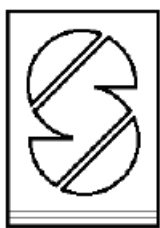


Information system for Stem Cell Registries – Donor
Centers – Transplant centers

Prometheus

Part 1 : Donor and Cord Blood management



Steiner



Marrow Donor Program Belgium – Registry

User documentation MDPB-R Version 7.0 (October 2020)



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PROCEDURE – Prometheus manual Donor Center

Version control

Describe briefly the changes made between versions:

Date	Author	Version	Comment
April 2014	H. Broos	3.0	
April 2018	H. Broos	4.0	Updates in green, overview see page 5.
May 2019	H. Broos	5.0	Updates in green, overview see page 5.
June 2020	H. Broos	6.0	Updates in yellow, overview see page 6.
October 2020	H. Broos	7.0	Updates in blue, overview see page 6.

Distribution

The table below lists all individuals who received a copy of this new version.

Function	Department - Institution
MDPB-R Staff	MDPB-R
Posted on the https://www.stemcelldonor.be/professionals/	All MDBP cooperative centers

Approval

Final version of this procedure will be approved by:

Department - Institution	Function	Name	Approval date	Signature
MDPB-R	Project leader Prometheus	H. Broos	25/10/2020	

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Changes – upgrade version 2.0 – September 2013.

Change in window panel (user interface/screen-layout).

Other changes

Changes – upgrade version 3.0 – April 2014.

New EMDIS connections. (since 10- 02-2014)

EN: British Bone Marrow Registry / British Bone Marrow Registry – cord blood

RO: Romanian Registry of Hematopoietic Stem Cells Voluntary Donors

Donor manual : Initial validation date for donors available.

Maximum of 10 selected donors is stored in the Select button history.

Reminder option for confirmatory typing results (reminder button in the SMP-ARR button).

Changes – upgrade version 4.0 – May 2018.

New CITRIX version.

IV.VIII. EMDIS connections.

II.III. 2. Panel on second row: additional tab “Messages” “Requests”.

II.IV. New donor

ION: prefilled : 4201 (the ION Issuing Organization number) assigned by the ICCBBA.

EMDIS Ethnic: donor Ethnic Group.

II.VI. HLA Data typing history. (typing updates are logged and discrepant typings are better illustrated).

III. Cord Blood. EMDIS cord project, extended Cord dataset.

IV.III.2. Sample request: new option: New sample info.

New WMDA reports.

New EMDIS reports.

(Comment: on request of other registries using Prometheus the patient name is replaced by Hidden when printing the EMDIS messages - for GDPR reasons – General Data Protection Regulation). (The patient name is available when printing the WMDA report).

Changes – upgrade version 5.0 – April 2019.

NEW items are highlighted in green.

GRID: implementation of GRID code – GRID codes are upload to BMDW, so that both the old donor code and the GRID codes are available in the WMDA search system. There is no impact on the search-workup communication – the existing donor code will still be used in the workflow.

WMDA collaborated with [ICCBBA](#) (*International Council for Commonality in Blood Banking Automation*) to create a system for assigning a globally unique identifier for potential volunteer blood stem cell donors.

Changes – upgrade version 6.0 – June 2020.

NEW items are highlighted in yellow.

Page 35:

Donor category: prefilled “not available for EMDIS till validation.

After validation it changes to: Registry donor.

Donor report: Grid code is printed.

Changes – upgrade version 7.0 – October 2020.

All changes as a result of the GRID adaptation are highlighted in blue.

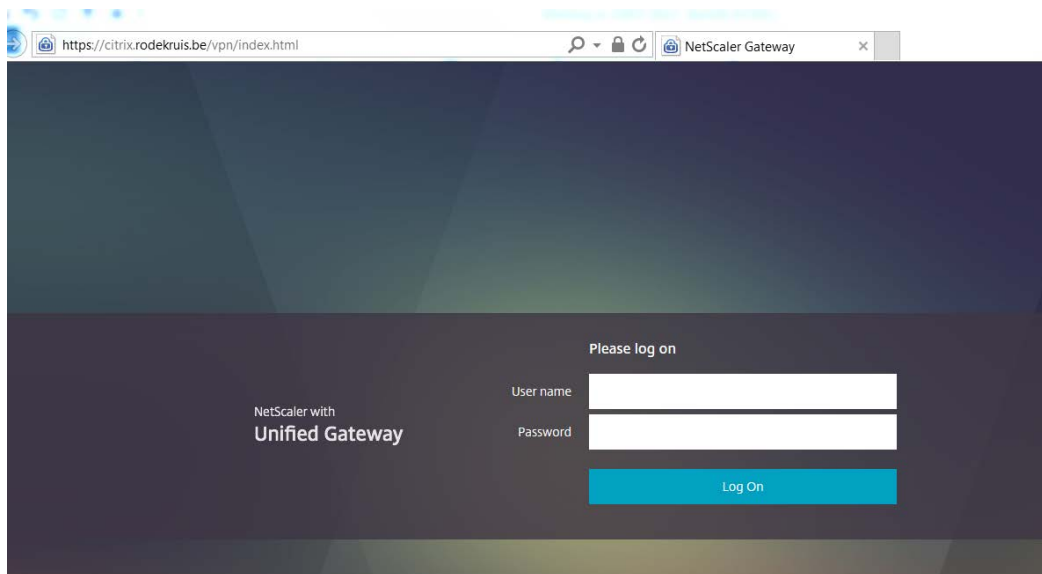
I. INTRODUCTION

I.I. PROGRAM START

I.I.1. Program start up

To start the application you need a Citrix username and password and a Prometheus password.

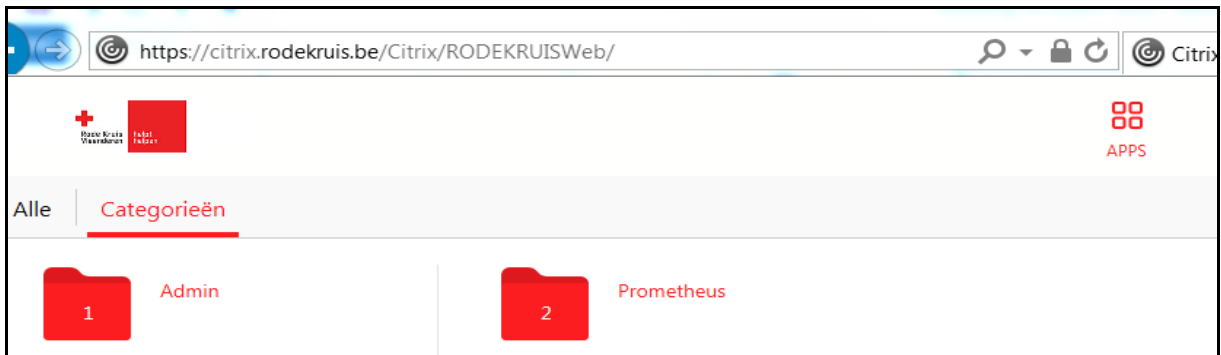
To login go to <https://citrix.rodekruijs.be> and enter your Citrix username and password:



In case you have problems, you need to install the receiver first:

<https://www.citrix.nl/products/receiver/>

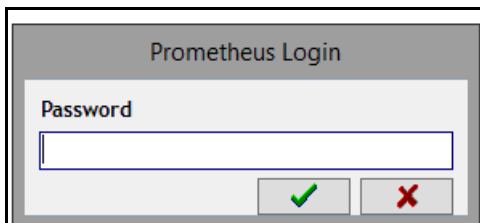
After successful download, the following screen will be displayed: select **Prometheus**:



Select Prometheus **Productie**:



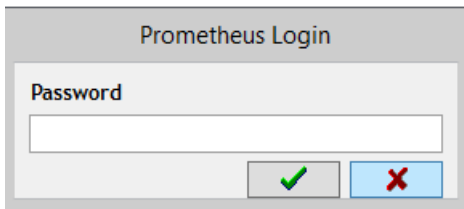
The following screen will be opened, enter your Prometheus login:



I.I.2. Login

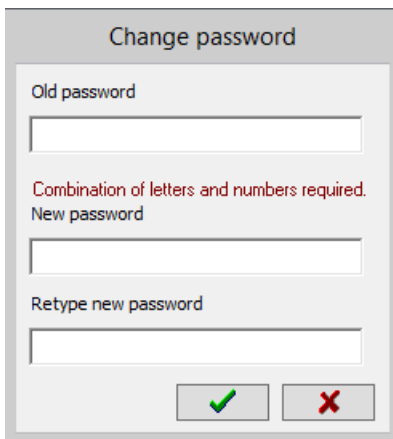
You have 3 attempts to enter the right password. When the third attempt in a row fails, the user account will be locked. The user has to ask the Registry coordinator to unlock the account . When the ID and the password are correct the program will initialize and the main program window screen will be displayed.

FIRST LOGIN



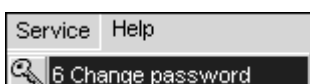
To access the application for the first time, please log in by entering the password type “**23 23**” (23space23) that was sent to you. You will be required immediately to change your password. Your new password must be in format **23 shoe1** (23spaceshoe1). (combination of letters and numbers required).

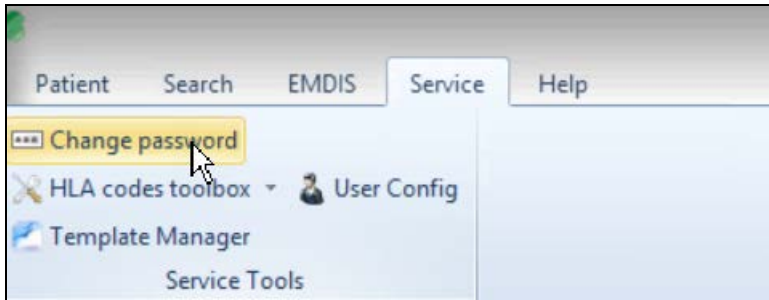
23spaceshoe1).



I.I.3. User password change

Go to **SERVICE** and select “**Change password**” to change your password:





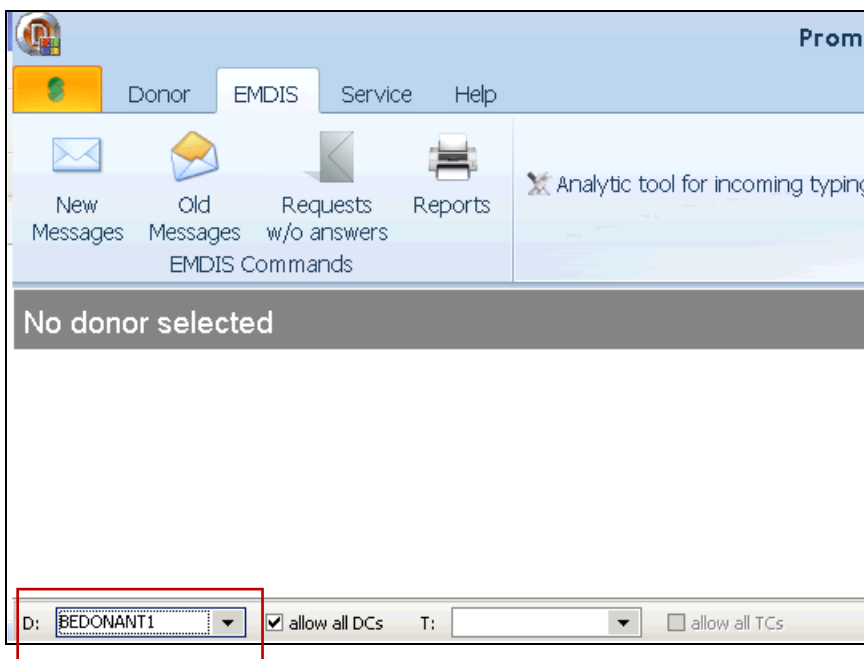
Enter your present password, a new password and confirm the new password.

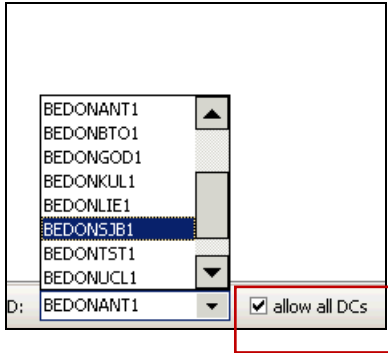
A screenshot of the 'Change password' dialog box. It contains three text input fields: 'Old password', 'New password', and 'Retype new password'. Below the 'New password' field, there is a red error message: 'Combination of letters and numbers required.' At the bottom of the dialog, there are two buttons: a green checkmark button and a red 'X' button.

I.I.4. Multiple access rights

Some users have rights for multiple Donor Centers. When logging in you will be guided to one Donor Center, it is however possible to change the Donor Center without ending the application.

Select the arrow to change the Donor Center.

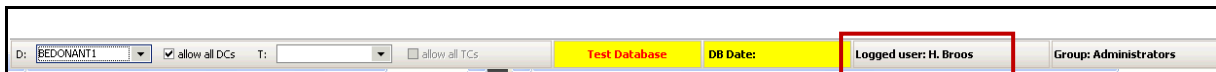




Allow all DCs – this check-box allows the user to work simultaneously with data from all Donor Centers he has access to.

Select the arrow to change the active center, you can switch between Donor Centers, Transplant Centers, Cord Blood Banks. You can simultaneously display data from multiple Donor Centers or multiple Transplant Centers. A mix between donor and Transplant Center however, is not possible.

User Box – The user box shows the name of the person currently logged into the system, below the user group.

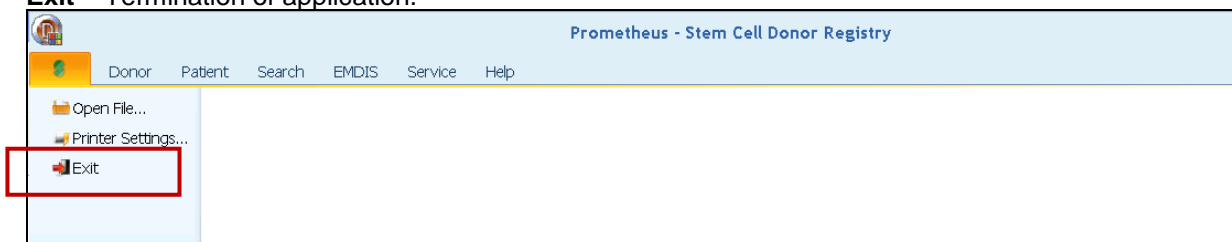


Double blind data entry includes data typed by one individual, then typed by a second individual, with the computer comparing each difference. Differences are noted in red after pressing the “check all” button. In Prometheus the profile “single managed” have rights to enter and validate HLA typing data.

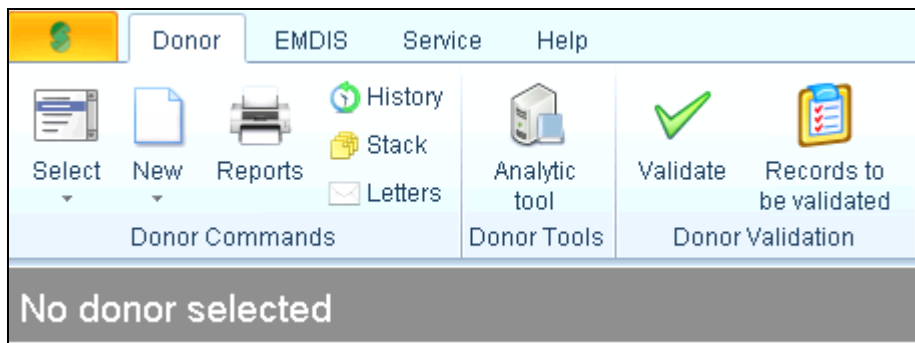
We have 2 profiles:

- * person with only **registration** rights
- * person with **registration and validation** rights

Exit – Termination of application.

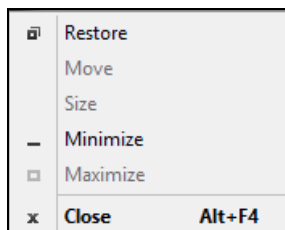


I.II. MAIN PROGRAM WINDOW



The upper part of the panel exists of the following menu options:

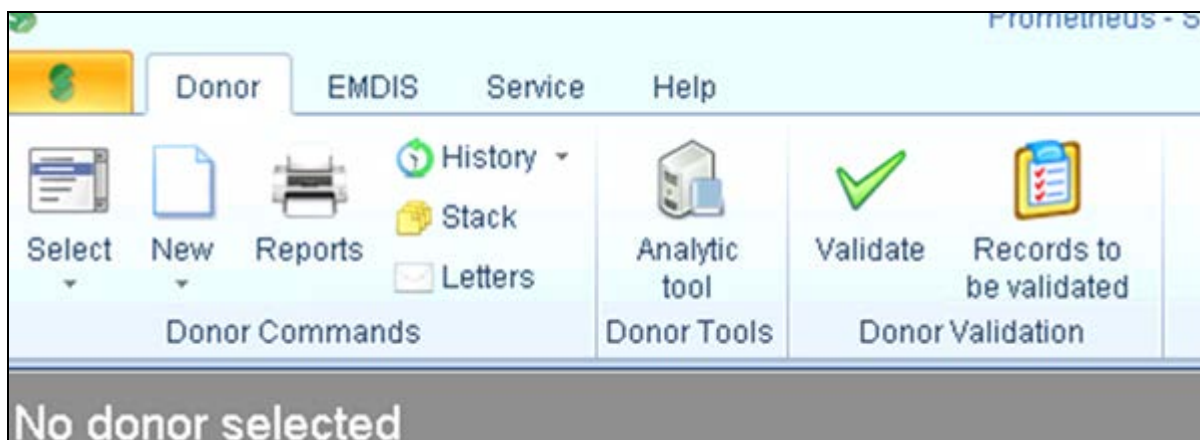
I.II.1.1. File



Minimize – minimizes your window screen

Close – lets you end the session

I.II.1.2. Donor



The donor program functions are available in menu “Donor”. Via Select or **(F3)** the donor can be selected, via close or **(F2)** the donor record will be closed.

The currently opened record is automatically closed at shutdown of the program, as well as when opening a record of another donor.



The program remembers the last selected donors and can be opened via (use the small arrow below to the “select” button).



Use the command to create a new donor or **(Ctrl+N)**.



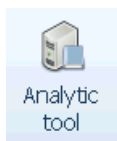
The **“History”** command displays the donor data change history.



allows you to validate updated typings of new registered donor typings.



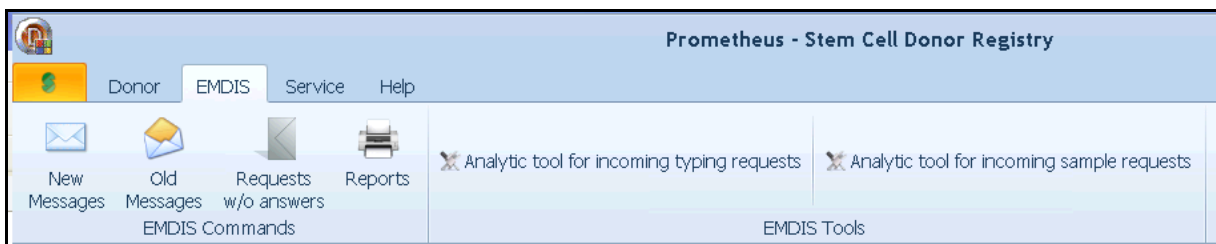
The command **(Ctrl+R)** offers you a list of donor reports.



Command opens the tool for donor analysis.

The donor menu will be explained in [chapter II. Donor menu](#).

I.II.1.3. EMDIS



“New messages” – “old messages” - allows you to view the arrival of new EMDIS messages and to display the old messages you already consulted.

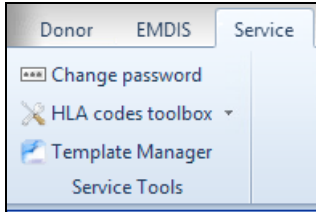
“Analytic tool for incoming typing requests” – “Analytical tool for incoming sample requests”

The use of analytic tools is further explained in [chapter II.X. Analytical tool](#).

“Reports” Allows you to print EMDIS reports.

“Requests without answers” Allows you to consult the pending requests.

I.II.1.4. Service

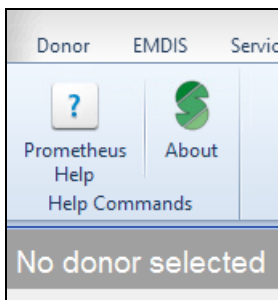


Change password – allows you to change your password.

HLA codes toolbox – allows you to consult the renamed and deleted alleles.

Template Manager – see addendum manual “Template Manager”

I.II.1.5. Help



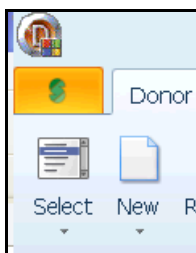
Prometheus Help – enables you to consult the Prometheus user documentation. (general from Steiner – not the Belgian version.) Not operational.

About – Prometheus version

I.II.2. Quick select buttons

I.II.2.1. Select donor

Select donor – the selection of a donor.



Click the „select “ button to go to the „donor select“ screen, the following screen will be opened:

The order of the select has been changed: GRID has been moved to the second position.



The GRID code will be the only identifier, but it is still possible to look up the donor records by using the old donor code (now called the secondary code).

You can search donors by several parameters:

➤ **Search by:**

- **Generated ID:** is the internal Prometheus ID
- **GRID NR:** Global Registration Identifier for Donors.
- Donor ID: the Syrenad code or code from the Cord Blood Bank
- **Local center ID:** Local center ID field.
- **Old ID:** ?
- **Personal number:** NA
- **Birthdate:** fill in year (YYYY), year and month (MMYYYY) or full date (DD/MM/YYYY)
- **Name:** fill in full name or several characters of last name (at least 3 characters needed).
- **Any identifier**

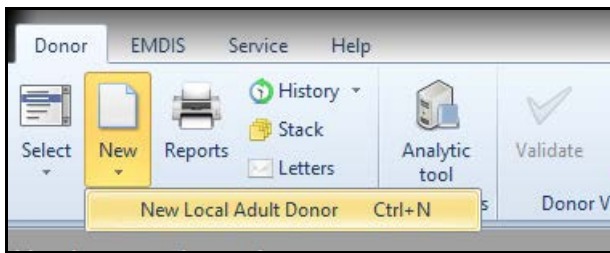
Note: new donors will be attributed a GRID code by Prometheus.

NEW FEATURE:

When you copy/paste the GRID code with spaces, the spaces will be removed:

4201 0000 0000 0167 306 -> 4201000000000167306

I.II.2.2. New donor



This menu selection allows you to register a new donor in the national database. The donor registration is explained in [chapter II.IV New donor](#).

I.II.3. Hot Keys

Table of keyboard shortcuts:

Hot key	Function	Hot key	Function
F3	Donor select	F2	Donor close
Ctrl-N	New donor	Ctrl-D	Donor edit
Alt-Q	Program shutdown	Esc	Option abort
Alt-X	Option confirm		

I.II.4. Behavior of input fields

I.II.4.1. Date field

- date format: “**dd.mm.yyyy**”, e.g. “26.01.2009”;
- press “**d**” for today’s date;
- type “**17**” to select day in actual month, e.g. January 17, 2009 (if current month is January and year is 2009);
- type “**17 6**” to select day and month in actual year, e.g. June 17, 2009 (if current year is 2009);
- type “**6 12 7**” to select December 6, 2007;
- **F3** for calendar selection.

