

MedITEX Release Notes

MedITEX Newsletter

It is possible to subscribe to the monthly MedITEX Newsletter with the following link:

https://www.subscribepage.com/de_meditex

We will keep you updated about all the MedITEX topics with it.

Version 2.8.1.0

Features

1) **MedITEX IVF**

a) **General**

The OHSS form has been changed to suit the original.

Activate via System → Configuration/administration → Settings → System → Functions → Automatic ID generation.

For the use of the SEC-codes it is important to define all relevant information.

Generation of SEC
A SEC (Single European Code) marks tissues uniquely in the EU.

Feature active
 Automatic generation active

Clinic alias: Critex GmbH 1 of 2
Tissue Establishment (TE) code: 123456
TE codes: webgate.ec.europa.eu
Country code (ISO): DE
Coding system: Eurocode

After a Cryo Gyn or Cryo Andro was submitted the button “Single European Code (SEC)” can be clicked. A SEC-code will be generated for this particular straw. The same applies to the thawing in the cryo storage because of the outsourcing of the material. At this point the outgoing SEC-code for the Straws can be generated.

Is a SEC-code active and configured, the SEC-field becomes visible in the cryo storage. Using this it is possible to quickly identify if the SEC-code or if it is missing, has not been generated yet or has been generated.

Cryo ID	Follicle aspiration	Cryopreservation	Storage date	Cryo technique	Cryopreserved by	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Straw ID	Status	Storage location	Pos.	CL. 1	CL. 2	Contract number	For research	SEC
284	24.10.2019	24.10.2019	25.10.2019		Mona, Mueller	1	4			<input type="checkbox"/>	2252		Cryo Tank 1 B B (Regensburg)					<input type="checkbox"/>	
283	24.10.2019	24.10.2019	25.10.2019		Mona, Mueller	1		3		<input type="checkbox"/>	2253		Cryo Tank 2 2 E (Regensburg)		Yellow	Red		<input type="checkbox"/>	
285	24.10.2019	24.10.2019	25.10.2019		Mona, Mueller	1		2		<input type="checkbox"/>	2254		Cryo Tank 2 1 2 B (Regensburg)		Yellow			<input type="checkbox"/>	



Grey light: No SEC-code is necessary

The straw comes from same clinic where it will be cryo conserved so no SEC-code is needed.



Yellow light: A code will need to be entered

The straw originated from a different clinic, field “Clinic of origin” in the oocyte / embryo cryopreservation mask, and has been cryopreserved in your own clinic. An incoming SEC-code will need to be documented.



Green light: The SEC-code has been correctly configured

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Oocyte / embryo cryopreservation of Jane, DEMO (123456)

Follicle aspiration	24.10.2019	Patient ID	123456	Jane, DEMO
Date of freezing	24.10.2019 14:29	Partner ID	2	John, DEMO
Cryopreserved by	Mona, Mueller	Cycle ID (Cryo)		
Cryo technique		Cryo contract		
Clinic of origin	CRITEX GmbH			
Storage date	25.10.2019			
Stored by				
Straw ID	2253			
Status				
# Straws	1			

Material

<input type="checkbox"/> Ovarian tissue	Mit SP-Spende <input type="checkbox"/>	
# Ooc. 0	# PN IVF 3	# Emb. IVF 0
	# PN ICSI 0	# Emb. ICSI 0
Total number PN 3	Total number Emb. 0	

Preserv. using cryo storage

Storage location: Cryo Tank 2 2 2 E Position: Colour: Yellow

Free places: 10

Note

For research
Reason for research:

Change patient: Single European Code (SEC) Cancel OK



SEC (Single European Code) Manager

Incoming SEC Outgoing SEC

SEC

<No data to display>

SEC: _____

You can now scan the barcode or use the RFID chip.

DIS: _____

PIS: _____

By clicking the green plus the SEC can be entered manually or by clicking "Generate all (x)" automatically generated for all Straws.

The SEC-code has been exemplarily explained in the field Cryo Gyn. Straws in the male cryo storage use the same procedure.

More information under [SEC \(Single European Code\)](#).

