

News from Scandiatransplant office

May 2022

Introduction

Update May 4th, 2022

Headlines

- Validation of 'Recipient' and 'User' center
- Type of crossmatch
- Deceased donor variables-part 7
- Additional liver measurements and requirements on recipients
 - Removal of recipient 'Transplantation history'
- New STAMP/LAMP report

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

1 Introduction

Content

- 2 Validation of 'Recipient' and 'User' center
- 2 Type of crossmatch
- 3 Deceased donor variables part 7
- Additional liver measurements and requirements on recipients
- 6 Removal of recipient 'Transplantation history'
- 6 New STAMP/LAMP report

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

Validation of 'Recipient' and 'User' center

With this update a new warning has been introduced in 'All recipient'.

The following warning will appear if you try and update a recipient that does not belong to your own center:

Policy alert			×
Warning(s): * You are attempt belong to your cer		ata on a recipient t vish to proceed?	hat does not
Save anyway?			
	Yes	No Heart Waltin	

New warning in 'All recipients'

You are still only allowed to update data on recipients from your own country.

Type of crossmatch

When selecting that crossmatch is needed on a recipient, a new field will appear, where you can state what type of crossmatch is needed.

Primary diagnos	is: 1004: Dilated cardio	myopathy: Myo	carditis (biopsy proven)	
Old diagnos	is:				
			Urgent calls / Kind	requests information	
Mechanical sup	port:	Time:	N/A:	Inotropic support:	Time: N/A:
Total lung capa	city:				
			Donor re	aquirements	
AB0 Blood group:			Donor re	equirements Crossmatch needed: Y:	Yes
	• •	1	Donor re		Yes
	BXM: Both physical and				
Type of crossmatch:		virtual crossma			Yas 🗸

On the kidney recipient search result list, the crossmatch information is displayed in a new additional column.

									En [En	nter sea	arch para	mete	s]										
		Dono	r: Don	orno.:														Do	nornun	nber:	99		
	Recipi	ent Cente	r: AR						~			Date	of birth			-		AB0 B	Blood G	iroup:	0	~	
			Serok	gic HLA —											Gen	omic HL/	۱ <u> </u>						
A:	2 .	32	~	B:	62	~	44	~		A:		-		✓ E	3:	~		~	C:		~		~
Cw:	9	5	✓ 8	w4/Bw6:	w4	~	w6	~		DRB1:		~		V DQB	:	~		~	DPB1:	0401	~	0402	~
DR:	4	12	~	DQ:	7	~	8	~	DRB3	3/4/5:	3*02	~	4*01	V DQA	: 03	~	05	~	DPA1:	01	~		~
	ated Bw: A-search:	w4,w6 A2,32;B	62,44;0	Cw9,5;DR4	ł,12;D	PB1*	0401,0)402;DR	88345*3*	*02,4*(01;DQA	1*03	05;DPA	1*01;DQ7	,8;Bv	w4,w6							
ΗIJ			62,44;0	Dw9,5;DR4	ł,12;D	PB1*	0401,0)402;DR	8345*3*		01;DQA			1*01;DQ7	,8;Bv	w4,w6							
ΗIJ			62,44;0	Dw9,5;DR4	4,12;D	PB1*(0401,0)402;DR	88345*3*					*01;DQ7	,8;Bv	w4,w6							
			62,44;0	Suma			0401,0	0402;DR					lded		,8;Bw		HCV	HB	Pre	e Tj	ype	АМ	Inc
HU	A-search:	A2,32;B						1	Тх	No e	extra filte	ers ac	lded				HCV -	HB	Pre	е Т) К		АМ	Inc
Pri	A-search:	A2,32;B	Rec				Age	Wai	Tx 1	No e Im	extra filte ABO	ers ac AB .	ided	. DSA		. CMV	HCV -	HB. - -			I	АМ	Inc
HL/ Pri 7	A-search: AM 0	A2,32;B Sc.No 201629	Rec AR				Age 37	Wai 38	Tx 1 3	No e Im NI	ABO 0	AB.	Ided DR 1	. DSA 00:	Xm VXM	. CMV	•	•	DR	к	I I	AM S	Inc
HL/ Pri 7 7	A-search: AM 0 0	A2,32;B Sc.No 201629 108012	Rec AR AR				Age 37 37	Wai 38 7	Tx 1 3 2	No e Im NI HI	ABO 0	AB. 1	Ided DR 1	DSA 00: 03:	Xm VXM	. CMV - +	•	•	DR	к к	I I I		Inc

And the information is included in the search list print

Deceased donor variables – part 7

Deceased donor, extended registration of information on not procured organs

Under 'Not procured organs' the lists for entering the reasons for not procuring the organ has been extended with more causes, some of these are organ specific.