I.II.4.2. Selection from static code list

- press **space** for next value;
- **F3** for selection by list, **Esc** to leave selection list;
- press **number** (0, 1, 2 or +, -) as shortcut of selection.



Male

- 0 Male
- 1 Female
- 2 Unknown

Cancel

I.II.4.3. Selection from dynamic code list

- Type **code** of the selection;
- **F3** for selection by list, type first **characters of code** to filter the list, **backspace** to clear filter, **enter** to confirm selection, **Esc** to leave selection list.

1st collection Source ?

Patient ID

Pat. name

Pat. registry ...

Edit Donor

1st collection Source ? Patient ID Pat. name Pat. registry ...

2nd collection Source ? Patient ID Pat. name Pat. registry ...

3rd collection Source ? Patient ID Pat. name Pat. registry ...

TX Comment

PageUp - previous page PageDown - next page

ID / Medical / Status / IX / Address / Sero / DNA / IDM /

Select BMDW registry code

Code	Description
AR	Argentina
ARCB	Argentina CORD
AM	Armenia
AUS	Australia
AUCB	Australia CORD #
A	Austria
ACB	Austria CORD
B	Belgium
BCB	Belgium CORD ##
LVCB	Belgium-Leuven CORD
BG	Bulgaria
CND	Canada-OneMatch
CNCB	China-Sinocord CORD
HR	Croatia
CY	Cyprus
CY2	Cyprus BMDR
CSCB	Czechia CORD
CS2	Czechia-Central BMDR
CS	Czechia-Czech BMDR
DK	Denmark
DK2	Denmark-BMDC
DUCCB	Duesseldorf CORD #

OK Esc

✓ ✗

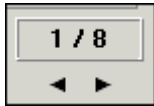
I.II.4.4. Form control



Pressing the **OK** button confirms data entry, changes will be saved in the database and the record will be closed. The command can also be called up by using the shortcut **Alt-X**.



This button is used to undo all the changes made to the current record.
MDPB SOP026 Prometheus manual Donor Center v7



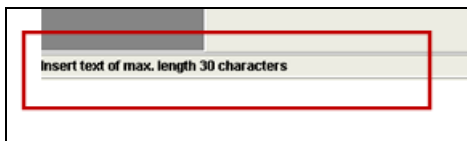
Most forms are multi-page forms, the arrow enables to browse between the different tabs.



Last name	<input type="text"/>
First name	<input type="text"/>

You can use enter, the down arrow or tab to go to the next field. (Shift-tab – the up arrow to go to the previous field).


The bottom part of the window screens gives you contextual help for data entry:





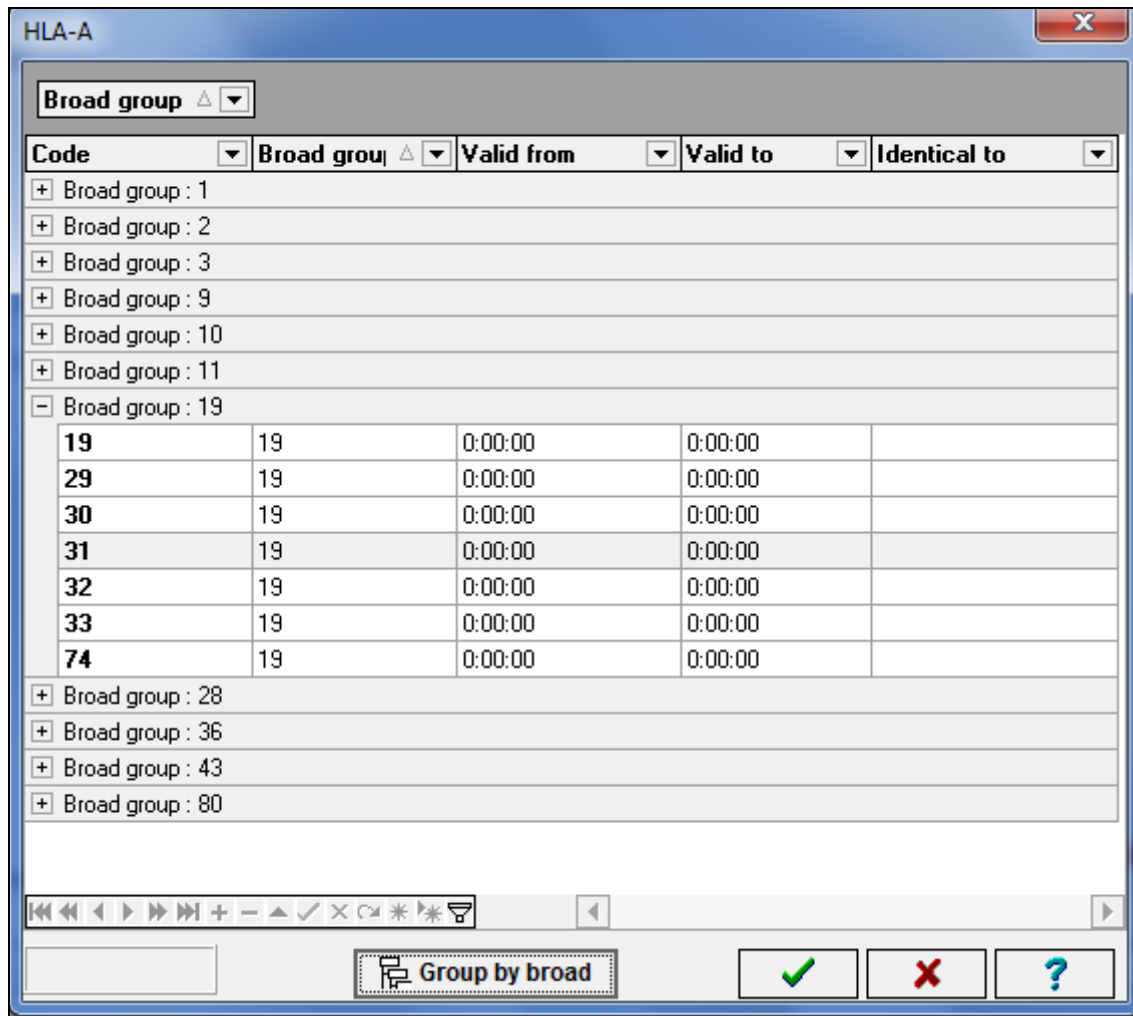
I.II.4.5. HLA DATA

I.II.4.5.a. Serology

The following screen is offered for serology typing, but it is not mandatory to enter serology if molecular typing is available.

List of valid values appear when clicking the dots  right from input field or by pressing **F3**.

Codes can be grouped by broad group  **Group by broad** or filtered by custom criteria 



Group by broad view

I.II.4.5.b. DNA typing results

Enter high resolution code, XX code or MAC code. System warns you when you enter an invalid code or a code not matching serology.

DNA typing results respect the new nomenclature. When entering a value in an old format (e.g. 0301) system corrects it automatically to the new format (e.g. 03:01).

Values as 1, 01, 01xx, 01XX, 01:xx are automatically changed into 01:XX. Values as 701 are automatically changed to 07:01.

Type 1301-4 6 8 10 for B*13:VVS = B*1301/1302/1303/1304/1306/1308/1310.

Codes are automatically converted to MAC:

A* „0101/0102“ to 01:FWEY

A* „0101/2“ to 01:FWEY

A* „0101 2“ to 01:FWEY

B* „1301-4 6 8 10“ to 13:DMYV

Valid codes are updated each four days.

Note: Serology or search determinant are not needed in Prometheus: the serology or search determinant will be removed when migrating donors and cord bloods to Prometheus : if the molecular value is available, the serology or search determinant will not be migrated.

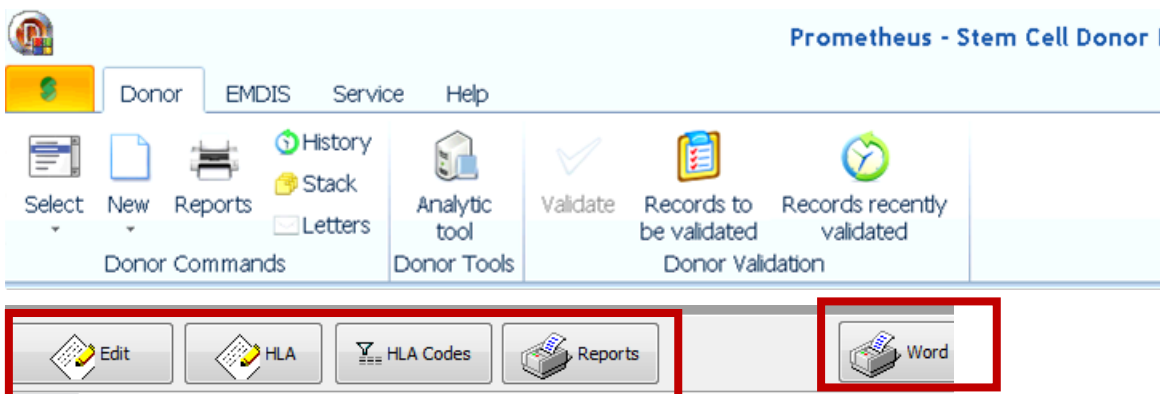
When doing a **typing update** the serology must be removed when entering a molecular value.

Regular serology removal will be performed by the Registry.

DNA Typing results view

I.III. WORK PANEL DONOR

I.III.1. Upper panel



Edit: this button allows you to enter and edit the donor's data.

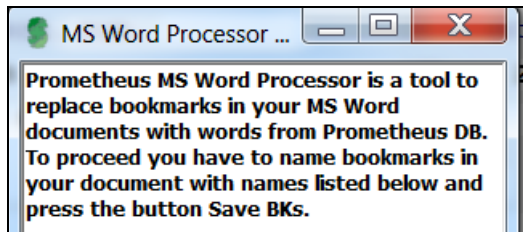
HLA: data typing history

HLA codes: allows you to consult the renamed and deleted alleles

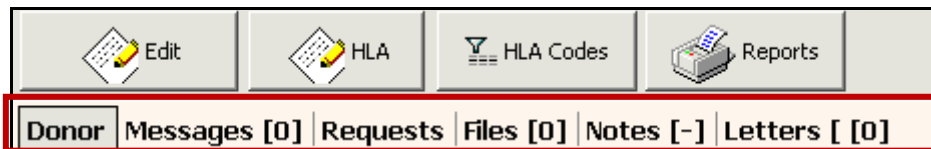
Reports: this button opens the donor reports application.

Word :

New is the MS word processor.(not implemented in MDPB).



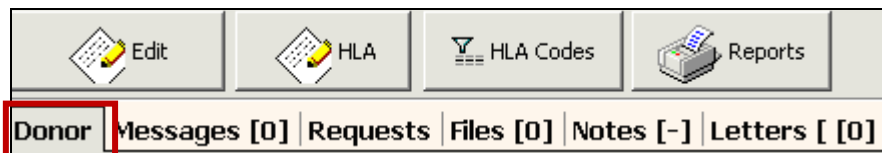
I.III.2. Panel on second row



The donor data consists of 5 tabs: **Donor record**, **Messages**, **Requests**, **Files**, **Notes**, **Letters** (New)

Letter History (will be explained in additional manual "letter templates").

I.III.2.1. Donor record



The **Donor Record** tab shows the basic information of the donor, also available in the different tabs when editing the donor record. ([Chapter II.III. Donor edit](#)).

At the bottom of the window screen will be indicated:

Record changed on: last change of the record : date – time – user

Record inserted on: date when record inserted

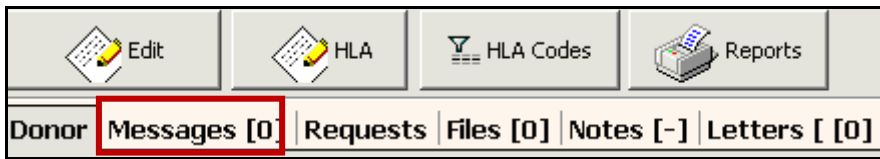
HLA/DNA validated on: date when the HLA/DNA data have been validated
(after first registration or hla typing update) – time – user

First validation: date of first validation

If the record has not yet been validated, the text **HLA/DNA to be validated** will be highlighted in red, or when the typing validation failed, **failed HLA/DNA validation**, waiting for a typing update.

I.III.2.2. Messages

The “Messages” tab allows you to see all specific EMDIS messages received for this donor.

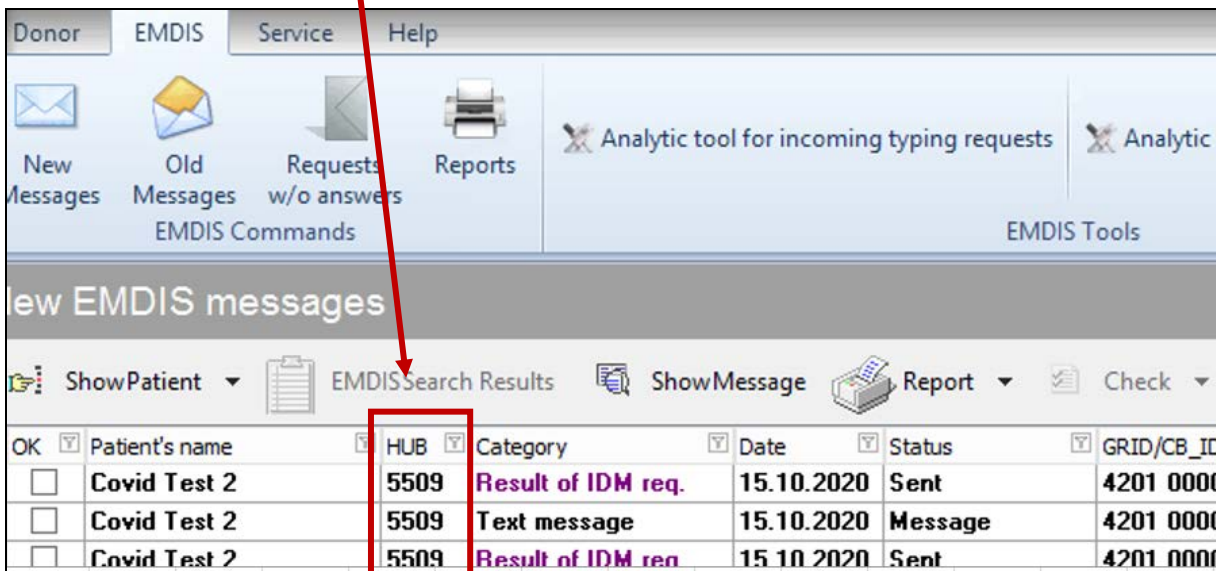


The old “EMDIS messages” tab has been expanded by 2 different tabs: “Messages” and “Requests”.

The tab “Messages” will list all incoming and outgoing messages as in the previous “EMDIS messages”.

HUB	Category	Date	Status	Patient ID
US	Result of IDM req.	25/05/201	Prepared to send	
US	Result reminder	7/02/2014	Prepared to send	
US	Message acknowledg	15/05/201	Received	
US	Sample arrival date	15/05/201	Sent	
US	Sample request	14/05/201	Received	

New in version 188: **the ION CODE** will be displayed in the HUB instead of the Country code.



The ION Codes are available on:

<https://share.wmda.info/display/WMDAREG/Database>

I.III.2.3. Requests

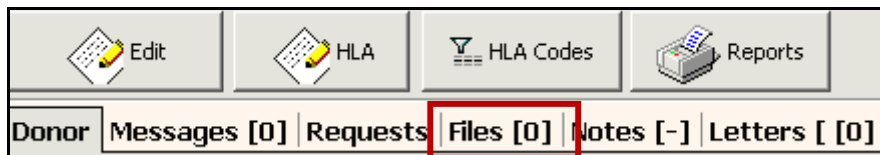


The tab “Requests” lists the different requests you received and the status of the request:

Request Type	Request Status	HUB	Patient ID	Request	Result DC
Sample request	Received	US		SMP_REQ 14/05/2013	

I.III.2.4. Files

It is possible to attach external files to a donor record: open the donor record and select the “Files” tab in the donor work panel.



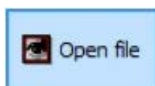
You can upload Excel, Word and PDF files, e-mails, pictures, ... by selecting the button “New file”.



Table description:

- **File name column:** the name of the file, as it was imported;
- **Description:** a short text description of the file;
- **Date edit:** date and time of last change;
- **Edited by:** name of the user that made the last change.


File management:

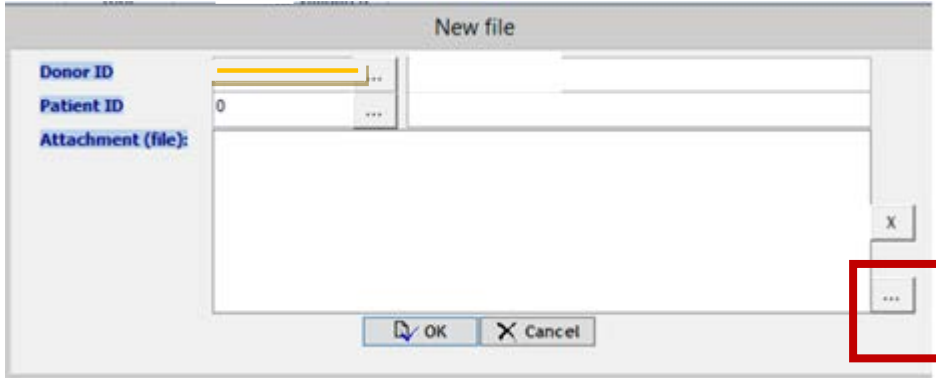


Open file button: open the highlighted file in the attached files table.

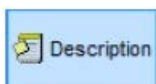
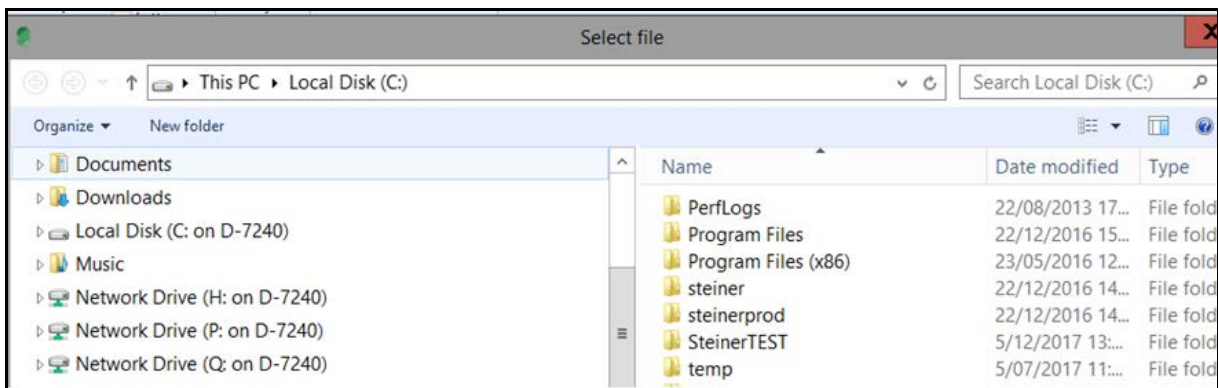


New file button: attach a file to the donor record.

Click on  to open the "Select File" window screen:



And browse for the document you wish to upload:



Describe file button: enter a text description of the file highlighted in the attached files table.



Update file button: replaces the highlighted file in the attached files table with a new or updated version of the document.

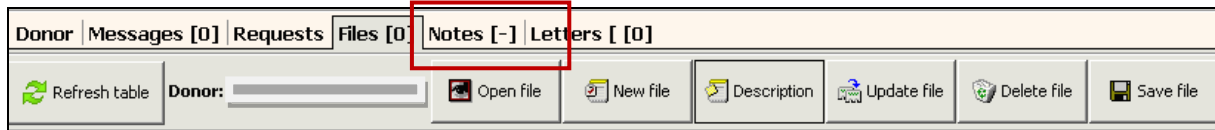


Delete file: delete the highlighted file in the attached files table.



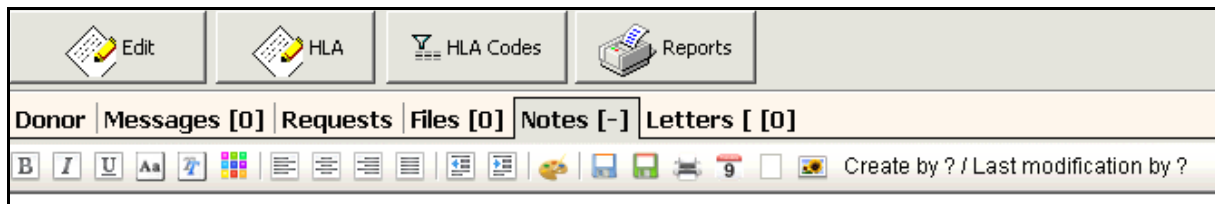
Save file: save a copy of the highlighted file in the attached files table on your pc.

I.III.2.5. Notes



It is possible to add an unlimited free text note to the donors records. The text can be edited with the similar tools as available in Windows Word pad.

Select the **“Notes”** tab to open the window screen. .



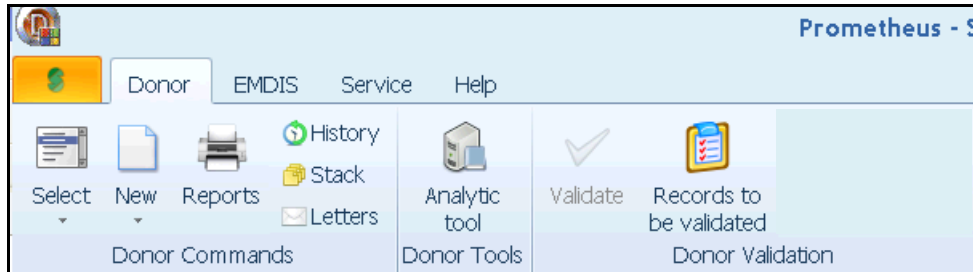
To add a note, type the text.

To export or save the note to a different location, use the “save” icon on the tool bar. The text will be saved as a text file.

I.III.2.6. Letters

Is explained in the Addendum Letter template manager 4.0. 2017.

II. DONOR MENU



II.I. DONOR SELECT

The select option is explained in [chapter I.II.2. Quick select buttons](#).


II.II. DONOR CLOSE

Select Donor Close or F2 or press  to end the donor editing.

II.III. DONOR EDIT – CONSULTATION – UPDATE OF DONOR

Edit can be used for consulting the donors record, change donor data (medical data – availability - address coordinates – HLA data) and cancel the donor from the national database.

If there is a change of HLA data (sero – DNA) the record must be validated. Validation rules are explained in [chapter II.VII. Validate](#).

Press  to open the donors record: the ID tab will be opened (other tabs are Medical – Status – TX – Address – Sero – DNA – IDM). You'll find more detailed information in next [chapter II.IV. New donor](#).

New : the GRID code:

WMDA collaborated with [ICCBBA](#) (*International Council for Commonality in Blood Banking Automation*) to create a system for assigning a globally unique identifier for potential volunteer blood stem cell donors. This was needed to facilitate communication and prevent errors in identification of donors (not applicable for cords).

First part: ION for Belgium is 4201

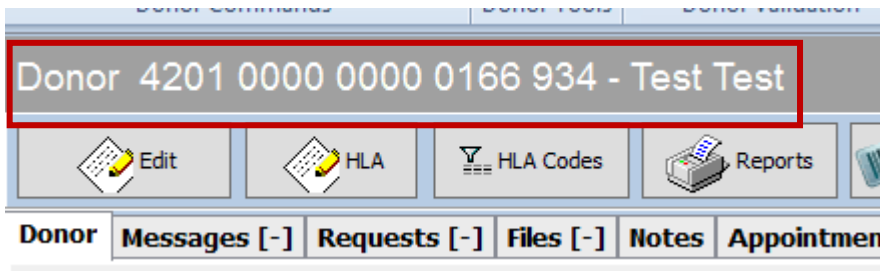
Second part: 13 digits:

= the internal Prometheus code of the donor record prefilled with leading zeros as the code is shorter than 13 digits.