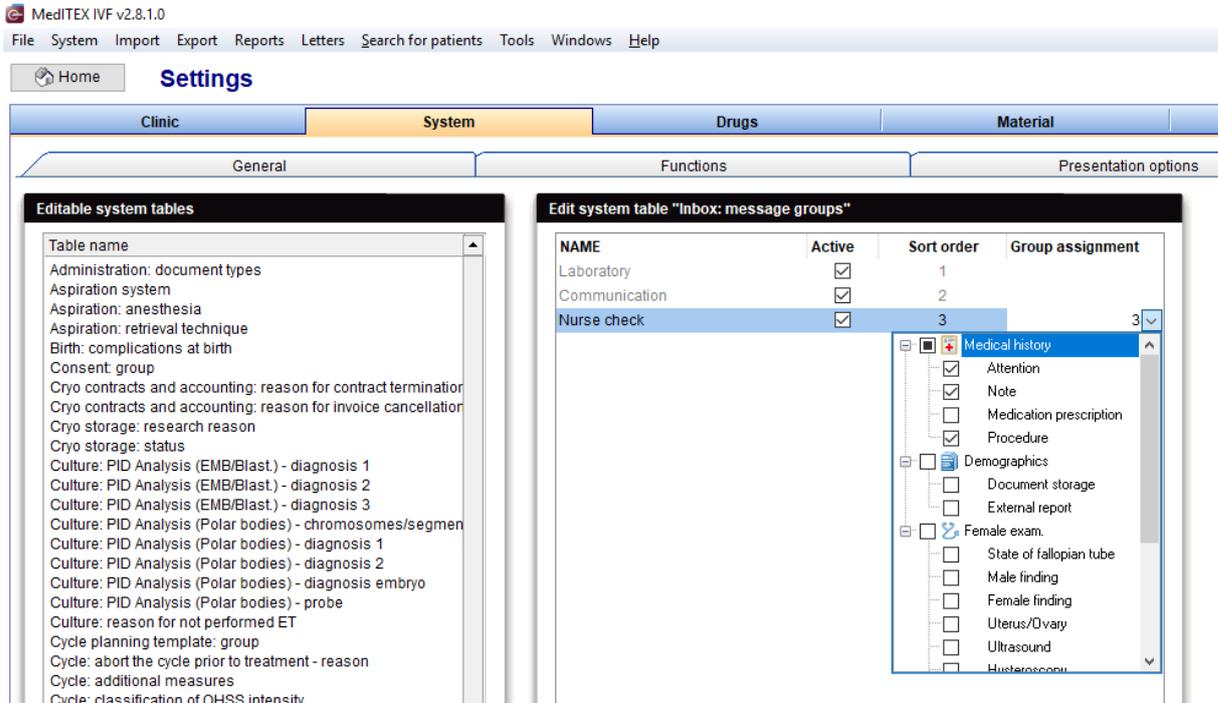
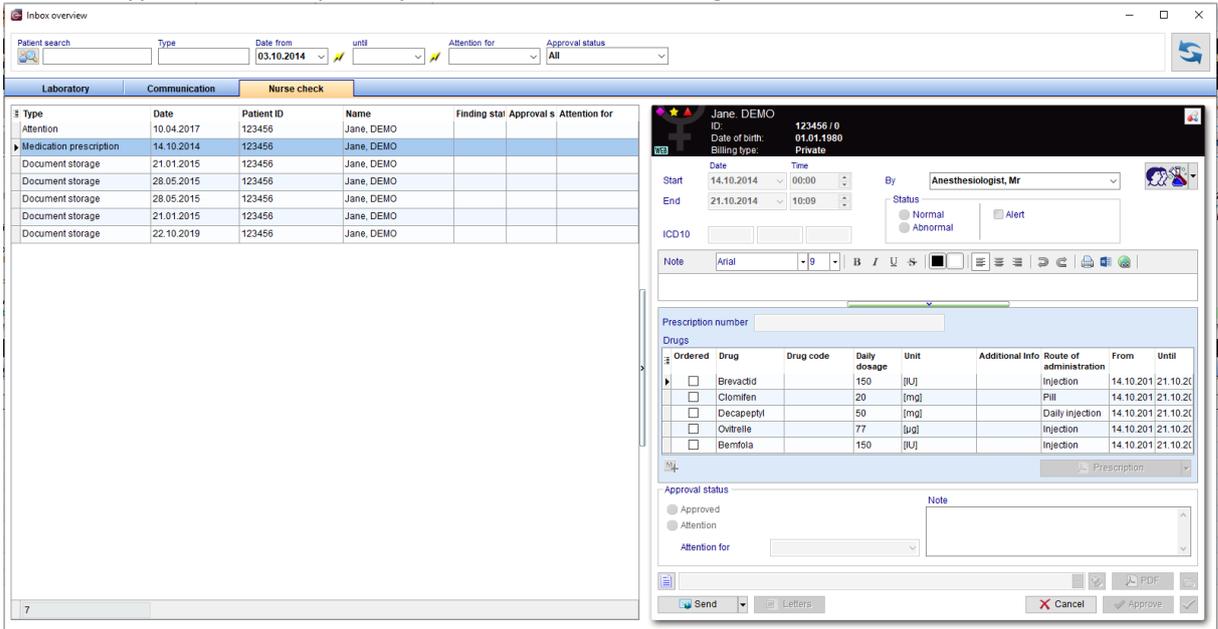
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b) Main window

New area "Inbox":

It's possible to open it via the "Inbox" button at the top of the main window.

The inbox area is a combination of incoming lab results, communication overview and user defined groups (and entries). In the screenshot we defined a new group called "Nurse check" where records from the type medication prescription and document storage are shown.



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“Administrate list” option can now be accessed via the main window.

In “Administrate list” the settings can be configured, which Cycle letters will be shown or can be created in the main window or in the visible menus. Therefore opening the cycle will no longer be necessary to generate cycle letters.

The screenshot shows a patient profile for Jane, DEMO (DOB: 01.01.1980). The medical history section includes physical characteristics (150cm, 55kg, BMI 24.4), lab diagnostics, and female exam results. A table of planned cycles is shown below, with the 'Administrate list' option highlighted for cycle 8.

No.	Start	Treatment	Donation	Partner	Sperm
11	26.10.2019	IVF,ICSI		John, DEMO	
10	Letters			John, DEMO	Not spec
9	Administrate list			John, DEMO	None sel
8				John, DEMO	None sel
7	06.09.2016	IVF,ICSI		John, DEMO	None sel

c) Medical history

Medical orders can now be duplicated. This is especially useful for medication prescriptions in the medical history because these can now be duplicated.

The screenshot shows the 'Female medical history' section for a patient with ID AN1 and date of birth 01.09.1989. A table of medical orders is displayed, with a context menu open for a record on 21.10.2019, highlighting the 'Duplicate record' option.

Start date	End date	Type	Description
21.10.2019		Medical order	Duplicate record

It is now possible to document vaccinations.

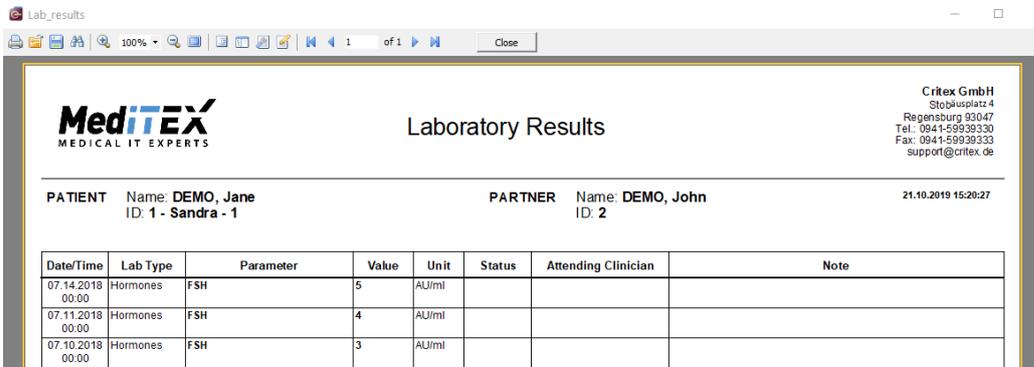
The entries can be configured in System → Configuration/administration → Settings → System → System tables → Medical history: vaccinations.

