

eBase v8 Manual validations and locking





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1. Introduction

In the LSFD, it is possible to have important process steps validated through initials and/or pin codes. This makes it possible to ensure traceability. Furthermore, it is possible to record validations. This ensures the reliability of the data and makes data analyses possible.

2. Signatures

Initials and pin codes can be set by the administrator at the user management option, from the administration menu see **'User management manual**'. Signatures can be set according to **'Manual Signature module'**. Signatures can be set by opening the admin menu from the navigation menu.



Figure 1: opening navigation menu.



Figure 2: Opening admin menu.



Open the validation and locking folder.

Administrator interface	
	•
Units labvalues	
Deduplicate	
Application Preferences	
System wide messages	
 Clinic preferences 	
Core valuelist sort order	
— Oding systems	
- D Treatments	
- D Sequences	
L Studies	
😑 😋 Reports	
- Definitions	
🖵 🗋 Query Builder 🛛 🛛 📥	
🖻 😋 Validation and locking	
- D Signatures	
- 🗋 Validators	
Labview printout definitions	
😑 😋 Exit-Letters	
Configuration	
Figure 3: opening folder valida	tion and locking.



Clicking on the signatures folder will open the screen below.

Figure 4: setting Signatures.

This is where the various signatures are recorded. By clicking on 'new' a new signature can be created.





Figure 5: Create new signature screen.

After clicking new the 'Define signature' screen appears.

Define signature			
Signature name	Additional thaw embryo straw(s)	Depends on	✓
Туре	Barcode 🗸	Validation code	Type of dependancy 🗸
			Specify quantity
Double			
Overrule all			
Sort	5		
Show on punction day	✓		
Widget	lsfd_lab_defrost_embryo_wdg	0	
Secundary locks		Limit to treatments	expectative Ilfestyle advise sexual advise OI IUI MOH-UI IVF ICSI VF/ICSI sexor-IUSI Escape tul IVM gamete preservation female FET egg donation transfer Embryo donation transfer Surrogate ET IND gamete donation female Sportaneous prepanatory PGT IVF PGT ICSI re-biopsy IVF+ICSI med female surgery male gurger female ICSI devinfication female female material from external ovarium preservation Result after transport Other
End date	17		
Qb_name	Ditionalthawembryostraws_140_x		
📄 save 🤤 cancel			

Figure 6: Creating new signatures.

For clarity, the	following is ar	n explanation	of the fi	ields to be	entered.

Entry	Description
Signatur	Provide a unique name for the signature here.
e name	
Туре	 Indicate the desired option here. The options are: <i>PIN validation</i>: user must enter PIN. <i>PIN validation and lock</i>: this locks the input screen in the file. By using a PIN, the source can be traced. Even by a person other than the user himself. <i>Barcode</i>: this initial is used with the eWitness module. <i>Patient</i>: the patient's signature is recorded here; see Manual Signature module. <i>Lock only</i>: Same as PIN and lock. Only here the source cannot be traced.
Double	This indicates whether two employees must validate.
Dependi	Specifies whether the signature can be validated depending on whether
ng on	another signature is validated before. The signatures <u>do not have to be on</u>
	the same screen.
Overrule	If checked, a complete validation eye is automatically placed.
all	
Table	No input required.
Widget	This specifies where in the system the signature should be placed.
Sort	Determines the order in the dropdown menu.
Secundar	Here you can specify which screens should be additionally locked. If this
y locks	field is empty then the initialization applies only to this one screen.
Limit to	Here you can select the type of treatment for which this signature is
treatmen	intended; when it's chosen, the signature will only appear for that specific
ts	type of treatment.
End date	The validity period of an signature is defined here.
Qb_nam	This field is generated by the eBase and is needed for data analysis.
e	

Table 1: entry fields for new signatures.



3. Validators

Validators are included in the system to promote data consistency. They are standalone 'rules' incorporated into the application's workflow when opening a screen, saving data, and/or at a custom location. eFertility provides several validators as part of the standard package. Open the 'validation and locking' folder (as shown in images 1 and 2) and the following screen becomes visible. These validators offer an additional option, such as preventing the embryo transfer screen from being accessed without prior treatment, to prevent premature data input.



Figure 7: opening folder validation and locking.

Clicking on the 'validators' folder opens the following screen.

Administrator interface						
- 🗋 Core valuelist sort order 🛛 🖌	•	name	validator_type	on_er	Εı	
— D Coding systems		diagnosis_before_treatment	custom	\checkmark	\checkmark	×
-D Treatments		transfer_after_punction	onSave	\checkmark	\checkmark	×
- D Sequences		no_luteal_without_transfer	onDialogShow	\checkmark		×
La Studies		no_fertilization_without_oocytes	onDialogShow			×
Generation Generation		no_iui_without_trigger	onDialogShow		\checkmark	×
- Definitions		bcg_set_policy_popup	onSave		\checkmark	×
Query Builder	Þ	all_signatures_before_insemination	onDialogShow	\checkmark		×
Calidation and locking		episode_check_before_treatment	custom	\checkmark	\checkmark	×
- Signatures		check_for_closed_treatment	custom		\checkmark	×
Validators						
Labview printout definitions						
Exit-Letters						
Connections						
- ZorgMail						
Encounter definitions						
Batch invoicing						
🖻 🔁 Materials						
— 🗋 Materials list						
└─ 🗋 Work preparation						
😑 😋 Embryo score						
Basic score						
Score corrections						
. –						

Figure 8: Setting up validations.