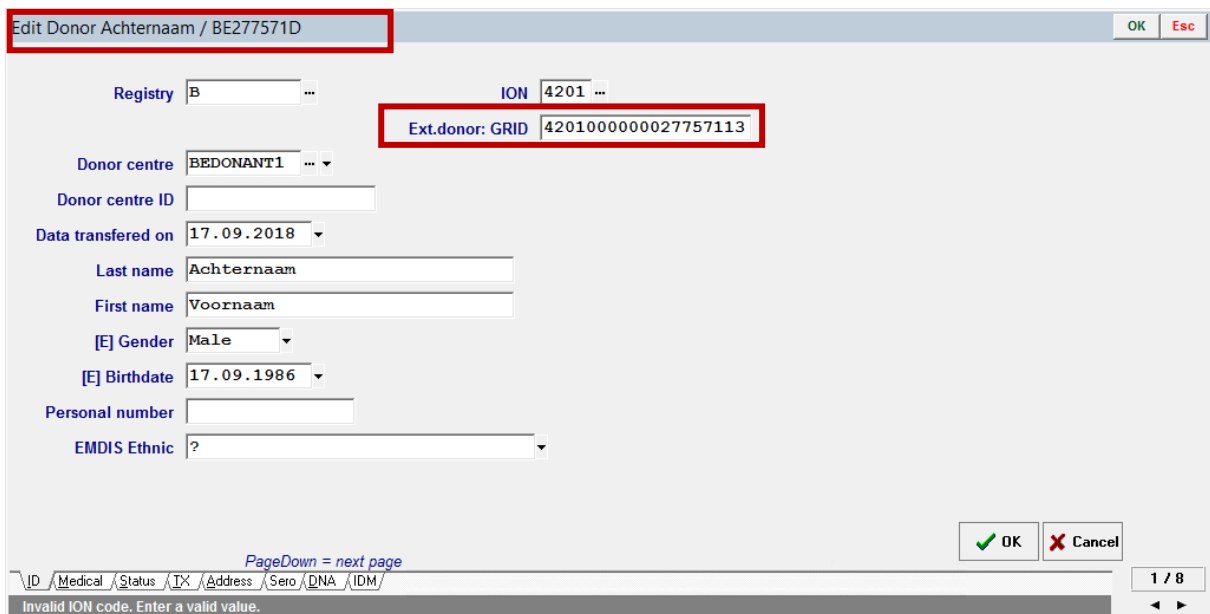
Third part: Checksum – will be calculated by Prometheus.

(is an algorithm – used to validate and check the GRID to ensure that the input data is genuine and error free).

The GRID code is the identifier in the grey bar of the first view of the donor card:



The old code will only be available when editing the donor



When reporting HLA typing results or IDM results for national and international patients, the results must be edited before sending the EMDIS message. When doing a typing update, the new HLA values will not be available for EMDIS as long as the typing has not been validated.

II.III.1. Donor status: temporarily unavailable – reservation - cancellation

a. Temporarily unavailable

If a donor is not available for a period, the status must be set to “Temporarily unavailable”. Indicate the time period by filling in “status from... to.... “ and select the reason:

A pregnant donor must be temporarily suspended from the Registry's database file during the entire time of the pregnancy and up to a period of six months after delivery when requested for a typing request or blood sample request.

When the end of TCI has been reached, Prometheus will set the status to availability again.

b. Reservation

When a donor has been requested for additional typing or a blood sample shipment, the donor will be reserved for 2 months. The user must change the availability status and reserve to donor for a period of 2 months (cfr MDPB-R SOP).

Donor status: donor reserved

Status from: date of today to 60 days from now on (These data will be sent via EMDIS).

By pointing the actual month a drop-down list will be opened. You can also navigate with the arrows.

It's mandatory to enter the patient ID for which the donor has been reserved, clicking on the --- the list of patients linked with your donor will be displayed. Select the patient for which you would like to do the reservation. The message will be sent via EMDIS. The HUB of the patient will be informed consequently.

c. Cancellation

You should use the edit option to cancel a donor from the database. First select the donor, and then press Edit. Go to the **Status** tab: select the donor status option "4 Donor deleted".

Specify the reason and date of cancellation, this information will be sent via EMDIS. All patients linked to this donor will receive the information that the donor is no longer available.

By pointing the actual month a drop-down list will be opened. You can also navigate with the arrows.

Status reason:

1. Donor is too old
2. Donor died
3. Medical reason
4. Personal reason
5. After transplantation
6. Donor has moved

- 7. Unable to contact
- 8. No sample available
- 9. Other reasons
- A. Typing questionable
- B. Unknown
- C. HLA mismatch
- D. Pregnancy
- E. Emigrated
- F. Duplicate
- L. Donor currently abroad. (new: will be mapped to EMDIS value PR – personal reasons).

A volunteer donor must be prevented from donating again (unless he or she donates for the same recipient). After donation the donor must be cancelled from the database.

New Donor OK Esc

Donor status

Donor status: Donor deleted

Status from: [] [E] to: []

[E] Status reason: After transplantation

Consent: no

[E] Reserv. - Patient ID: [] ...

External Comment: []

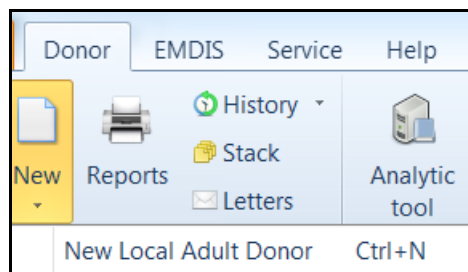
Internal Comment: [] 1:1 / 0:0

When cancelling the donor after donation, information of the transplantation can be entered in the tab TX: source, patient ID, patient name, patient Registry, date of collection and date of TX.

Even if the donor has been cancelled from the database, the data will be available for consultation and it is possible to enter consecutive transplantations for the same patient.

Donors reaching cancellation age (60 years) will be deleted automatically, the user will be informed by the Quality check.

II.IV. NEW DONOR



Go to donor command

to register a new donor.

This menu includes the following tabs:

- ID,
- Medical,
- Status,
- TX,
- Address,
- Sero,
- DNA,
- IDM.

1. TAB ID

Registry: prefilled B

ION: prefilled 4201

The ION (Issuing Organization number) assigned by the ICCBBA.

GRID: Will be assigned by Prometheus.

Donor center: prefilled donor center code

Donor center ID: local Donor Center code, not mandatory (max. length 17 characters)

Data transferred on : prefilled date of today

Last name: please enter last name, not mandatory (max. length 30)

First name: please enter first name, not mandatory (max. length 30)

(E) Gender: please enter Gender, **mandatory**, EMDIS field (default value male)

(E) Birthdate: please enter birth date, **mandatory**, EMDIS field

Personal number: Social security number, not mandatory.

EMDIS Ethnic: Donor ethnic group:

AFNA = African: North Africa
AFSS = African: Sub-Sahara Africa
ASSW = Asian: Southwest Asia (Middle East, Turkey)
ASSO = Asian: Southern Asia (India, Pakistan, Bangladesh, Sri Lanka, Bhutan, Nepal)
ASCE = Asian: Central Asia (Eastern Russia, Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan)
ASSE = Asian: Southeast Asia (China, Mongolia, Burma, Laos, Cambodia, Thailand, Vietnam, Taiwan)
ASNE = Asian: North and Northeast Asia (Japan, North Korea, South Korea)
ASOC = Asian: Oceania (Pacific Islands, excluding Japan, Australia, Taiwan, Sakhalin, Aleutian Islands)
CAEU = Caucasian: Mainland Europe, Greenland, Iceland, Western Russia
CAER = Caucasian: Eastern Russia
CANA = Caucasian: North America (USA, Canada, Mexico)
CAAU = Caucasian: Australia (Australia, New Zealand)
HICA = **Hispanic**: Central America, Caribbean
HISA = **Hispanic**: South America
MX = Mixed / multiple
OT = Other (e.g. Australian Aborigine)
UK = Unknown

To be able to be registered within the MDPB-R, donors must have passed their **18th birthday** but must not have passed their **40th birthday**.

The duration of the registration will be until the age of **60**. When a donor reaches the age of **60**, the status will change automatically to “**4 Donor deleted**”.

The identification code will be attributed by Prometheus after ending the donor registration:

New Prometheus numbering: **BE123456D**.

2.TAB MEDICAL

Press “**Medical**” to go to the following tab.

(E) = sent via EMDIS

Donor category: prefilled “not available for EMDIS till validation.”

After validation it changes to: Registry donor.

- (E) ABO:** 0.? - 1.O – 2.A – 3.B – 4.AB (optional field)
- (E) Rhesus:** 0.? - 1.+ - 2.- (optional field)
- (E) Weight:** value between 0-250 (optional field)
- (E) Height:** value between 0-300 (optional field)
- (E) Number of transfusions:** value between 0-9 or ? (optional field)
- (E) Number of pregnancies:** value between 0-9 or ? (optional field)
- Date of last pregnancy:** date (optional field) (new field)
- Blood donor:** yes or no (optional field)
- Is DNA available:** yes or no (optional field)
- Is frozen blood available:** 0. no – 1. yes – 2. unknown (optional field)
- Is platelet donor:** yes or no (optional field)
- Recruited by:** default value: unknown
 0. Unknown – 1. Associations – 2. Entourage - 3. Blood donor info –
 4. Press – 5. Website - 6. Other

3.TAB STATUS

The screenshot shows a 'New Donor' form with the following fields and controls:

- Donor status:** A dropdown menu with a question mark icon.
- Status from:** A date range selector with '[E] to' in between.
- [E] Status reason:** A dropdown menu with a question mark icon.
- Consent:** A dropdown menu with 'no' selected.
- [E] Reserv. - Patient ID:** A text input field with a search icon.
- External Comment:** A large text input area.
- Internal Comment:** A large text input area with a vertical scrollbar.
- Navigation:** 'PageUp - previous page' and 'PageDown - next page' links.
- Buttons:** 'OK + New', 'OK' (with a green checkmark), 'Cancel' (with a red X), and '? F1'.
- Footer:** A breadcrumb trail: ID / Medical / Status / TX / Address / Sero / DNA / IDM / and a page indicator '3 / 8'.

- Donor status: cancellation and reservation rules are explained in chapter [II.III. Donor edit – consultation – update of donor](#) .
- Consent: mandatory field
 following the MDPB-R SOP each potential volunteer donor should be, at a first stage, provided with a written document containing specific information on BM, PBSC donation to be specified in this field:
- 1.Yes (both BM, PBSC consent).
 - 2.Only PBSC consent
 - 3.Only BM consent.
- Reservation Patient ID: when a donor is reserved for a patient, the patient ID must be entered in this field. The information will be sent via EMDIS to inform the international Registry.
- External comment: information is not sent via EMDIS
- Internal comment: information from Syrenad has been uploaded into this field.
(Fi. The history of Syrenad mailing letters generated in PDF)

4.TAB TX


The transplantation data are not sent via EMDIS. After a transplantation took place, the source of cells (BM, CB, DLI, PBSC, Other), patient ID, patient name, patient Registry, date of collection, date of TX and TX center can be entered for 3 collections.

In case of more than 3 please put the info at the TX comment section.

0 ?
1 BM
2 CB
3 DLI
4 PBSC
5 DCB
6 MSC
7 NKC
8 Other
Cancel

5.TAB ADDRESS

Data not mandatory.


- Address:** enter street and number
- ZIP:** enter ZIP code or select  to go to the select zip code screen: clicking on “description” will set the towns in alphabetical order.
- Town:** town selection via ZIP code.
- Country:** prefilled
- Secondary address:** data entry of additional address
- Phone: home – work – mobile**
- Email**

6.TAB SERO

For information about the serology typing input go to [I.II.4.5.a HLA data – serology](#). It is however not necessary to enter serology typing results, because of the molecular typing methods. Data entry of search determinant is not necessary.

7.TAB DNA

All typings done on a newly recruited donor must be done with molecular methods. All new donors must be at least HLA-A, B and C typed in low resolution (2 digits) and DRB1 typed in high resolution (4 digits).

List of valid values appear when clicking the dots  right from input field or by pressing F3. (only high resolution, intermediate codes must be entered manually).

For information about the DNA typing input go to I.II.5.4. HLA data – DNA.

Date of typing 1 – 2: fields where dates of typing can be entered.

Laboratory: HLA typing lab

New Donor OK Esc

[E] DNA

A*

B*

C*

DRB1*

DRB3*

DRB4*

DRB5*

DQB1*

DQA1* Date of typing 1

DPB1* Date of typing 2

DPA1* Laboratory BELABHILA

OK + New

PageUp - previous page PageDown - next page

7 / 8

ID / Medical / Status / IX / Address / Sero / DNA / IDM

8.TAB IDM

This window screen allows to enter Infectious Disease Marker results; all fields are optional.

New Donor OK Esc

IDM

[E] CMV date Date of IDM test

[E] CMV ? [E] Toxoplasmosis ?

[E] EBV ?

HIV status ?

HIV p24 antigen ?

Hepatitis B status (hepatitis B surface antigen) ?

Hepatitis B status (antibody to hepatitis B surface antigen) ?

Hepatitis B status (antibody to hepatitis B core antigen) ?

Hepatitis C status (antibody to hepatitis C virus) ?

Lues status (Treponema pallidum) ?

ALT status [Units per litre]

Antibody to HTLV1.V2 ?

OK + New

PageUp - previous page PageDown - next page

8 / 8

ID / Medical / Status / IX / Address / Sero / DNA / IDM

(E) CMV date:


if the CMV value is given, CMV date is mandatory

(E) CMV:

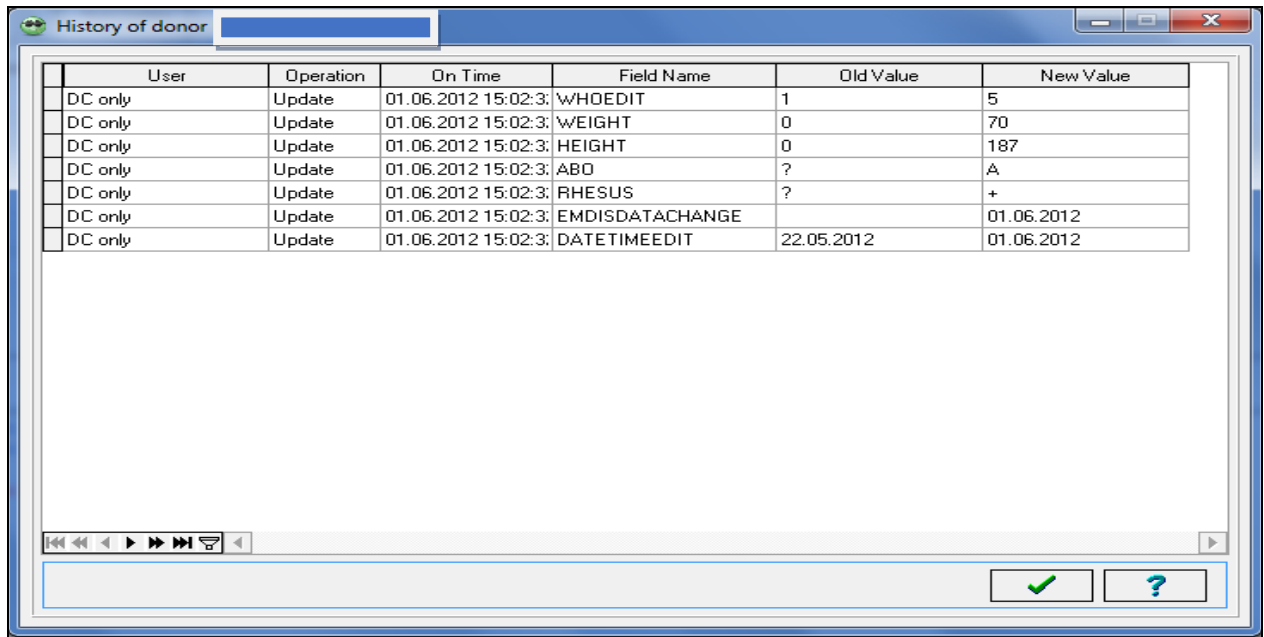
0. ?

	<ol style="list-style-type: none">1. Both negative2. unclear3. IgG-posit; IgM-negat4. IgG-negat; IgM-posit5. both positive6. IgG or IgM posit7. IgG posit; IgM not tested8. IgG negat; IgM not tested
Date of IDM test:	IDM test date is mandatory when IDM test results are given
(E) Toxoplasmosis:	<ol style="list-style-type: none">0. ?1. Both negative2. unclear3. IgG-posit; IgM-negat4. IgG-negat; IgM-posit5. both positive6. IgG or IgM posit7. IgG posit; IgM not tested8. IgG negat; IgM not tested
(E) EBV:	<ol style="list-style-type: none">0. ?1. Both negative2. unclear3. IgG-posit; IgM-negat4. IgG-negat; IgM-posit5. both positive6. IgG or IgM posit7. IgG posit; IgM not tested8. IgG negat; IgM not tested
HIV status:	0.? – 1.Positive – 2.Negative – 3.Questionable
HIV p24 antigen:	0.? – 1.Positive – 2.Negative – 3.Questionable
Hepatitis B status (hepatitis B surface antigen):	0.? – 1.Positive – 2.Negative – 3.Questionable
Hepatitis B status (antibody to hepatitis B core antigen):	0.? – 1.Positive – 2.Negative – 3.Questionable
Hepatitis C status (antibody to hepatitis C virus):	0.? – 1.Positive – 2.Negative – 3.Questionable
Lues status (Treponema pallidum):	0.? – 1.Positive – 2. Negative – 3. Questionable
ALT status (units per litre):	value from 0 to 999
Antibody to HTLV1.V2:	0.? – 1.Positive – 2.Negative – 3.Questionable

II.V. DONOR DATA CHANGE HISTORY

The history of donor data change is called up by the menu command . Open the donor's record and then go to "donor – history". If a history for the donor exists, the table with his data will appear, otherwise a blank table will be opened. The user's individual actions will be logged in this history tracking audit.

GRID code will be shown in the bar:



User	Operation	On Time	Field Name	Old Value	New Value
DC only	Update	01.06.2012 15:02:3	WHOEDIT	1	5
DC only	Update	01.06.2012 15:02:3	WEIGHT	0	70
DC only	Update	01.06.2012 15:02:3	HEIGHT	0	187
DC only	Update	01.06.2012 15:02:3	ABO	?	A
DC only	Update	01.06.2012 15:02:3	RHESUS	?	+
DC only	Update	01.06.2012 15:02:3	EMDISDATACHANGE		01.06.2012
DC only	Update	01.06.2012 15:02:3	DATETIMEEDIT	22.05.2012	01.06.2012

Donor data change history



History window description

Title bar:	donor code
User:	the individual who did the "operation"
On time:	time of operation
Field name:	changed value names
Old value:	original value before the update
New name:	contains the new value

Navigation

There is a navigation panel on the bottom-left, right above the data result. Navigation arrows allow movement in the table (left to right): first record, previous record, next and last record. Filtering and sorting are equally possible.

Termination

Press  or  to terminate the history window screen.

II.VI. HLA « DATA TYPING HISTORY »

A new functionality is the “HLA data typing history”. **This tool is only available for consultation purposes.**

Press “HLA” to open the “Data typing history window screens”. Another option is to open the window screens by the History tab:



In this window screen typing updates are logged and discrepant typings are better illustrated:

Data typing history														Prometheus - Donor Center Registry						
A	B	C	DR	DQ	DRW	A*	B*	C*	DRB1	DRB3	DRB4	DRB5	DQA1	DQB1	DPA1	DPB1	Typing center	User	Type	
						01:ABGEP	35:ABGFE	05:AESTD	01:AETTD					05:ADPFS	04:AETTB	PAST CONSE	TRKUL	TRLIE	[E D	
						02:NPJC	44:AAAVY	16:04:01	13:02:01					06:YGKU			15/02/2017	15/02/2017	16:34	
						03:01	35:ABGFE	05:AESTD	01:AETTD					05:ADPFS	04:AETTB			TRKUL	TRLIE	[E D
						03:01	44:AAAVY	16:04:01	13:02:01					06:YGKU			15/02/2017	16:34	15/02/2017	16:34
Discrepancy: A,, A*01:ABGEP,02:NPJC >>> A,, A*03:01,03:01																				
						03:01	35:ABGFE	05:AESTD	01:AETTD					05:ADPFS	04:AETTB	CONSENSUS	TRKUL	TRLIE	[E D	
						03:01	44:AAAVY	16:04:01	13:02:01					06:YGKU			15/02/2017	15/02/2017	16:34	
Discrepancy: A,, A*01:ABGEP,02:NPJC >>> A,, A*03:01,03:01																				

Typing update: the new typings are logged: discrepancy is explained.

Data typing history														Prometheus - Donor Center Registry						
A	B	C	DR	DQ	DRW	A*	B*	C*	DRB1	DRB3	DRB4	DRB5	DQA1	DQB1	DPA1	DPB1	Typing center	User	Type	
						01:ABGEP	35:ABGFE	05:AESTD	01:AETTD					05:ADPFS	04:AETTB	PAST CONSE	TRKUL	TRLIE	[E D	
						02:NPJC	44:AAAVY	16:04:01	13:02:01					06:YGKU			15/02/2017	15/02/2017	16:34	
						03:01	35:ABGFE	05:AESTD	01:AETTD					05:ADPFS	04:AETTB			TRKUL	TRLIE	[E D
						03:01	44:AAAVY	16:04:01	13:02:01					06:YGKU			15/02/2017	16:34	15/02/2017	16:34
Discrepancy: A,, A*01:ABGEP,02:NPJC >>> A,, A*03:01,03:01																				
						03:01	35:ABGFE	05:AESTD	01:AETTD					05:ADPFS	04:AETTB	CONSENSUS	TRKUL	TRLIE	[E D	
						03:01	44:AAAVY	16:04:01	13:02:01					06:YGKU			15/02/2017	15/02/2017	16:34	
Discrepancy: A,, A*01:ABGEP,02:NPJC >>> A,, A*03:01,03:01																				

Copy of the previous lines, this means that the entry has been validated.