The screenshot shows the 'General' settings tab in the system configuration. The 'Vaccinations' section is highlighted with a red box, indicating where vaccination entries can be configured.

d) Lab. diagnostics

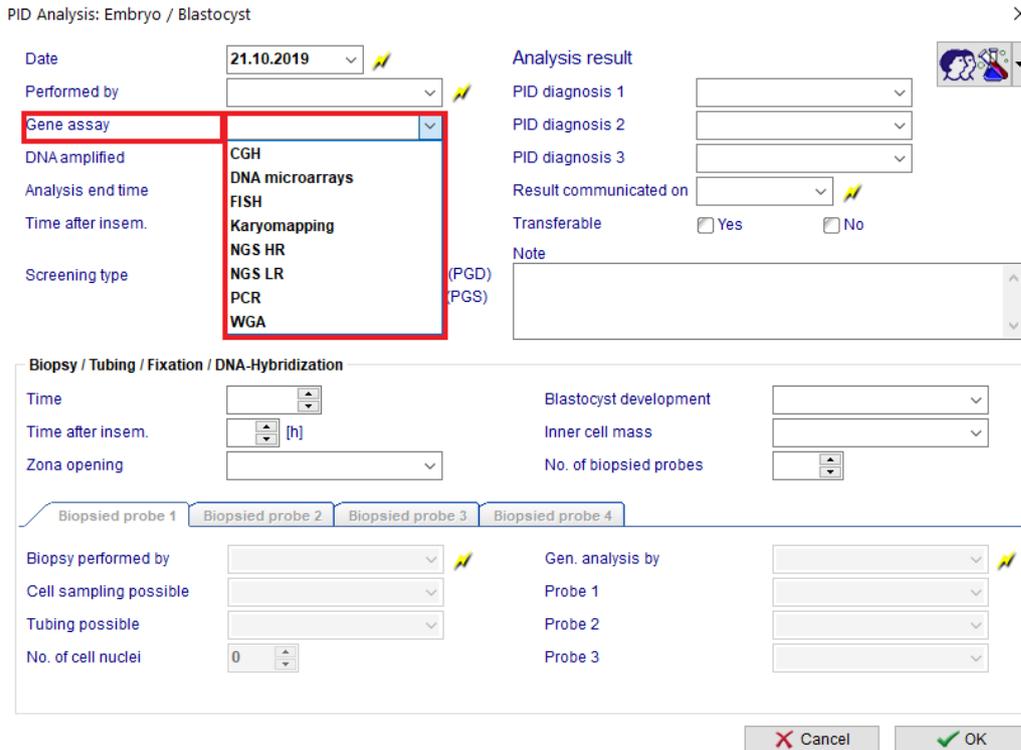
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Under letters in Lab. Diagnostics, it is now possible to show all or selected lab. results.



e) Cycles

New "Gene assay" field has been added to PID Analysis: Embryo/Blastocyst.



f) Cryo contract management

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Cryo contracts can now be generated directly from the patient cryo storage.

Currently in storage			History				
Cryo ID	Follicle aspiration	Cryopreserved on	Storage date	Cryo technique	Cryopreserved by	# Days	# Ooc. #
579	09.07.2018	10.07.2018	10.07.2018			468	
551	08.12.2017	12.12.2017	12.12.2017			678	
550	08.12.2017	11.12.2017	11.12.2017			679	
549	08.12.2017	10.12.2017	10.12.2017			680	
552	08.12.2017	08.12.2017	08.12.2017			682	2
508	10.04.2015	10.04.2015				1655	
509	10.04.2015	10.04.2015				1655	
536	14.12.2014	14.12.2014				1772	5

2) MedITEX Scheduler

Any changes applied to the SMS template will be from now on logged in Report → Logging of activities.

3) MedITEX Accounting

A day range limit for automatically generated billing items can now be set In Settings → Invoice management → Invoice settings → Invoice settings.

Settings - v.2.8.1.0

Services and materials / prices | Overview of prices | **Invoice management** | Document templates

Invoice settings | Dunning levels | Changeable system tables

Invoice settings

Rule for invoice number: Continuous number (8-digits) with leading zeroes

Invoice type active

E-claims active

ICD code visible for billing items

Factor on invoice item price

Co-payment possible

VAT

no

on final invoice amount

on each invoice item

Standart value-added tax rate: 0,0%

Billing items settings

Only use MedITEX Accounting for exporting billing items

Day range limit (event date) for self generating billing items: 7 days

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Bugs

1) MedITEX IVF

a) General

Editing labels is now possible again.

Problems with permissions when opening fields in cycles have been fixed.

Changes to the patient search function have been made.

The list of warnings (Reports → Lists) does not show empty fields anymore.

b) Demographics

An error when saving new entries has been fixed.

Inconsistencies in the generation of Couple IDs have been fixed.

c) Lab. diagnostics

Attachments with the same name will no longer be deleted or overwritten in the semen analysis documents section.

d) Medical history

The medical history description will now be shown again.

e) Cycles

The right treatment will now be displayed in the overview.

Changes to the starting date will now be displayed correctly in the main window.

Some inconsistencies in the cycle overview have been fixed.

f) Cryo contract management

Discrepancies in the cryo contract management when changing the storage fee have been fixed.

The cryo contracts generation time from the cryo storage has been improved.

g) Report editor

Inconsistencies in the report editor have been fixed.

2) MedITEX Scheduler

An error message when changing a linked user to a resource has been fixed.

3) MedITEX Administration

Creating new users works as usual again.

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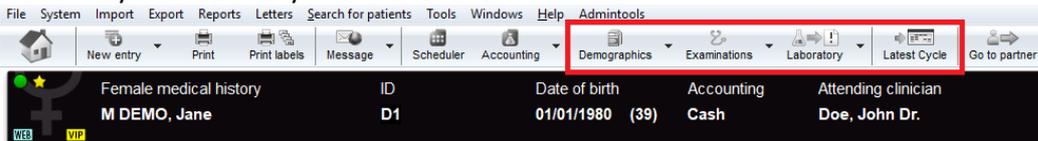
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Features

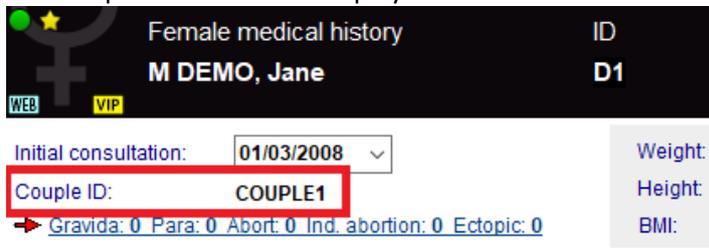
4) MedITEX IVF

a) General

It is now possible within the new highlighted buttons to jump to one of the 4 different MedITEX IVF main sections (Demographics, Medical history, Lab. diagnostics and Examinations) in addition to Cycles section if you are already in one of them.



