

Major changes in living donor – Transplantability score

## News from Scandiatransplant office

## August 2017 - 2

## Introduction

#### Main topics

- New, updates and changes in existing YASWA modules ready on test server
  - o Reorganisation of living donor registration
  - Living kidney donor transplantation registration
  - Living liver donor transplantation registration
  - Additional deceased donor liver graft variables
- Transplantability score (TS) as accept criterion for STAMP

All previous newsletters can be found on the Scandiatransplant web page http://www.scandiatransplant.org/news/newsletters

#### Content

- 1 Introduction and purpose
- 2 Reorganisation of living donor registration
- 3 Living **kidney** donor registration
- 5 Living **liver** donor registration
- 6 Additional deceased donor liver graft variables
- 7 Transplantability score (TS)
   as accept criterion for
   STAMP

#### 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.

Scandiatransplant Aarhus Universitetshospital, Skejby 8200 Aarhus N Denmark www.scandiatransplant.org Ready for test

## New, updates and changes in existing YASWA modules ready on test server

The changes described below this headline are now available on the test server: <u>https://sc40.scandiatransplant.org/sctpTest/</u>

The current plan is to execute the changes in production September 5, 2017.

We encourage you to test the changes and give feedback a.s.a.p.

#### Reorganisation of living donor registration

It has been decided by the Scandiatransplant board that STEP (Scandiatransplant kidney exchange program) should be a part of YASWA.

The purpose of STEP is to increase the likelihood of offering a suitable kidney graft to immunized recipients who are crossmatch positive against their living donor or AB0-incompatible.

This is done by registration of incompatible donor-recipient pairs and doing match run runs among these trying to find potential exchanges between the pairs.

To be able to register living donors without doing an actual transplantation registration it has been necessary to reorganize the current workflow.

Living donor transplantation registration now follows the same <u>workflow</u> as deceased donor transplantation:

1. Registration of Basic Living Donor Information

2. Withdraw patient as living donor transplanted and make the <u>recipient-donor linkage</u>

3. Registration of additional Living Donor Information

Living donor registration – new workflow

#### Living kidney donor transplantation registration

1. Registration of Basic Living Kidney Donor Information

Do to the reorganization of the living donor part, you need to register basic donor information, before you can register the transplantation.

Basic donor data needed before tx registration

L	iving donor <del>-</del>	Quality Contr
	Living liver do	onor basic
	Living kidney	donor basic
	Living kidney	donor follow up
	Reports	

Only very few parameters are strict obligatory to register to get the donor number.

Validation error	×
Error(s): * [Sex]:This field is required * [Birth-date]:This field is required * [AB0 blood group]:This field is required * [Relation code]:This field is required * [Organ type]:This field is required	
Warning(s): * [Creatinine]:This field is required * [Proteinurea]:This field is required * [Diabetes mellitus]:This field is required * [Systolic]:This field is required * [Diastolic]:This field is required * [Anti-hypert drugs]:This field is required * [Height]:This field is required * [Body weight]:This field is required * [Any previous urinary tract diseases/conditions]:This field is required	
ОК	

Error and warning

Errors – strict obligatory - you cannot save data without filling in the information

Warnings – recommended to fill in - you can save data and come back later

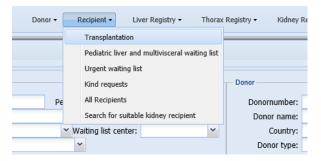
## 2. Withdraw patient as living donor transplanted and make the <u>recipient-donor/organ linkage</u>

You can withdraw the patient at any time, however to do the transplantation linkage you need to register basic donor information in advance.

After recipient withdrawal, the transplantation registration can be done either through the shortcut in 'All recipient':

reatn	ment Termir	ation								
	Termin	ation Cause:	LDT: Tran	splantation - li	ving donor	*	Term	ination Date: 21-Aug-2	2017 🖪	
	Termination Cause: LDT: Transplantation - living donor 💌 Termination Date: 21-Aug-2017 🖪									
ransp	plantation (li	ving donor)								

or through the common transplantation registration menu



This will lead you to the recipient-donor/organ linkage window, where you should start by selecting the relevant donor/organ, insert tx. date and save data.