Basic Meds and labs Coordinatio	n Donation Files CT stud	y	
Coordination Allocation Paybac	k Organ offer Organ QC		
😳 Allocate an organ			
Organ type	Status		
		- E	kchange summary
	Kidney obligation: Latest se	aro	ch performed 24-FEB-22
	Kidney payback: 1 catego	ry :	1 out of 2
Liver, heart ar	nd lung urgent waiting list: 3 ABO ac	cer	otable (0 identical) out of
Dadiateia liv	er and visceral waiting list: 13 ABO ac		table (0 identical) out of 10
Peulduric live	er and visceral walting list; 13 ADU ac	сер	budble (8 identical) out of 18
	Liver payback: 0 category 10: Due to virology	y 1	out of 1
	11: DCD - not part of current		able (0 identical) out of 0
	program		
	17: DCD - timelimit exceeded		Exchange options
Priority Type	[C 25: Hypertension		Treatment
I Kidne			Kidney
V 1 Urge			Heart
✓ 1 Urge	10. Crashin a		Lung
1 Urge			Heart
7 Payb	42: Asthma		Kidney
	43: COPD (chronic obstructive		lot procured organ
Organ type	pulmonary disease)		Remark

PA: Pancreas
 LR: Right Lung
 LL: Left Lung

Furthermore you are able to select several values for each organ type and you can register the name of the responsible doctor making the decision.

44: Lung infection

~

6: Age

6

New procedure status

In deceased donor a new procedure status along with a progress bar is now introduced.

							[Enter se	arch paramete	rs]					
		Dono	r number:		Persor	n number: 🔳				Sex:		~		
		Hosp	italized in:		~	Citizens	nip of:		~	Procuring	center:		~	
		AB0 blo	od group:	~		Rhesus	D:	*						
		Dona	tion after:	*	D	ate of (no) do	mation:	0	8	3				
		Do	nor name:							and the second s				
			Realized:		~	Of	fered:	*	Donor	status:	_	~		
				102000		11.5		Lawrence a					[l.
		Donor nu	Person n	Sex	Hospitaliz	Procuring	Responsi	Date of (Donor na	Realized	Offered	Donor st	Recent d	Procedur
•	×	98681		M: Male	N: Norway	OS: Oslo	Oslo			P: Potenti		P: Potenti	Y: Yes	1: Early ca
•		98681 99026		M: Male F: Female	N: Norway S: Sweden	OS: Oslo GO: Göte	Oslo Göteborg			P: Potenti P: Potenti		P: Potenti P: Potenti	and the second se	1: Early ca 7: Consent
		99026											Y: Yes	
*	××	99026		F: Female	S: Sweden	GO: Göte	Göteborg			P: Potenti		P: Potenti	Y: Yes	7: Consen 7: Consen
* * *	×××	99026 99004		F: Female M: Male	S: Sweden N: Norway	GO: Göte OS: Oslo	Göteborg Oslo			P: Potenti P: Potenti		P: Potenti P: Potenti	Y: Yes Y: Yes	7: Consen
* * * *	××××	99026 99004 98832		F: Female M: Male M: Male	S: Sweden N: Norway DK: Den	GO: Göte OS: Oslo AR: Aarhus	Göteborg Oslo Aarhus	27-Apr-2		P: Potenti P: Potenti P: Potenti	Y: Yes	P: Potenti P: Potenti P: Potenti	Y: Yes Y: Yes Y: Yes	7: Consen 7: Consen 7: Consen

Extended registration on not procured organs

Decease donor progress

The intention with this is to make it easier to get an overview of what donors are ongoing and how far they are in the process. This is the first version, and it might need adjustments along the way.

Status is continuously updated when data is updated on the donor.

DBD or cDCD

The 'Donation after circ. death' field has been changed to 'Donation after', with selection of DBD or cDCD in list of value.