The Couple ID will also be displayed in all 4 sections.



In System settings → Clinic data, the clinic's country can now be entered. This information is important for the ESHRE report.

The screenshot shows the System settings - Clinic data form. The form is divided into three tabs: Clinic, System, and Drugs. The Clinic tab is selected. The form contains the following fields:

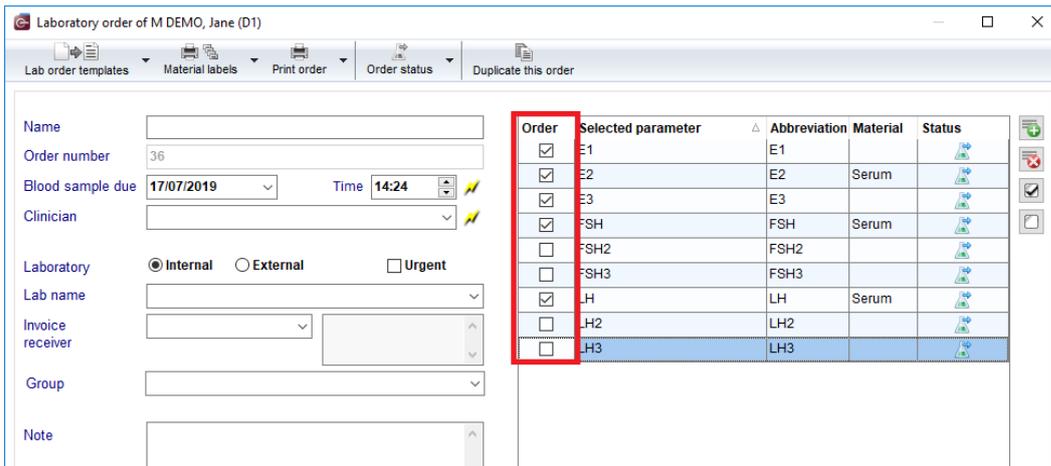
Clinic ID	111	Survey ID	
CRN		PRN	
Name	CRITEX GmbH		
Alias	Regensburg		
Name 1			
Name 2	TESTA		
Name 3			
Street	Stobäusplatz 4		
Postcode	93047	City	Regensburg
Province		Suburb	
Region		Country	
Phone	0941-59939330	Fax	0941-59939333

The Country field is highlighted with a red box.

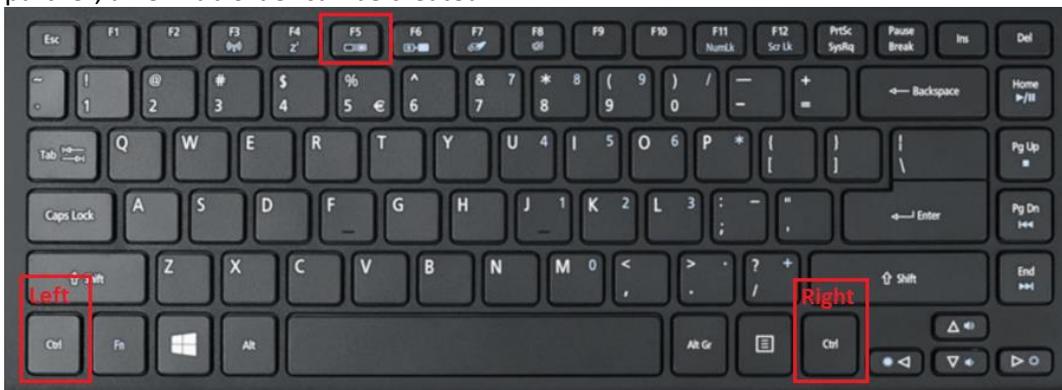
b) Lab. diagnostics

Lab parameters in a defined lab order can now be unticked.

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In any section, with the key combination “Left Ctrl + F5” for the patient and “Right Ctrl + F5” for the partner, a new lab order can be created.



c) Medical history

A new medication prescription can also be created from any MedITEX IVF section using the key combination "Left Ctrl + F4" for the patient and "Right Ctrl + F6" for the partner.

d) Cryostorage

The “Status” column has been added to the cryostorage. It can be made visible with the small button at the top-left-corner of the table. A status can be set by right-clicking on a specific record.

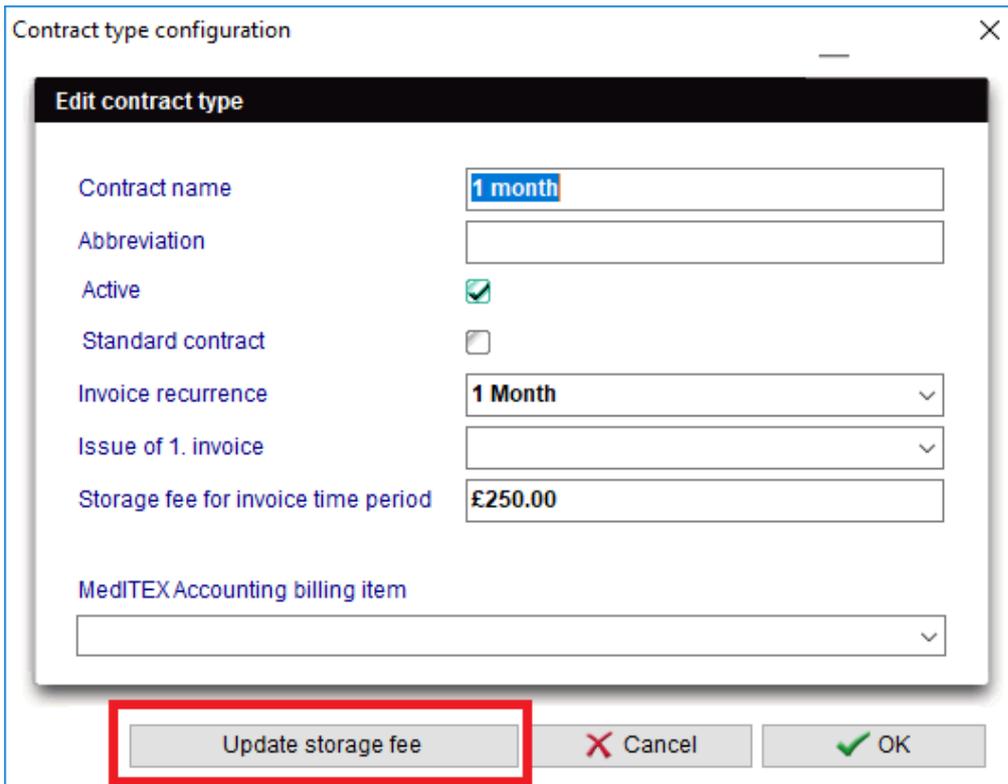
The status options can be edited in System → Configuration / administration → Settings → System → System Tables → Cryo storage: status.

