



## News from Scandiatransplant office

March 2016

### Introduction

#### Main topics in this newsletter

- **Updates in existing YASWA modules**
  - o New filters in 'Search for suitable kidney recipient'
    - DSA yes/no
    - Age difference between donor and recipient
    - STAMP status
  - o Update in kidney search report
    - Addition of dialysis centre + order of information
  - o Deceased donor definitions – new field
- **Update of infection guidelines – Zika virus**
- **Reports**

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*Updates in existing  
modules*

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*Reports*

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All previous newsletters can be found on the Scandiatransplant web page

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

#### Content

- 1 Introduction and purpose
- 2 Updates in existing YASWA modules
- 5 Update of infection guidelines – Zika virus
- 6 Reports

### 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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## Updates in existing YASWA modules

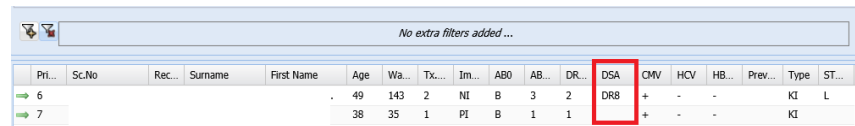
### New filters in 'Search for suitable kidney recipient'

#### New filter DSA

#### - DSA yes/no

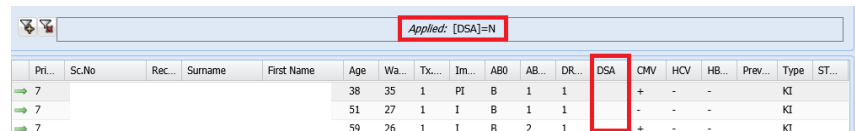
In search for suitable kidney recipients a new filter has been added making it possible to select or deselect patients with Donor Specific Antibodies (DSA).

Search example without filter



| Pri... | Sc.No | Rec... | Surname | First Name | Age | Wa... | Tx... | Im... | ABO | AB... | DR... | DSA | CMV | HCV | HB... | Prev... | Type | ST... |
|--------|-------|--------|---------|------------|-----|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|---------|------|-------|
| → 6    |       |        |         |            | 49  | 143   | 2     | NI    | B   | 3     | 2     | DR8 | +   | -   | -     |         | KI   | L     |
| → 7    |       |        |         |            | 38  | 35    | 1     | PI    | B   | 1     | 1     | +   | -   | -   |       |         | KI   |       |

Search example with advanced search filter, where patients with DSA have been deselected



| Pri... | Sc.No | Rec... | Surname | First Name | Age | Wa... | Tx... | Im... | ABO | AB... | DR... | DSA | CMV | HCV | HB... | Prev... | Type | ST... |
|--------|-------|--------|---------|------------|-----|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|---------|------|-------|
| → 7    |       |        |         |            | 38  | 35    | 1     | PI    | B   | 1     | 1     | +   | -   | -   |       |         | KI   |       |
| → 7    |       |        |         |            | 51  | 27    | 1     | I     | B   | 1     | 1     | -   | -   | -   |       |         | KI   |       |
| → 7    |       |        |         |            | 59  | 26    | 1     | I     | B   | 2     | 1     | +   | -   | -   |       |         | KI   |       |

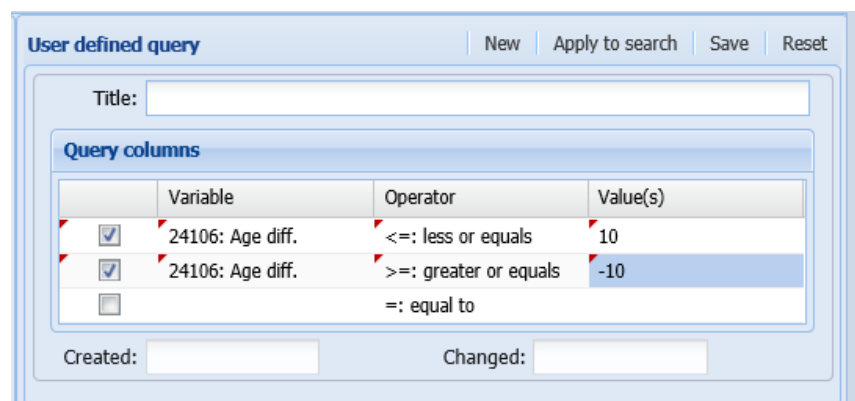
### New filters in 'Search for suitable kidney recipient'

#### - Age difference between donor and recipient

In search for suitable kidney recipients a new filter has been added making it possible to filter on age difference between donor and recipient

This is an example of a filter where you will only get recipients displayed with no more than 10 years of age difference to the specified donor.

