News from Scandiatransplant office

November 2021

Introduction

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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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Extension of deceased donor variables in YASWA – part 5

Coordination notes

In a previous update the possibility to add real-time comments during the donation process was implemented in the ‘Coordination’ tab.

Now a new Print option is found in the upper right corner:

The print out contains all comments and is meant to give a complete overview of all comments/notes:

Deceased donor organ form

A new version of the organ form is now available through the ‘Allocation’ tab by clicking on the Print button:

Page and donor numbers on each page are still to come and so is also the evaluation of the content.
Pre transplant information
A new menu ‘Organ accept and pre tx info’ has been added under ‘Recipient’:

This menu lists all organs that have been accepted under ‘Allocation’ in deceased donor.

By clicking on each organ a new window will open up. Here you are able to add information about the recipient you plan to transplant with the specific organ. This can be used as a check list and as an overview of the planning.
Lab. values with more than one unit

In various places around the system we have lab. values with more than one unit, so each center can add and see results without converting. With the update today each center is now only able to add results in the fields with the units that they use locally.

As an example (Swedish user) in deceased donor lab. values, you are only able to enter results in the white fields:

This change has been applied all over the system except for the liver registry.
The units have been defined for each center, if you find anything wrong with what units are writeable please contact Ilse at the office.

Pediatric Renal Follow Up, graft loss cause

In the pediatric renal registry the possibility to register graft loss cause has now been added to the follow up.
Donor status, when a potential donor ends up not becoming an eligible/actual or utilized donor.

With all the modifications done in YASWA regarding deceased donor registration several centers wants to use YASWA to register all potential donors. In relation to this it is needed to state/conclude when a potential donor does not become a donor. A ‘No donor’ conclusion is now found in YASWA, the status is deduced from the following fields ‘Donation realized’, ‘Consent to donation’ and ‘Consent but no donation’, thus it is recommend always to register information in these fields to get the right conclusion.

The deceased donor definition page has been updated accordingly: http://www.scandiatransplant.org/data/Deceaseddonordef_v5.pdf

Liver offers for visceral and ped. liver recipient

When offering livers, that fulfill liver split criteria, to visceral and ped. liver recipients, it has been decided by NLTG and the tx coordinators that all centers with relevant recipients should receive the offer at the same time. You do this by selecting ‘P: Visceral and ped. liver centers’ in the ‘Organ offer’ tab:

When you click ‘Send offer’ SMS and e-mail is only sent to the centers that have recipients on the ‘Pediatric and multivisceral waiting list’ and to which the ABO blood group is defined as acceptable.
Liver size measurements

It has been decided by NLTG that donor liver offers should whenever possible include AP measurements and CT scan description/pictures and as many other details about the graft as possible.

Sharing of measurements is now supported with introduction of new fields in deceased donor ‘Med current’ tab:

<table>
<thead>
<tr>
<th>Liver size measurement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anterior-posterior diameter: cm</td>
<td></td>
</tr>
<tr>
<td>Transverse diameter left side: cm</td>
<td></td>
</tr>
<tr>
<td>For ped. ty. S2-L thickness: cm</td>
<td></td>
</tr>
<tr>
<td>For ped. ty. S2-L length: cm</td>
<td></td>
</tr>
</tbody>
</table>

Information is included in the organ offer form.

The liver size assessment guidelines are found on the Scandiatransplant homepage:

Visceral recipient categories

Deduce from the organs that the visceral recipients are waiting for the recipient are separated in two categories:

MV: Multivisceral (i.e. liver containing allograft)

II: Isolated intestine

This information has been added to the display on the ‘Pediatric and multivisceral waiting list’ and also to the pdf, that is distributed twice a week on e-mail.
List of recipients to be included in STEP match run

On recipients that are being prepared for an upcoming STEP match run you are now able to register on the waiting list, that you wish to include the patient/pair in a specific match run.

The next STEP match run in January 2022 will be match run no. 9, so for the recipients/pairs you wish to include you should select ‘9: 9th run 2022’.

By doing so you and the office will be able to bring forward a complete list of participating pairs before a match run.

The new list is found through Recipient -> STEP -> Participating pairs.

Selecting the specific match run followed by Search brings forward the relevant recipients.
**STEP blocking of non-bead alleles**

Over time we have seen that cycles have been broken due to the lack of Luminex beads for some antigens. Currently, the initial medical HLA STEP match is a one to one comparison between the Luminex beads and the donor HLA on 2nd field resolution. The matching will proceed this way, however, as a supplement it is now possible to list antigens on serological HLA level that you wish to block. As an example, there is currently no bead for C*0701 and if you know that you will not accept any C*07 subtypes for a specific recipient you can add Cw 7 as an non-acceptable antigen. This is done on the recipient in the ‘Fusion’ tab:

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**Next STEP match run**

The next STEP match run will take place January 18th, 2022. Deadlines for the upcoming STEP match run:

- Deadline for data entry in YASWA (new pairs and updates) is Wednesday January 12th, 2022 10:00 CET
- Scandiatransplant office will do a quality check on data and lists of pairs available through YASWA is ready to be confirmed by each center from January 12th, 2022
- Confirmation of pairs must be done to the Scandiatransplant office no later than Friday January 14th, 2022, 16:00 CET
- Results of STEP match run is sent out 18th of January 2022.