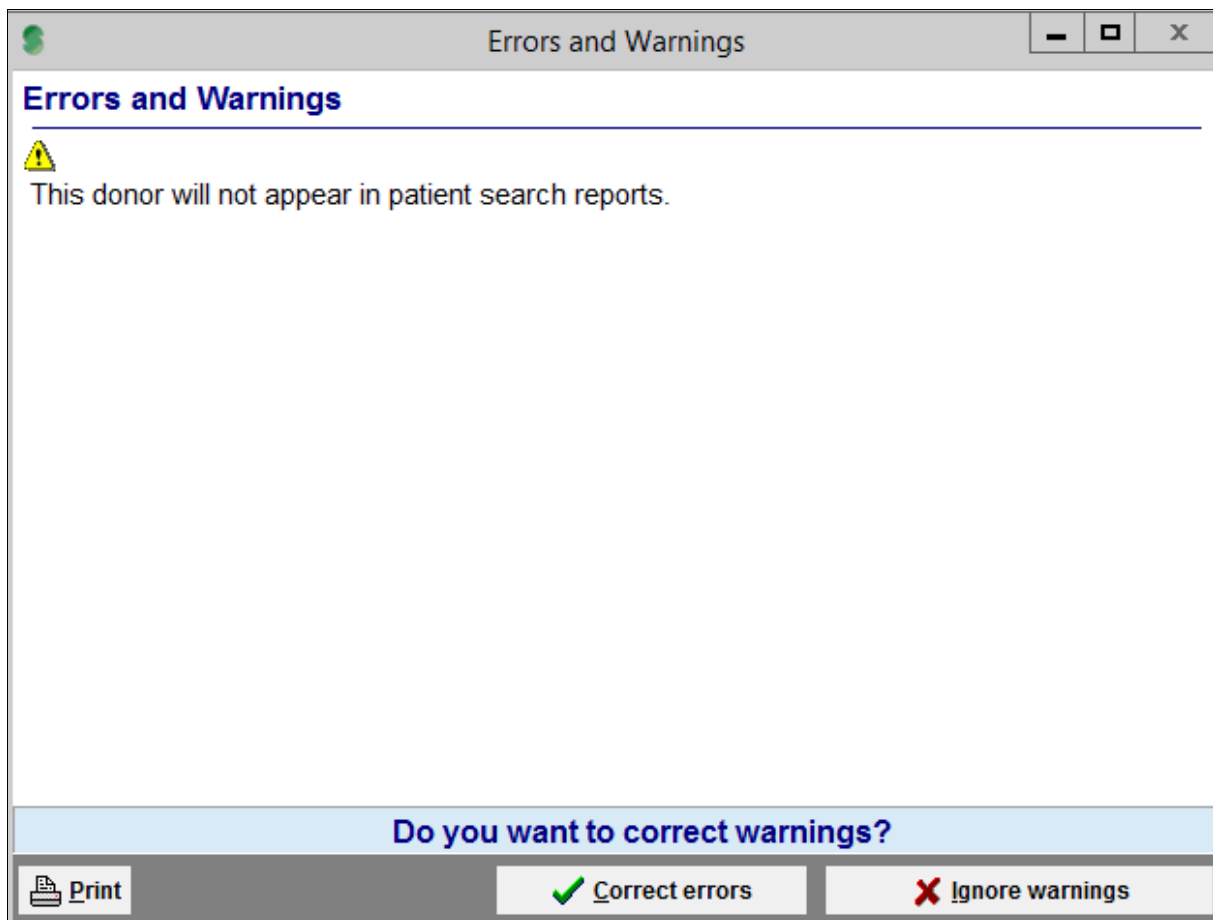
II.VII. VALIDATE

II.VII.1. Records to be validated

II.VII.1.a. Validation of a new registered donor

After a donor registration a donor record must be validated in the national database before the record will be available in EMDIS: the record will receive **“HLA/DNA to be validated”** status. (before validating the donor’s record must be opened, via select).

After registration of a new donor, the following message will be displayed:



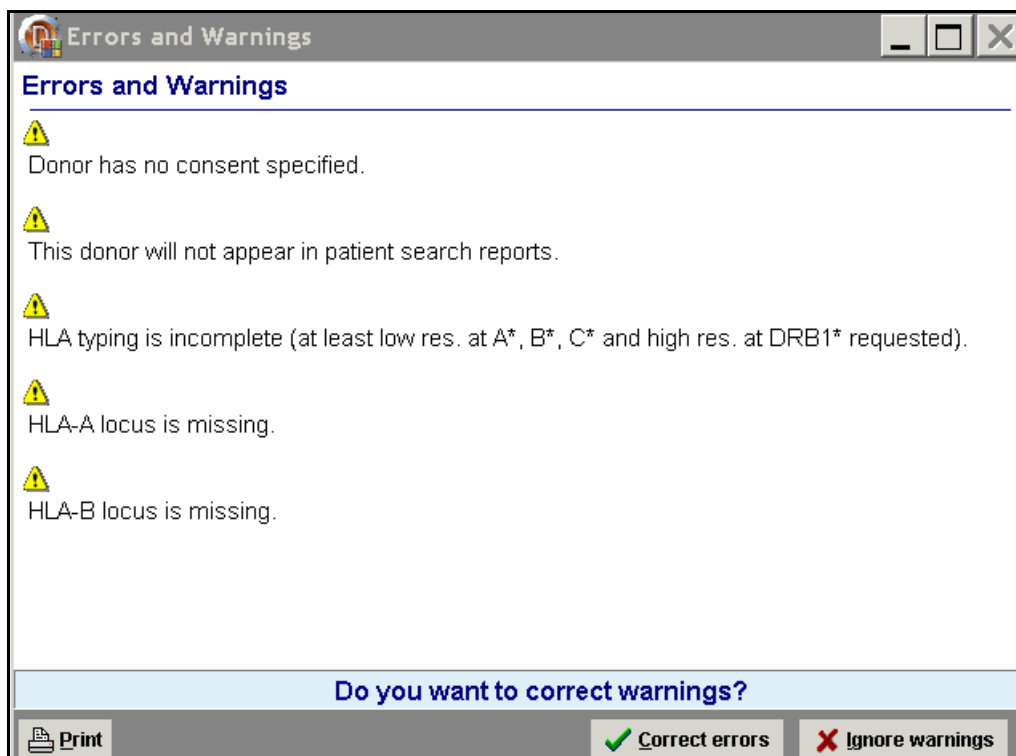
This means that the donor still need to be validated, before being available for the EMDIS communication, in other words before begin available for patient searches.

Press Ignore warnings, you will see the donor record you just registered: HLA/DNA to be validated will be highlighted in red: this means that you need to validate the HLA/DNA typing as explained later.

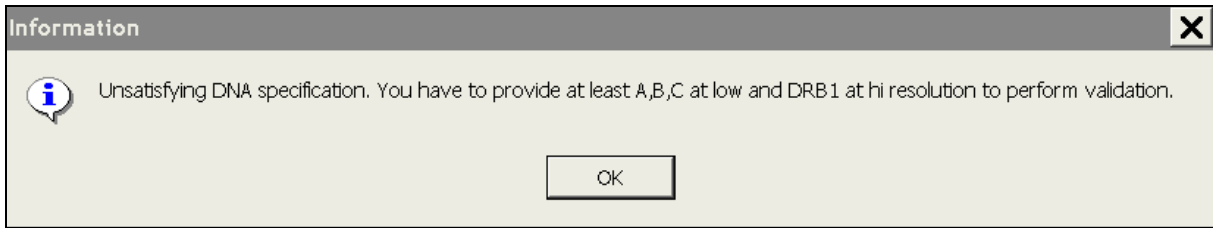
Donor	MD	Status Available	Local center ID
Registry B	Pers. num.	Center BED(<input type="text"/>)	ABO, RH ? ?
Name Aa Aa	Phone	Mobile phone	
Address	Town	Date of birth <input type="text"/>	
	ZIP	Country BE	
E-mail			
A*01:01 01:01	B*15:01 15:01	C*03:04:01:01 03:04:01:01	DRB1*01:01 01:01
DRB345	DQ	DQA1*	DPB1*
Comment			
Record changed on 04.04.2014 at 14:40 by H. Broos			
Record inserted on 04.04.2014 at 14:40 by H. Broos			
HLA/DNA to be validated			
First validation			


VALIDATION RULES

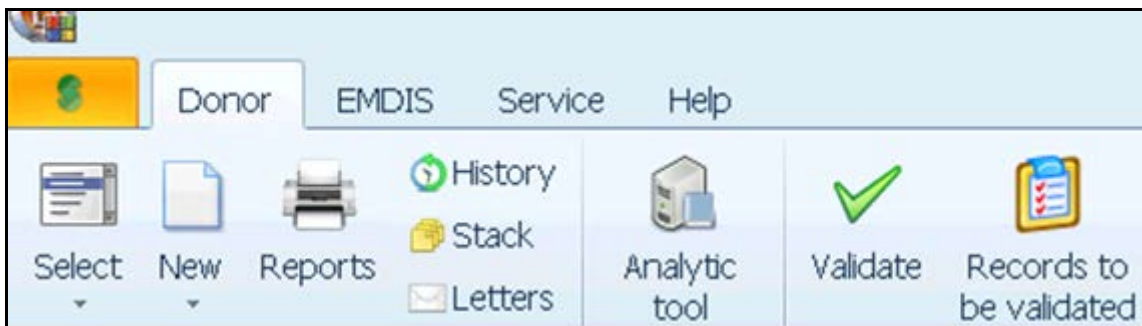
It is possible to register a donor without any typing: Prometheus will display yellow warnings, which can be passed. As long as a donor has not been properly validated, the donor will not be sent by EMDIS and will not be available for patient search reports:



When you try to validate this specific donor, the following alert will be displayed :



Go to the “donor” menu and press  :



The following validation screen will be opened for entry of the typing fields by double blind input:

BE - validation of DNA/HLA values

Serology :

HLA - A :	2	24
HLA - B :	40	51
HLA - C :		
HLA - DR :	113	14
HLA - DQ :		

DNA :

A* :	02:DFKP	24:CWFP
B* :	40:AZAY	51:CVAE
C* :	01:FJCP	03:AXM
DRB1* :	13:02:01	14:BCAD
DRB3* :		
DRB4* :		
DRB5* :		
DQB1* :	05:03:01	06:MPP
DQA1* :		
DPB1* :		
DPA1* :		

The “check all” button will be available as soon as all applicable fields have been entered:

Press "check all" to check the validation – if the validation is correct, all fields will be highlighted in green.

BE - validation of DNA/HLA values

Serology :

HLA - A :	<input type="text" value="2"/>	2	<input type="text" value="24"/>	24
HLA - B :	<input type="text" value="40"/>	40	<input type="text" value="51"/>	51
HLA - C :	<input type="text"/>		<input type="text"/>	
HLA - DR :	<input type="text" value="13"/>	13	<input type="text" value="14"/>	14
HLA - DQ :	<input type="text"/>		<input type="text"/>	

DNA :

A* :	<input type="text" value="02:DFKP"/>	02:DFKP	<input type="text" value="24:CWFP"/>	24:CWFP
B* :	<input type="text" value="40:AZAY"/>	40:AZAY	<input type="text" value="51:CVAE"/>	51:CVAE
C* :	<input type="text" value="01:FJCP"/>	01:FJCP	<input type="text" value="03:AXM"/>	03:AXM
DRB1* :	<input type="text" value="13:02:01"/>	13:02:01	<input type="text" value="14:BCAD"/>	14:BCAD
DRB3* :	<input type="text"/>		<input type="text"/>	
DRB4* :	<input type="text"/>		<input type="text"/>	
DRB5* :	<input type="text"/>		<input type="text"/>	
DQB1* :	<input type="text" value="05:03:01"/>	05:03:01	<input type="text" value="06:HPP"/>	06:HPP
DQA1* :	<input type="text"/>		<input type="text"/>	
DPB1* :	<input type="text"/>		<input type="text"/>	
DPA1* :	<input type="text"/>		<input type="text"/>	


Press OK, to confirm the validation and the record is validated.

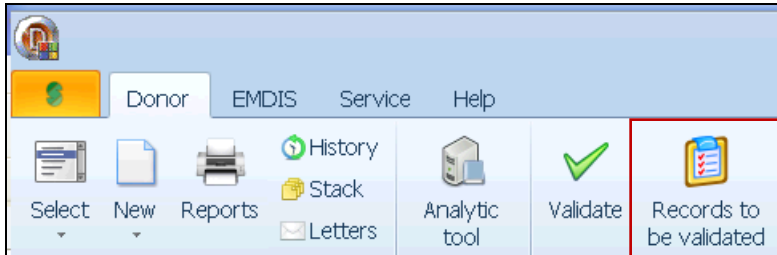
Comment
Record changed on 04.04.2014 at 14:43 by H. Broos
Record inserted on 04.04.2014 at 14:40 by H. Broos
HLA/DNA validated on 04.04.2014 at 14:43 by H. Broos
First validation 04.04.2014

The HLA/DNA validation date will be displayed on the donor record file (will be updated when validating further HLA typing updates). The first validation date will be available.

II.VII.1.b. Validation of typing update

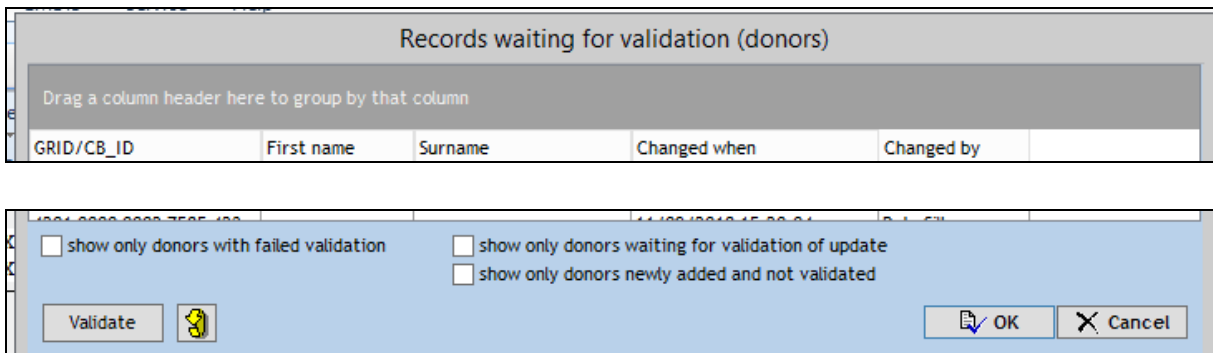
After a typing update the records waiting for validation will be offered in a table after selection of the

“Donor menu” and then  :

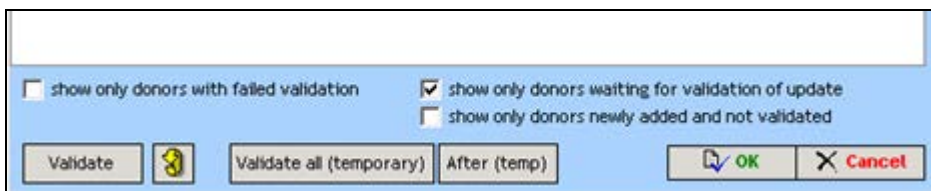


Tick show only donors waiting for validation of update will display the updated donors waiting for validation:

The GRID code / CB_ID will be displayed in the first column:



Select the donor you wish to validate, then press “validate”:



The following screen will be displayed for data entry:

BE - validation of DNA/HLA values

Serology :

DNA :

A* :

DQB1* :

Blank fields will be offered, all fields have to be filled before the “**check all**” button will become visible:

BE - validation of DNA/HLA values

Serology :

DNA :

A* :

DQB1* :

Press “**Check all**”:

BE - validation of DNA/HLA values

Serology :

	11		24
	39		44
	8		

DNA :


A* : 11:01 11:01 24:02 24:02
 39:XX 44:XX
 07:XX 16:XX
 08:01


DQB1* : 03:01 03:01 03:06 03:06

Check all OK Cancel

The correct validated fields will be highlighted in green, then press OK to terminate the validation.

show only donors with failed validation show only donors waiting for validation of update
 show only donors newly added and not validated

Validate  Validate all (temporary) After (temp) OK Cancel

Click  to refresh the window screen, the validated record will disappear from the list.

Note: in case of a typing update it is recommended to validate the typing as soon as possible. As the record is linked by EMDIS to patients, the old value will still be sent out by updates as long as the update has not been validated.

II.VII.2. Failed validation

II.VII.2.a. Failed validation of new registered donor

As double blind data entry includes data typed one individual, and then typed by second individual (in case of single managed profile, by the same user again), differences will be noted in red after pressing the “check all” button.

Before validating the donor record must be opened: go to “Donor” “Validate”: the following screen will be opened:

BE - validation of DNA/HLA values

Serology :

HLA - A :

HLA - B :

HLA - C :

HLA - DR :

HLA - DQ :

DNA :

A* :

B* :

C* :

DRB1* :

DRB3* :

DRB4* :

DRB5* :

DQB1* :

DQA1* :

DPB1* :

DPA1* :

Enter the data waiting for validation, all data need to be entered before the “check all” button will be displayed:

BE - validation of DNA/HLA values

Serology :

HLA - A :

HLA - B :

HLA - C :

HLA - DR :

HLA - DQ :

DNA :

A* :

B* :

C* :

DRB1* :

DRB3* :

DRB4* :

DRB5* :

DQB1* :

DQA1* :

DPB1* :

DPA1* :

Press “**select all**” to have the system compared the entered data:

BE - validation of DNA/HLA values

Serology :

HLA - A :	3	2
HLA - B :	35	44
HLA - C :		
HLA - DR :	1	13
HLA - DQ :		

DNA :

A* :	03:NHLJW	03:NHLJW	02:XX	02:XX
B* :	35:XX	35:XX	44:XX	44:XX
C* :	04:01	04:JRJW	05:JFMD	05:JFMD
DRB1* :	01:01	01:01	13:02	13:02
DRB3* :				
DRB4* :				
DRB5* :				
DQB1* :				

Information [X]

! DNA verification found 1 discrepancies. They are marked by red color. Verification failed.

OK

If not all data are correct: the system will display an alert, the discrepancies will be highlighted in red. If the validator made a mistake, he or she can then correct, press “**check all**”, and the DNA verification will be done again. The record will be approved for validation and gets status “**HLA/DNA validated**”.

If the initial data entry is not correct the following steps are to be followed:

Press “**OK**” to go to the validation window:

BE - validation of DNA/HLA values

Serology :

HLA - A :	3	3	2	2
HLA - B :	35	35	44	44
HLA - C :				
HLA - DR :	1	1	13	13
HLA - DQ :				

DNA :

A* :	03:NHLJW	03:NHLJW	02:XX	02:XX
B* :	35:XX	35:XX	44:XX	44:XX
C* :	04:01	04:JRJW	05:JFMD	05:JFMD
DRB1* :	01:01	01:01	13:02	13:02
DRB3* :				
DRB4* :				
DRB5* :				
DQB1* :				
DQA1* :				
DPB1* :				
DPA1* :				

The C DNA value should be 04:01, the individual responsible for initial data input should be informed: press **“failed validation”** to return the record for data input.

BE - validation of DNA/HLA values

Serology :

HLA - A :	3	3	2	2
HLA - B :	35	35	44	44
HLA - C :				
HLA - DR :	1	1	13	13
HLA - DQ :				

DNA :

A* :	03:NHLJW	03:NHLJW	02:XX	02:XX
B* :	35:XX	35:XX		
C* :	04:01	04:JRJW		
DRB1* :	01:01	01:01		
DRB3* :				
DRB4* :				
DRB5* :				
DQB1* :				
DQA1* :				
DPB1* :				
DPA1* :				

Confirm ✕

Do you confirm the failed validation ?

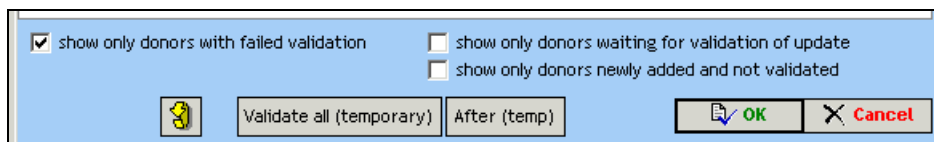
Press **“yes”** for confirmation.

```
Record changed on 04.04.2014 at 14:55 by H. Broos
Record inserted on 04.04.2014 at 14:55 by H. Broos

HLA/DNA validation failed
First validation
```

The record will have status **“HLA/DNA validation failed”**: the record will not be available in EMDIS in this stage.

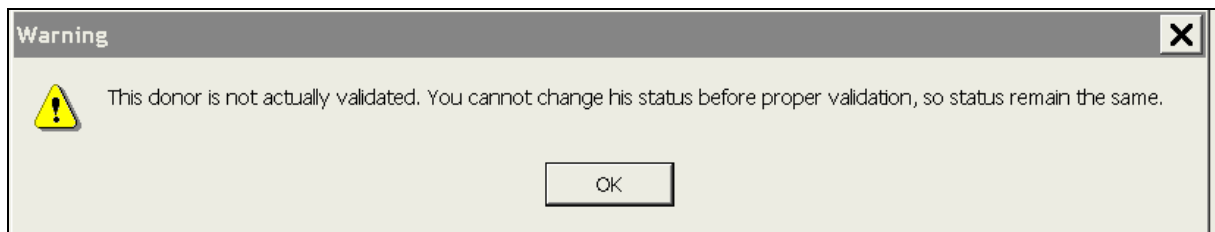
The records with failed validation, waiting for validation will be listed in the following table when pressing **“Y”**:



Click the cursor on the donor you wish to correct and double click to open the donor’s record and then press **“OK”**:

Your donor record needs to be validated again and will get status **“HLA/DNA to be validated”** again. The validation flow as explained in [chapter II.VII.I.](#) will be applicable again.

A donor availability status cannot be changed as long as the record has not been validated, you will be informed by the following warning:




II.VI.2.b. Failed validation of typing update

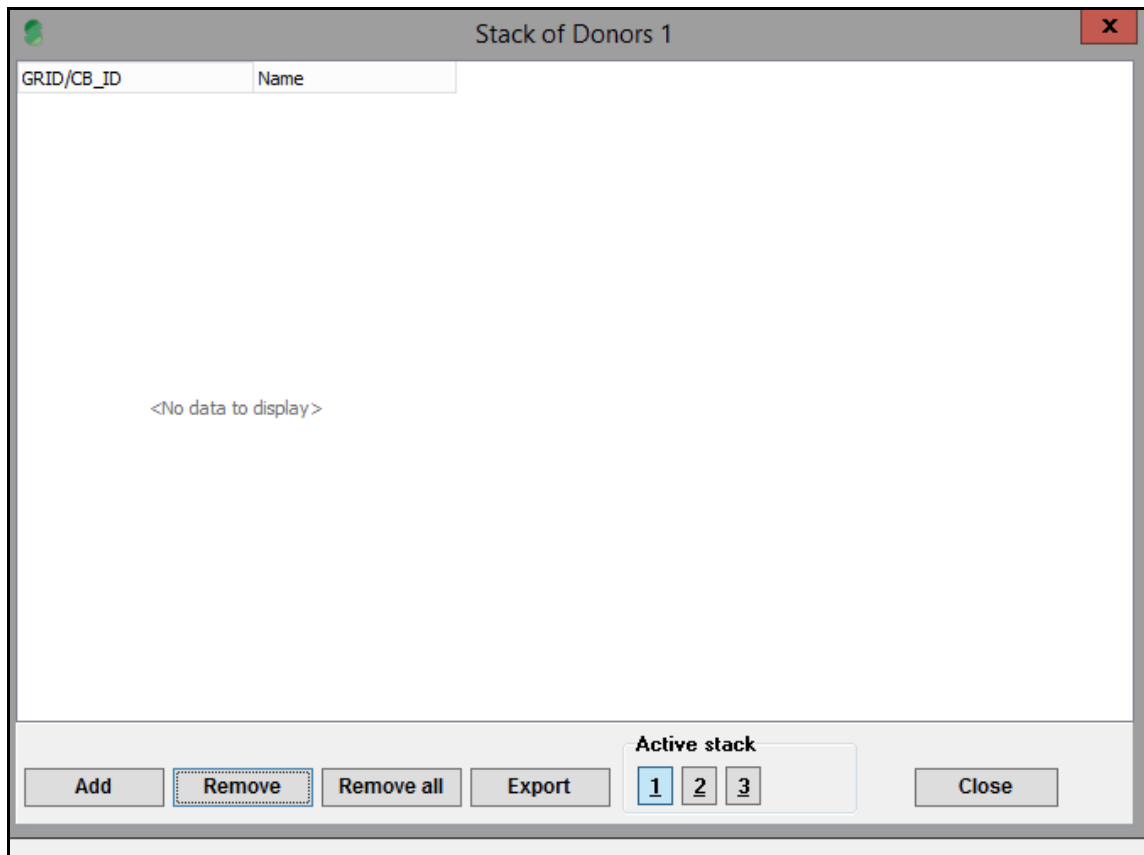
The discrepancy discovered when validating a typing update follows the same process flow. The failed validation will be also be displayed in the **“update record with failed validation”**.