#### New filter age difference



User defined query [New] [Apply to search] [Save] [Reset]

Title:

| Variable   | Operator              | Value(s) |
|--|-----------------------|----------|
| <input checked="" type="checkbox"/> 24106: Age diff. | <=: less or equals    | 10       |
| <input checked="" type="checkbox"/> 24106: Age diff. | >=: greater or equals | -10      |
| <input type="checkbox"/>                             | =: equal to           |          |

Created:  Changed:

**STAMP status  
displayed in search**

New filters in 'Search for suitable kidney recipient'

- STAMP status

In the kidney recipient result overview the status on the Scandiatransplant Acceptable Mismatch (STAMP) is now displayed. (A= Active on STAMP, I = Inactive, LAMP = Local programme)

HLA-search: A3,2;B40,12;Cw4,5;Bw\*w4,w6;DR8,10;DQB1\*9,5      Calculated Bw: w6,??

Applied: [Age diff.]<=10 [Age diff.]>=-10

| Pri... | Sc.No | Rec... | Surname | First Name | Age | Wa... | Tx... | Im... | ABO | AB... | DR... | DSA    | CMV | HCV | HB... | Prev... | Type | STAMP... |
|--------|-------|--------|---------|------------|-----|-------|-------|-------|-----|-------|-------|--------|-----|-----|-------|---------|------|----------|
| 7      |       |        |         |            | 55  | 15    | 1     | NI    | B   | 2     | 1     |        | +   | -   | -     |         | KI   |          |
| 7      |       |        |         |            | 65  | 7     | 1     | NI    | B   | 2     | 1     |        | +   | -   | -     |         | KI   |          |
| 7      |       |        |         |            | 51  | 55    | 2     | HI    | B   | 3     | 1     | DR1... | +   | -   | -     |         | KI   | I        |
| 7      |       |        |         |            | 66  | 20    | 2     | I     | B   | 3     | 1     |        | ND  | -   | -     |         | KI   | A        |
| 7      |       |        |         |            | 58  | 12    | 1     | HI    | B   | 3     | 1     | DR1... | +   | -   | -     |         | KI   | L        |
| 7      |       |        |         |            | 64  | 1     | 1     | NI    | B   | 3     | 1     |        | +   | ND  | ND    |         | KI   |          |

The STAMP status has also been added as an advanced search filter option

**Dialysis center  
information added in  
report**

Update in kidney search report

- Addition of dialysis centre

Dialysis centre information has been added to the kidney search report

|                           |                  |                |  |              |             |
|---------------------------|------------------|----------------|--|--------------|-------------|
| Priority                  | 7                | Sc.No          | 3  | Center       | CP          |
| Person Number             |                  | Surname        | Surname:                                 | First Name   | First name: |
| Treatment/dialysis center |                  | Herlev         |  |              |             |
| Age                       | 51 year(s)       | Age at notif.  | 46                                       | Age diff.    | -10         |
| Type                      | KI               | Wait.Time      | 55 months                                | Tx.No        | 2           |
| ABO                       | B                | Local priority | No                                       | Spc.Req      |             |
| CMV                       | Positive         | HCV            | Negative                                 | HBsAg        | Negative    |
| Imm.Stat                  | Highly immunized | DSA            | DR10;DQ5                                 | STAMP Status | Inactive    |
| AB mm.                    | 3                | DR mm.         | 1  | Rep.mm.      |             |
| Genomisk                  |                  | Serologisk     | A3,68 B35,38 Cw4,12 DR8,13 DQ8,6 Bww4,w6 |              |             |
| Antibody summary          |                  |                | B55,7; DQ2,5; DR1,10,103,15,16,4,9;      |              |             |
| Notes                     |                  |                |  |              |             |

and the order of the information has been changed to make the printout more clear.

## Deceased donor definitions – new field

It has previously not been possible to register when an operative incision was made with the intent of organ recovery for the purpose of transplantation, however no organs were procured = Actual deceased donor.

(<http://www.ont.es/publicaciones/Documents/Articulos/2011/Transplant%20International-THE%20CRITICAL%20PATHWAY.pdf>).

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**Actual deceased donor:**

**New field**

**'operative incision'**

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In the 'Donor' -> 'Deceased Donor' menu in top of the 'organ procurement' tab a new box has been added where you can tick off: Operative incision made, no organs procured

| Tx. center | Transplanted | Organ type | Recipient | Liver segment(s)/pancreatic islets additional info |
|------------|--------------|------------|-----------|--|
|            |              |            |           |  |

| Organ type      | Cause | Remarks |
|-----------------|-------|---------|
| 1. PA: Pancreas |       |         |

## Deceased donor definitions (and registration)

*Potential deceased donor (Donation realized: P - Potential):*

A person whose clinical condition is suspected to fulfill brain death criteria, but is not (yet) accepted as a donor.

