

eBase v8 Manual donor module



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1. Entering a Donor

1.1 Create Donor

From the navigation menu, open the 'Donor screen' option.

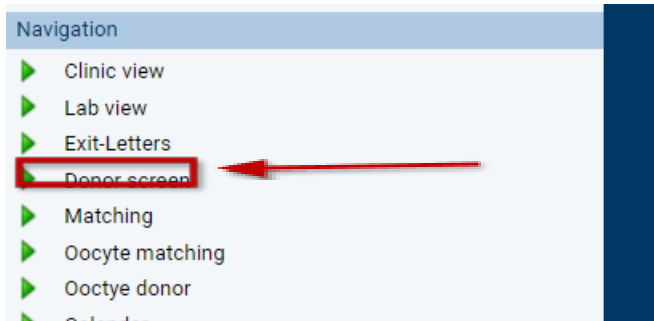


Figure 1: Creating a donor.

The Donor screen will open, and a subsequent screen will appear.

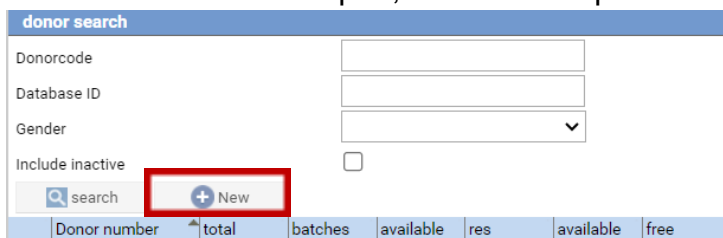


Figure 1: Creating a donor.

Click on 'new' and then enter the desired data. If it is a donor who wishes to be registered in the system anonymously, this can be done by placing a check mark in the 'censored' field.

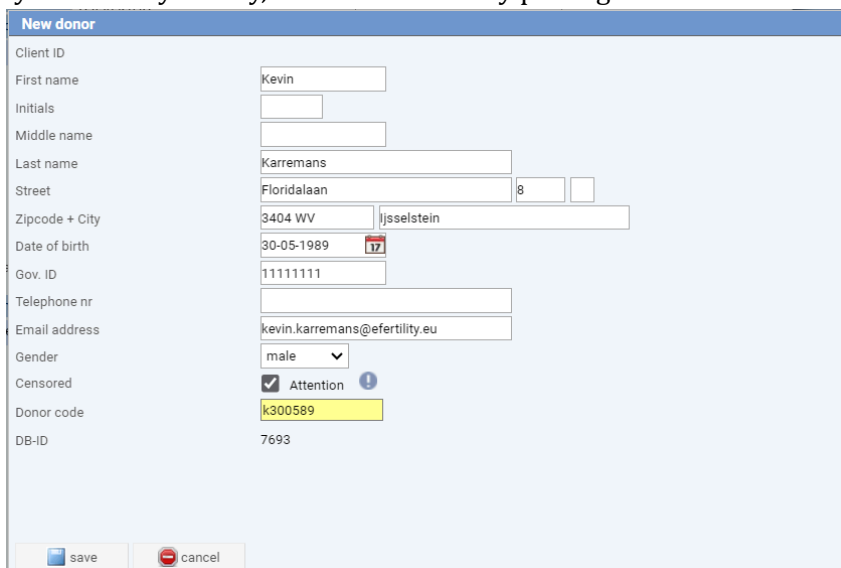


Figure 2: entering donor data.

When entering a donor number, a check is made for the uniqueness of the code used. The donor coding used is freely selectable.

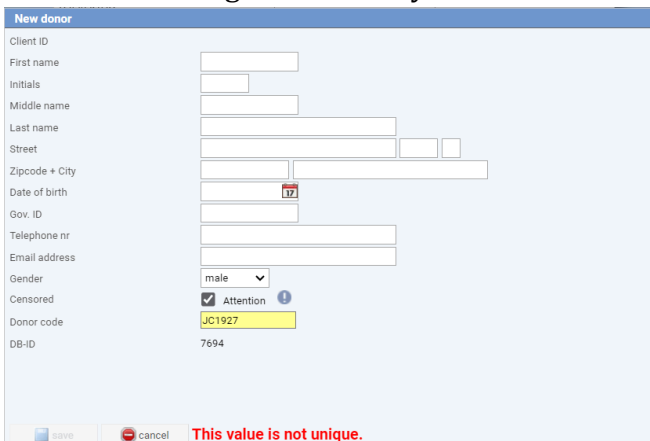


Figure 3: entering donor data.

An alternative method of creating a donor is from within the clinic view. From the navigation menu, open the dossier. Here, using the search option, a new person can be created by clicking the + button.

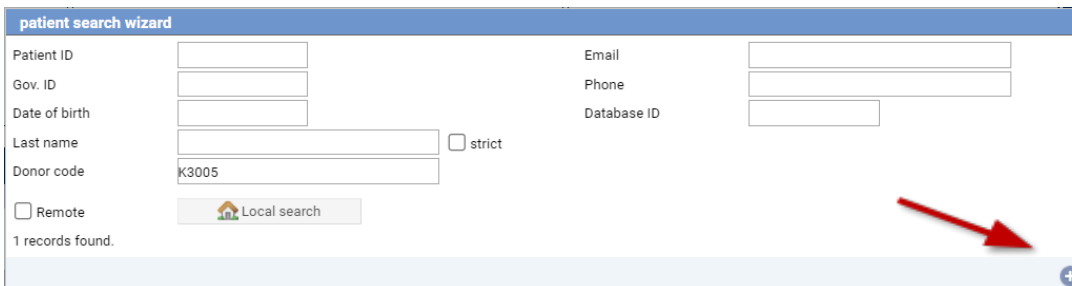
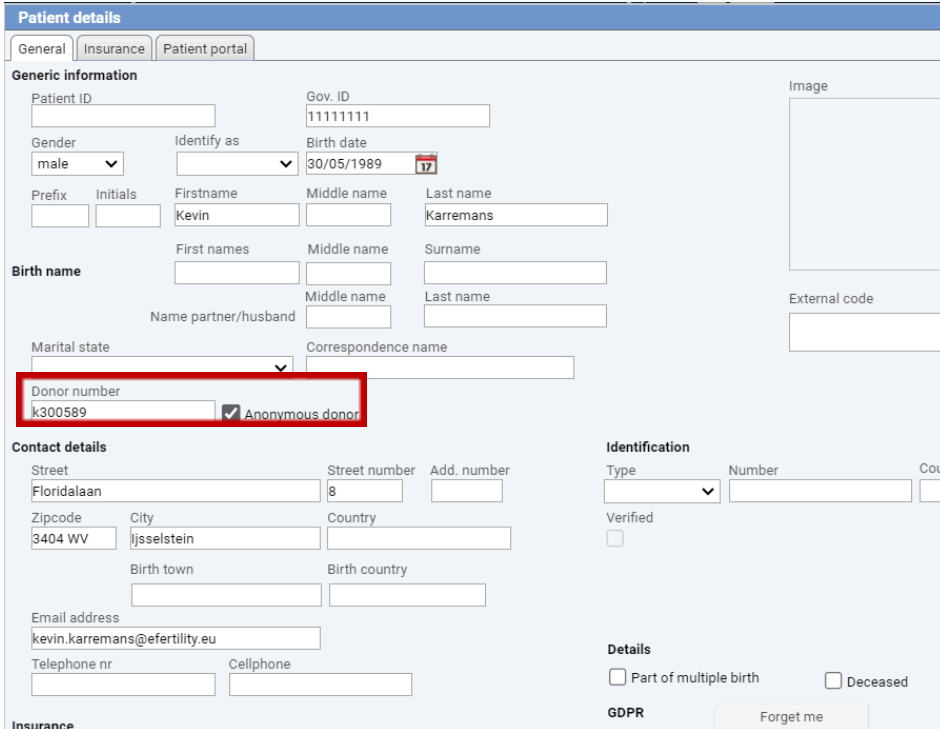


