

## News from Scandiatransplant office

## March 2017

## Introduction

### Main topics

- Updates in existing YASWA modules
  - Integration of 'Organ Offer Form' in 'Deceased Donor' registration
  - All donor specific antibodies (DSA) displayed in 'search for suitable kidney recipient'
  - Registration of recipient death
  - Crossmatch on immunized heart and lung patients
  - Extraction of Living Kidney Donor data

### New guidelines

 Guidelines on routine donor samples required by each laboratory in case of organ exchange within Scandiatransplant

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### Purpose

web page

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.

All previous newsletters can be found on the Scandiatransplant

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

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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YASWA Updates + New guidelines

## **Updates in existing YASWA modules**

# Integration of 'Organ Offer Form' in 'Deceased Donor' registration

It has for some time been a wish to integrate the 'Organ Offer Form' (OOF) with the 'Deceased Donor' (DD) registration. By doing so

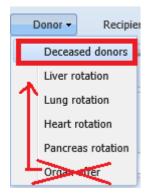
- Data does not need to be copied from DD to OOF
- Data does not need to be synchronized DD <-> OOF
- Some of the variables found in the OOF are relevant to register on all DD (hypertension, smoker etc.)
- Data registered on DD can be used in the Liver and Thoracic registries

Entering a deceased donor, you will see three new tabs, which contains most of the variables from the OOF, but also new variables have been included. Furthermore, some DD variables have shifted place and some list of values have been extended with more choices.

The integration has been available for all tx. coordinators to test and will be implemented in production Friday 3rd of March 2017.

Deceased donor regis	stration					E	lack Save R	eset Print F	Preview offer	Send offer
Donor	r number:	1		Hospitalized in:	S: Sweden	~	Citizer	ship of: DK: De	nmark	~
В	lirth-date:	22-May-1959 📑	Person	Number: 220559		,	Age in years at d	onation: 56		
Don	nor name:	Name: T.								
Basic Infection	serology	Lab.tests at admis.	Medical info	Blood gas & vent	Latest lab.tests	Medication	HLA Typing	Organ proc.	Organ offer	

From this date and forward you must enter the 'Deceased Donors' menu to register and send organ offers.



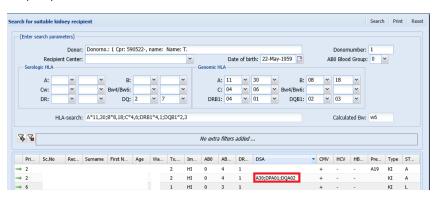
Integration will be implemented in production Friday 3<sup>rd</sup> of March 2017

# All donor specific antibodies (DSA) displayed in 'search for suitable kidney recipient'

Recently it was made possible to register HLA-DQA, -DPA and -DPB antibodies.

tibody Screen Test					1	Back Save	Reset
Scandianumber:	196436		Surname:	Surname: S.			
Date of serum sample:	08-Nov-2016						
PRA Class I:	10 %		PRA Class II:	20 %			
Determination Method CI I:	LUME	*	Determination Method Cl II:	LUMI	~		
HLA-A:	9,10,19				~		
HLA-B:					~		
HLA-CW:					~		
HLA-DR:					~		
HLA-DP:					~		
	0103,0105				×		
HLA-DQ:							
					~		
HLA-DQA:	Select all				~		
	Select all		,	·			
	0101						
	0102						
	0103						
	0104						
	0105						
	0106						
	0107						
	0108						
	0109						
	0110						
	0111						

In 'search for suitable kidney recipient' DSA for all the series, that you can register antibodies against, will now be displayed in the search result screen.



To have DSA displayed the specified HLA types must be registered on the deceased donor, as HLA-DQA, -DPA and -DPB are not used in search.

### Registration of recipient death

Inconsistencies in the database in relation with recipient death registration has been an unsolved problem for many years. These inconsistencies have now been solved and the foreign key relation has been activated to avoid future problems.