II.VIII. STACK

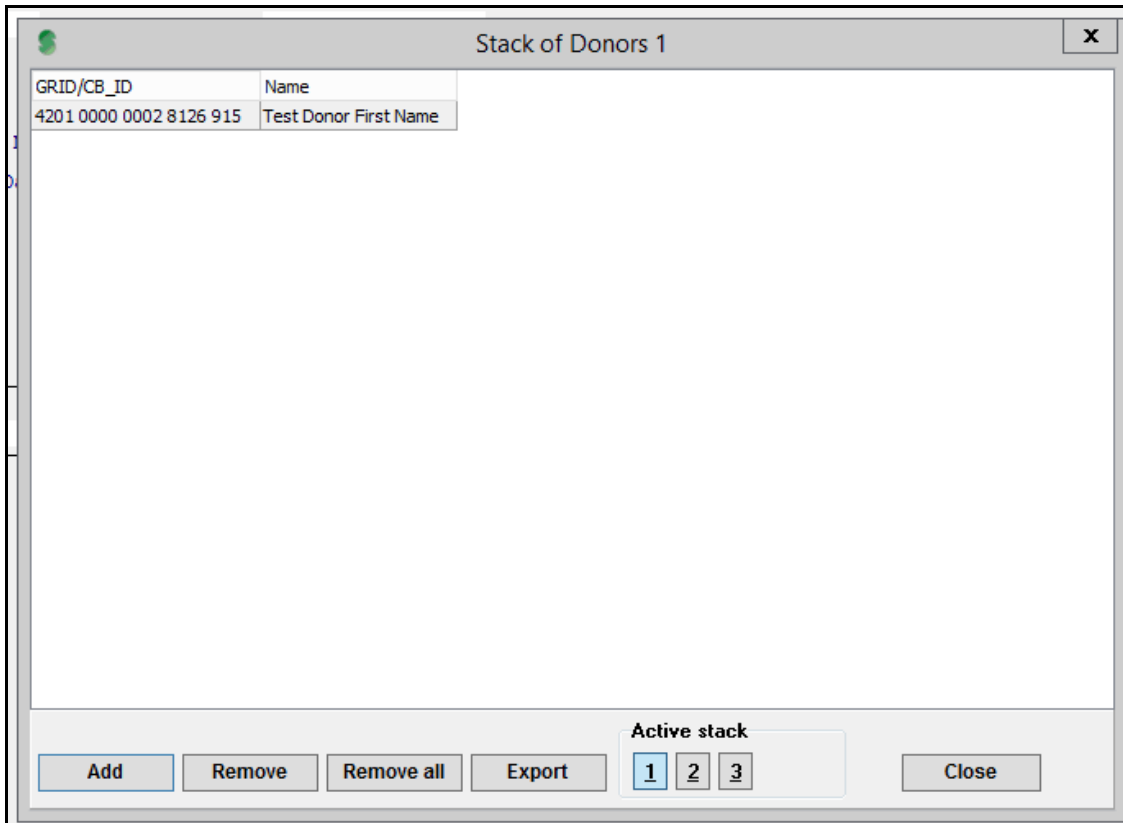
The donor stack allows working with more donors together and is mainly used when printing donor reports. The content of a donor stack (set of donors) is saved in a database - it means that the content will stay saved even after termination and restart of the program. Each user works with his own donor stack: each user has at his disposal three sets (stacks) of donors, those are marked by numbers 1, 2 and 3. Data can be stored in all three stacks at once but only one stack is always actively used.

- Active stack:** select the stack (stack 1 – 2 – 3);
- Add:** adds a donor to the stack;
- Remove:** removes a selected donor from the active stack, the donor is deleted from the stack, but will not be cancelled from the donor database;
- Remove all:** deletes all donors from the active stack;
- Export:** enables to export your data to an external excel – text – html – xml file.

You can open the donor stack through the use of the button . The following screen will be opened:



Add the GRID code via the select to the stack:



Press "close" to end your stack creation, your stack number 1 will be saved. To call up your different stacks, go to menu|stack, the above window screen will be opened, it is possible to browse between the different stacks you created.

II.IX. REPORTS



The menu of print reports can be called up by the menu button Reports :

Donor reports (active stack: 1)

Pos	Name	Description	FileType
1	DONREP003	HLA + Status + DOB (selected donor)	.rep
2	DONREP004	All information + Medical(Selected donor)	.rep
3	DONREP005	Donor Header 2 (Selected donor)	.rep
4	DONREP010	HLA + Status + Name (stack)	.rep
5	DONREP011	HLA + Status + DOB (stack)	.rep
6	DONREP012	HLA + Status + Pers.num. + Name (stack)	.rep
7	DONREP013	HLA + DOB (stack)	.rep
8	DONREP014	HLA + Status (stack)	.rep
9	DONREP030	Addresses of donors (stack)	.rep
10	DONREP031	Stack of Donors (stack)	.rep
11	DONREP060	Reserved donors (special)	.rep
12	DONREP061	Temporary Unavailable donors (special)	.rep
13	DONREP062	Adult Donor Status Report (special)	.rep
14	DONREP063	Donor HLA Count Report (special)	.rep
15	DONREP064	WMDA Donor Gender and Age Report (special)	.rep
16	DONREP066	Donor Centers Report (special)	.rep
17	DONREP067	CBU Status Report (special)	.rep
18	DONREP153	Letter labels donor report	.rep
19	DONREP171	Cord Blood Unit report - BE	.fr3

Navigation icons: Home, Left, Right, Stop, Refresh, Print, Copy, Paste, Find, Back, Forward

Buttons: OK Cancel

Report Name	Description
▶ DONREP001.REP	All information + Medical(Selected donor)
DONREP002.REP	Donor header (selected donor)
DONREP003.REP	HLA + Status + DOB (selected donor)
DONREP005.REP	Donor Header 2 (Selected donor)
DONREP010.REP	HLA + Status + Name (stack)
DONREP011.REP	HLA + Status + DOB (stack)
DONREP012.REP	HLA + Status + Pers.num. + Name (stack)
DONREP013.REP	HLA + DOB (stack)
DONREP014.REP	HLA + Status (stack)
DONREP030.REP	Addresses of donors (stack)
DONREP031.REP	Stack of Donors (stack)
DONREP032.FR.3	Addresses of donors in Editor (stack)
DONREP032.REP	Addresses of donors in Editor (stack)
DONREP060.REP	Reserved donors (special)
DONREP061.REP	Temporary Unavailable donors (special)
DONREP062.REP	Adult Donor Status Report (special)
DONREP063.REP	Donor HLA Count Report (special)
DONREP064.REP	WMDA Donor Gender and Age Report (special)
DONREP065.REP	Donor Ethnic Report (special)
DONREP066.REP	Donor Centers Report (special)
DONREP067.REP	CBU Status Report (special)
DONREP068.REP	Donor Ethnic and HLA typings report (special)
DONREP151.FR.3	Basic IDM report(selected donor)
DONREP152.REP	IDM report
DONREP153.REP	Letter labels donor report
DONREP170.REP	LYRT004 - Donor information report
DONREP171.FR.3	Cord Blood Unit report - BE
DONREP171.REP	IVRT004 - Unit report
DONREP180.REP	DONOR TYPING REPORT
DONREP181.REP	IDM report

In the window screen below, information about the report is provided.

```

All information + Medical(Selected donor)
Version 5
All
This report works with the selected donor.
All information with Medical info.
    
```

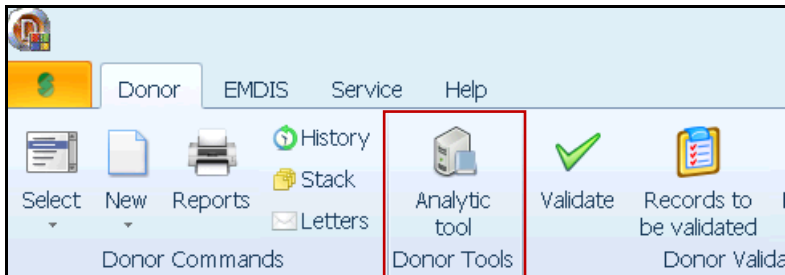
The old code (pre GRID code) will be printed in the external Donor ID 2:

```

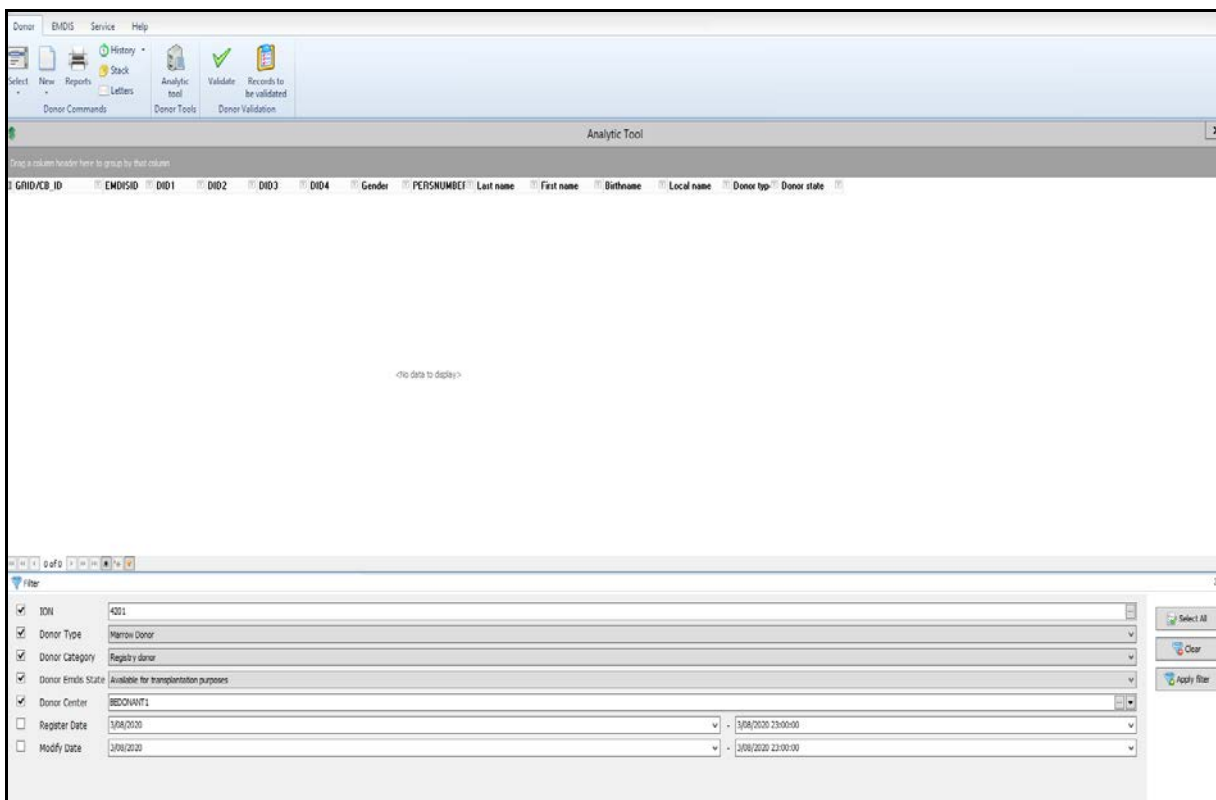
GRID/CB_ID . . . . .
External donor ID 1 . . . . .
External donor ID 2 . . . . .
    
```

II.X ANALYTICAL TOOL

Your donor database is available for analysis via the software tool donor tools (main menu -> Donor -> Analytic tool). Click on “Analytical tool”:



The following screen will be opened:



It is possible to specify certain parameters to limit the amount of data loaded from the database and to speed up the loading process. **The old pre GRID code is available for selection.**

First use the check-boxes to select which parameter to apply before loading the data. Buttons: **Select all** and **Clear** work only with the check-boxes.

Button **Apply filter** starts loading donors from database to the analytic tool.

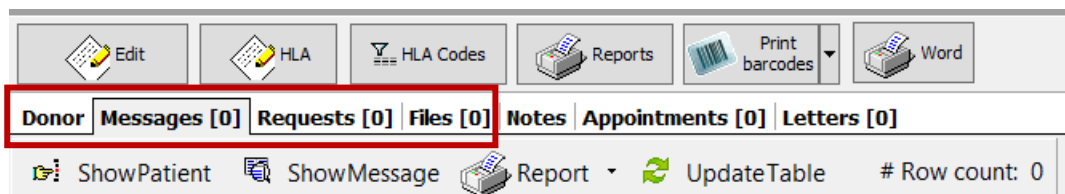
III. CORD BLOOD MENU

Since version 184 the cord dataset includes the extended EMDIS cord dataset, and the cord window screens have been updated consequently.

The explanation of the EMDIS cord data are explained in the latest version of the EMDIS cord Data Dictionary and the latest version of the Mapping version of the CBU EMDIS cord import.

III.I. SELECT

Cord blood selection follows same rules as applicable for the donor: donor select is explained in [chapter I.II.2. Quick select buttons.](#)



Notes – Appointments – Letters : are not applicable for cord bloods.

III.II. CLOSE




Select Donor Close or F2 or press  to end the donor editing.

III.III. EDIT – CONSULTATION – UPDATE OF CORD BLOOD RECORD

Edit can be used for consulting the cord blood record, change data (medical, availability, ... and change the availability status (Prometheus does not allow to delete any record).

If there is a change of HLA data (sero – DNA) the record must be validated. Validation rules are explained in [chapter II.VII. Validate.](#)



Press  to open the cord blood record: the ID tab will be opened (other tabs are Status – TX – Address – Sero – DNA – CBU).

1.TAB ID

Basic cord blood data:

Basic donor data (cord bloods)

Bag ID

Registry ID ... [E] ION ... Donor Center ...

[E] Birthdate ... CBB manufacturer ID ...

Collection date ... CBB distributor ID ...

Gender ... CBB Maternal donor ID

EMDIS Ethnic

ABO

Rhesus ... Record inserted

PageUp - previous page PageDown - next page

[ID/Status/HLA DNA/CBU vo/CBU IDM/Mother/Maternal DNA/](#)

2.TAB STATUS

This screen serves to manage the cord availability status

a. Temporarily unavailable

Edit CBU /

Cord blood status

Status

Status from

[E] Status reason

Consent

[E] Reserv. - Patient ID

External Comment

Internal Comment

PageUp - previous page PageDown - next page

When the cord has been requested for additional typing or shipment of a DNA sample, the user must change the availability status to "2 Temporarily unavailable", and reserve the cord for a period of 60 days cfr MDPB-R SOP:

Click on the actual month to display the drop list and select the month 60 days ahead to enter the end of availability date:

Edit CBU / OK Esc

Cord blood status

Status: Donor reserved

Status from: 12.07.2012 [E] to: 12.07.2016

[E] Status reason: ?

Consent: yes

[E] Reserv. - Patient ID:

External Comment:

Internal Comment:

Calendar (juli 2016):

ma	di	wo	do	vr	za	zo
27	28	29				
4	5	6				
11	12	13				
18	19	20				
25	26	27				
1	2	3				

Vandaag: 1

1:1 / 0:0

✓ OK ✗ Cancel ? F1

PageUp - previous page PageDown - next page

It is mandatory to put a status reason. You need to choose "9 Other reason".

Edit CBU / OK Esc

Cord blood status

Status: Temporarily unavailable

Status from: 06.12.2012 [E] to: 06.02.2013

[E] Status reason: ?

Consent: 1 Donor is too old
2 Donor died
3 Medical reasons
4 Personal reasons
5 After transplantation
6 Donor has moved
7 Unable to contact
8 No sample available (only CBU's)
9 Other reasons
A Typing questionable
B Unknown
C HLA mismatch
D Pregnancy
E Emigrated
F Duplicate

[E] Reserv. - Patient ID:

External Comment:

Internal Comment:

Cancel

✓ OK ✗ Cancel ? F1

PageUp - previous page PageDown - next page

b. Reservation

When a TC is requiring a reservation of a unit you need to edit the status into "3 Donor reserved".

Edit CBU / OK Esc

Cord blood status

Status: Donor reserved

Status from: 12.07.2012 [E] to: 12.07.2016

[E] Status reason: ?

Consent: yes

[E] Reserv. - Patient ID: ...

External Comment: _____

Internal Comment: _____ 1:1 / 0:0

OK Cancel ? F1

It is mandatory to enter the reservation period by indicating the start date and the end date of reservation.

Click on the actual month to display the drop list and select the month 60 days ahead to enter the end of availability date:

Edit CBU / OK Esc

Cord blood status

Status: Donor reserved

Status from: 12.07.2012 [E] to: 12.07.2016

[E] Status reason: ?

Consent: yes

[E] Reserv. - Patient ID: _____

External Comment: _____

Internal Comment: _____ 1:1 / 0:0

OK Cancel ? F1

PageUp - previous page PageDown - next page 2 / 6

There will be an alert for CBU reservation expiration via the system (warnings: donor database quality check).

It's mandatory to enter the patient ID for which the CBU is reserved, the message will be sent via EMDIS. The HUB of the patient will be informed consequently.

Edit CBU / OK Esc

Cord blood status

Status Donor reserved

Status from 06.12.2012 [E] to 06.02.2013

[E] Status reason Other reasons

Consent yes

[E] Reserv. - Patient ID

External Comment

Internal Comment

OK Cancel ? F1

PageUp - previous page PageDown - next page

c. Cancellation

When a cord blood has been shipped for transplantation, the record must be set to deleted status, otherwise the cord search results will be sent out for national and international patients. (in Prometheus the record will not be deleted but receive the status 'deleted'.)

Edit CBU / OK Esc

Cord blood status

Status Donor deleted

Status from [E] to

[E] Status reason After transplantation

Consent yes

[E] Reserv. - Patient ID

External Comment


Internal Comment 1:1 / 0:0

OK Cancel ? F1

The information will be sent out via EMDIS.

Go to the tab TX to add complementary information in the cord blood delivery field.

3. TAB HLA DNA

List of valid values appear when clicking the dots  right from input field or by pressing F3.

For information about the serology typing go to [chapter I.II.4.5.a HLA data – serology](#)

For information about the DNA typing input go to [chapter I.II.4.5.b HLA data – DNA](#).

4. TAB CBU vol

5. TAB CBU IDM

Edit CBU / BE [] OK Esc

Process date 04.05.2001 Process method Other Process meth. type Optipress II

Freeze date 04.05.2001 Freeze method Controlled Rate Prod. mod. Plasma and RBC Reduced

No. bags 1 Bag type 80:20 Hemo status Can be done at time of release

Viability (%) 62 Viability date 03.09.2001 ATT SEG 1

Other sample Yes DNA sample Yes VT date

Sample type CBU Contiguous Attached Segment HBS Antigen ?

ANTI HBC ? ANTI HCV ? ANTI HIV 12 ?

HIV 1 NAT ? HIV p24 AG ? HCV NAT ?

Antibody to HTLV ? Syphilis (TPHA) ? WNV ?

Chagas ? EBV ? TOXO ?

HBV NAT ? CMV NAT ? PB19 NAT ?

CMV ? Bact. culture Negative Fungal culture Negative

CMV date ALT [Units per litre]

PageUp - previous page PageDown - next page

OK Cancel

\ID\Status\HLA DNA\CBU vo\CBU IDM\KIR date\Mother\Maternal DNA/

Date or +/-Ctrl+/Ctrl-/Shift+/Shift- (+/- on num. keyboard) 5 / 8

6. TAB KIR DATA

NA

6. TAB MOTHER

Edit CBU / BE [] OK Esc

Maternal donor information

Mat AL ser 2 Mat AL ser quant 1.50

Mat AL pla 1 Mat AL pla quant 1.50

Maternal CMV both negative Maternal HBS AG Negative

Maternal ANTI HBC Negative Maternal ANTI HBS ? Maternal ANTI HCV Negative

Maternal ANTI HIV12 Negative Maternal HIV 1 NAT Negative Maternal HIV P24 ?

Maternal HCV NAT Negative Maternal HTLV Negative Maternal Syphilis Negative

Maternal WNV ? Maternal Chagas ? Maternal EBV ?

Maternal TOXO ? Maternal CMV NAT ?

Maternal PB19 NAT ? Maternal HBV NAT Negative

PageUp - previous page PageDown - next page

OK Cancel

\ID\Status\HLA DNA\CBU vo\CBU IDM\KIR date\Mother\Maternal DNA/

7 / 8


6. TAB MATERNAL DNA

NA

III.IV. NEW CORD BLOOD

The tool to create new records is not available for cord blood: the cord bloods will be uploaded via interface.

III.V. HISTORY

The history of cord blood data change is available by the command  . Open the cord blood's record and then go to "donor – history". If a history exists, the table with his data will appear, otherwise a blank table will be opened.

III.VI. VALIDATE

The validation of a typing update follows the same rules as for donor validation and is further explained in [chapter II.VII. Validate](#).

III.VII. STACK

Please see [chapter II.VIII. Stack](#).

III.VIII. REPORTS

The same reports as explained in [chapter II.IX. Reports](#) are available for the Cord Blood Bank user. Two reports are especially for CBU's:

a. DONREP067 CBU status Report

Report DON067 is created for Cord Blood Bank use: the report displays counts of cords and their respective availability status:

CBU Status Report

Report DON067



Marrow Donor Program Belgium - Registry

Molstraat 40
2800 Mechelen
Belgium

Donor Status	Count
Available	6791
Temporarily unavailable	11
Donor deleted	156
Donor reserved	36
TOTAL	6994

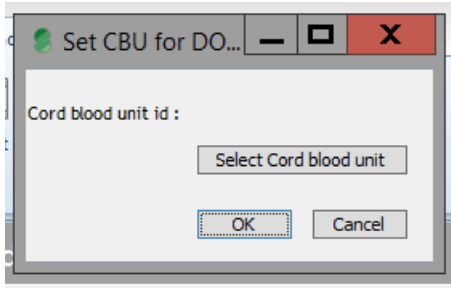
Donor Status	Status Reason	Count
Available		6788
Temporarily unavailable	Quarantined (CBU)	6
Donor deleted	After transplantation	61
Available	no sample available (for CBU's only)	2
Donor deleted	Expired (CBU)	2
Donor deleted	Distributed for infusion (CBU)	2
Temporarily unavailable		3
Available	Medical reasons	1
Donor reserved		36
Donor deleted	Cord Destroyed or Damaged (CBU)	2
Donor deleted	Other reasons	41
Donor deleted		48
Temporarily unavailable	Administrative (CBU)	2

b. DONREP171 BE Cord Blood Unit report:

Report DON171 is created for Cord Blood Bank use: the report displays characteristics of the unit.