Currently in storage		History									
Own material											
Cryo ID	Follicle aspiration	Cryopreserved on	Storage date	Status	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Straw ID	Storage location
173	12/02/2019	13/02/2019	13/02/2019	Available	154		1		<input type="checkbox"/>		
152	28/01/2019	28/01/2019		Available	170		1		<input type="checkbox"/>		
153	28/01/2019	28/01/2019		In quarantine	170		1		<input type="checkbox"/>		
154	28/01/2019	28/01/2019									
155	28/01/2019	28/01/2019									
156	28/01/2019	28/01/2019									
158	28/01/2019	28/01/2019							<input type="checkbox"/>	40	
159	28/01/2019	28/01/2019			170	1			<input type="checkbox"/>	41	
160	28/01/2019	28/01/2019			170	1			<input type="checkbox"/>	42	
161	28/01/2019	28/01/2019			170	1			<input type="checkbox"/>	43	

e) Cryo contracts

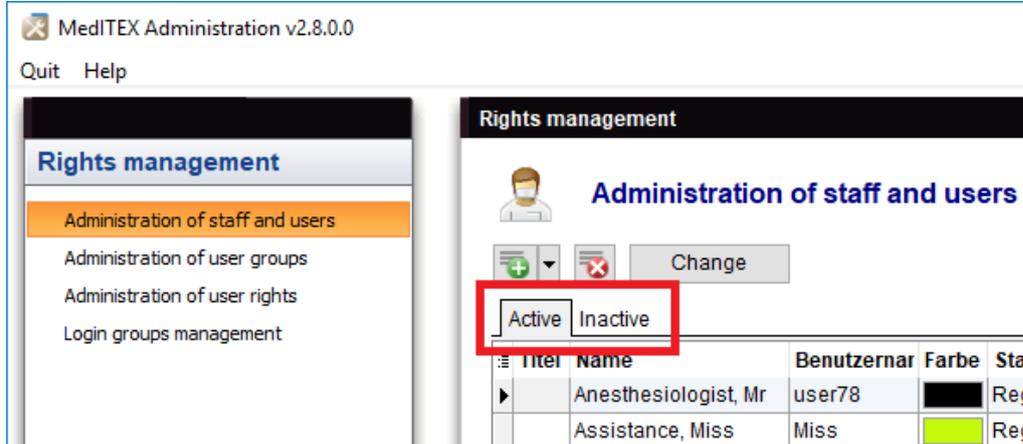
The storage fee can now be updated for all open and new contracts.

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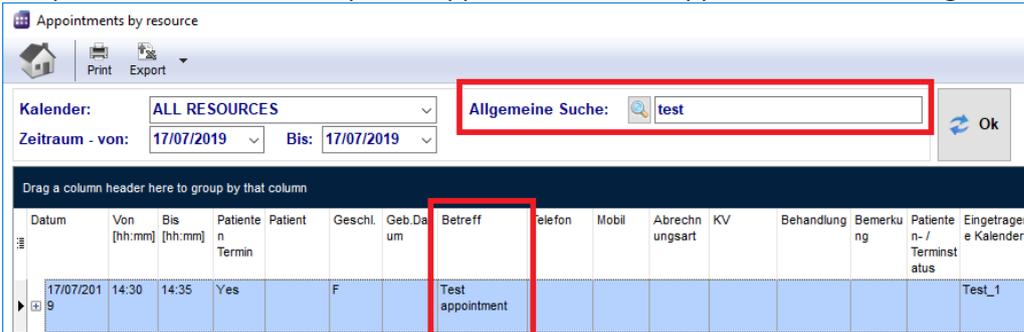
5) MedITEX Administration

In MedITEX Administration, the staff/users are now divided in two groups: Active and Inactive.



6) MedITEX Scheduler

It is possible to search for a specific appointment in the appointments' list using its subject.



Bugs

MedITEX Release Notes

4) MedITEX IVF

a) Cycles

Some bugs in Pregnancy and Birth sections have been fixed.

b) Cryo contracts

If the checkbox “Generate document(s) without printing” is ticked, the information message about printing serial letters will not come up.

Refreshing issues have been fixed.

c) Cryostorage

The Partner ID field is now being filled after a separation and a new partner assignment.



Oocyte / embryo cryopreservation of DEMO, Jane (1)

Follicle aspiration	11/06/2019	Patient ID	1	DEMO, Jane
Date of freezing	13/06/2019 00:00	Partner ID	2	DEMO, John
Cryopreserved by		Cycle ID (Cryo)	35	
Cryo technique		Cryo contract	000003	
Clinic of origin				

No more identical straw IDs will be automatically generated as an extra number will be added to make these IDs unique (../1, ../2, ../3, etc.).

d) Report editor

Adjustments in the semen analysis table have been made.

5) MedITEX Accounting

Display errors in “Payment (multiple invoices)” have been revised.