Figure 4: Creating new donor.

This will display the screen below. Important in this screen are the donor number and the check mark censored donor.



Patient details

General Insurance Patient portal

Generic information

Patient ID Gov. ID
11111111

Gender Identify as Birth date
male 30/05/1989

Prefix Initials Firstname Middle name Last name
Kevin Karremans

Birth name

First names Middle name Surname
Middle name Last name

Name partner/husband

Marital state Correspondence name

Donor number k300589 ☒ Anonymous donor

Contact details

Street Street number Add. number
Floridalaan 8

Zipcode City Country
3404 WV IJsselstein

Birth town Birth country

Email address
kevin.karremans@efertility.eu

Telephone nr Cellphone

Identification

Type Number Cour

Verified ☐

Details

☐ Part of multiple birth ☐ Deceased

GDPR Forget me

Figure 5: entering donor data.

1.2 Donor screen

Through the 'navigation menu' it is possible to choose donor screen. The 'main page' of the Donor Module.

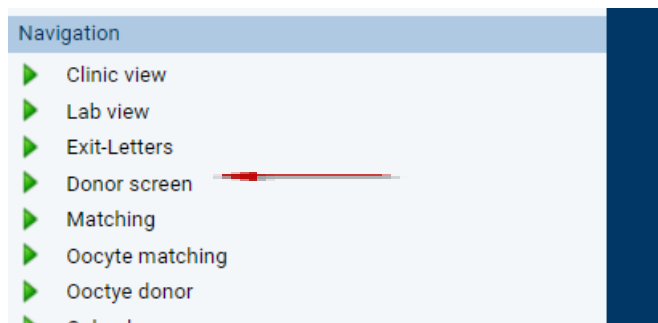


Figure 6: opening donor screen.

When opening the donor screen, the "donor search" widget appears. Then select the desired donor here.



donor search

Donorcode K300589

Database ID

Gender

Include inactive ☒

search New

Donor number	total	batches	available	res	available	free
k300589			0		0	

Figure 7: search donor.

The donor screen opens (see print screen below).

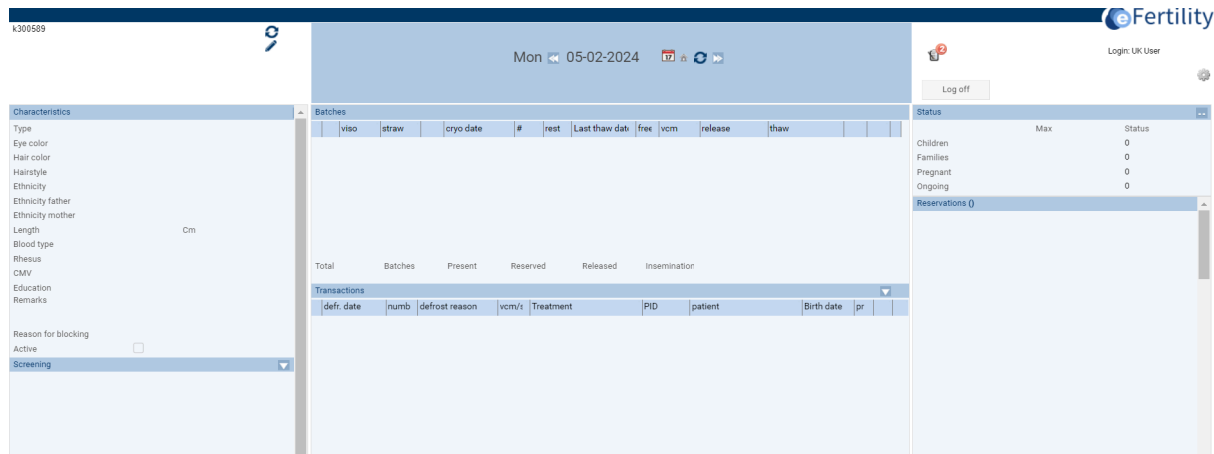


Figure 8: donor overview.

1.3 View or change donor data.

At the top left of the donor screen are the donor details. To view detailed information and/or edit data click on the pencil (✎). The edit screen will open.

1.3.1 Donor Intake

From the edit screen, the donor intake form can be accessed ().