DONREP151.FR3	Basic IDM report(selected donor)
DONREP152.REP	IDM report
DONREP153.REP	Letter labels donor report
DONREP170.REP	LYRT004 - Donor information report
▶ DONREP171.FR3	Cord Blood Unit report - BE
DONREP171.REP	IVRT004 - Unit report
DONREP180.REP	DONOR TYPING REPORT
DONREP181.REP	IDM report

DONREP171 will open the next window screen:



Then press OK : the cord blood report will be edited:

UNIT HLA TYPING								
A or A*	B or B*	C or C*	DR or DRB1	DRB3	DRB4	DRB5	DQ or DQB1	DPB1
02:RGPK	27:EKN	02:TP SB	11:01				03:SNFR	
	40:NZDG	03:TP SK	13:01				06:KHMP	
<u>UNIT CHARACTERISTICS</u>				<u>CBU MATERNAL</u>				
Collected net volume of CBU	125	ml		Mat AL ser	2		Mat AL ser quant	1,5
Volume frozen CBU	21	ml		Mat AL pla	1		Mat AL pla quant	1,5
Collected net number of nucleated cells	183,69	10 ⁷		Maternal CMV	Both IgG and IgM negative			
Number of nucleated cells in frozen CBU	163,02	10 ⁷		EBV				
Collected number of CD34+ cells	0	10 ⁶		TOXO				
Number of CD34+ cells in frozen CBU	3,2	10 ⁶		HBS AG pos./neg.	Negative		WNV	?
Collected number of mononucleated cells	0	10 ⁹		ANTI HBC	Negative		Chagas	?
CFU preserved	0	10 ⁹		ANTI HBS	?		HBV NAT	Negative
Method of volume reduction	Other			ANTI HCV	Negative		CMV NAT	?
<u>Bookmark CBU II</u>				ANTI HIV12	Negative		PB 19 NAT	?
Bag ID	-----			HIV 1 NAT	Negative			
Bag type	CBU Contiguous Attached Segment			HIV P24	?			
No. bags	1			HCV NAT	Negative			
Sample type	CBU Contiguous Attached Segment			HTLV	Negative			
Collection date	3/05/2001			<u>Bookmark CBU IV</u>				
CT complete date				ANTI HBC			ATT SEG	1
Bacterial culture	Negative			ANTI HCV			OTH SMPL	Y
Process meth	Optipress			ANTI HIV 12	?		DNA SMPL	Y
Process date	4/05/2001			HIV 1 NAT	?			
Freeze meth.	Controlled Rate			WNV	?			
Freeze date	4/05/2001			Chagas	?		HCV NAT	?
Fungal culture	Negative			HBV NAT	?		ALred BC	0
Prod. mod.	Plasma and RBC Reduced			CMV NAT	?			
Hemo status	Can be done at time of release			AL ser	0		ser quant	0
RED BC	0			AL pla	3		pla quant	1,5
Viability	62							
Viability date	3/09/2001							

III.IX. ANALYTICAL TOOL

Please see [chapter II.X. Analytical tool](#).

IV. EMDIS

IV.I. INTRODUCTION

EMDIS (European Marrow Donor Information System) is a communication system for the data exchange between bone Marrow Donor Registries, Transplant Centers, Donor Centers, HLA labs, and Cord Blood Banks.

The term **HUB** is used for the Donor Center or Transplant Center sending or receiving EMDIS messages. In Prometheus **Belgium** is considered as an EMDIS country. The activation of a Belgian search will be processed as an EMDIS search activation, as well as the reported results from Belgian donors.

The term “**donor**” means “**stem cell donor**” or “**cord blood unit**”.

Each request is uniquely determined by the donor, patient identifier, the category of request and the date of request.

The user is not allowed to create duplicate requests, if necessary, cancel the previously created request before creating new ones. The request received from abroad will be rejected if it is duplicate.

The donor status in the EMDIS system can take following values:

AV (Available):	the donor is available for transplantation.
TU (Temporarily Unavailable):	the donor is temporarily unavailable. The reason why and the period of unavailability must be indicated.
RS (Reserved):	the donor is reserved.
OP (Other Patient):	the donor is reserved for another patient.
DE (Deleted):	the donor is deleted from the Registry. The reason is indicated.

IV.II. EMDIS MESSAGES

IV.II.1. New and old messages – requests without answers

In the Emdis window panel the requests without answer, new and old messages will be displayed.

This panel allows to print reports, and analytic tool for incoming typing and sample requests.

Rq. w/o answer – pending messages

New – all recently received or sent messages

Old – messages marked by the user as processed will be listed under the EMDIS – old section.

Reports – EMDREP001 – EMDIS messages

Analytic tool for incoming typing requests

Analytic tool for incoming sample requests

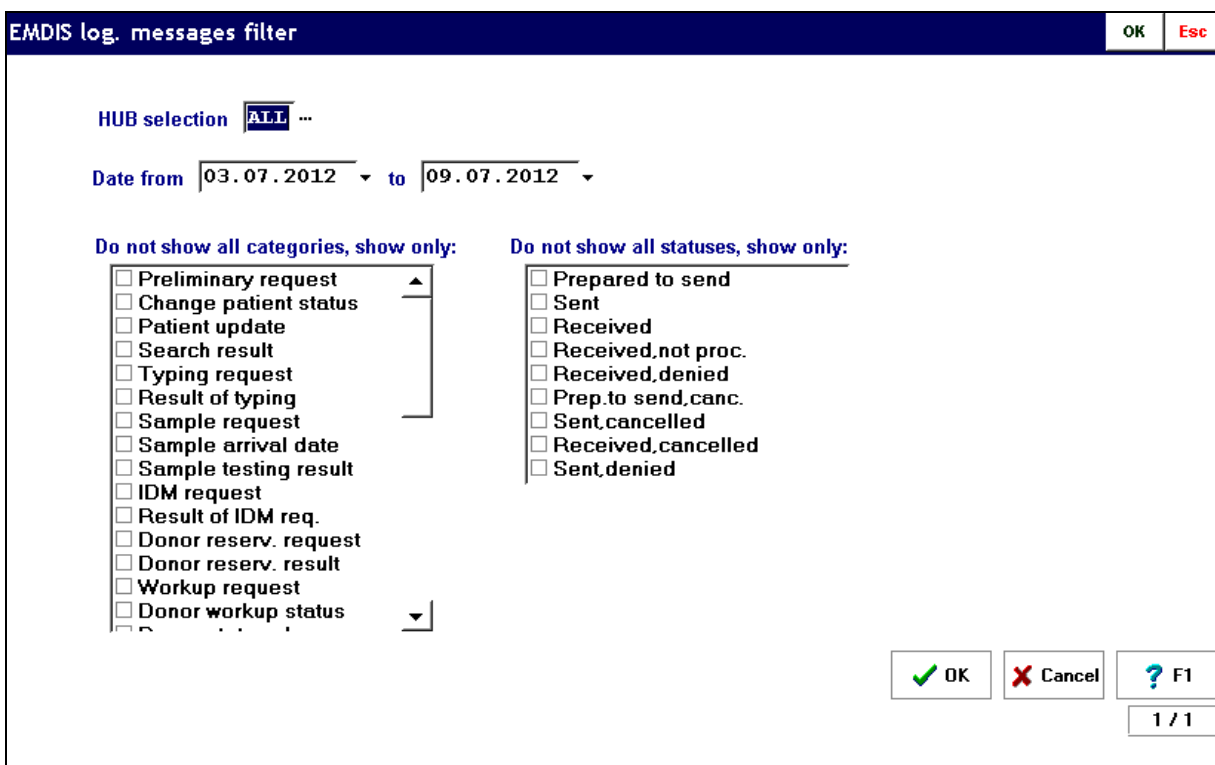
New messages:

Another way to check new arrival of messages or old messages is by going to the “EMDIS menu” and when you press EMDIS the new messages will be displayed on the window screen:

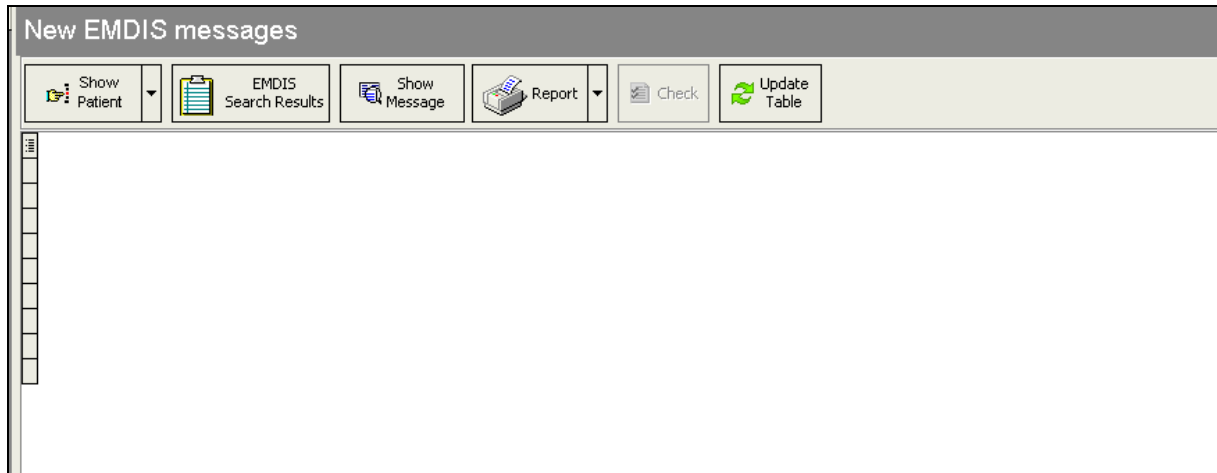



Old EMDIS messages:

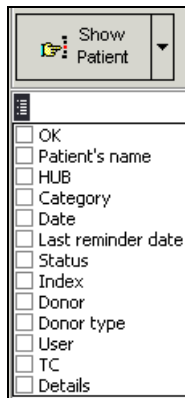
It is possible to use the filter to add some conditions to the messages you want to display. You can limite e.g. the date range (date from ... to ...) and make a selection of message type.



The first time you login the Emdis new – old – Requests without answer will be an empty screen:

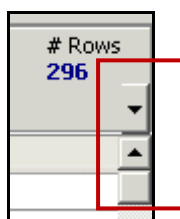
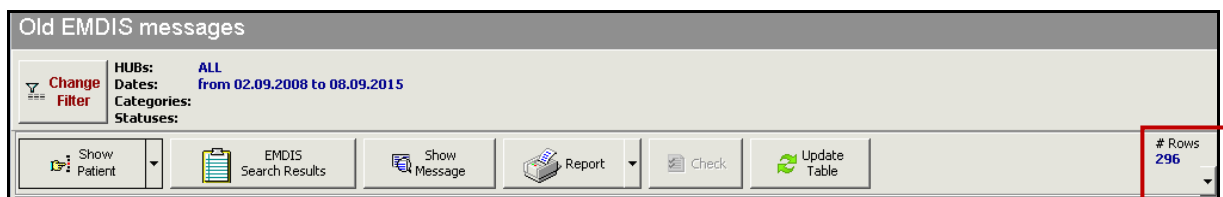


Click on the small button in the left upper corner , to display all available columns :



Your selection will be saved for your following login sessions. Don't forget to select the “OK”, as this option serves to change the status of the Emdis from new to old.

You can store the user settings by selecting the arrow on the right:

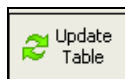


- Restore user settings
- Store user settings
- Delete user settings
- Store as default

IV.II.2. Window panel EMDIS messages

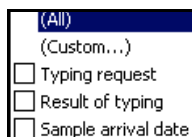
- When you tick the OK box (in the table of the messages), you indicate that you have consulted the message and it will be saved in the **old messages** category.

New EMDIS messages										
<input type="checkbox"/> Show Patient <input type="checkbox"/> EMDIS Search Results <input type="checkbox"/> Show Message <input type="checkbox"/> Report <input type="checkbox"/> Check <input type="checkbox"/> Update Table										
<input type="checkbox"/> OK	Patient's name	HUB	Category	Date	Status	Donor	User	TC	Details	
<input type="checkbox"/>	Patientb	BE	Typing request	9/11/2012	Received					
<input type="checkbox"/>	Patientb	BE	Typing request	9/11/2012	Received					



Press update table to update the new EMDIS messages list, the message you consulted will be removed from the list.

- Column headings of the table behave intelligent: if you click on them, you can sort them by ascending or descending order.
- You can **filter** the displayed values in this column by the click on the arrow in the column heading.



- You can edit the column **width**.
- You can change the displayed order of the columns by the "drag & drop" of the column heading between two other column headings.
- The title bar of a message consist of the following tabs:

- Patient's name: patient name;
- HUB: code of the Registry;
- Category: type of request;
- Date: request date;
- Status: EMDIS status of the message: received, cancelled, ... ;
- Donor: donor code;
- TC: in some cases the Transplant Centers TC codes are included in the message;

IV.II.3. Status of messages

The status of the message can be consulted in the status field:

Show Patient		EMDIS Search Results		Show Message		Report		Check		Update Table	
OK	Patient's name	HUB	Category	Date	Status	Donor					
<input checked="" type="checkbox"/>	Last Name First Name	SX	Preliminary request	02.07.2012	Prepared to send						

The different options:

- **Prepared to send:** the message has not yet been sent, will be sent with next processing session
- **Sent:** the message has been sent
- **Received:** message received
- **Prep. to send, canc.:** the message was cancelled before being sent
- **Sent, cancelled:** the message has been sent, but cancelled afterwards
- **Received, cancelled:** the message has been received, but cancelled later by the sender
- **Received, not proc.:** received search request but the system has not yet done a search. This is a very temporary state.
- **Received, denied:** a formal message denial because breaking EMDIS rules

IV.II.4. Message contenance

This chapter describes the window browsing of the messages:



Clicking on the message or selecting "show message" will open the message:

New EMDIS messages											
Show Patient		EMDIS Search Results		Show Message		Report		Check		Update Table	
Show Donor	HUB	Category	Date	Status	Donor	User	TC	Details			
<input type="checkbox"/>	BE	Cancel of a request	12/12/2012	Received			BETRA				

Show patient – not applicable for donor management

Show donor - you can switch to the donor records file to consult the donor record and the list of donor messages

The message consists of 3 tabs: **General** – **Physical messages** – **Content**.

When you open the message the **Content tab** will be immediately opened.

The basic information of your message (request – result) is available in the screen: the buttons below will allow you either print the message, create a WMDA report or to send an answer (result, warning, reminder, cancellation, ...) to the other HUB (or Belgium).

The EMDIS system data message is available in the **Physical message tab**, technical information about the message (inserted in the database, status, message number,) is available in the **General tab**.

IV.II.5. Overview of message types

In the table below of the different message types (donors, but patients as well).

Message title	Description
PAT_UPD	New patient registration
PAT_STAT	Patient status change
PAT_ALTPH	Patient alternative phenotype registration (IS NOT USED ANY MORE)
DONOR_CB	List item of convenient donors for patient (one donor or cord blood)
PHEN_LIST	List item of convenient phenotypes for patient (one phenotype).
MATCH_SUM	Summary of search result for patient.
TYP_REQ	Request of further donor type testing.
TYP_RES	Result of further donor type testing
SMP_REQ	Request of sending of donor blood sample.
SMP_ARR	Supposed date of delivery of donor blood sample.
SMP_RES	Sample test result.
IDM_REQ	Request of sending of infectious illness sample.
IDM_RES	Result of request of sending of infectious illness sample.
RSV_REQ	Request of donor reservation for transplantation purpose.
RSV_RES	Result of reservation.
REQ_CAN	Request cancel.
WOR_REQ	Request of starting work on transplantation.
MARR_STAT	State of „work“ with donor.
NEW_ADD	Register data update.
MSG_DEN	Request rejection.
WARNING	Warning message.
TXT_MSG	Text message.
DON_UPD	Donor downloading. (not used)
SEA_RES	Search result. (not used)
NO_RES	No result. Service cannot be settled.
MSG_ACK	Received messaged confirmation.
RES_REM	Unsettled request remind.
ALM_REQ	Donor alternative phenotype reservation.
ALM_RES	Same as DONOR_CB, but it is used as answer to ALM_REQ
CBR_REQ	Request of supplemental information about Cord blood unit

IV.II.6. Automatic warnings and message denials

- **Patient status changed**
Type: warning
- **Institution is not registered in HUB XX**
Type: warning

- **Cannot change patient status**
Type: Message denial
- **Cannot change patient status**
Type: Message denial
- **Invalid fax or phone format**
Type: Message denial
- **Invalid institution type**
Type: Message denial
- **Request has already result**
Type: Message denial
- **Request has already result or it has been already cancelled**
Type: Message denial
- **Request does not exist or it has been denied or cancelled**
Type: Message denial
- **Your request has been denied**
Type: Message denial
- **Our request has been cancelled**
Type: Message denial
- **Your request has been cancelled**
Type: Message denial
- **Our request has been denied**
Type: Message denial

IV.III. RECEIVING REQUESTS – REPORTING RESULTS

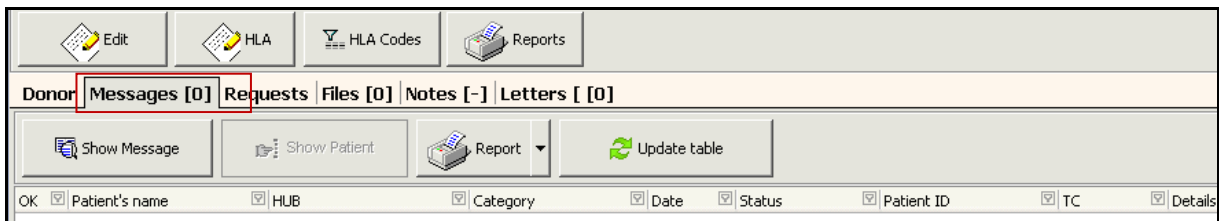
A Donor Center (Cord Blood Bank) can receive requests from 3 parties : EMDIS patients, Belgian patients and non EMDIS patients (entered by the MDPB-R search coordinator).

The following messages will arrive :

- a. Typing request
- b. Sample request
- c. IDM request
- d. CBU unit report
- e. Reservation request

The tools offered in these messages (reporting result, printouts, WMDA forms) are the same for the different folders and are explained below.

Click on **Messages** to display the list of received and sent messages (the number of available messages between brackets);



Show message - will open the message

Show patient - not applicable for donor management

Report - offers the possibility the print the message or the WMDA form

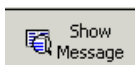
Update table - to display new messages or replies you sent


NEW:

“Messages”: all messages will be listed under messages.

“Requests”: all requests will be listed under requests with additional status info .

IV.III.1. Typing request (TYP_REQ)



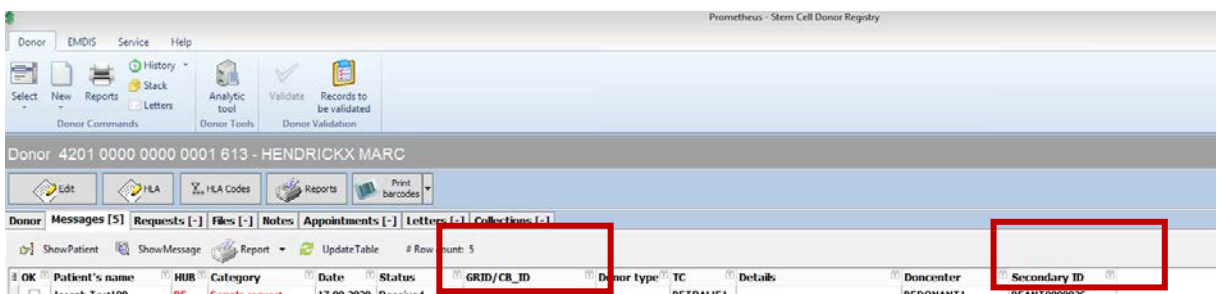
Double click or click on  to open the request screen:

New EMDIS messages

OK	Patient's name	HUB	Category	Date	Status	Donor	TC
<input type="checkbox"/>		BE	Typing request	13/12/2012	Received		BETRAVUB1
<input type="checkbox"/>		BE	Typing request	12/12/2012	Received		BETRAVUB1
<input type="checkbox"/>		BE	Typing request	12/12/2012	Received		BETRAVUB1
<input type="checkbox"/>		BE	Typing request	12/12/2012	Received		BETRAVUB1
<input type="checkbox"/>		B	Typing request	10/12/2012	Received		BETRAKUL1
<input type="checkbox"/>		BE	Typing request	8/11/2012	Received		BETRAKUL1
<input type="checkbox"/>		BE	Result of typing	8/11/2012	Sent		BETRAKUL1

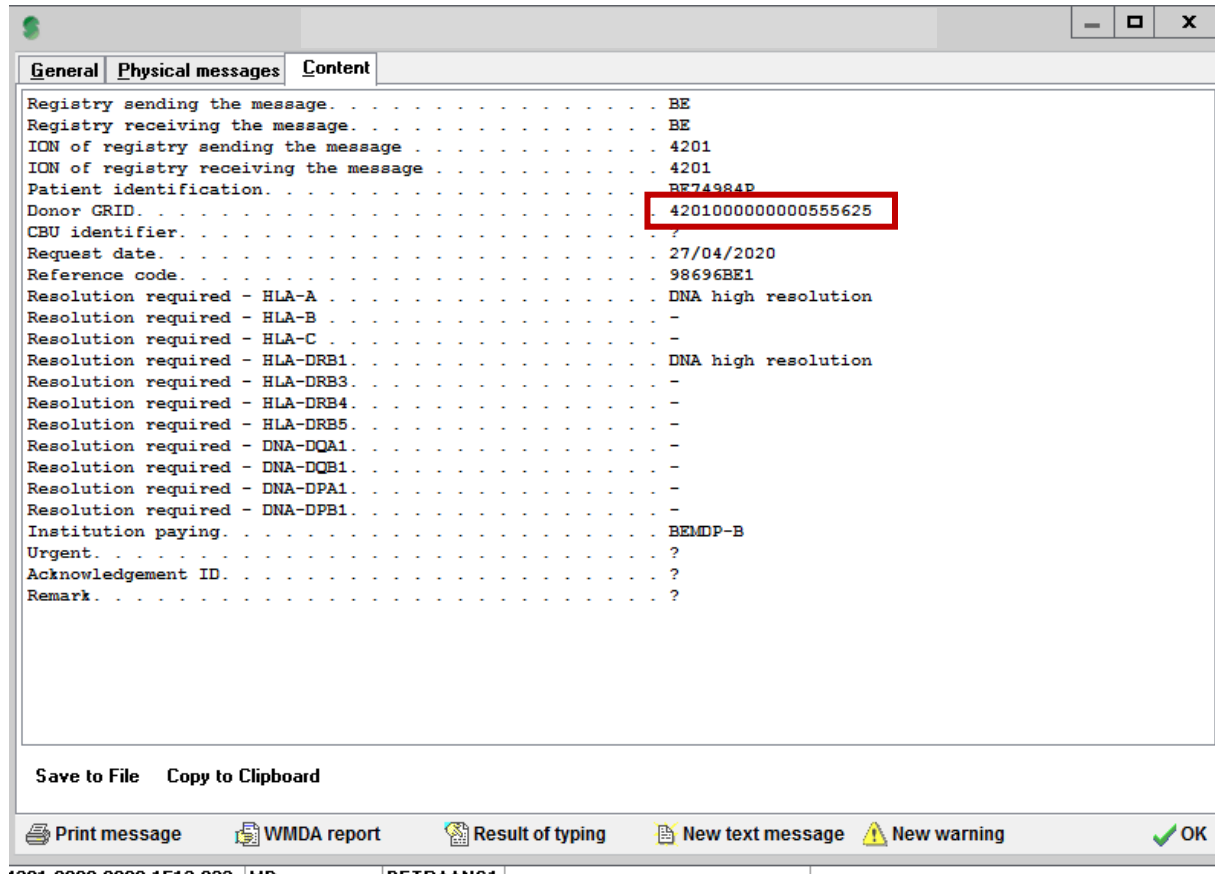
NEW: field donor GRID.

