

MedITEX instructions for clinical IT administrators:

MedITEX Barcode Functionality

Requirements

In order to use barcode functionality in MedITEX, selected workstation(s) need to be equipped with an own scanner. If you want to create and print out own barcode labels out of MedITEX, you also need designated barcode printer(s) (Zebra or Dymo, for example).

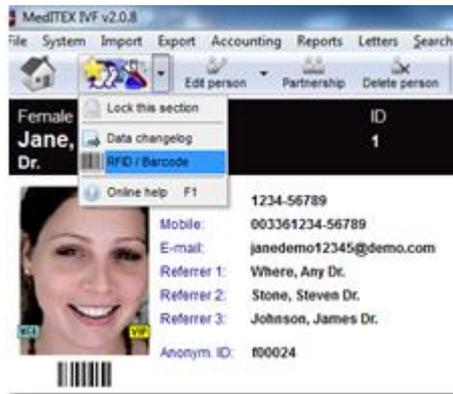
Functionality

It is possible to use barcode functionality from all MedITEX sections using functions available in the QM

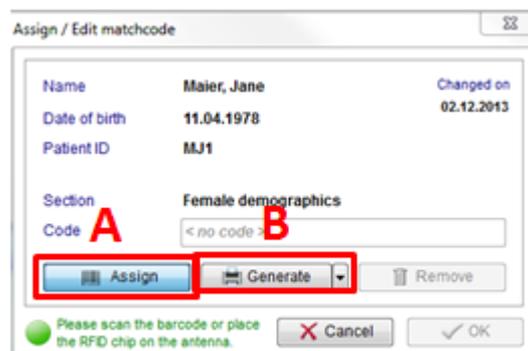
button 

1. Unique identification of patients using barcode

Choose a patient, click on **Demographics**, click on the **drop-down-QM** button , and choose RFID/Barcode:



This window appears:



A: Click on **“Assign”** if you already have a unique barcode and you want to link it with currently selected patient. Scan the barcode. The code appears in the field **“Code”** and the demographic data will automatically be linked to that barcode after clicking on OK button.

Name	Maier, Jane	Changed on
Date of birth	11.04.1978	02.12.2013
Patient ID	MJ1	
Section	Female demographics	
Code	E00401005832B062	

Assign Generate Remove

Please scan the barcode or place the RFID chip on the antenna. Cancel OK

B: Click on **“Generate”** to create a new barcode label for this person. Demographic data will automatically be linked to that code after clicking on OK button.

Now you can print the patient card with the generated barcode. Therefore click on **“Print”**. If you want to see the barcode labels once again, click on the drop-down button **“Print”** and choose **“print with options”**:

Barcode Labels

DEMO Jane
Date of birth: 01.01.1980
Patient ID: 1 (Female demographics)

E00401005832E3CB

Copies 1 Printer KONICA MINOLTA C353 Serie
Template Dymo_Template_99010.doc

OK Cancel

Every time you scan this card with the barcode scanner, MedITEX will automatically find and open demographics of the patient associated with that barcode.