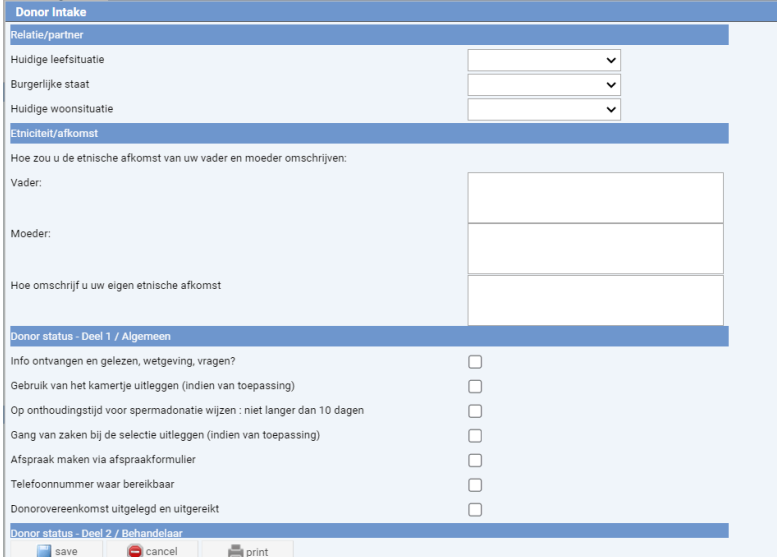
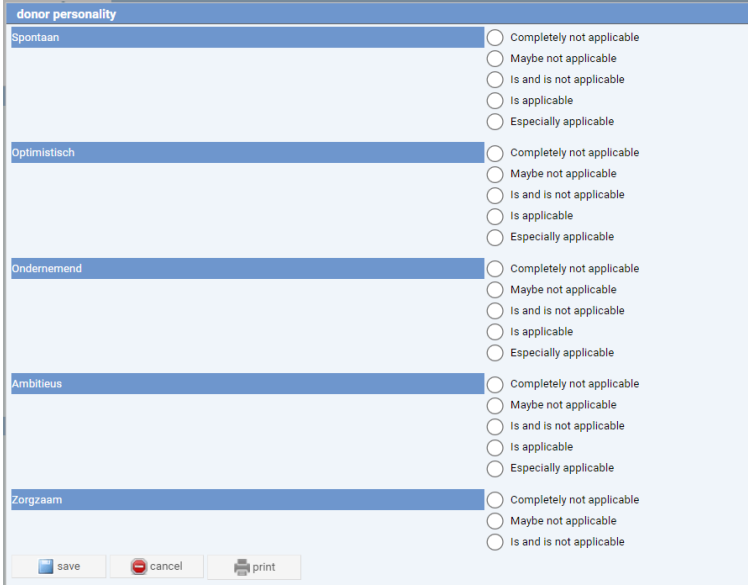


Figure 9: Partial overview donor intake. Scroll down to complete the entire intake.

(Note that the intake is fully customizable in the questionnaire tab in the administrator menu)

1.3.2 Donor passport

From the edit screen, the "passport" can be accessed ().

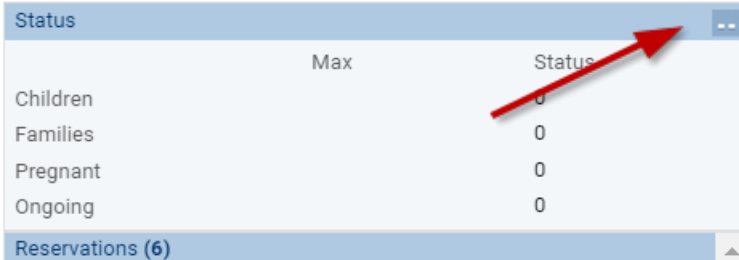


donor personality	
Spontaan	<input type="radio"/> Completely not applicable <input type="radio"/> Maybe not applicable <input type="radio"/> Is and is not applicable <input type="radio"/> Is applicable <input type="radio"/> Especially applicable
Optimistisch	<input type="radio"/> Completely not applicable <input type="radio"/> Maybe not applicable <input type="radio"/> Is and is not applicable <input type="radio"/> Is applicable <input type="radio"/> Especially applicable
Ondernemend	<input type="radio"/> Completely not applicable <input type="radio"/> Maybe not applicable <input type="radio"/> Is and is not applicable <input type="radio"/> Is applicable <input type="radio"/> Especially applicable
Ambitueus	<input type="radio"/> Completely not applicable <input type="radio"/> Maybe not applicable <input type="radio"/> Is and is not applicable <input type="radio"/> Is applicable <input type="radio"/> Especially applicable
Zorgzaam	<input type="radio"/> Completely not applicable <input type="radio"/> Maybe not applicable <input type="radio"/> Is and is not applicable

Figure 10: partial overview of donor passport. Scroll down to complete the entire donor passport.


1.3.3 Donor status

From this status screen, you can see how many successful pregnancies this donor has had and the treatments this donor is linked to.



Status	
	Max
Children	0
Families	0
Pregnant	0
Ongoing	0
Reservations (6)	

Figure 11: status donor screen. Click the detail button, a status screen appears.



Preferences					
	Max	Status			
Children		0			
Families		0			
Pregnancies		1			
Ongoing		0			

Pregnancies					
patient	Start date	E	Treatment	outcome	compl
Nummer 2	13-05-2023	e:5	IVF (D) CRYOS-DEN	pregnancy	

Recent treatments					
patient	Start date	E	Treatment	outcome	compl
Heinrich	15-12-2023	e:3	ICSI -ooc (D) CRYOS-DEN		

Cryo embryo present (0 Patients)			
patient	birthdate	# embryos	

Figure 12: Donor patient status screen.

2. Donor characteristics.

Donor characteristics are displayed on the 'Donor screen'. Characteristics can be added or changed through the detail screen.

2.1 Making donor active.

A donor can be used in a "matching" with the patient when it is "active". This is indicated by the check mark on the trait screen. An active donor must also have released straws available to appear in the matching.

2.2 Stop using/blocking donor.

A donor may no longer be allowed to be used for various reasons. This can be a temporary - or a permanent reason. For a permanent reason, setting the donor to "inactive" may be sufficient. No further matching can then take place. It is also possible to block the use of straws from a particular donor. A reason must then be entered (see figure). In addition to new matching, this also blocks existing reservations.

Figure 13: Overview of donor characteristics.

3. Freezing donor semen


Donor semen freezing is done from the lab view.


Figure 14: freezing donor semen.

In the before freeze widget click on the before freeze button. If the semen data has not been saved before, the following message appears:


If you want to save, choose Yes. You will return to the freezing widget. Then choose 'freeze' again, the widget 'Add Cryobank semen batch' will open.

k300589


Cryo date: 05-02-2024 


!STB.label.care_lsfid.cryo_emb.contract_end!: 


Batch status: Available Block/ unblock batch



Cryo reason: actual childish 

Cryo code:

Nr cryo: 6 

Rod color: red 


Straw color: red 

 Select position 



Select position in cryo vessel.

Information about this batch

Vessel name	Tower	Layer	Grid	Id/color	Stop	storage date	volume
			Grid 1	A3		05-02-2024	3
			Grid 1	A4		05-02-2024	3

Color viso: red 

Nr. tubes: 6

 save  cancel

To place a batch in a vessel, it must contain a number of straws. The straws can be assigned to a place in the vessel using the 'Select position' button. One batch can be distributed over several spots.

To create and set up a barrel, please refer to the **Vessel management manual**.

4. Release

Release is based on the screening of the donor. With a censored donor, this does not come with the blood values connection. So manual entry of blood values is required before the batch can be released. The screening has a certain validity. Therefore, just before release there will be a screening result. Open the navigation menu and then the 'donor screen' menu.

