



## News from Scandiatransplant office

April 2020

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*Database update  
April 6th 2020*

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### Introduction

#### Headlines

- Covid-19 registration
- Next STEP match run
- HLA DRB3/4/5, DQA1 and DPA1 matching in STAMP and LAMP

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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**First steps in YASWA to follow Covid-19**

## Covid-19 registration

The current situation with Covid-19 has great impact on the transplantation activity, patients transplanted and in the transplantation community in general. In this context it is important that we do our best in sharing knowledge and experience.

At the moment a lot of brainstorming is going on to figure out what data would be interesting to have to follow the patients and the first initiatives have been taken in YASWA to register and follow the Covid-19 situation. If you have questions or wishes for registration, please don't hesitate to contact the office.

### Donor

On all donors you are now able to register test results for Covid-19 RNA. If data has been entered it will be included when sending out organ offers.

The screenshot shows the 'Deceased donor registration' interface. At the top, there are fields for Donor number (1), Sex (M: Male), Hospitalized in (DK: Denmark), Citizenship of (DK: Denmark), Birth-date, Person Number, Age in years at donation (49), Donor name (Test Test test Test Test Test), and Temporary ID. Below this is a navigation bar with tabs: Basic, Infection, Laboratory tests, Medical info, Blood gas & vent, Medication, HLA, Organ proc., Organ offer, Organ QC, Files, and cCDC. The 'Infection' tab is active, displaying a table of serology codes and results.

Serology Code	Result
CMV: Anti-CMV (Cytomegalovirus)	+: Positive
CovAb: Anti-SARS-CoV-2 (Covid-19 antibody)	-: Negative
Covid- SARS-CoV-2 RNA (Covid-19)	ND: Not done
EBV: Anti-EBV IgG (Epstein-Barr)	ND: Not done
HBc: Anti-HBc (antibody)	ND: Not done
HBsAb: Anti-HBs (antibody)	ND: Not done
HBsAg: Hepatitis Bs antigen	ND: Not done
HCV: Anti-HCV (antibody)	ND: Not done
HCVAg: Hepatitis C antigen (RNA)	ND: Not done
HDV: Hepatitis Delta Virus (antibody)	ND: Not done
HIVAb: Anti-HIV (antibody)	-: Negative
HIVAg: HIV antigen	-: Negative
HSV: Anti-HSV (antibody)	-: Negative
LLIS: Syphilis antibody	ND: Not done
MV: Anti-MV IgG (Morbilli virus antibody)	ND: Not done
TOMD: Toxoplasma antibodies	-: Negative
VZV: Varicella zoster virus	ND: Not done

Donor Covid-19 result is included in all existing reports already holding donor infection results.

### Recipient pre-tx

Registration of Covid-19 RNA and antibody test results are now also possible for all patients waiting for a transplantation.

The registration is done on the waiting list record (Recipient -> All recipients) along with all other infection parameters.

The screenshot shows a dropdown menu for recipient selection. The menu is open, showing options: Transplantation, Pediatric liver and multivisceral waiting list, Urgent waiting list, Kind requests, STEP match run, All Recipients, and another partially visible option. The 'All Recipients' option is highlighted in blue.

If needed you are also able to search forward patient on the waiting list with a positive infection status:

### Recipient post-tx

If you would like to register Covid-19 status on patients that have already received an organ transplant you can do so through the transplantation menu.

**Registration of  
infections post tx  
added today**

Select the most recent transplant and do the infection status registration in the 'Post tx infection' tab. Sample date can be entered in the 'Date of test/sample' column

Serology Code	Result	Date
CMV: Anti-CMV (Cytomegalovirus)	ND: Not done	
CovAb: Anti-SARS-CoV-2 (Covid-19 antibody)	ND: Not done	
Covid: SARS-CoV-2 RNA (Covid-19)	ND: Not done	
EBV: Anti-EBV IgG (Epstein-Barr)	ND: Not done	
HBc: Anti-HBc (antibody)	ND: Not done	
HBSAb: Anti-HBs (antibody)	ND: Not done	
HBSAg: Hepatitis Bs antigen	ND: Not done	

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**Update on the homepage**

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**Reports**

To follow the number of patients infected with Coronavirus after transplantation the Scandiatransplant office will weekly update a dedicated table on the homepage:

<http://www.scandiatransplant.org/data/covid-19-status-in-scandiatransplant>

The numbers presented in the table will be based on the registrations made in YASWA. Layout and content might be modified a long the way, depending on requests.

**STEP**

**Next STEP match run**

Due to the Covid-19 Coronavirus outbreak the STEP steering committee has decided to cancel the planned STEP match run April 21<sup>st</sup> 2020.

The next match run will be September 1<sup>st</sup> 2020,

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**Update on STEP match run**

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**Blood samples on STEP donors**

The guidelines specifying STEP donor sample blood volume, coagulants and labelling have been updated, the new version is found on the [homepage](#).

**HLA DRB3/4/5, DQA1 and DPA1 matching in STAMP and LAMP**

Matching on low resolution HLA DRB3/4/5, DQA1 and DPA1 in the STAMP and LAMP programs will be introduced in production April 15th 2020.

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**New algorithm April 15th 2020**

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