*Eligible donor (Donation realized: N - No):*

A medical and clinical suitable person who consent to donation who has been declared dead based on neurological criteria as stipulated by the law of the relevant jurisdiction. However no organs has been retrieved for the purpose of transplantation, due to clinical conditions.

*Actual donor (Donation realized: Y - Yes):*

A donor where an operative incision was made with the intent of organ recovery for the purpose of transplantation or at least one organ was retrieved for the purpose of transplantation

*Utilized donor (Donation realized: Y - Yes):*

An actual donor from whom at least one solid organ was transplanted.

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**Deceased donor definitions**

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**Please update year 2016 information**

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These definitions will be used from January 1<sup>st</sup>, 2016, so if you have had any donors in 2016 where an operative incision was made with the intent of organ procurement for the purpose of transplantation, however no organs were procured, please update the already registered donors according to these definitions.

[http://www.scandiaintransplant.org/data/Deceaseddonordefv\\_3.pdf](http://www.scandiaintransplant.org/data/Deceaseddonordefv_3.pdf)

## **Update of infection guidelines – Zika virus**

The Guidelines for Prevention of Transmission of Infectious Diseases from Organ Donors to Recipient have been updated with addendum on Zika virus:

Patient with Zika virus infection are viremic for a short period (approximately 14 days) but the virus can be found in other tissue after the viremia has cleared.

There is no possibility to screen for the Zika virus infection in deceased donors since PCR diagnosis takes several days and IgM antibodies against Zika virus have strong cross-reactivity, which may generate false positive results in serological tests. It is probable that infection can be transmitted by organ transplantation but the impact of immunosuppression on the natural history of Zika virus infection is not known.

Donor with recent travel history to Latin America or other affected areas without any symptom of viral infection - the risk for Zika infection is still low and this low risk should balance the harm by declining the organs.

Note: the situation can change rapidly and these notes should be interpreted in the light of new information.

Edited by Vanda Friman. February 15, 2016

The complete guidelines:

[http://www.scandiatriplant.org/members/prevention-of-transmission-of-infections/ScandtxInfGuidelines201520incl2020Ebola\\_520281295.pdf](http://www.scandiatriplant.org/members/prevention-of-transmission-of-infections/ScandtxInfGuidelines201520incl2020Ebola_520281295.pdf)

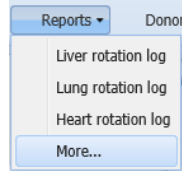
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**Current list of reports....**

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## Reports

The report area is still under construction and more reports will continuously be added in the system. The current list of reports is displayed below with the name of the report and a short description.



|  |
|--|
| <p><i>All - Donor, recipient and tx information for all transplantation types:</i><br/>Extend Excel extraction with a wide variety of recipient and donor data. (Old report name Donor_Tx_HLA)</p>                       |
| <p><i>DD – Organ exchange balance:</i><br/>Statistics on organ exchange between centers in numbers</p>   |
| <p><i>Recipient – Current waiting list statistics:</i><br/>Statistics in numbers on specified waiting list</p>   |
| <p><i>Recipient – Current waiting list:</i><br/>Excel extraction of all patients on the waiting list</p>   |
| <p><i>Recipient – Dialysis center:</i><br/>A text document with kidney patients on the waiting list belonging to the specified dialysis center.</p>  |
| <p><i>Recipient – xxxx notifications or withdrawals:</i><br/>Excel extraction of all patients, whom have entered or been withdrawn from the selected waiting list in a specified period.</p>                             |
| <p><i>Recipient – xxxx transplantation:</i><br/>Excel extraction of all patients, whom have been transplanted on the selected waiting list in a specified period.</p>  |
| <p><i>Recipient - Potential missing antibody screen test for patients on waiting list:</i><br/>A text document which lists patients with missing HLA antibody screen test registration for the specified parameters.</p> |
| <p><i>STAMP – notifications or withdrawals:</i><br/>Excel extraction of all patients with a STAMP/LAMP record, whom have entered or been withdrawn from the kidney waiting list.</p>                                     |
| <p><i>STAMP – transplantation information:</i><br/>Excel extraction of all patients with a STAMP/LAMP record, whom have been transplanted.</p>   |
| <p><i>Transplantation statistics:</i><br/>Statistics in numbers on transplants on the specified waiting list</p>   |