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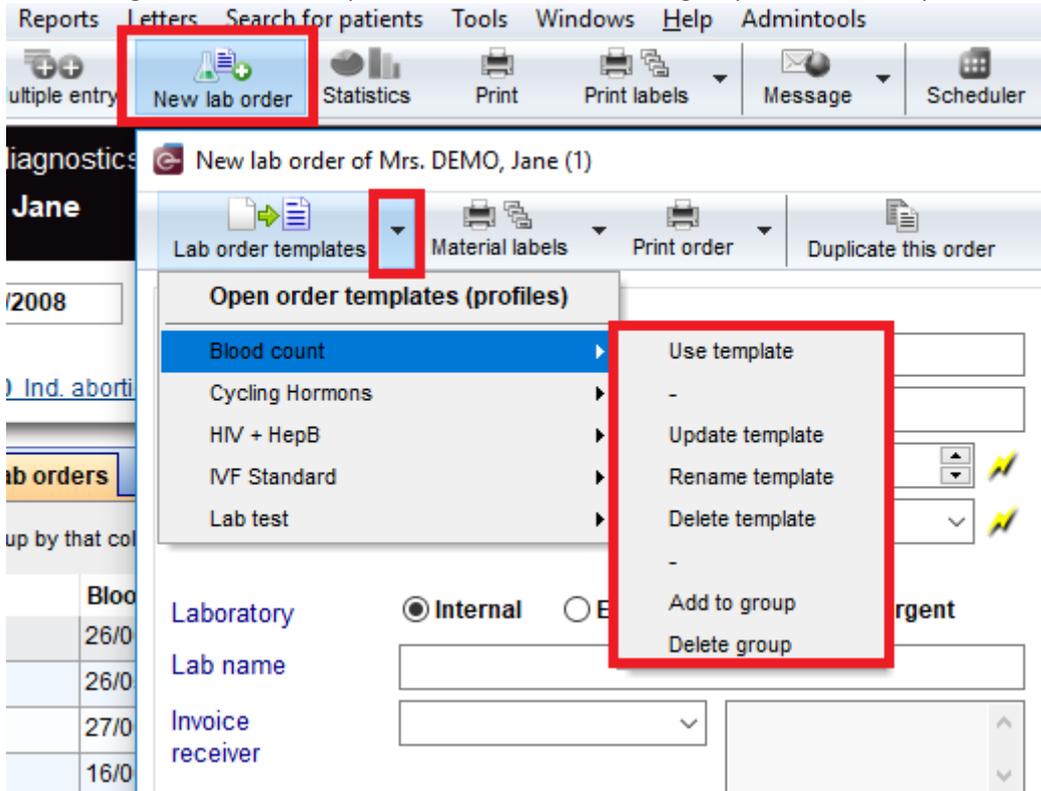
Features

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7) MedITEX IVF

a) Lab. diagnostics

In Lab. diagnostics, it is now possible to edit, delete and group lab order templates.



b) Planned cycles

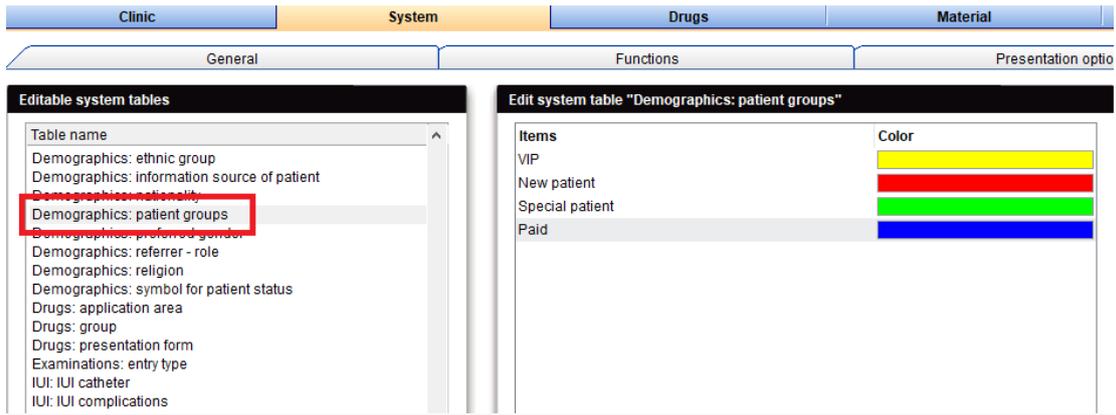
The field "Genetic Condition" has been added to the planned cycles "Additional measures".

Additional measures	
Measures	Cryopreservation
PID (Polar bodies) Indication	
PID (EMB/Blast) Indication	
Genetic Condition	

c) Demographics and patient search bar

Patients can now be classified. In the "Demographics: patient groups", new patient groups can be added. A color can also be assigned to each group.

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In Demographics → Edit person, a patient can be assigned to a group.



When the patient is selected, the search bar will be highlighted in the corresponding patient group color.

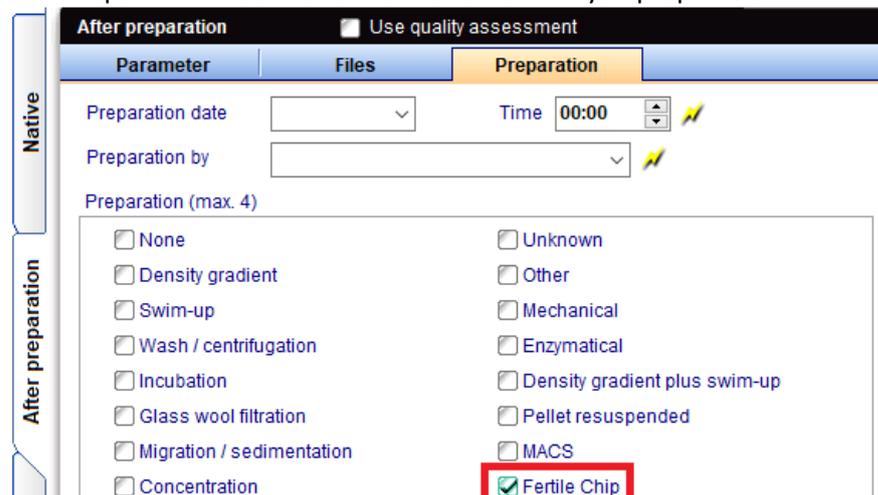
d) Cryostorage

The columns "Emb.: ID / No" and "For donation" have been added to the cryostorage table.