To manually complete the screening click on the arrow by the screening table. Click 'new' and next screen appears:

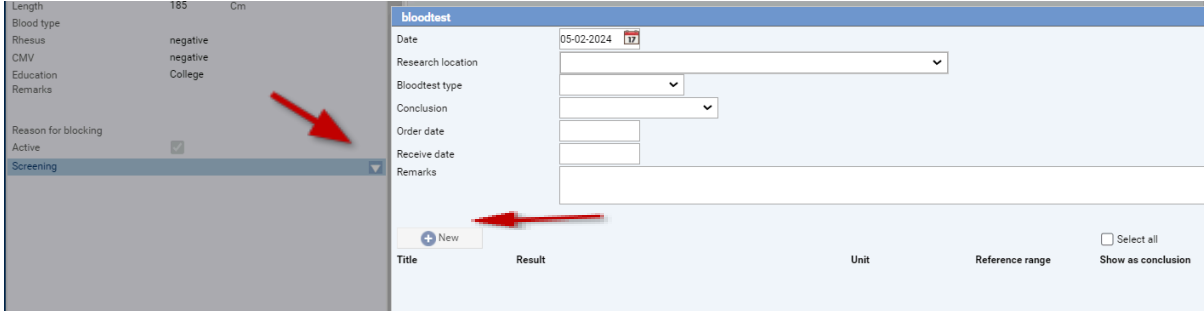


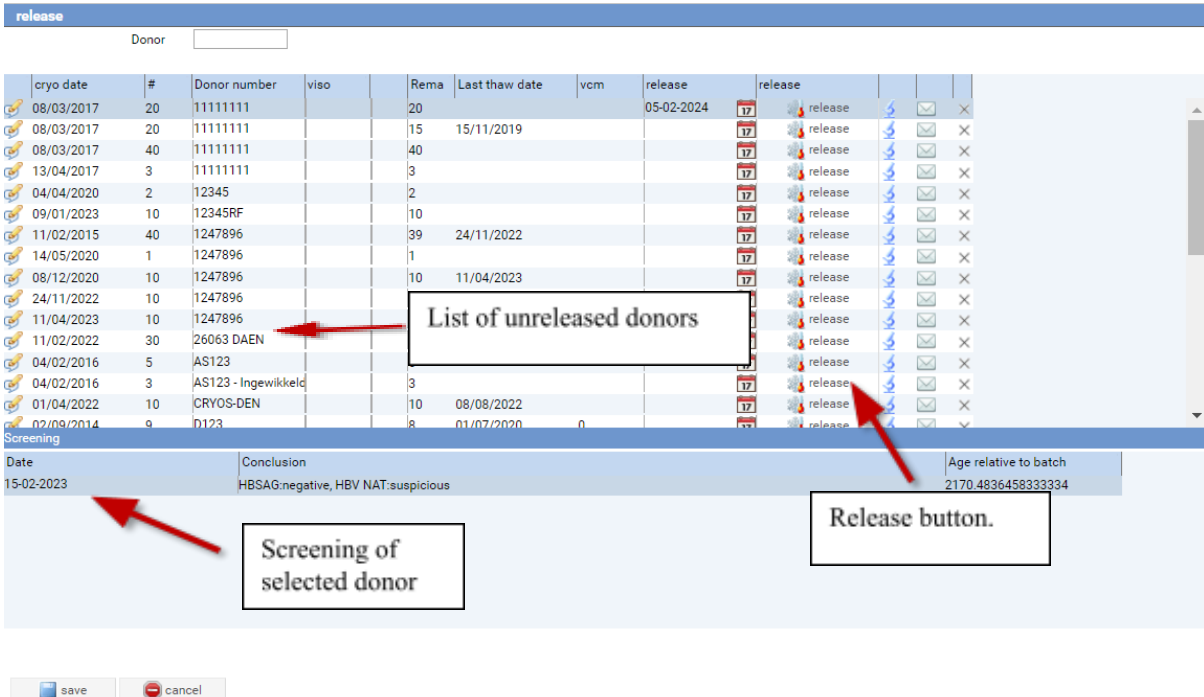
Figure 17: Introducing new donor screening.

Click 'new' to manually enter a blood test. Click 'save'.

Open the navigation menu and click on 'release'. The 'release' screen displays all unreleased batches of donors. Click and a date appears in the 'Release' table.

cryo date	#	Donor number	viso	Rema	Last thaw date	vcm	release
08/03/2017	20	11111111		20			release

This date indicates within the system that this batch may be used. This determines the absolute straw stock. Screening data belonging to the selected batch are displayed at the bottom of the screen. For each screening, the age of the results compared to the batch is indicated.



List of unreleased donors

cryo date	#	Donor number	viso	Rema	Last thaw date	vcm	release	release
08/03/2017	20	11111111		20			05-02-2024	17
08/03/2017	20	11111111		15	15/11/2019			17
08/03/2017	40	11111111		40				17
13/04/2017	3	11111111		3				17
04/04/2020	2	12345		2				17
09/01/2023	10	12345RF		10				17
11/02/2015	40	1247896		39	24/11/2022			17
14/05/2020	1	1247896		1				17
08/12/2020	10	1247896		10	11/04/2023			17
24/11/2022	10	1247896						17
11/04/2023	10	1247896						17
11/02/2022	30	26063 DAEN						17
04/02/2016	5	AS123						17
04/02/2016	3	AS123 - Ingewikkeld		3				17
01/04/2022	10	CRYOS-DEN		10	08/08/2022			17
02/09/2014	9	D123		8	01/07/2020	0		17

Screening of selected donor

Date	Conclusion	Age relative to batch
15-02-2023	HBSAG:negative, HBV NAT:suspicious	2170.4836458333334

Release button.

Figure 18: Release screen.