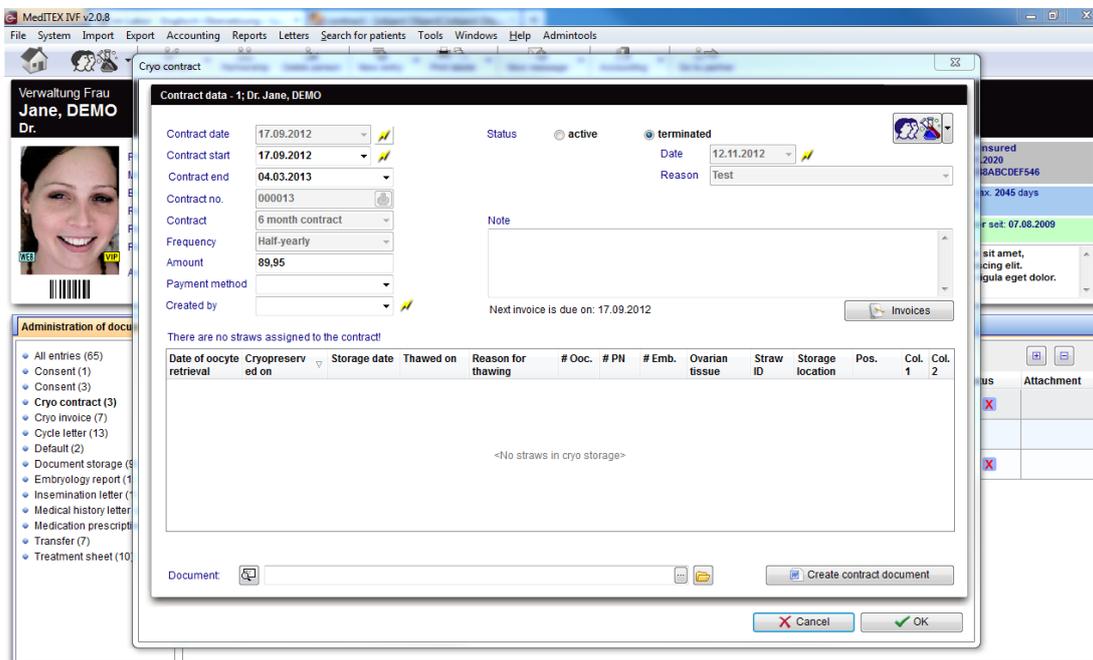
2. Unique identification of materials using barcode

In the same way as described above, it is possible to generate and/or associate a barcode with every data record in MedITEX which contains the QM button . Once associated in this way, MedITEX will open the exact data record after scanning a barcode.

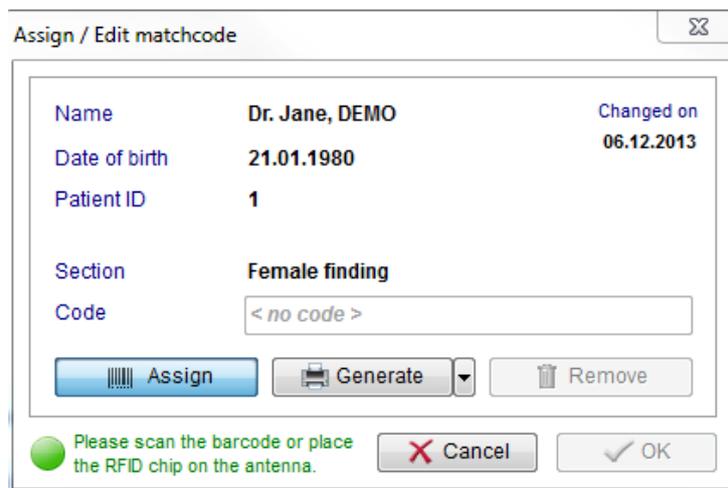
To illustrate that, here is another example in a different context:

2.1 Document identification using barcodes

Click on patient's **Demographics** and then on the document you want to associate with a barcode label.



Click on the **drop-down QM** button  and choose **RFID/Barcode**. This window appears:



Assign or generate a barcode for that document and stick it or attach it on the print-out document. Next time the patient comes again, just scan the document. MedITEX will immediately find and open the digital version of the document.

3. Matching of materials using Barcode

One of the important features of MedITEX is the possibility to quickly check if two materials belong to one couple in MedITEX. In this way there will be no confusion when two materials (for example oocytes and sperm for fertilization) need to be matched.