The old code (now called the secondary ID) will still be displayed for historical reasons.



Double click and go to the tab “content”: patient ID, requesting country, donor ID, request date and the requesting resolutions will be displayed. The tab “Content” allows you to have printouts or report the result by clicking on the buttons below:

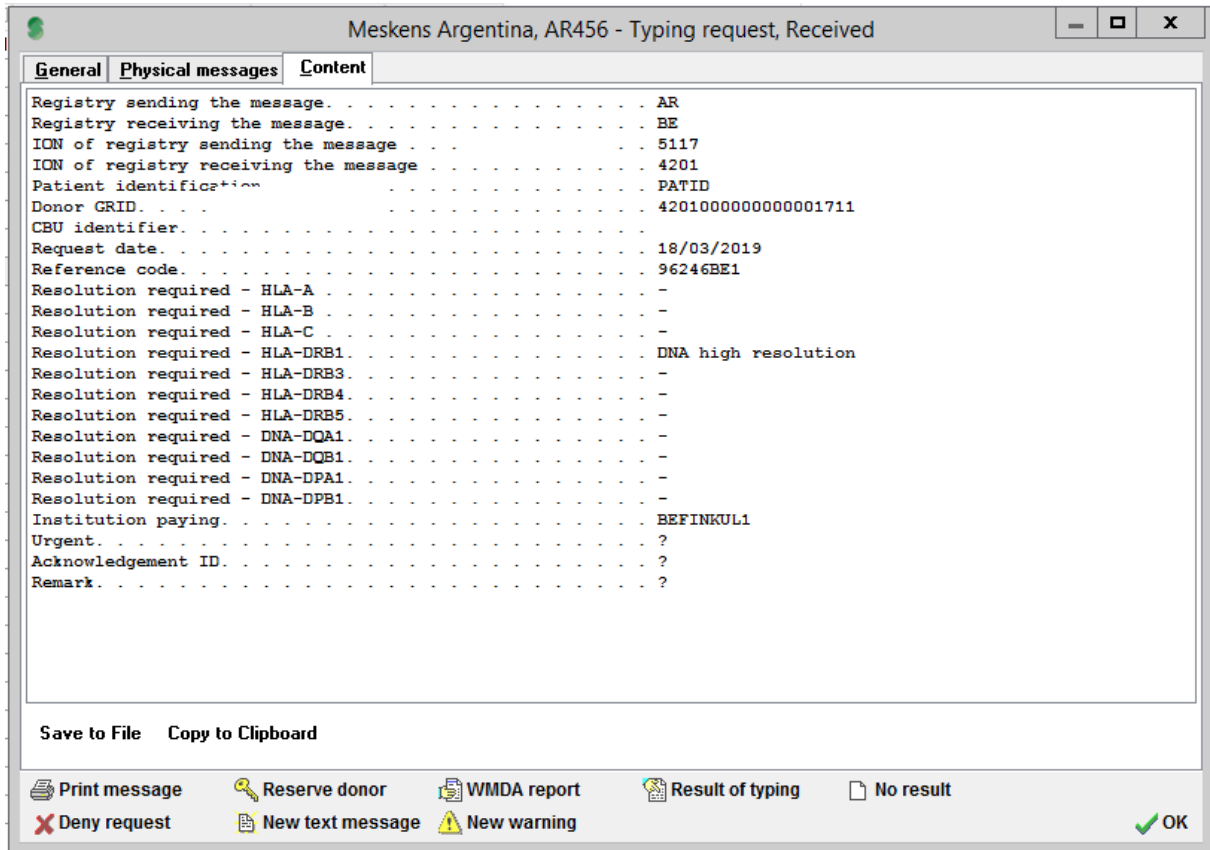
In the message the old code (the secondary ID) will no longer be displayed, as this information is sent to international partners.



The following actions are possible:

- Print message
- Print WMDA report
- Result of typing
- No result
- Deny request
- New text message
- Reserve donor
- New warning

1. Print message:



When printed, the old secondary code will not be displayed.

2. Print WMDA report:

The request can also be printed on a prefilled WMDA form by clicking:  .:

The WMDA S20 Request for extended donor HLA typing report will be printed:



Marrow Donor Program Belgium - Registry

Motstraat 40
 2800 Mechelen
 2800, Mechelen
 +32-15443396
 +32-15443656
 mdpb-registry@rodekruis.be

S20

REQUEST FOR EXTENDED DONOR HLA TYPING

Page 2 of 2

Urgent request

PATIENT DATA	
Patient name: <u>Meskens Argentina</u>	
Patient registry: <u>AR</u>	
Diagnosis: <u>Acute Myelogenous Leukaemia</u>	
Patient ID: <small>(assigned by patient registry)</small>	Patient ID: <small>(assigned by donor registry)</small>
<u>AR456</u>	<u>PATID</u>
Date of birth: (YYYY-MM-DD) <u>1970-03-18</u>	

HLA TYPING REQUEST DONOR 1,2,3	
Donor ID: <u>BEANT0000030</u>	
GRID number: <u>420100000000001711</u>	
A	<input type="checkbox"/>
B	<input type="checkbox"/>
C	<input type="checkbox"/>
DRB1	<input checked="" type="checkbox"/>
DRB3/4/5	<input type="checkbox"/>
DQA1	<input type="checkbox"/>
DQB1	<input type="checkbox"/>
DPA1	<input type="checkbox"/>
DPB1	<input type="checkbox"/>


Comments:

The old pre GRID code (secondary code) will still be printed.

3. Result of typing

To enter a typing result, you first need to **Edit** the donor file (HLA typing update) and validate afterwards before you can send the result to the requesting Registry.

When the update has been done, you can immediately go to the EMDIS message to send the result via EMDIS:

Press  and the first screen (of 4) will be displayed:

Enter a remark if necessary, type of sample of cord blood unit is not applicable for donors.

HUB:	BE	ION:	4201
Patient identification:	PATID	GRID / CB_ID:	4201 0000 0000 0001 711
		Reference code:	96246BE1

Remark



Type of sample of cord blood unit (if applicable)

PageDown = next page

insert text of max. length 55 characters



Screen 2/7 : DOB – sex – blood group – CMV are displayed:

Donor date of birth:	21/10/1958
Donor sex:	M
Donor blood group and rhesus:	?
Donor CMV status:	?
Date of CMV test:	

PageUp = previous page PageDown = next page  OK  Cancel 2 / 7

Screen 3/7 -> 6/7 : Complete HLA data are displayed

Donor HLA-A, 1st antigen	2	...
Donor HLA-A, 2nd antigen		...
Donor HLA-B, 1st antigen	35	...
Donor HLA-B, 2nd antigen	18	...
Donor HLA-C, 1st antigen		...
Donor HLA-C, 2nd antigen		...
Donor DNA-A, 1st allele		...
Donor DNA-A, 2nd allele		...
Donor DNA-B, 1st allele		...
Donor DNA-B, 2nd allele		...
Donor DNA-C, 1st allele		...
Donor DNA-C, 2nd allele		...

PageUp = previous page PageDown = next page  OK  Cancel 3 / 7

Fill in a HLA-A antigen code F3-table selection

Donor HLA-DR, 1st antigen ...

Donor HLA-DR, 2nd antigen ...

Donor HLA-DQ, 1st antigen ...

Donor HLA-DQ, 2nd antigen ...

PageUp = previous page PageDown = next page OK Cancel 4 / 7

Fill in a HLA-DR antigen code F3-table selection

Donor DNA-DRB1, 1st allele ...

Donor DNA-DRB1, 2nd allele ...

Donor DNA-DRB3, 1st allele ...

Donor DNA-DRB3, 2nd allele ...

Donor DNA-DRB4, 1st allele ...

Donor DNA-DRB4, 2nd allele ...

Donor DNA-DRB5, 1st allele ...

Donor DNA-DRB5, 2nd allele ...

PageUp = previous page PageDown = next page OK Cancel 5 / 7

Fill in a DNA-DRB1 allele code F3-table selection

Donor DNA-DQA1, 1st allele	<input type="text"/>	...
Donor DNA-DQA1, 2nd allele	<input type="text"/>	...
Donor DNA-DQB1, 1st allele	<input type="text"/>	...
Donor DNA-DQB1, 2nd allele	<input type="text"/>	...
Donor DNA-DPA1, 1st allele	<input type="text"/>	...
Donor DNA-DPA1, 2nd allele	<input type="text"/>	...
Donor DNA-DPB1, 1st allele	<input type="text"/>	...
Donor DNA-DPB1, 2nd allele	<input type="text"/>	...

PageUp = previous page PageDown = next page

Fill in a DNA-DQA1 allele code F3-table selection

OK Cancel 6 / 7

◀ ▶

Screen 7/7 : Display of requested typing resolutions :

HLA-A:	-	HLA-DRB5:	-
HLA-B:	-	DNA-DQA1:	-
HLA-C:	-	DNA-DQB1:	-
HLA-DRB1:	DNA high resolution	DNA-DPA1:	-
HLA-DRB3:	-	DNA-DPB1:	-
HLA-DRB4:	-		

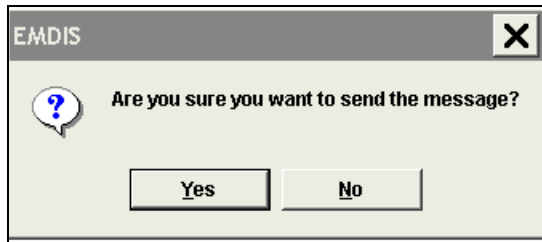
PageUp = previous page

F3 page mouse button=selection table, +/-space, 0=?, 1=Yes, 2=no

OK Cancel 7 / 7

◀ ▶

Press "OK" to send the message:



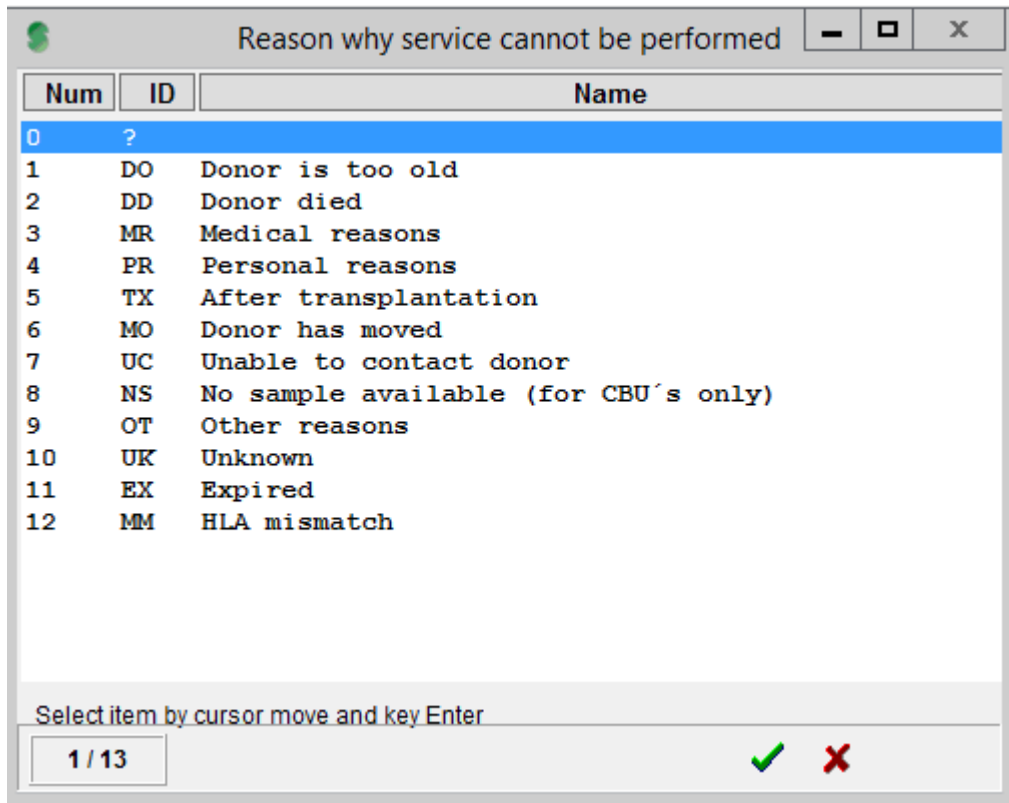
The typing results will be queued in the messages, and receive status “**prepared to send**” : the message will be sent with the next processing session. Afterwards it will receive status “**message has been sent**”.

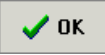
4. No result : service cannot be performed (NO_RES)

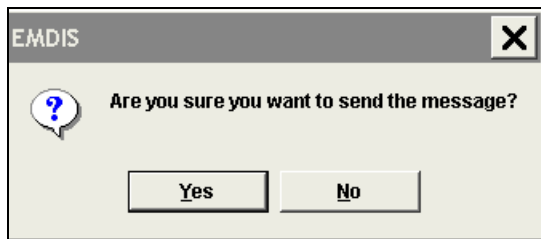
The no result message informs the requesting hub that a service cannot be performed. Several no result messages are allowed for the same request since they can be considered as an update to the result.

HUB:	BE	ION:	4201
Patient identification:	187TEST3		
GRID / CB_ID:	4201 0000 0000 0107 218		
Request date:	6/04/2020		
Reference code:	98392BE1		
Type of request:	TYP		
Reason	<input style="width: 100%;" type="text" value="?"/>		
Remark	<input style="width: 100%;" type="text"/>		
	<input style="width: 100%;" type="text"/>		
	<input style="width: 100%;" type="text"/>		

Select the appropriate reason and press :



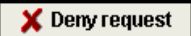
Press  to confirm your message :



Press "yes" and the message will be queued for the next processing session.

5. Deny request: message denial (MSG_DEN)


The software contains functions to automatically send out message denials. This message will not be processed at the other side and has to be resent.

Press  to open the "message denial screen":

Donor Patient : Message denial		OK	Esc
HUB:	DE		
Patient identification:			
Donor identification:			
Code operation of original message:	TYP_REQ		
Origin of denial:	CREATED_BY_STAFF		
Reference code:	1074877		
Explanation (remark)	<input type="text"/>		
	<input type="text"/>		
	<input type="text"/>		
		<input type="button" value="OK"/>	<input type="button" value="Cancel"/>
		<input type="button" value="F1"/>	<input type="button" value="1 / 1"/>

Enter the reason why the service cannot be performed and press “yes” to confirm:

EMDIS X

 Are you sure you want to send the message?

6. New text message (TXT_MSG)

The text message has a comment function for a patient/donor pair to send to the remote database. It can be used to transmit free text messages between hubs, however this communication should be limited (email).

HUB: DE

Donor identification: Patient identification:

Date sent 25.07.2012

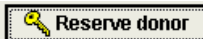
Text (1/2)

OK Cancel ? F1

PageDown = next page

1 / 2

7. Reserve donor

Press  to open the donor reservation window screen, set time frame. The donor record will be updated, and the record will be reserved for this patient until the defined end of reservation period.

Reserve donor

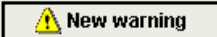
GRID/CB_ID 4201 0000 0000

Patient ID 187TEST3

Reserve from 3/08/2020 to 3/10/2020

OK Cancel

8. New warning

It is possible to send a warning message to the Hub via the . The warning has an informational character. The message is processed, but has not to be resent.

Donor _____, Patient _____ : Warning message OK Esc

HUB: DE

Patient identification:

Donor identification:

Code operation of original message: TYP_REQ

Origin of denial: CREATED_BY_STAFF

Reference code: 1074877

Explanation (remark)

IV.III.2. Sample request

The following actions are possible:

- Print message
- Print WMDA report
- Sample arrival date
- Result of IDM
- No result (same as typing request)
- Deny request (*same as typing request*)
- New text message (*same as typing request*)
- Reserve donor (*same as typing request*)
- New warning (*same as typing request*)
- New sample info

New EMDIS messages								
ShowPatient EMDIS Search Results ShowMessage Report Check UpdateTable # R								
OK	Patient's name	HUB	Category	Date	Status	GRID/CB_ID	Donor type	
<input type="checkbox"/>	Test Patient2	TRIS	Sample request	06.05.2020	Received	4201 0000 0000 0002 315	MD	
<input type="checkbox"/>	Test Patient2	TRIS	Sample request	06.05.2020	Received	4201 0000 0000 0824 017	MD	
<input type="checkbox"/>	Test Patient1	TRIS	Sample request	05.05.2020	Received	4201 0000 0002 5833 413	MD	

Select the "sample request" and double click to open the request screen. Details and blood sample requirements of the request are displayed in the **Content tab**:

Test Patient2, 187PATIENT2 - Sample request, Received

General Physical messages Content

```

Registry sending the message. . . . . TRIS
Registry receiving the message. . . . . BE
ION of registry sending the message . . . . . 5509
ION of registry receiving the message . . . . . 4201
Patient identification. . . . . 187PATIENT2
Donor GRID. . . . . 42010000000000002315
CBU identifier. . . . . ?
Request date. . . . . 6/05/2020
Reference code. . . . . 98808BE1
First product required. . . . . EDTA
First product quantity per tube . . . . . 5
Number of tubes for the first product . . . . . 1
Second product required . . . . . ?
Second product quantity per tube. . . . . ?
Number of tubes for the second product. . . . . ?
Third product required. . . . . ?
Third product quantity per tube . . . . . ?
Number of tubes for the third product . . . . . ?
Fourth product required . . . . . ?
Fourth product quantity per tube. . . . . ?
Number of tubes for the fourth product. . . . . ?
Earliest date of sample reception . . . . . 7/05/2020
Latest date of sample reception . . . . . 6/05/2020
Weekdays acceptable for reception - Monday . . . . . Yes
Weekdays acceptable for reception - Tuesday . . . . . Yes
Weekdays acceptable for reception - Wednesday . . . . . Yes
Weekdays acceptable for reception - Thursday. . . . . Yes
    
```

Save to File Copy to Clipboard

Print message Reserve donor Result of IDM WMDA report Sample arrival date
 No result Reminder Deny request New sample info New text message
 New warning

The fields “earliest and latest date of sample reception” represent the lower and upper limit of a period of time in which the blood sample has to be received. If the second date is missing, the sample may be received any time after the first date.

Only one sample request can be open for a patient / donor pair.

You can click on the institution line to open the address coordinates:

Sample request, Received

General | Physical messages | **Content**

Registry sending the message. Registry receiving the message. Patient identification. Donor identification. Request date. Reference code. First product required. First product quantity per tube. Number of tubes for the first product. Second product required. Second product quantity per tube. Number of tubes for the second product. Third product required. Third product quantity per tube. Number of tubes for the third product. Fourth product required. Fourth product quantity per tube. Number of tubes for the fourth product. Earliest date of sample reception. Latest date of sample reception. Weekdays acceptable for reception - Monday. Weekdays acceptable for reception - Tuesday. Weekdays acceptable for reception - Wednesday. Weekdays acceptable for reception - Thursday. Weekdays acceptable for reception - Friday. Weekdays acceptable for reception - Saturday. Weekdays acceptable for reception - Sunday. Institution the sample has to be sent to. Institution paying. Urgent. Remark.	<p>Address</p> <p>Institution Type: <input type="text" value="Typing Laboratory"/></p> <p>Institution Identification: <input type="text" value="DE2233"/></p> <p>Address Line 1: <input type="text" value="DRK-BSD BADEN-WUERTTEMBERG - HESSEN"/></p> <p>Address Line 2: <input type="text" value="GEWEBETYPISIERUNGSLABOR (HLA)"/></p> <p>Address Line 3: <input type="text" value="SANDHOFSTR. 1"/></p> <p>ZIP code: <input type="text" value="60528"/></p> <p>City: <input type="text" value="FRANKFURT"/></p> <p>Country: <input type="text" value="DE"/></p> <p>Contact person: <input type="text" value="DR. CH. SEIDL"/></p> <p>Phone Number: <input type="text" value="+49-69-6782-218"/></p> <p>Fax Number: <input type="text" value="+49-69-6782-217"/></p> <p>Email address: <input type="text"/></p>
---	---

Save to file Copy to clipboard

1. The message can be printed via the or .
2. **WMDA report: S40 Blood sample request for verification typing.**

Both the GRID code as the old donor code (Pre GRID) will be printed on the form.



Marrow Donor Program Belgium - Registry
 Motstraat 40
 2800 Mechelen
 2800, Mechelen
 +32-15443396
 +32-15443656
 mdpb-registry@rodekruis.be

S40 BLOOD SAMPLE REQUEST FOR VERIFICATION TYPING

Page 1 of 2

PATIENT DATA	
Patient name: Test Patient2	
Patient registry: TRIS	
Diagnosis: Acute Lymphoblastic Leukaemia	
Patient ID: (assigned by patient registry)	Patient ID: (assigned by donor registry)
187PATIENT2	187PATIENT2
Date of birth: (YYYY-MM-DD)	Gender:
1971-07-15	
Transplant center: BETCFRGN	

DONOR(s)	
Donor ID(s)	GRID number(s)
1 BEANT0000036	4201 0000 0000 0002 315
2	
3	
4	
5	
6	

BLOOD SAMPLE REQUIREMENTS (recommended maximum = 50 mL - please provide clinical reasons for greater volumes)	
5 mls EDTA	Acceptable days of the week to receive samples: (check all that apply)
mls heparin	<input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday
mls ACD	<input checked="" type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input type="checkbox"/> Saturday
mls no anticoagulant	<input type="checkbox"/> Sunday
mls	

DISCLAIMER: The cell products collected from the donor are intended solely for the purpose of diagnostic testing on behalf of the above mentioned patient. No other use is permissible. Excess blood volume is allowed for quality control testing only but not for research purposes. Any portion of the cells not used for the intended testing must be disposed of properly. By accepting these cells, the transplant physician also accepts these terms and conditions. Requests for deviations from these terms must be submitted in writing to the donor registry for approval.

Courier Service: VT samples will automatically be shipped using a courier service chosen by the donor center. The fees for this VT sample are based on the use of this courier service. If you prefer that the samples be shipped using a specific courier service, please list that courier service below. Additional fees may be applied.

Preferred courier service:

S40

BLOOD SAMPLE REQUEST FOR VERIFICATION TYPING


Page 2 of 2

PATIENT DATA	
Patient name: Test Patient2	
Patient registry: TRIS	
Patient ID: (assigned by patient registry) 187PATIENT2	Patient ID: (assigned by donor registry) 187PATIENT2

Samples to be shipped to:	Invoice(s) to be sent to: Copy shipping address
Institution: FRMU02	Institution: BEFINKUL1
Address: LABORATOIRE DE CULTURES MIXTES Centre Regional de Transfusion Sanguine	Address: U.Z. LEUVEN CAMPUS GASTHUISBERG Sofhea
ZIP code:	ZIP code: 3000
City: 67085 STRASBOURG	City: LEUVEN
Country: FR	Country: BE
Attention: Dr URLACHER / Dr TONGIO	Attention: Carla Collijs / Diane Reggers
Phone:	Phone: +32-16-346882
Fax:	Fax: +32-16-346883
E-mail:	E-mail: sofhea@uz.kuleuven.be

Comments:

Person completing form:	Date: (YYYY-MM-DD) 2020-08-03	Signature:
-------------------------	----------------------------------	------------

- Click the  **Sample arrival date** to enter the blood sample arrival date:

Donor 4201 0000 0000 0002 315, Patient Test Patient2: Date suggested for arrival of sample OK Esc

HUB: BE ION: 4201

Patient identification: 187PATIENT2

GRID / CB_ID: 4201 0000 0000 0002 315 Reference code: 98808BE1

Acknowledgement

Proposed date of sample arrival

Verbatim CT sample label ID

Remark

Type of sample of cord blood unit (if applicable)

Scheduled Collection Date

OK
 Cancel
 1 / 1

F3 right mouse button=selection table 0=no,0 1=yes,1

New : "Scheduled collection date": new EMDIS release requires scheduled collection date:

Acknowledgement Id – if you wish to receive a message from the Transplant Center that they received the message select yes.