5. Trial defrosting

On the donor screen, a 'trial thaw' can now be done by clicking in the 'Batches' widget. **Note that the 'Reason for thawing' is 'trial thawing'.**

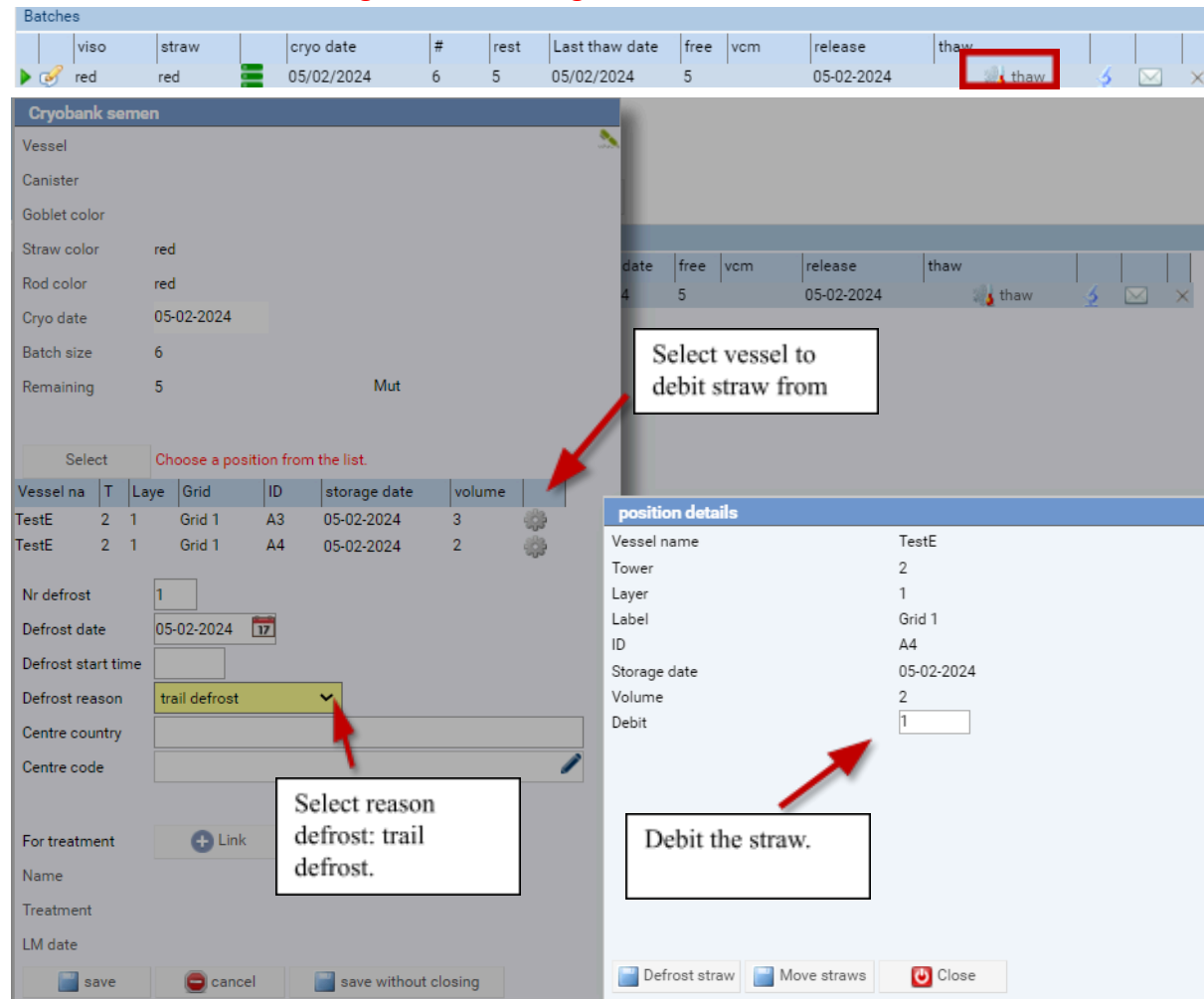


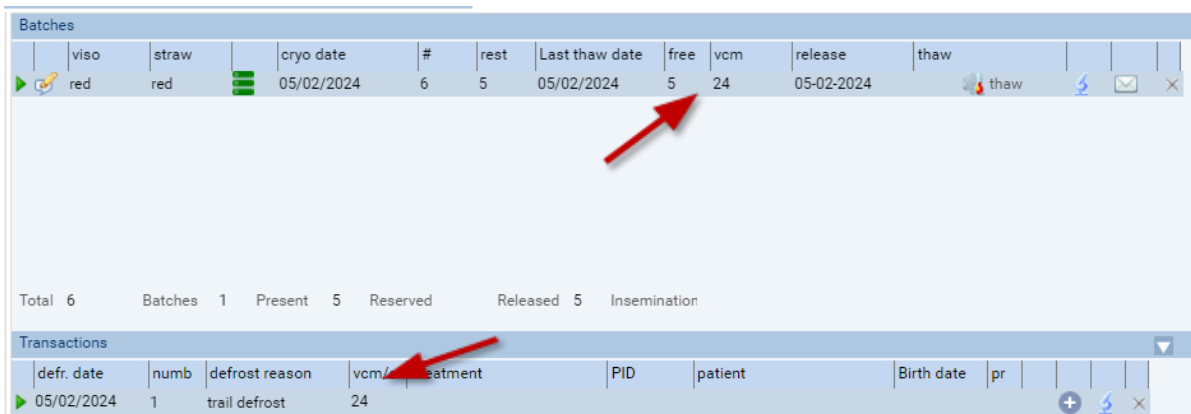
Figure 19: screen trial defrost.

The button opens the Cryobank semen. Here the straws to be debited are displayed. In a test thaw, the quality is checked. The resulting VCM applies to the entire batch. The trial defrost is now shown in the 'transactions' table.



Figure 20: trial defrosting screen.

When matching, it is important to know how many straws are needed from a particular donor. This depends on the quality of the batch.



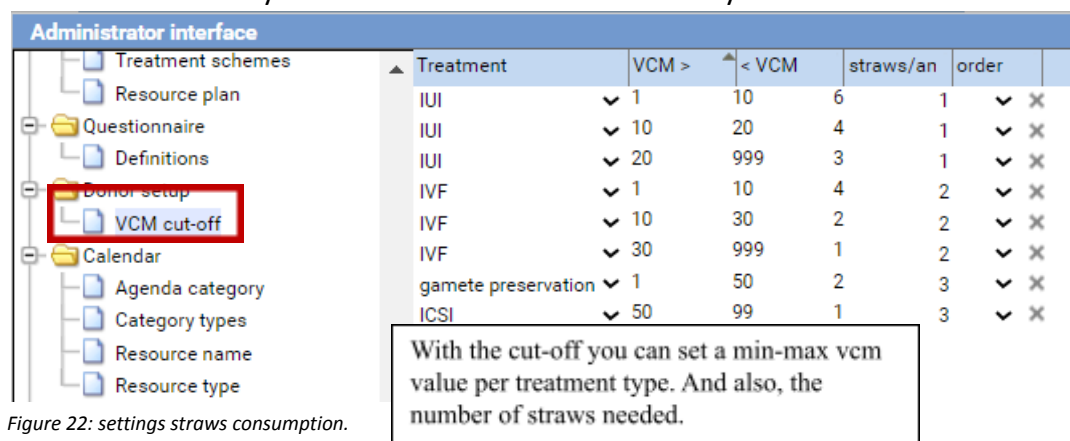
Batches											
viso	straw	cryo date	#	rest	Last thaw date	free	vcm	release	thaw		
red	red	05/02/2024	6	5	05/02/2024	5	24	05-02-2024	thaw		

Total 6 Batches 1 Present 5 Reserved Released 5 Insemination

Transactions											
defr. date	numb	defrost reason	vcm/	treatment	PID	patient	Birth date	pr			
05/02/2024	1	trail defrost	24								

Figure 21: VCM information.

