



News from Scandiatransplant office

April 2021

Introduction

Headlines

- Updated version of infection guidelines
- 'Fusion to YASWA' software updates
- Different time zones
- Liver waiting list additional parameters
- Infection sample date on the waiting list
- New STAMP/LAMP QC
- Count down on urgent liver patients
- Blood pressure in kPa
- Height and weight on deceased donors
- New national rotation list for Sweden

Database update
April 7th, 2021

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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**Donor lungs and
SARS-cov-2 test**

Updated version of Infection guidelines

The [Guidelines for prevention of transmission of infectious diseases from organ donors to recipients](#) have been

updated with an additional Covid-19 addendum:

'A case of confirmed transmission of SARS-cov-2 from deceased lung donor to recipient has now been reported (doi: 10.1111/AJT.16532) In view of this, if donor lungs are procured in areas with high rates of SARS-CoV-2 transmission, it is recommended that donor samples be taken not only from the nose and throat, but also from the lower respiratory tract, acquired by bronchial wash using bronchoscopy or by unguided tracheal suction.'

**Information about
version updates**

'Fusion to YASWA' software updates

When new versions of the 'Fusion to YASWA' software are launched the user gets notified about updates when they launch the transfer app., we recommend that these updates are installed.

On the homepage you can get an overview of the version history:

<http://www.scandiatransplant.org/Documentation/fusion-to-yaswa-overview-of-versions>

Some centers have had problems with running the updates, due to warnings about the program missing a valid and trusted certificate.

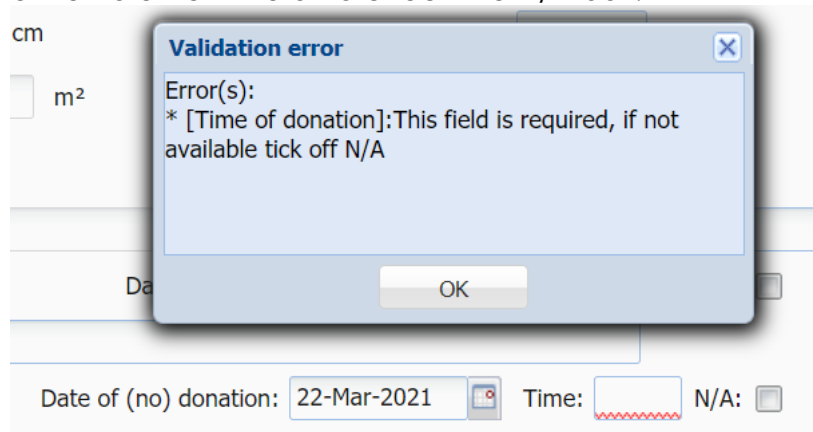
We have now made it possible to install a main certificate that will ensure that programs signed by the Scandiatransplant office is trusted by the client pc and do not raise warnings. A short description and a link to download the certificate is found here:

http://www.scandiatransplant.org/organ-allocation/fusion_to_yaswa_certificate.pdf

Different time zones

In the last update we informed about the fact that all time registrations are now stored in the same format in the database, which is Zulu/UTC-time (no summer-adjustments). In relation with each time field in the system we now introduce a 'N/A' checkbox (N/A = Not Available). When you enter a date with a time field it is now obligatory either to enter time or to check the N/A box.

New time N/A checkbox



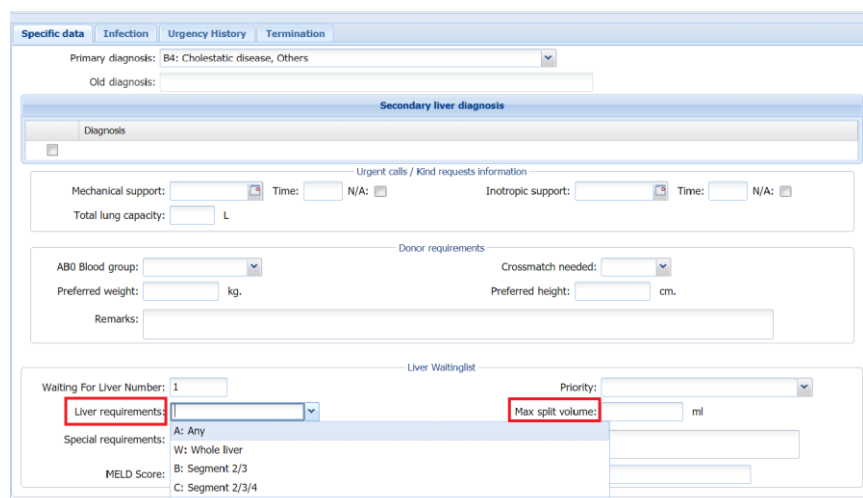
The screenshot shows a web form with a date field set to '22-Mar-2021' and an empty time field. A 'Validation error' dialog box is open, displaying the message: 'Error(s): * [Time of donation]: This field is required, if not available tick off N/A'. Below the dialog, the 'N/A' checkbox is checked.