Proposed date of sample arrival - suggested arrival date.

Verbatim Ct sample label ID – donor label ID (if not used unknown).


Remark - optional (120 characters)

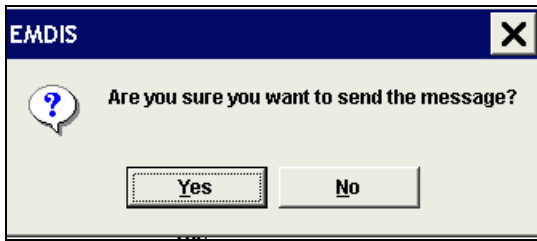
(in case of cord blood)

Type of sample of cord blood unit (if applicable): CB sample type

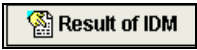
- 0: ?
- 1: CBU contiguous Attached Segment
- 2: whole Blood sample
- 3: Red cell Fraction (pellet)
- 4: Blood Spotted Filter Paper
- 5: Extracted DNA

Scheduled collection date: date of blood sample collection

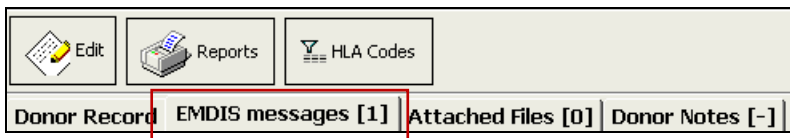
Press  to confirm the date, and press “yes” to send the EMDIS message:



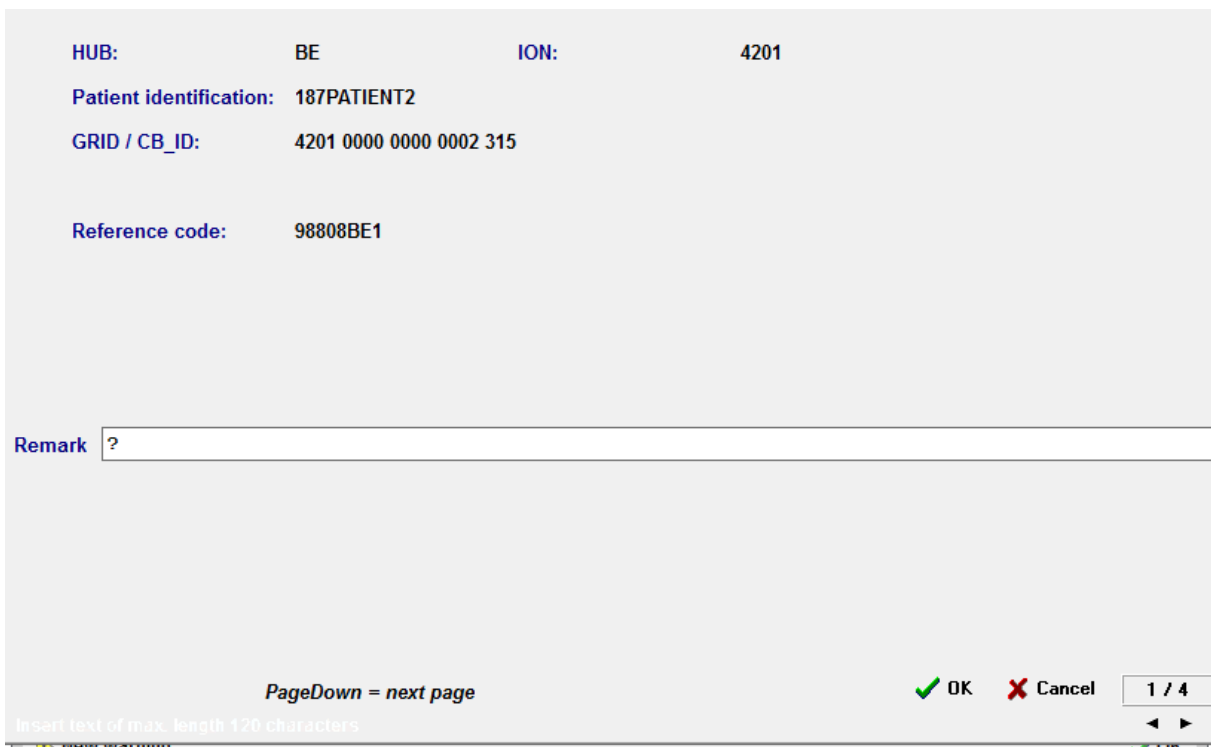
The message will be queued for processing, and receive status “**prepared to send**”.

4. Click the  button, to open the window screens (4 pages):

The first screen of 4 pages will be opened. Don't forget that this tool will send the IDM results, but does not offer data entry: **the IDM results need to be entered in the donor record via edit**. When you select the donor for editing, you can immediately go to the tab “EMDIS messages” to send the message:



At the first screen a remark (120 characters) can be added:



The requested markers are indicated in screen 2/4:

Infectious disease markers requested/performed

Blood group and rhesus	<input type="text" value="yes"/>	Antibody to Hepatitis B surface antigen	<input type="text" value="yes"/>
CMV status	<input type="text" value="yes"/>	Antibody to Hepatitis B core antigen	<input type="text" value="yes"/>
Toxoplasmosis	<input type="text" value="yes"/>	Antibody to Hepatitis C virus	<input type="text" value="yes"/>
EBV	<input type="text" value="yes"/>	Lues status (Treponema pallidum)	<input type="text" value="yes"/>
HIV status	<input type="text" value="yes"/>	ALT status	<input type="text" value="yes"/>
HIV P24	<input type="text" value="yes"/>	Antibody to HTLV1.V2	<input type="text" value="yes"/>
Hepatitis B surface antigen	<input type="text" value="yes"/>		

PageUp = previous page PageDown = next page

F3 right mo.L:na bl.tton=selection table 0=no,0 1=yes,1

OK Cancel 2 / 4

The reported infectious disease markers updated in the donor record are displayed in window screen 3 and 4:

Donor blood group and rhesus:	?
Donor CMV status:	?
Date of CMV test:	
Donor Toxoplasmosis:	?
Donor EBV status:	?
Date of sample extraction:	
Number of pregnancies:	?
Number of transfusions:	?
Donor weight:	0
Donor height:	0

PageUp = previous page PageDown = next page

OK Cancel 3 / 4

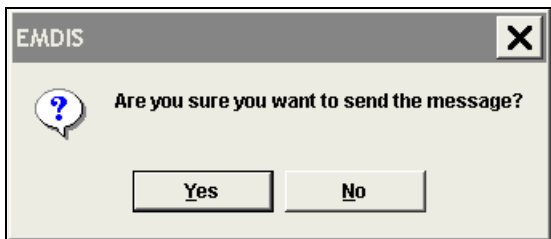
Donor HIV status:	?
Donor HIV p24 antigen:	?
Donor Hepatitis B status (hepatitis B surface antigen):	?
Donor Hepatitis B status (antibody to hepatitis B surface antigen):	?
Donor Hepatitis B status (antibody to hepatitis B core antigen):	?
Donor Hepatitis C status (antibody to hepatitis C virus):	?
Donor antibody to HTLV1.V2:	?
Donor ALT status [units/litre]:	0
Donor Lues status (Treponema pallidum):	?

PageUp = previous page

Insert text of max. length 1 characters


OK
 Cancel
 4 / 4

Press "OK" to confirm:



Press 'yes' and the message will be queued for processing, and receive status "prepared to send".

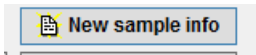
No result, Deny request, New text message, Reserve donor, New warning are the same window screens as for typing request.

It is possible for the donor center to remind the transplant center (Belgian and international) to send the confirmatory typing results: go to the sample arrival message and click on the  button to open the following window screen:

HUB	BE	ION	4201
Patient identification:	187PATIENT2		
GRID / CB_ID:	4201 0000 0000 0002 315		
Request date:	6/05/2020		
Reference code:	98808BE1		
Type of result reminded:	SMP_ARR		
Date expiration of reservation	<input type="text"/>		
Remark	<input type="text"/>		
	<input type="text"/>		
	<input type="text"/>		

✔ OK ✖ Cancel 1 / 1

date or +/- Ctrl+Ctrl-Shift+Shift- (+/- on num. keyboard)

5. Click the  button, to open the window screen to send additional information about the donor.

This message can only be exchanged in one direction, from the donor side to the patient side, and the message always refers to sample information. There might be several sample information messages within the context of one sample request, subsequent sample information is regarded as new or additional information.

A remark is available for detailed information

Donor 4201 0000 0000 0002 315, Patient Test Patient2: Donor information in context of sample request OK Esc

HUB: BE ION: 4201

Patient identification: 187PATIENT2

GRID / CB_ID: 4201 0000 0000 0002 315

Reference code 98808BE1

Information type **BMP-donor only available for bone marrow donation for personal reasons**

Remark

0 **BMP-donor only available for bone marrow donation for personal reasons**

1 BMM-donor only available for bone marrow donation for medical reasons

2 SCP-donor only available for PBSC donation for personal reasons

3 SCM-donor only available for PBSC donation for medical reasons

4 ABS-(absent) donor not available for a certain period of time

5 MUL-Multidonation

6 UBC-donor unavailable after blood collection

7 RPE-increased risk that donor is declined during physical examination

8 CMV-additional information regarding CMV status

9 ROI-donor was in a region with a higher risk of infection

A MED-other medical information

B OTH-other non-medical information

Cancel

OK Cancel 1 / 1

Explanation of the list of codes:

- BMP: donor only available for bone marrow donation for personal reasons
- BMM: donor only available for bone marrow donation for medical reasons
- SCP: donor only available for PBSC donation for personal reasons
- SCM: donor only available for PBSC donation for medical reasons
- ABS: (absent) donor not available for a certain period of time
- MUL: Multi donation
- UBC: donor unavailable after blood collection
- RPE: increased risk that donor is declined during physical examination
- CMV: additional information regarding CMV status
- ROI: donor was in a region with a higher risk of infection
- MED: other medical information
- OTH: other non-medical information

IV.III.3. Infectious disease marker requests (IDM request)

New EMDIS messages									
EMDIS patients-requests (314)									
Patient administration									
Other requests									
EMDIS patients-results (173)									
Search results									
Other results									
Other EMDIS messages (1)									
Internal requests (152)									
Internal requests (152)									
OK	Patient's name	HUB	Category	Date	Status	Donor	User	TC	# Rows
		AT	IDM request	07.05.2010	Received				2
		DE	IDM request	21.09.2009	Received,cancell				

Click the IDM request to open the request screen, the IDM's requested are displayed in the content tab:

General	Physical messages	Content
Registry sending the message		BE
Registry receiving the message		BE
ION of registry sending the message		4201
ION of registry receiving the message		4201
Patient identification		BE74984P
Donor GRID		4201000000024956303
CBU identifier		?
Request date		27/04/2020
Reference code		98698BE1
IDM requested - Blood group and rhesus		Yes
IDM requested - CMV status		Yes
IDM requested - Toxoplasmosis		Yes
IDM requested - EBV		Yes
IDM requested - HIV status		Yes
IDM requested - HIV P24		Yes
IDM requested - Hepatitis B surface antigen		Yes
IDM requested - Antibody to Hepatitis B surface antigen		No
IDM requested - Antibody to Hepatitis B core antigen		No
IDM requested - Antibody to Hepatitis C virus		No
IDM requested - Lues status (Treponema pallidum)		No
IDM requested - ALT status		No
IDM requested - Antibody to HTLV1.V2		No
Institution paying		BEMDP-B
Acknowledgement ID		?
Remark		

Save to File Copy to Clipboard

Print message
 Reserve donor
 WMDA report
 Result of IDM req.
 No result
 Deny request
 New text message
 New warning
 OK

The requested IDM's include : the blood group and rhesus, CMV status, toxoplasmosis, EBV, HIV status, HIV p24 antigen, Antibody to hepatitis B surface antigen, Antibody to hepatitis B core antigen, Antigen to hepatitis C virus, Lues status, Alt (alanine aminotransferase) and Antibody to HTLV1.V2.

Several requests for the same patient – donor pair are possible, but each message has to be answered by a result message, but it is recommended to avoid multiple requests.

The result has to be sent by clicking on Result of IDM req., the same window screens will be offered as in the result screen after a blood sample request. Please note that the IDM's have to be updated in the donor's record, before being able to send via EMDIS

IV.III.4. CBU report request (CBU_REQ)

It is possible to print the message, have a WMDA printout, reserve the donor, send txt messages and warnings, and deny the request.

IV.III.5. Reservation request (RSV_REQ)

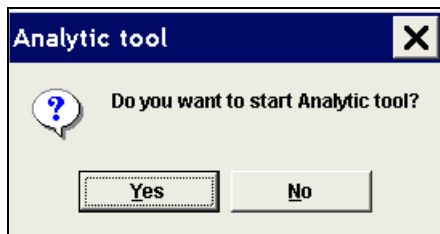
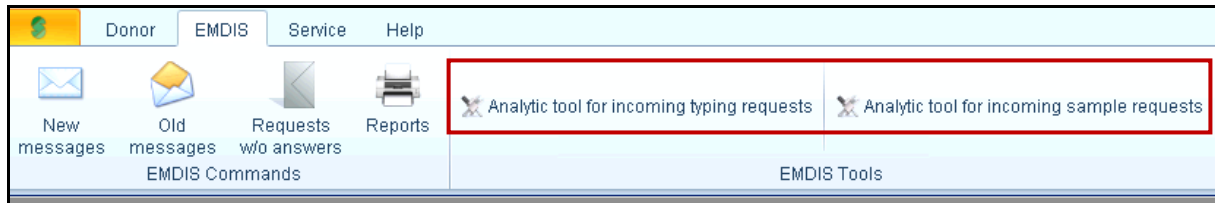
It is possible to print the message, have a WMDA printout, reserve the donor, send txt messages and warnings, and deny the request.

IV.VI. ANALYTICAL TOOL: INCOMING TYPING REQUESTS – INCOMING SAMPLE REQUESTS

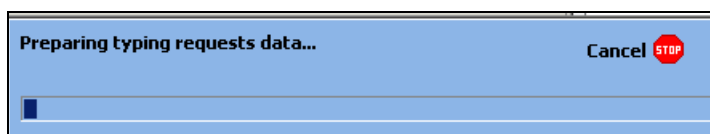
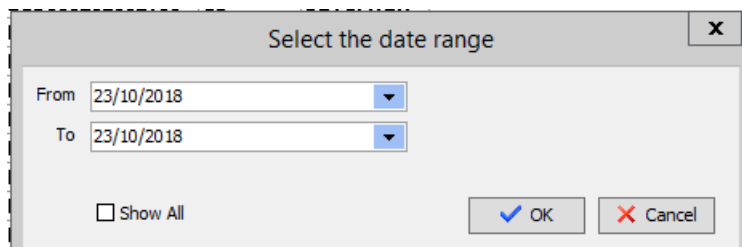
The analytical tool gives an overview of all received typing requests or sample requests.

Both the GRID code as the old donor code (now called the secondary code) are listed in the export.

Go to:



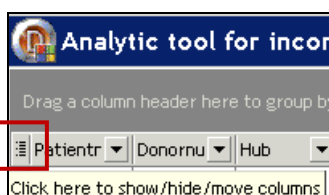
Select the period for which you want to print the incoming typing request by selecting date from:



The analytical tool gives an overview of all received typing requests or sample requests. Clicking on

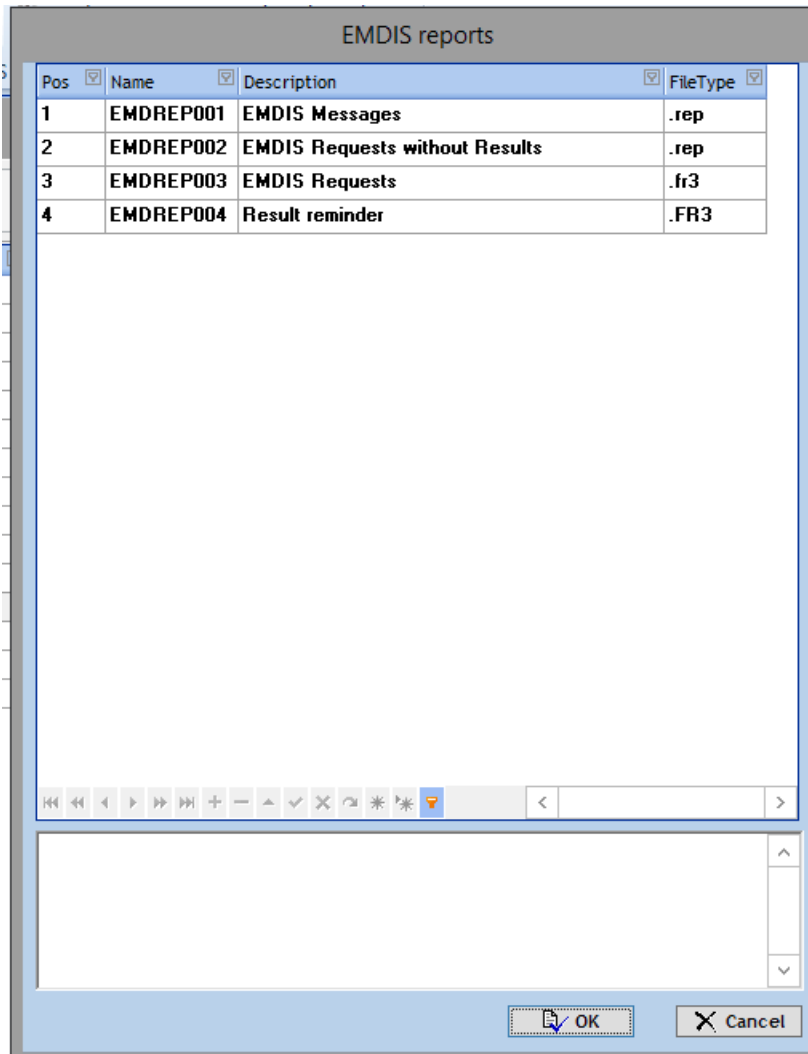
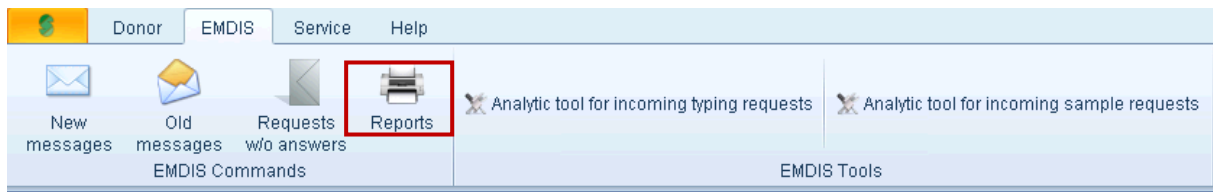


enables you to make of a selection of columns to you wish. Further tool options are explained in [chapter II.X. Analytical tool](#).



The first time you login, you have to set your columns settings, your selection will be saved for future login sessions.

IV.VII. EMDIS REPORTS



The **EMDIS REP001** report will list up all EMDIS messages (received – sent) inclusive EMDIS status:

EMDIS messages

from 6/11/2017 to 12/12/2017
 Generated at 12.12.2017 15/51
 Generated by TestMultiple



Marrow Donor Program Belgium - Registry
 Motstraat 40
 2800 Mechelen
 Belgium

#	HUB	Date	Category	Status	Patient ID	Name
18	BE	12.12.2017	TYPREQ	Received	BE	Test4 Test4...

- HUB: code of requesting Registry
- Date: request date
- Category: type of request
- Status: EMDIS status of the message: received, sent, ...
- Patient ID: patient's ID
- Name: patient's name

The **EMDIS REP002** report will open the following window screen:

When you select “Typing request” and the “Received” a report with pending typing requests will be printed:

EMDIS Requests without Results

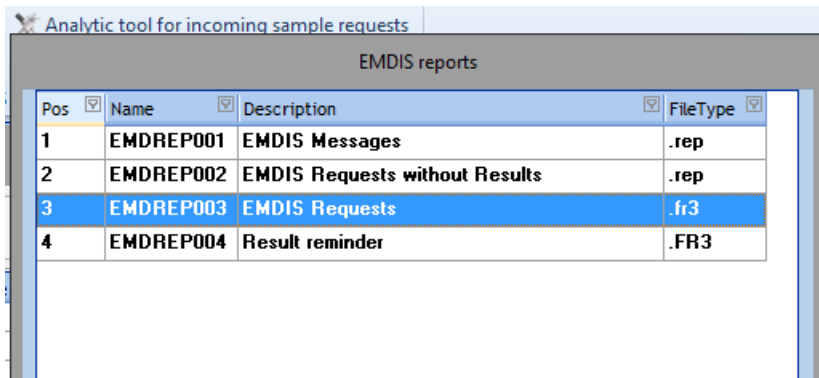
from 29/11/2017 to 12/12/2017
 Generated at 12.12.2017 15/01
 Generated by TestMultiple



Marrow Donor Program Belgium - Registry
 Motstraat 40
 2800 Mechelen
 Belgium

#	HUB	Date	Category	Status	Patient ID	Name	Donor ID
3	BE	12.12.2017	TYPREQ	Received	BE[]	Test4 Test4...	BEANT1

The **EMDIS REP003** report will open the following window screen:



Select the registry :

This report will count the number of typing requests, sample requests, IDM requests and Reservation requests:



Statistic report how many requests were received.

Marrow Donor Program Belgium - Registry

Motstraat 40
2800 Mechelen
Belgium

Received requests from 4/12/2017 to 12/12/2017.

Generated at 12/12/2017 15:36:08

Generated by TestMultiple

Hub	TYPREQ	SMPREQ	IDMREQ	RSVREQ
SX	0/0/0/0	0/0/0/0	0/0/0/0	0/0/0/0
ZA	0/0/0/0	0/0/0/0	0/0/0/0	0/0/0/0
GR	0/0/0/0	0/0/0/0	0/0/0/0	0/0/0/0
SE	0/0/0/0	0/0/0/0	0/0/0/0	0/0/0/0
Total	0/0/0/0	0/0/0/0	0/0/0/0	0/0/0/0

Format in columns : Received/Canceled/Denied/All

The **EMDIS REP003** report will open the following window screen:

Analytic tool for incoming sample requests

EMDIS reports

Pos	Name	Description	FileType
1	EMDREP001	EMDIS Messages	.rep
2	EMDREP002	EMDIS Requests without Results	.rep
3	EMDREP003	EMDIS Requests	.fr3
4	EMDREP004	Result reminder	.FR3

EMDIS Requests SMP_REQ

Select hub's

- ALL - All HUBs
- BE - Belgium
- GR - Hellenic Patras
- SE - Sweden
- SX - sx
- ZA - South Africca

Date from :

Date to :

OK Cancel

This report lists the pending sample requests:

<p>List of unanswered requests SMP_REQ</p> <p>period from 10.10.2017 to 12.12.2017</p> <p>doncenter: BEDONANT1</p>	<p>Marrow Donor Program Belgium - Motstraat 40 2800 Mechelen Belgium</p>	
--	--	---