In the admin menu you can set at which VCM how many straws are needed.

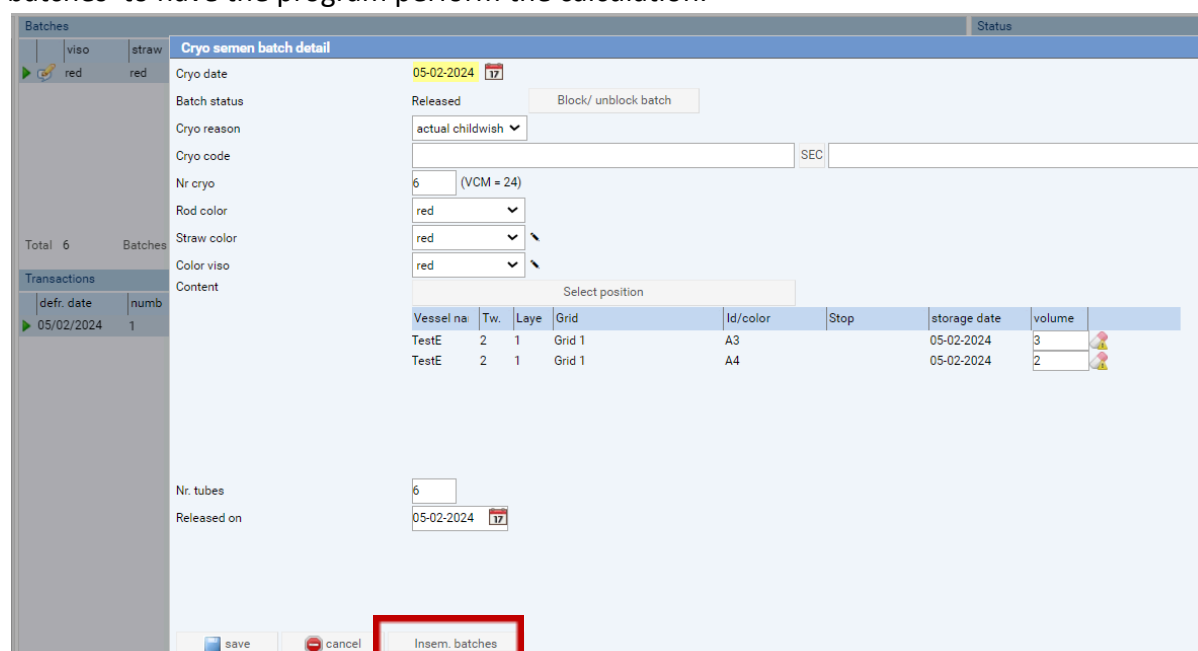


Administrator interface						
Treatment	VCM >	< VCM	straws/an	order		
IUI	✓ 1	10	6	1	✓	×
IUI	✓ 10	20	4	1	✓	×
IUI	✓ 20	999	3	1	✓	×
IVF	✓ 1	10	4	2	✓	×
IVF	✓ 10	30	2	2	✓	×
IVF	✓ 30	999	1	2	✓	×
gamete preservation	✓ 1	50	2	3	✓	×
ICSI	✓ 50	99	1	3	✓	×

With the cut-off you can set a min-max vcm value per treatment type. And also, the number of straws needed.

Figure 22: settings straws consumption.

This is used to calculate "insemination batches". There is also the possibility to do this manually in the detail screen of a batch. This way you can check if it is working properly. Click on the batch's pencil symbol and the information screen will open. Click on 'insem batches' to have the program perform the calculation.



Cryo semen batch detail

Cryo date: 05-02-2024 (17)

Batch status: Released Block/ unblock batch

Cryo reason: actual childish

Cryo code: SEC

Nr cryo: 6 (VCM = 24)

Rod color: red

Straw color: red

Color viso: red

Content: Select position

Vessel na	Tw	Laye	Grid	Id/color	Stop	storage date	volume
TestE	2	1	Grid 1	A3		05-02-2024	3
TestE	2	1	Grid 1	A4		05-02-2024	2

Nr. tubes: 6

Released on: 05-02-2024 (17)

Buttons: save, cancel, **Insem. batches**

Figure 23: Calculate straws stock for treatment.

Close the information screen and move the cursor to the 'rest' number. The tool tip 'number' and 'rest number' show the numbers plus the number of cycles. For example: 1 straw for IUI (5x) ☐ a single IUI requires 1 straw. This batch has enough for 5x IUI. Furthermore, 2x IVF and 2x ICSI treatments can be performed with this batch.

Batches												
		viso	straw		cryo date	#	rest	Last thaw date	free	vcn	release	thaw
		red	red		05/02/2024	6	5	05/02/2024	4	24	05-02-2024	thaw
		red			12/02/2024	6	6	<div> 1 straws IUI(4x) 2 straws IVF(2x) 2 straws ICSI(2x) </div>	0			thaw

Figure 24: Tip tool number of treatments.

6. Matching

Now that the donor has been entered and released batches are available, "matching" can then begin. For this purpose, a screen is available in the clinic view. Matching is not done from the donor but from a patient (first select the patient). Find the patient in the clinic view and open the navigation menu. Click on 'matching' and the matching screen becomes visible.

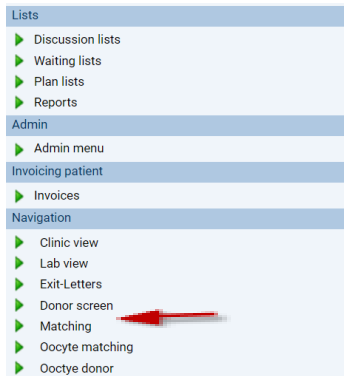


Figure 25: opening matching module.

Specify the characteristics on which the match should be performed. With the cross it is possible to remove a selection. After this, click on the 'search' symbol.

Matching

	(female/Trans man) J. Barak (28-09-1995 - 28) Overweg 13 7545BR Anderlecht id: 13187455 Gov. ID: 388347302	(male/Trans woman) A. Malas (16-08-1992 - 31) Overweg 13 7621BE New York id: 13187464 020-5667917	Char *	Remarks
Eye color	blue +	brown +	+	
Different eye color in family	no +	yes +	+	
Hair color	dark blond +	brown +	+	
Red hair in family	+	yes +	+	
Hair style	fine +	+	+	
Ethnicity	asian +	+	+	
Skin color	White +	+	+	
Length	Cm	Cm	Cm	
Weight	Kg	Kg	Kg	
Body type	mesomorph +	+	+	
Blood type	+	+	+	
Rhesus	+	+	+	
Eye visus	+	+	+	
CMV				
Educ.				
Remar.				