Starting point: Two samples from two different couple in the laboratory (all samples have been already associated with lab materials – eggs and sperm)

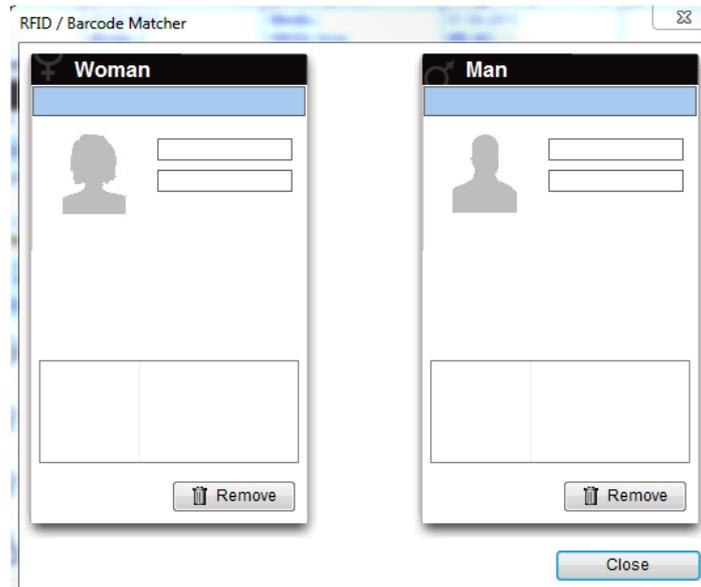


Click on the scanner button in Culture (or use a shortcut Ctrl + M):

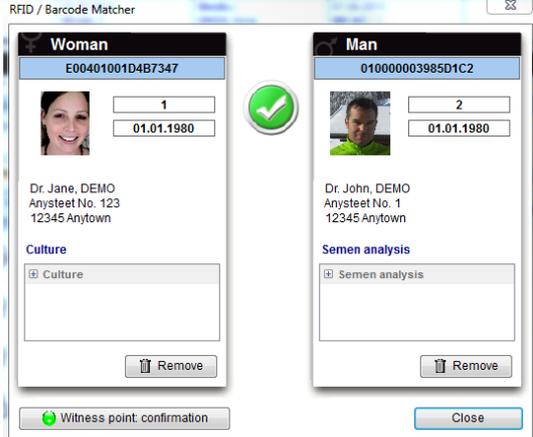
The screenshot shows the MedITEX v2.0.8 software interface. The 'Culture' section is active, displaying a table of treatments and a graphical representation of embryo development over time. A red box highlights the scanner icon in the top right of the software window.

Doc. no.	Treat	SP	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	PBD analysis
1	ET	SP1	?	?	?	?	?	?	?	?	
1132	IVF	SP1	?	?	?	?	?	?	?	?	
2	ET	SP1	?	?	?	?	?	?	?	?	
1133	IVF	SP1	?	?	?	?	?	?	?	?	
3	IVF	SP1	?	?	?	?	?	?	?	?	
1134	IVF	SP1	?	?	?	?	?	?	?	?	
4	IVF	SP1	?	?	?	?	?	?	?	?	
1135	IVF	SP1	?	?	?	?	?	?	?	?	
5	IVF	SP1	?	?	?	?	?	?	?	?	
1136	IVF	SP1	?	?	?	?	?	?	?	?	
6	IVF	SP1	?	?	?	?	?	?	?	?	
1137	IVF	SP1	?	?	?	?	?	?	?	?	
7	...	...	...	...	...	...	...	...	...	...

This Matcher window will appear:



1. First possibility:

<p>Scan two samples from one couple with the barcode scanner:</p>	<p>In the same time in MedITEX IVF:</p>
	
<p style="background-color: #00FF00; padding: 5px; text-align: center;">These two samples belong together. You may proceed with fertilization.</p>	

2. Second possibility:

<p>Scan two samples from one couple with the barcode scanner:</p>	<p>In the same time in MedITEX IVF:</p>
	
<p style="text-align: center;">These two samples don't belong together!</p> <p>MedITEX IVF will stop and require that the user has to identify himself in order to proceed. A witness point will be written to the log, indicating that the user tried to match materials from persons that do not form a couple.</p>	