Here the differences validations are defined. By clicking on 'new' a new validation can be created. A new line will then appear in the overview list. Click on the green arrow to open the new validation.

Administrator interface					
Core valuelist sort order	name	validator_type	on_er	Ei	
— D Coding systems	diagnosis_before_treatment	custom	 Image: A set of the set of the	$\mathbf{\overline{\mathbf{v}}}$	×
- D Treatments	transfer_after_punction	onSave	\checkmark	\checkmark	×
- D Sequences	no_luteal_without_transfer	onDialogShow	\checkmark		×
- D Studies	no_fertilization_without_oocytes	onDialogShow			×
🖻 🔂 Reports	no_iui_without_trigger	onDialogShow		\checkmark	×
- Definitions	hcg_set_policy_popup	onSave		\checkmark	×
Uuery Builder	all_signatures_before_insemination	onDialogShow	\checkmark		×
Validation and locking	episode_check_before_treatment	custom	\checkmark	\checkmark	×
 — Signatures 	check_for_closed_treatment	custom		\checkmark	×
- 🗋 Validators					
Labview printout definitions					
🖻 😋 Exit-Letters					
Configuration					
Connections					
- 🗋 ZorgMail					
 Encounter definitions 					
Batch invoicing					
😑 😋 Materials					
— 🗋 Materials list					
Work preparation					
🖃 😋 Embryo score					
Basic score					
Score corrections					
😑 🚖 User management					
User groups					
Permissions					
Users					

Figure 9: Creating new validator.

Uessel management
Uessel definition

😑 😋 Planner

3.1 Defining new validator

The definition of a validator can now be defined by clicking on the green arrow.

Auministrator interrace						
Core valuelist sort order		name	validator_type	on_er	Ei	
- Coding systems						×
- Treatments		diagnosis_before_treatment	custom		\checkmark	×
- Sequences		transfer_after_punction	onSave	~	~	×
Studies		no_luteal_without_transfer	onDialogShow			×
- Carl Reports		no_fertilization_without_oocytes	onDialogShow			×
- Definitions		no_iui_without_trigger	onDialogShow		\checkmark	×
Query Builder		hcg_set_policy_popup	onSave		~	×
Validation and locking		all_signatures_before_insemination	onDialogShow	1		×
- 🗋 Signatures		episode_check_before_treatment	custom	~	\checkmark	×
- 🗋 Validators		check_for_closed_treatment	custom			×
Labview printout definitions				·		
😑 😋 Exit-Letters						
Configuration						
- Connections						
- D ZorgMail						
- D Encounter definitions						
Batch invoicing						
🖻 😋 Materials						
- Materials list						
Work preparation						
😑 😋 Embryo score						
Basic score						
Score corrections						
😑 😋 User management						
User groups						
- Permissions						
Users						
Uessel definition						
	-	1 New				
	-					

Figure 10: opening a new validator.



In the next screen, the new validation can be defined.

ISTB.label.care_lsfd.widget.widg_dat	ta_validators!
Name	no_fertilization_without,oocytes
Validator_type	onDialogShow 🗸
Widget_name	lsfd_transferlab_input_wdg
Formula	var viTraitment = forms[Heb transforlab jeput wdg] foondest getSelectedRecord(); /f(wib hasRecords(v)Treatment care_care_treatment_to_care_punction) vTreatment care_care_treatment_to_care_punction pun_num_ooc≈=null){ return false;
	return true;
On_error_message_title	Too soon
On_error_message	Deze handeling kan pas worden gedaan als het aantal oocyten bekend is.
Block_on_error	
Enabled	
📄 save 😑 cancel	

Figure 11: Define new validator.

3.1.1 Name

Give an unambiguous name to the validation.

3.1.2 Validator type

This defines when the validation should be performed.

Туре	Explanation
OnDialogShow	When opening a dialog.
OnSave	When saving a change.
OnAction	In an action inside with eBase, for example, a button press.
OnDataChanged	When entering a change.
Custom	This allows for validation outside the usual widgets. This option must
	be implemented by eFertility.

Table 2: validator type.

3.1.3 Widget name

Here it is defined at which file item the validation is to be performed. The administrator is familiar with the names of the various widget options.

3.1.4 Formula

Here the validation is described. Below is an example of a validation: no fertilization can be entered, without a number of oocytes entered at puncture.

START

```
var vTreatment = forms['lsfd_transferlab_input_wdg'].foundset.getSelectedRecord();
if(!utils.hasRecords(vTreatment.care_care_treatment_to_care_punction)||vTreatment.care_care_tre
atment_to_care_punction.pun_num_ooc==null){
return false;
}
return true;
```



END

3.1.5 On_error_message_title

This is where the title of the pop-up message is defined.

3.1.6 On_error_message

This is where the content of the pop-up message is defined.

3.1.7 Block_on_error

This specifies whether to stop after an incorrect entry.

3.1.8 Enabled

This specifies whether validation should be performed.