Organ offer will tricker insert of centers in Allocation

When sending out an organ offer to 'A: All centers' automatic insert in the Allocation grid is now made. As an example, if Oslo sends out an offer for a heart, lines will be inserted for each center according to the rota list. Here the donor center can keep track of responses from the centers and register which center the organ will be allocated to (Approved = Yes)

Procedure s							
	tatus:	7: Consent to d	onation achieved (70%)				
Basic Meds and la	os Coordinatio	n Donation	Files CT study				
Coordination Allo	ation Payback	Organ offer	Organ QC				
Allocate an organ							Print
Organ type		Status					
⇒ 🗙 HE: Heart		Pending center(s):	AR (Organ offer rotalist / all), CP (C	rgan offer rotalist / all)	GO (Organ offer rotalist / all),	HE (Organ offer rotalist	/ all), ML (Org

					onor information				
				U	onor information				
	Donor number:					Person number:			
	Donor name:	Name: N.				Last changed:	29-Apr-2022 14:13		
	Hospitalized in:	N: Norway				Procuring center:	OS: Oslo		
			~						
	Organ type: H	iE: Heart	~						
				All	ocation process				
	Organ to center	Cause	Approve	Accept	Refusal	Remarks	Inserted		Last changed
1	AR: Aarhus	12: Organ offer rotalis	P: Pending	P: Pending			29-Apr-2022	14:13	29-Apr-2022 14:13
1	CP: København	12: Organ offer rotalis	s P: Pending	P: Pending			29-Apr-2022	14:13	29-Apr-2022 14:13
1	HE: Helsinki	12: Organ offer rotalis	s P: Pending	P: Pending			29-Apr-2022	14:13	29-Apr-2022 14:13
1	ML: Malmö/Lund	12: Organ offer rotalis	P: Pending	P: Pending			29-Apr-2022	14:13	29-Apr-2022 14:13
V	GO: Göteborg	12: Organ offer rotalis	s P: Pending	P: Pending			29-Apr-2022	14:13	29-Apr-2022 14:13
			P: Pending	P: Pending					
Resp. s	urgeon accepting:								
	Comment:								
				Ex	change options				
	Priority	 Type [Category] 	Center		Treatment	Scandia	number AB0		Donornumbe
1		1 Urgent wl	ML: Malmö/	Lund	HE: Heart		в		
		1 Urgent wl	HE: Helsink	i	HE: Heart		AB		

Furthermore the donor center can see which recipient centers that have accepted the offer and also causes for organ refusal.

Donor center: Keep track of organ offers and extended documentation

Accept or refuse an organ offer

A new menu entry under donor has been made, where centers receiving an organ offer has the possibility to register acceptance or refusal.

Deceased donor Payback status Liver rotation	rs							
Liver rotation								
Lung rotation								
Heart rotation								
Pancreas rotatio	n							
Sweden rotation	1 🕨							
Organ offer eva	luation pending							
Descent of the				rch parameters]	Y Orga		*	
Donornumber: Organ to center: GO:		talized in:	The second se	Procuring center:	Accept: P: Pending	in type:	Ľ	
organ to content. Our	occoorg	cous			Pacepa Tricing			
Donornumber	Hospitalized in	Procuring center	Organ type	Organ to center	Cause	Accept	Last changed	
98645	N: Norway	OS: Oslo	HE: Heart	GO: Göteborg	12: Organ offer rot	P: Pending	29-Apr-2022 14:1	3
	1 2 2 Ord	er by: Last changed▼					Displaying 1 - 1	of 1
4 Page 1 of	UIU UIU							
4 Page 1 of	U.U.							
Page 1 of							Back Save	Res
				Procuring center:	OS: Oslo		Back Save	Re
ation process Info Donornumb				Procuring center: Approve:			Back Save	Re
ation process Info Donornumb Organ typ	er: 98645	×		Approve:		П	Back Save	Res
ation process Info Donornumb Organ tys Organ to cent	er: 98645 pe: HE: Heart	×		center: Approve: Cause:	P: Pending		Back Save	Re
ation process Info Donornumb Organ tyg Organ to cent Acce	er: 98645 pe: HE: Heart co: GO: Göteborg			center: Approve: Cause:	P: Pending 12: Organ offer rotalist / a			Re
	1 k k ord	er by: Last changed▼					Displayi	ng 1 - 1 o

Recipient center: Keep track of organ offers and extended documentation

If the center refuses cause must be registered by the refusal center.