The screenshot shows the 'Oocyte / embryo cryo storage of DEMO, Jane (1)' table. The table has columns: Follicle aspiration, Cryopreservation, Storage date, # Ooc., # PN, # Emb., Straw ID, Storage location, For donation, and Emb.: ID / No. The 'For donation' and 'Emb.: ID / No' columns are highlighted with a red box. The table contains several rows of data, including one row with a '1' in the '# Emb.' column and '274 / 1' in the 'Emb.: ID / No' column.

e) Semen analysis

A new option has been added to the semen analysis preparation.



f) Cryo administration

The column "Anonymous ID" has been added to the "Cryo administration" list.

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Lists Verzeichnis öffnen mit Dialog

Cryo administration Show QM entries Delete Edit

This list contains an overview about cryopreserved samples of the patients with informations like type of the sample, type of material, number of units per sample, the date of storage and freezing and also information about the used cryo storage location.

Cryo administration

Drag a column header here to group by that column

Position	Patient no.	Anonymous ID	Name	Date of birth	Gender	Str
1	1	BCD.W.1.010	DEMO, Jane	02/01/1980	F	EME
2	1	BCD.W.1.010	DEMO, Jane	02/01/1980	F	EME
3	1	BCD.W.1.010	DEMO, Jane	02/01/1980	F	OO
4	1	BCD.W.1.010	DEMO, Jane	02/01/1980	F	PN
5	1	BCD.W.1.010	DEMO, Jane	02/01/1980	F	PN

g) Settings

Access to the patient file storage can now be restricted.

Clinic **System**

General Fu

System paths

File storage path: C:\CRITEX\MedITEX IVF\File_Storage

DIR Datenpfad: C:\CRITEX\MedITEX IVF\TPS\

FM storage path:

Plausibilities and exports

DIR
 Basis list
 AKF
 Pergoveris NIS 2010
 Gonalf CONSORT NIS / FertigPen

Access file storage (patient folder)

All users
 Only admin users
 Lock access

Male demographics
DEMO, John

Phone: 01234-56789
 Mobile: 01234-56789
 E-mail: johndoe@dem
 Mother tongue:

Capture new image
 Remove patient photo
 Open patient directory

Location: CRITEX

8) MedITEX Scheduler

a) After selecting a patient, the patient location is automatically filled.

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If there is only one resource linked to the appointment, the filter checkbox will remain ticked.

The screenshot shows the appointment form for 'DEMO, John'. The patient details include: Date of birth: 01/01/1980 (39), Phone: 01234-56789, Mobile: 01234-56789, Billing category: Insured, Insurance: Test Insurance. The 'Subject' field is empty. The 'Treatment' dropdown is empty. The 'Location' dropdown is set to 'CRITEX'. The 'Treatments filtered after linked Resources' checkbox is checked. The start of the patient appointment is set for 16/05/2019 at 09:00. The resource is set to 'Doe, Jane'. Below the form is a table showing the appointment details:

Resource	Group	Date	Start	Finish	Duration
Doe, Jane	Doctor	16/05/2019	09:00	09:30	00:30

b) The user-defined filter can be removed using the “Del” key.

The screenshot shows the filter bar with the filter: '(Linked resources = Doe, Jane) and (Room = Waitingroom 1)'. The filter is currently active and highlighted with a red box.

c) In Settings → Working times and constraints → Internal / general app., it is now possible to predefine internal/general appointments templates.

The screenshot shows the 'Settings' window for 'MedITEX Scheduler v2.7.9.0'. The 'Working times and constraints' tab is selected for the 'Internal / general app.' type. The 'Details' section shows the following information:

- Appointment can be used:
- Template name: IVF Appointment
- Subject: IVF Treatment
- Note: From templates

The template can be then selected when creating an internal/general appointment.

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Patient appointment Internal / general Search free time

Template: IVF Appointment

Subject: IVF Treatment

Lock time / resource All day

Start of appointment: 16/05/2019 10:30 Resource: [Add] [Remove]

Resource	Group	Start		Finish		Duration
		Date	Time	Date	Time	
Doe, Jane	Doctor	16/05/2019	10:30	16/05/2019	11:00	00:30

Recurring appoint. Note: [Text Area]

Every week [Dropdown]

Until: 16/05/2020 [Dropdown]

Remind user 15 minutes before the appointment

Copy appointment Delete Cancel Save

- d) If two or more resources are linked to the same user and this user is selected in an appointment, the time period will be blocked in these resources' calendars. This new setting is very important when users are assigned to different locations and will prevent appointments conflicts. This can be done in Settings → Resources after selecting a specific resource to configure.

Edit resource "Doe, Jane"

Resource represents one person / group of persons

Yes No

Link with user Doe, Jane Dr.

Resource name / description Doe, Jane

Resource belongs to group Doctor

Location ALL

Colour of resource header [Cyan] Choose own colour

Active

Block linked user for time period if they are in use in an appointment

Cancel OK

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Thursday, 16 May 2019		
Dr. John Location C	Dr. John Location B	Dr. John Location A
1 - DEMO, Jane Cash	Resource blocked.	Resource blocked.
14:15-14:30 1 - DEMO, Jane Cash	14:15-14:30 Resource blocked.	14:15-14:30 Resource blocked.

9) MedITEX Webportal

The default web portal password has been withdrawn. It is now possible to generate a unique password for each patient using a secure password generator.

Under System → Configuration / administration → Settings → System → Functions → Web portal, the password length can also be adjusted.

10) MedITEX Accounting

The invoices generated in MedITEX Accounting can now be published in the web portal.

	Inv. num	Status	Inv. level	Inv. date	Paym. due d	Date of n	Days ove
!	000005	Open	Invoice	13/03/2019	03/04/2019	13/04/20	43
!	000006	Open	Inv				43
●	000008	Open	Inv				
●	000009	Open	Inv				
●	000010	Open	Inv				
●	000012	Open	Inv				

- Select person
- Open invoice
- Pay invoice
- Pay invoice with current credit balance
- Credit invoice
- Send e-mail
- Publish in webportal

MedITEX Release Notes

Bugs

6) **MedITEX IVF**

a) **General**

Adjustments were made in the patient changelog.