By clicking on the + symbol next a physical feature it will be added to the search criteria for a potential donor.

Physical features of patient and partner can be recorded. But also preferred physical features can be added to the search criteria.

Donor details

- Max
- Status
- Children
- Families
- Pregnant
- Ongoing

Search

Figure 26: patient/partner characteristics.

After searching, a screen appears with the donors that meet the criteria. A choice can be made from this list.

Matched donors													
Donor number	Released	eye color	different eyes	hair color	red hair in family	hairstyle	Ethnicity	Skin Color	Body Len	Body Weig	Body Style	Education	
k300589	5	blue	no	dark blond	no	wavy	caucasian	White	185	80	mesomorph	College	
JC1927	19	blue	no	blond	yes	wavy	caucasian	White	180	70	ectomorph	University	
11111111	186	brown	yes	red	yes	sleek	mediterranean	Light-brown	199	120	ectomorph	primary school	
26063 DAEN	2	blue	yes	blond	yes	fine	caucasian	White	180	80	mesomorph	University	Goede donor
Donor 123	22	brown	yes	blond	yes	wavy	caucasian	Light-brown	180	88	mesomorph	University	Regel 1 regel 2 regel 3k lk ldk dlk dokd dk dk dkd

Figure 27: donors found.

Matching

(female/Trans man) J. Barak (28-09-1995 - 28)

Overweg 13

7545BR Anderlecht

id: 13187455 Gov.

ID: 388347302

(male/Trans woman) A. Malas (16-08-1992 - 31)

Overweg 13

7621BE New York

id: 13187464

020-5667917

Char

Remarks

Eye color

blue

grey

Different eyecolor in

no

Hair color

dark blond

brown

Red hair in family

yes

Hairstyle

Ethnicity

Skin color

Length

Weight

Body type

Blood type

Rhesus

Eye visus

CMV

Education

College

College

Remarks

Physical features of patient and partner can be recorded. But also preferred physical features can be added to the search criteria.

Previous 1 / 5 Next

k300589(5)

blue

no

dark blond

no

wavy

Cryo semen batch detail

visc

cryo date

#

vcrr

IB

R red

05/02/2024

5

24

1xIU(5)2xIVF(2x)

By clicking on R you reserve from a batch.

185 Cm

80 Kg

mesomorph

negative

negative

College

Donor details

Max

Status

Children

Families

Pregnant

Ongoing

0

0

0

0

Figure 28: Characteristics matched donor.

The 'R' (reserve) button then allows you to reserve straws. Reserved quantities are deducted from the stock of available batches. An end date can also be added to a reservation.

Reservation

By

UK User

Date

12-02-2024

End date

Quantity

5

Reason

Comment

save

cancel

Figure 29: reserving donor semen.

7. Treatment

To deploy a donor, it must be selected in a cycle. The system indicates when a cycle is created if there are reservations. Depending on a patient's history, the demand may differ. This depends on whether there has already been a donor cycle and if so with which donor. In the example below, there is a reservation with 'k300589', but the current episode is with a different donor. A selection screen will then appear where the donor can be chosen. So there can be reservations with multiple donors but when scheduling the cycle, the donor for that cycle is chosen.

Warning


 The current donor isk300589.
There are reserved straws. Is this a donor cycle?


Figure 30: donor semen treatment cycle.

reservations						
	Date	#	Donor number	By	End date	Notes
▶	12-02-2024	1	K300589	UK User		
▶	01-02-2024	10	JC1927	karremans, kevin		
▶	21-08-2023	3	12345	Ting, Bong	21-08-2024	Test
▶	10-11-2022	1	11111111	Leeuwen, Tim van		
▶	12-02-2020	1	Donor 123	Jansen- de Vries		
▶	19-12-2018	1	Donor 123	Jansen- de Vries	19-12-2019	

Figure 31: Overview of reservations.

That donor is then attached to the episode or a new episode is created. When this has gone properly you will see the donor at the top of the title of the treatment entry screen.

New episode

Episode number	<input type="text" value="5"/>
Episode type	heterosexual couple ▼
1th consult	<input type="text" value="12-02-2024"/> 
Source gametes	semen donor ▼






 save
 cancel

Figure 32: Creating new episode.

IUI (D) k300589k300589

General

Hospital	BovenIJ ziekenhuis, Amsterdam
Treatment	IUI ▼
Treatment scheme	<div style="border: 1px solid #ccc; height: 20px; width: 100%;"></div>
Character	<input type="text"/>
Source gametes	fresh ▼
Treat/Cycl/Insemination nr	<div style="display: flex; gap: 5px;"> <input type="text"/> <input type="text"/> <input type="text"/> </div>
Intake date	<div style="border: 1px solid #ccc; padding: 2px;"></div>
LM date	<div style="border: 1px solid #ccc; padding: 2px;">17 </div>
Date planned	<div style="border: 1px solid #ccc; padding: 2px;">12-02-2024 </div>

