



News from Scandiatransplant office

December 2018 - 2

Introduction

Headlines

- Transplantability Score
- Integration of 'Deceased Donor Organ Form'

*Database update
December 19th, 2018*

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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Transplantability Score

With the update done today several versions of the calculated Transplantability Score has been introduced.

Estimated Transplantability Score

Recipient -> All recipients -> Antibody Screen Test

Date of sample	PRA Class I	Method Class I	PRA Class II	Method Class II	Identified Antibodies
Sep-2018	80	LUMI	98	LUMI	
Jun-2018	85	LUMI	98	LUMI	A1,3,11,26,30,31,32,36,43...
Mar-2018	89	LUMI	98	LUMI	A1,3,11,26,30,31,32,33,34...

Calculation of transplantability scores in 4 ways

In this tab you will find two new calculations

- Estimated Transplantability Score, ABO identical
- Estimated Transplantability Score, ABO compatible

Both calculations are based on the last sample with defined antibody specificities. All HLA antigens which the patient has no antibodies against are regarded as acceptable and based on the Scandiatransplant donor pool of 2000 donors a transplantability score is estimated.

Transplantability Score

Recipient -> All recipients -> Basic info. -> Waiting list

Immunization: HI: Highly immunized
Date of last change of Immunization: 07-Sep-2018
STAMP Sign Up: Y: Yes
STAMP Status: A: Active

Determination Method: LUMI

Acceptable mismatches

- HLA-A: 2,3,23,68,69
- HLA-B: 18,37,38,39,44,45,46,49,50,52,53,54,58,59,62,63,64,65,71,72,75,77,78
- HLA-Cw: 1,3,5,7,8,9,10,12,15,16,18
- HLA-DR: 1,2,3,4,7,9
- HLA-DQ: 2
- HLA-DP: 0101,0201,0301,0401,0402,0501,0601,0901,1001,1101,1301,1401,1501,1701,1801,2001,2301,2801

Date of acceptance: 01-Nov-2017
Status: A: Active
Sign up: Y: Yes

Comments:

First Registr.: 01-Nov-2017
Last Change.: 17-Dec-2018

Calculated transplantability score based on defined acceptable mismatches

Compatible ABO: 1.00 %
Identical ABO: 0.75 %
Normal match: 0.00 %
Date of Calc: 17-Dec-2018

On the waiting list record in the STAMP/LAMP tab you will find

- Transplantability Score, ABO identical
- Transplantability Score, ABO compatible

These two calculations are based on the defined acceptable antigens in the STAMP/LAMP tab. 'Transplantability Score, ABO identical' is the old well-known calculation used as STAMP inclusion criteria.

Integration of 'Deceased donor organ form'

*Integration
of organ form*

Step by step the variables found in '[Deceased Donor Organ Form](#)' will be integrated into YASWA.

Later it will be possible to extract and print-out a document to send with the shipped organ. Currently the form is filled out by hand by the transplant coordinators for each organ.

Some of the variables added in this update are: Quality of perfusion, medication during organ procurement and timepoints in organ retrieval.

**We thank you all for your cooperation
and commitment in 2018**