Fransplantation		Back Save	Reset
Recipient			
Scandianumber:	19t Person number:		
Recipient name:			
Country:	DK: Denmark Waiting list center: AR: Aarhus Waiting list: KI: Kidney		
Donor			
Donornumber:	Person number:		
Donor name:	Donor type: L: Living donor		
Country:	Procuring center:		
Transplantation C	Drgan HLA HLA match grade		
Organ:	Tx.date: Time:		
Immunosuppress.:	▼ Department: ▼		
General remarks:			

Common window for deceased and living donor transplantations 3. Registration of additional Living Kidney Donor Information

After completing the recipient-donor/organ linkage, additional tabs will become available through the 'Living kidney donor basic' menu.

Donor number:	93536 Sex: F: Female 👻 Country: DK: Denmark 💌
Birth-date:	16-Aug-2017  Person number: 160817 Age in years at donation:
Surname:	test First name: nr. 3
First regist.:	IDW 22-Aug-2017 Last Change: IDW 22-Aug-2017
Formation Preoperative Tx-center: A	AR: Aarhus 🗸
Local hospital:	AB0 blood group: 0 🗸
Relation code:	AD: Anonymous Donor 👻 STEP Recip.: Click here to choose STEP-relation 🥖
Other relation:	
Scandianumber:	198229 Recipient person number: 170982
	Surname: E., First name: H.

#### Living liver donor transplantation registration

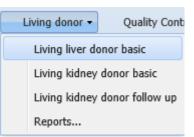
1. Registration of Basic Liver Donor Information

Nordic Liver Transplantation Group (NLTG) has decided that it should be possible to register additional variables on living liver donors. The variables are in line with what is found in ELTR.

#### New

Separate menu entry for living liver donors

You need to register basic donor information through 'Living Donor' -> 'Living Liver Donor Basic', before you can register the transplantation.



As for living kidney donors only very few parameters are strict obligatory to register to get the donor number.

Validation error	×
Error(s): * [Sex]:This field is required * [Birth-date]:This field is required * [Tx-center]:This field is required * [AB0 blood group]:This field is required * [Relation code]:This field is required	
Warning(s): * [Graft weight]:This field is required * [Macrovesicular steatosis]:This field is required * [Microvesic steatosis]:This field is required * [Overall steatosis]:This field is required	

### Additional tabs appear after linkage

2. Withdraw patient as living donor transplanted and make the <u>recipient-donor/organ linkage</u>

Follows the same workflow as decribed for Living Kidney Donor Transplantation page 4

#### 3. Registration of additional Living Liver Donor Information

After completing the recipient-donor/organ linkage, additional tabs will become available through the 'Living liver donor basic' menu.

Living liver donor information										Back	Save	Reset
Donor number:	93534			Sex:	F: Female 💌			Country:	DK: Den	nark	*	
Birth-date:	14-Feb-2002		Person number:	140202				Tx-date:	22-Aug-2	017		
Surname:	test					First name:	nr. 1					
First regist.:	IDW	22-Aug-2017				Last Change:	IDW	22-Aug-20	)17			
Basic information Lab.te	sts Infection	serology HLA T	yping Comp	lications	Followup							
Tx-center:	4L: Malmö/Lund	*			AB0 b	lood group: 🛛	4 ¥					
Height:	cm				В	ody weight:	kg					
Systolic:	mm	Hg				Diastolic:	mm He	,				
- Relation information												

#### Additional deceased donor liver graft variables

A few new variables have been added on deceased donor liver grafts to comply with future export of data to ELTR.

cured graft					Back	Save Reset	
Donor information —							
Donor number:	9		Person number:				
Donor name:	Name: D.						
Hospitalized in:	N: Norway		Procuring center: OS: Oslo	1			
Graft details							
Organ to center:	OS: Oslo	¥					
Organ type:	LI: Liver	~	Graft transplanted:	~			
Procured by:		*	Preservation fluid:		~		
General remarks:							
Liver specifics							
Number of arte	aries:		Iliac vessels supplied:	¥			
		Time:	Iliac vessels supplied: Aortic perfusion started:	~	Time:		
Number of arte Portal perfusion sta		Time:			Time:		
Number of arte Portal perfusion sta	arted: liver: R: Reduced	× ~			Time:		
Number of arte Portal perfusion sta Used as split	ique:	× ~			Time:		

Additional tabs appear after linkage

More details on deceased donor liver grafts New accept criterion

# Transplantability score (TS) as accept criterion for STAMP

The next database update will also include change in Inclusion criterion for STAMP of PRA  $\ge$  80% to inclusion criterion based on transplantability score of  $\le$  2% as decided by the Tissue Typers Group and the Nordic Kidney Group.