & DSA, and Post tx infection. The 'Ischemia time' section includes fields for 'Cold ischemia time (DBD/DCD/LD)', 'Functional warm ischemia time (DCD)', 'Calculated ischemia time', and 'Calculated functional warm ischemia time'. The 'Ex Vivo Machine perfusion' dropdown is set to 'Type of perfusion', which is highlighted with a red arrow. A dropdown menu is open, showing options: NMP: Normothermic Machine Perfusion (ex-situ), HOPE: Hypothermic Oxygenated Perfusion (ex-situ, portal), DHOPE: Dual Hypothermic Oxygenated Perfusion (ex-situ), NRP: Normothermic Regional Perfusion (in-situ), COMB: Combined (specify), and OTH: Others, specify.

## Updates to follow up in Kidney Registry

Several new fields have been added to recipient follow ups within the Kidney Registry:

- Complications
- Anastomosis
- Cyst kidney ektomi
- Delayed graft function

### Kidney- New fields

The screenshot shows the 'Kidney follow up registration' form. Several fields are highlighted with red boxes, indicating new additions: 'Anastomosis', 'Cyst kidney ektomi', 'Delayed graft function', and the 'Renal tx complication history' table. The table has columns for 'Complication date', 'Complication type', and 'Comments'. Other fields include 'First name', 'Last name', 'Scandianumber', 'Person number', 'Nationality', 'Donor number', 'Transplantation nr', 'Date of transpl', 'Cold ischemia time (DBD/DCD)', 'Functional warm ischemia time (DCD)', 'Calculated ischemia time', 'Latest follow up', 'Follow up status', 'First renal treat date', 'Renal repl treat type', 'Kidney onset date', 'Remarks', 'Rejection', and 'Latest rejection update'.

## Extra search options under Deceased Donor

Under Deceased donor, extra search options have been added to the page.

### Deceased donor - Extra search options

The screenshot shows the 'Deceased donors' search form. Three red arrows point to new search options: 'Detection hosp.', 'Local ID/Temporary ID', and 'Donor status'. Other search parameters include 'Donor number', 'Hospitalized in', 'Donor name', 'Offered', 'Person number', 'Citizenship of', 'Local ID/Temporary ID', 'Detection ward', 'Realized', 'ABO blood group', 'Procuring center', 'Responsible center', 'Hospital', and 'Date of (no) donation'. The form also includes 'Search', 'Add new', and 'Reset' buttons.

## Luminex to YASWA software update

Due to bug fixes in the transfer software a new version has just been launched. The newest version is relevant if you don't enter person number in the Fusion software.

The version overview [here](#)

## STEP match run

The next STEP match run will take place April 8<sup>th</sup> 2026.

Deadline for data entry in YASWA (new pairs and updates) is April 1<sup>st</sup> 2026 10:00 CET

Pairs and altruistic donors must be tagged with '25: 25nd run April 2026' to be included in the match run.