For the uses solving these problems have resulted in the fact that a recipient can only have one core death cause registered. This death cause is related to the last treatment, that the recipient has been on the waiting list for.

If you run into problems when doing recipient death registrations, please contact us.

DSA for HLA-DQA, -DPA and -DPB are now displayed in 'search'

Update in recipient death registration

### Crossmatch on immunized heart and lung patients

When crossmatch is needed on heart and lung patients prior to transplantation it must be registered in the database.

All recipients -> Waiting list -> Current waiting list entry

Basic info Clinical data Ad	Idress/Phone Waiting List	HLA Typing Antibody Screen Test	Acceptable Antibodies	Previous Mismatches Death
Add new				
Waiting List	Date of entry	Termination		
👄 💢 LU: Lung ү	17-Feb-2017			
T				

In 'Specific Data' select yes when crossmatch is needed

Specific data Infection se	rology Urgency History Termination Crossmatch
Primary diagnosis:	1604: Idiopathic Pulmonary Fibrosis
Old diagnosis:	
Urgent calls / Kind requests in	formation
Mechanical support:	Time: Inotropic support: Ime:
Donor requirements	
AB0 Blood group:	Crossmatch needed:
Preferred weight:	kg. Preferred height: cm. N: No
Remarks:	Y: Yes
Remarks:	
Lung Waitinglist	
Waiting For Lung Number	: 1
Requirements	D: Double lung graft requin 🛩 Special requirements:

### Sending samples

Each time a serum sample is sent to the other tissue typing labs (every 3. month) it must be registered in the database.

Date sent	Sample	e drawn	Local sample ID	Username	
Crossmatch sample					Back Saw
Crossmatch sample			~		Back Sav
	ame: Surname: K.		First name:		Back Save
Surna					Back Save
Surna Date s	sent: 27-Feb-2017 📑		Sample drawn:	24-Feb-2017	Back Sav
Surna	sent: 27-Feb-2017 📑	×		24-Feb-2017	Back Save

If you have heart/lung patients where you have stated that crossmatch is needed you will find it in the Quality Control menu 'HLA – Crossmatch samples sent-info'. If there is no date displayed in 'Date sent' no samples have been shipped or the registration has not yet been done.

Crossmatch on heart/lung patients

Registration of samples sent for crossmatch on heart/lung patients



Each tissue typing lab. must regularly check that they have sent serum samples on own heart/lung patients requiring crossmatch.

#### **Receiving samples**

When you receive samples on heart/lung patients from other tissue typing lab you must register it though the Quality Control menu 'HLA – Crossmatch sample receipts'.



The list displays recipients on the waiting list where crossmatch is required and a sample is registered as shipped. If no date is displayed in 'Date received' no sample has been received or you have not done the registration yet.

All tissue typing lab must have a sample stored locally for crossmatch on each of the recipients listed in the QC, thus it is recommended that it is regularly check that you have received serum samples on relevant recipients according to the QC list.

Registration of samples received for crossmatch on heart/lung patients

### Extraction of Living Kidney Donor data

New extractions of Living kidney donor data have been added Living donor -> reports....

Living kidney donor reports are now available

Living donor 🗸	Quality Cont					
Living donor	transplantation					
Living kidney	Living kidney donor basic					
Living donor	follow up					
Reports						

With these extractions, you are able to extract a variety of living donor data on donors from your own centre.

Reports of Living de	ronor
Choose report:	
	LD - Living Donor Follow Up (ld_fu.pl)
L	LD - Living Donor Information (Id_donor.pl)
	Living donor transplantation activity
	Living donor transplantation statistics

### **New Guidelines**

Guidelines on number of deceased donor samples Guidelines on routine donor samples required by each laboratory in case of organ exchange within Scandiatransplant

Agreement has been reached on a specified number of samples, which the Tissue typing labs needs, when organs are exchanged.

The guidelines have been placed on the Scandiatransplant homepage:

http://www.scandiatransplant.org/organallocation/Revisionofroutinedonorsamples210217.pdf