Previous medication/downregulation


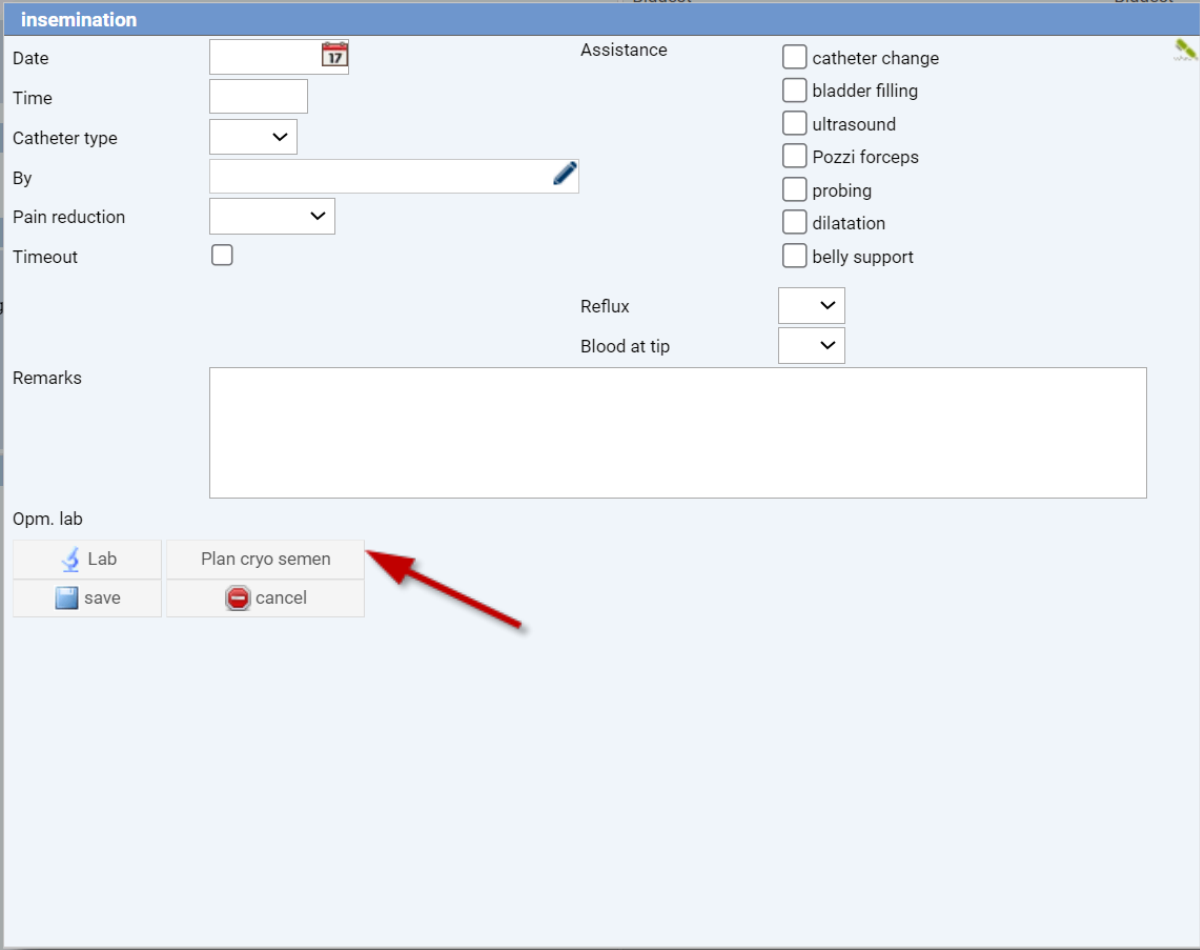
Startdate	<div style="border: 1px solid #ccc; padding: 2px;"></div>
Dose	<div style="border: 1px solid #ccc; height: 20px; width: 100%;"></div>

Figure 33: donor treatment cycle designation.

In this cycle, the "use cryo semen" button must still be clicked to indicate that something is to be thawed from the donor. This must be done separately because the date of the puncture is not yet known when the cycle is created. This date determines the thawing date of the semen.

8. Reservations

When scheduling insemination, "plan cryo semen" can be chosen in the donor cycle.

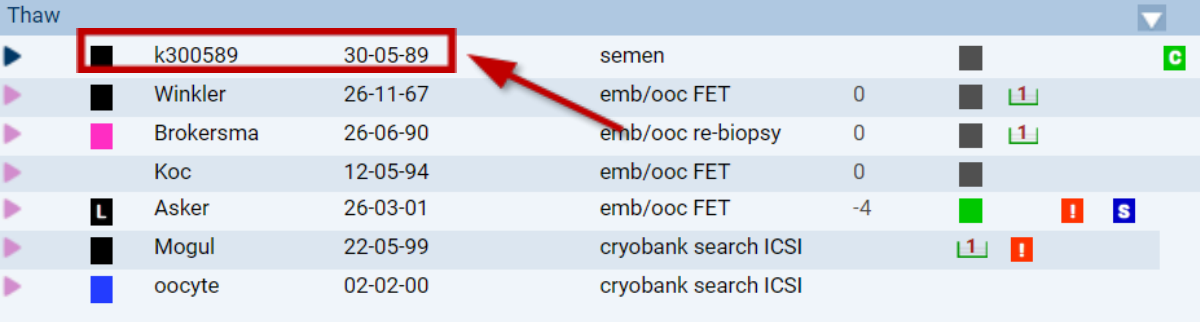


insemination

Date: Assistance: ☐ catheter change
Time: ☐ bladder filling
Catheter type: ☐ ultrasound
By: ☐ Pozzi forceps
Pain reduction: ☐ probing
Timeout: ☐ ☐ dilatation
Reflux: ☐ belly support
Blood at tip:
Remarks:
Opm. lab:

Figure 34: Schedule cryo semen button.

This takes care of placing the donor on the lab's thawing day list.



Thaw							
▶	■	k300589	30-05-89	semen		■	C
▶	■	Winkler	26-11-67	emb/ooc FET	0	■	1
▶	■	Brokersma	26-06-90	emb/ooc re-biopsy	0	■	1
▶		Koc	12-05-94	emb/ooc FET	0	■	
▶	■	Asker	26-03-01	emb/ooc FET	-4	■	! S
▶	■	Mogul	22-05-99	cryobank search ICSI		■	1 !
▶	■	oocyte	02-02-00	cryobank search ICSI		■	

Figure 35: Thaw list.

When canceling from the defrost list, the reservation is also cancelled.



Figure 36: inventory overview.

8.1 Overview of reservations

Finally, there is a screen with reservations that are up for review. These may have expired (end date) or the linked patient is pregnant. Based on this, an administrator can remove the reservations. Deleting is 'just' deleting.

A reservation appears on the 'review' list if it has an expiration date (which has passed) or if the patient became pregnant after the reservation was placed. Of course, reservations that have already been used will no longer appear on the list.

Reservation										
	Display name	Birth date	Donor	Reservation	Expiry date	#	Comment	Reason	Pr in cycle	
▶	Reis	16-03-1965	Donor 123	30-12-2014	30-12-2015	5	Test reserving via reserverings			×
▶	Nummer 2	22-10-1966	CRYOS-DEN	25-02-2016	25-02-2017	6			20/05/2023	×
▶	Barak	28-09-1995	Donor 123	19-12-2018	19-12-2019	1				×
▶	Mogul	22-05-1999	111111111	15-11-2019	18-11-2019	1				×
▶	Asker	26-03-2001	Donor 123	20-04-2021		1			22/12/2023	×
▶	Asker	26-03-2001	Oster	07-12-2021		1	Test		12/02/2023	×
▶	Asker	26-03-2001	111111111	07-12-2021		1			12/02/2023	×
▶	Berg	26-03-2001	111111111	16-05-2022		1			12/02/2023	×
▶	Berg	16-08-1997	F123	15-09-2023	15-09-2024	1			06/12/2023	×

Figure 37: Overview of reservations.