If you have checked the N/A box and wish to enter time you just uncheck the N/A box and the time field will appear again.

Liver waiting list additional parameters

On patients waiting for a liver two additional variables have been added 'Liver requirements' and 'Max split volume'. The new fields are especially relevant for recipients on the pediatric liver waiting list.

Additional fields for liver requirements



The screenshot shows a 'Liver Waitinglist' form. The 'Liver requirements' dropdown menu and the 'Max split volume' field are highlighted with red boxes. The form includes sections for 'Secondary liver diagnosis', 'Urgent calls / Kind requests information', and 'Donor requirements'.

Infection sample date on the waiting list

On all waiting list entries you are now able to enter a sample date on infection tests. The date field is not obligatory, but can for instance help you to keep track of when at patient was tested Covid-19 positive.

Sample date

Infection tests			
Infection code	Result	Date of test/sample	Date uncertainty
CMV: Anti-CMV (Cytomegalovirus)	-: Positive		<input type="checkbox"/>
CovAb: Anti-SARS-CoV-2 (Covid-19 antibody)	ND: Not done		<input type="checkbox"/>
CovId: SARS-CoV-2 RNA (Covid-19)	ND: Not done		<input type="checkbox"/>
EBV: Anti-EBV IgG (Epstein-Barr)	ND: Not done		<input type="checkbox"/>
HBC: Anti-HBc (antibody)	ND: Not done		<input type="checkbox"/>
HBsAb: Anti-HBs (antibody)	ND: Not done		<input type="checkbox"/>
HBsAg: Hepatitis Bs antigen	-: Negative		<input type="checkbox"/>
HCV: Anti-HCV (antibody)	-: Negative		<input type="checkbox"/>
HCVAg: Hepatitis C antigen (RNA)	ND: Not done		<input type="checkbox"/>
HDV: Hepatitis Delta Virus (antibody)	ND: Not done		<input type="checkbox"/>
HIVAb: Anti-HIV (antibody)	-: Negative		<input type="checkbox"/>
HIVAg: HIV antigen	-: Negative		<input type="checkbox"/>
HSV: Anti-HSV (antibody)	ND: Not done		<input type="checkbox"/>
LUES: Syphilis antibody	ND: Not done		<input type="checkbox"/>
MV: Anti-MV IgG (Morbilli virus antibody)	ND: Not done		<input type="checkbox"/>
TOMO: Toxoplasma antibodies	ND: Not done		<input type="checkbox"/>
VZV: Varicella zoster virus	ND: Not done		<input type="checkbox"/>

Infection comments:

New STAMP/LAMP QC

Today we have introduced a new check for 'No identified AB in own HLA'.

The QC check is a comparison between all identified antibodies and the recipients own HLA type.

If there is no identified antibodies against own HLA type the conclusion is Yes(No identified AB in own HLA) in green.

If identified antibodies are also found as own HLA the conclusion is 'No(specification of which allele)' in orange.

Check for antibodies against own antigens

Specific data	Infection	LAMP	LAMP QC	STAMP	STAMP log	STAMP Aux	STAMP QC	Urgency History	Termination
Quality control - STAMP preconditions									
TS <= 2%	Yes (.1%)								
HI PRA >= 80% at present	Yes (HI Highly immunized)								
Most recent PRA < 3 months	Yes (03-MAR-2021 0 months 19 days)								
HI >= x2 > 3 months	Yes (over 8 months 8 days)								
Correct HLA typing resolution	Yes (A 24,33; B 7,18; Cw 7,7; DR 15,15; DQ 5,5; DPB1 *0301,0901; DQA1 *0101,0102; DPA1 *0201,0202; DRB *5*0101,5*0108N)								
Acc. mm. splits	No (Cw *3;)								
Id. antib. splits	Yes (All identified antibodies are splits)								
No identif. AB in Acc. mm.	Yes (No identified AB in AM)								
No identif. AB in own HLA	No (A*24)								
Consistent Sero/Geno HLA	Yes (Consistent Sero/Geno HLA)								
All HLA checked	Yes (All HLA checked)								

**Automated change
of urgency**

Count down on urgent liver patient

When a liver patient status is changed to high urgent (HU) it should be removed again after 72 hours if it has not already been terminated from the waiting list.

Each day at 09:55 CET a check is done, if a patient has been on the urgent list for more than 72 hours urgency is automatically change to kind request (RQ).

SMS and e-mail is sent to all coordinators, as if the withdrawal was done manually.

Blood pressure in kPa

On deceased donors you are now able to enter both systolic and diastolic blood pressure in mmHg and kPa and there is auto conversion between the two different units. In the overview each center should have 'their own' unit displayed.

Height and weight on deceased donors

The data entry fields for height and weight on deceased donors have been shifted around, so that height comes before weight.

New national rotation lists for Sweden

All users with at tx center relation to Sweden and access to the 'Donor' menu now have access to a new menu 'Sweden rotation'.

This menu gives access to the Swedish rotation lists on liver and pancreas.

National rotation list