The information will now be available on the donor in the Allocation tab on the specific organ.

			Al	location process			
Organ to center	Cause	Approve	Accept	Refusal	Remarks	Inserted	Last changed
AR: Aarhus	12: Organ offer rotalls	P: Pending	P: Pending			29-Apr-2022 14:13	29-Apr-2022 14:13
CP: København	12: Organ offer rotalis	P: Pending	P: Pending			29-Apr-2022 14:13	29-Apr-2022 14:13
HE: Helsinki	12: Organ offer rotalis	P: Pending	P: Pending			29-Apr-2022 14:13	29-Apr-2022 14:13
ML: Malmö/Lund	12: Organ offer rotalis	P: Pending	P: Pending			29-Apr-2022 14:13	29-Apr-2022 14:13

Possible exchange obligations

Below the Exchange summary possible exchange obligation recipients are now listed for all organ types

	30.00	dination Donation					
oordination	Allocation P	ayback Organ of	fer Organ QC				
Allocate an org	an						Prir
Organ typ	2	Status					
				Exchange summary			
		Kidney	obligation: Latest sea	rch performed 21-APR-22	resulted in 0 obligations		
		Kidne	ey payback: 0 category	1 out of 0			
	Liver b	ant and lung urgant	uniting lists 2 APO as	ceptable (0 identical) o	ut of 2		
	Livel, n	eart and lung urgent	walung list: 3 ABU aC	ceptable (o identical) o	4015		
	Pedial	tric liver and visceral	waiting list: 13 AB0 ao	ceptable (8 identical) out c	of 18, liver quality group: E:	xtended	
		Liv	er payback: 0 category	1 out of 1			
					0		
				1 out of 1 eptable (0 identical) out of	0		
					0		
	Priority			eptable (0 identical) out of	0 Scandianumber	ABO	Donornumber
		Liver kin	d requests: 0 AB0 acc	eptable (0 identical) out of Exchange options		AB0 AB	Donomumber
	1	Liver kin	d requests: 0 AB0 acco	eptable (0 identical) out of Exchange options Treatment			Donornumber

Total list of possible exchange obligations for all organ types

Additional liver measurements and requirements on recipients

Additional fields to register details about liver size measurements have now been added for patients on the liver waiting list

			Liver Waiting	list			
Waiting For Liver Number:	1	_		Priority:			*
Recipient anterior-posterior diameter:	cm			National priority date:	02-May-2022	_	
Max acceptable anterior- posterior diameter:	cm			Max acceptable transverse diameter:	cm		
Liver requirements:		*		Max split volume:		ml	
Special requirements:							
MELD Score:				Child-Pugh Score:			

Removal of recipient 'Transplantation history'

With references to the last newsletter the office has received no objections, so the 'Transplantation history' line has now been removed from display in 'All recipients'.

New STAMP/LAMP report

A new update version with new layout of the STAMP/LAMP report is now launched in production. The report is extracted from the recipient waiting list record.



DP0101,0501,1101,1301,1501,1901,2301; DPA02,03; DQ4,7; DQA03,04,05,06; DR8,15,17,18; DRB3*03)

		STAMP					
Determination Method		LUMI	LUMI				
Stamp Id		4653	4653				
Date of acceptance	Status	A: Active	Sign up	N: No			
	Acce	ptable mismatches					
HLA-A		1, 2, 26, 29, 30, 31, 3	3, 34, 36, 43, 66, 68, 69, 7	4, 80			
HLA-B		7, 8, 18, 27, 37, 38, 39, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 5 59, 60, 61, 62, 63, 64, 65, 67, 71, 72, 73, 75, 76, 77, 78, 81, 82					
HLA-Cw		2, 5, 7, 8, 9, 10, 14, 1	2, 5, 7, 8, 9, 10, 14, 16, 17, 18				
HLA-DR		8, 15, 17, 18					
HLA-DQ		4. 7					
HLA-DP		0101, 0501, 1101, 13	01, 1501, 1901, 2301				
HLA-DRB3/4/5		3*03					
HLA-DQA		03, 04, 05, 06					
HLA-DPA		02, 03					
Comments							