Issues related to the partner data in cryostorage have been resolved.

The referrers notes can now be saved.

b) **Examinations**

The error message when adding QM fields without entering an examination date has been fixed.

c) **Consents**

A problem with the field "Valid for" in consents administration has been fixed and the gender is now properly displayed.

d) **Demographics**

Inconsistencies in administration of documents were resolved.

e) **Medical history**

Basis semen analysis fields are automatically filled in the male medical history if a semen analysis is linked to it.

7) **MedITEX Accounting**

Minor adjustments have been made.

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Features

11) MedITEX IVF

a) Task Manager

A list of active staff members with no assigned functions will be displayed under Staff → No function.

All staff members are now alphabetically sorted.

The screenshot displays the 'Task manager' window. At the top, there are navigation buttons: 'New task', 'Edit task', 'Delete task', and filter buttons 'All', 'For me', 'By me', and 'Current couple'. Below these are tabs for 'Open' and 'Solved' tasks. The main table lists tasks with columns: Date, Task, Creator, Staff, Prio, Status, Deadline, Pat., and Doc. A task is shown with the date 27/05/2015, task description 'Blood Sample Please call the patients to remind them', creator 'ivf ivf', and deadline 23/02/2018. Below the table, there are fields for 'Task', 'Staff', 'Prio', 'Status', 'Deadline', 'Patient', and 'Linked do'. A dropdown menu for 'Staff for the task' is open, showing a list of roles with checkboxes: ALL (checked), Clinician, Embryologist, Operating theatre, Lab, Human geneticist, Registration, Documentation, Nurse, Anaesthetist, No function, Assitance, Miss Mrs, Doe, Jane Dr, and Professor, Doctor Dr. The 'No function' option is expanded to show the last three roles. At the bottom left, it says 'Total tasks: 6'.

Date	Task	Creator	Staff	Prio	Status	Deadline	Pat.	Doc
27/05/2015	Blood Sample Please call the patients to remind them	ivf ivf				23/02/2018	DEM O, Jane	.

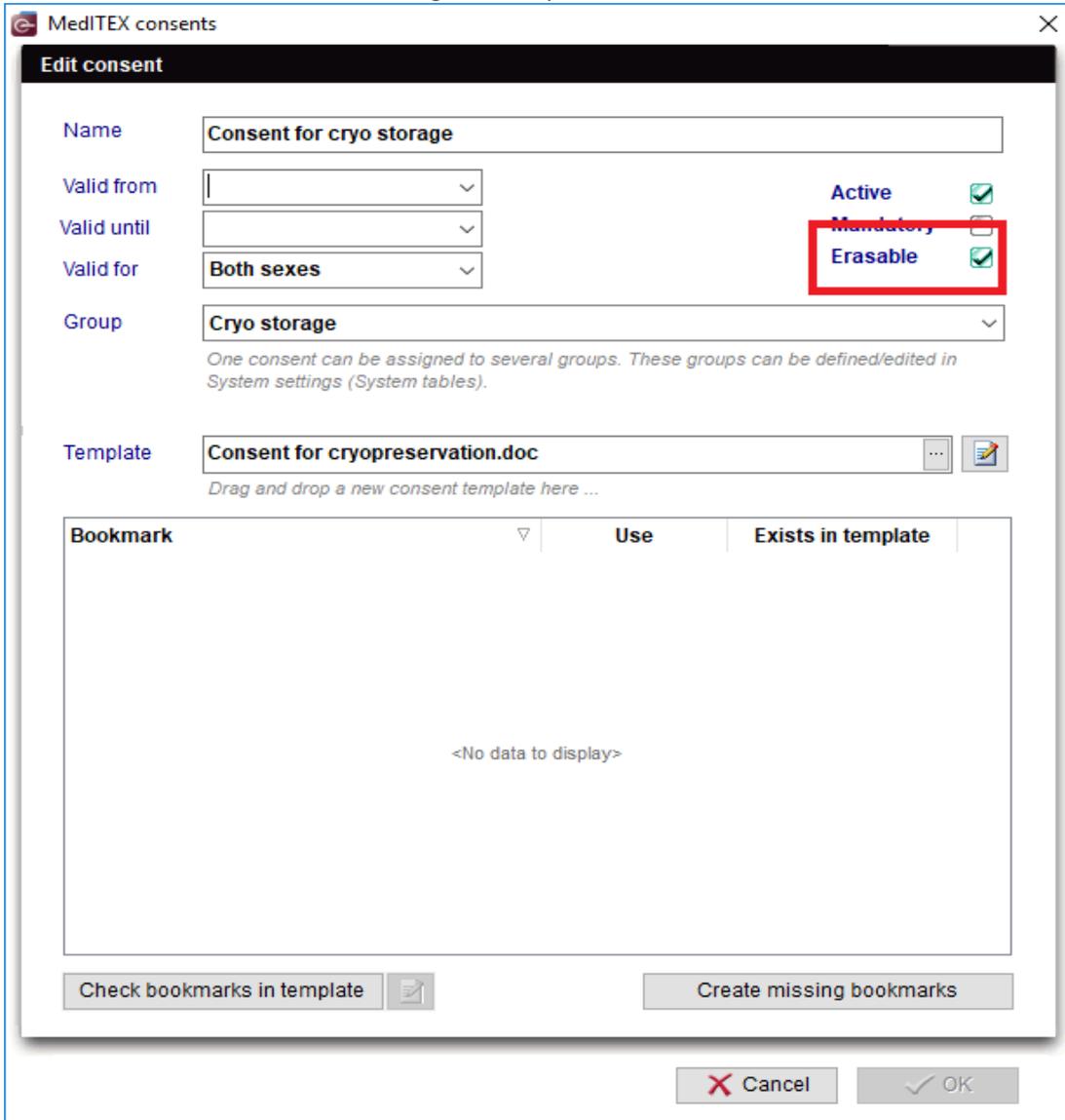
Staff for the task

- ALL
- Clinician
- Embryologist
- Operating theatre
- Lab
- Human geneticist
- Registration
- Documentation
- Nurse
- Anaesthetist
- No function
 - Assitance, Miss Mrs
 - Doe, Jane Dr
 - Professor, Doctor Dr

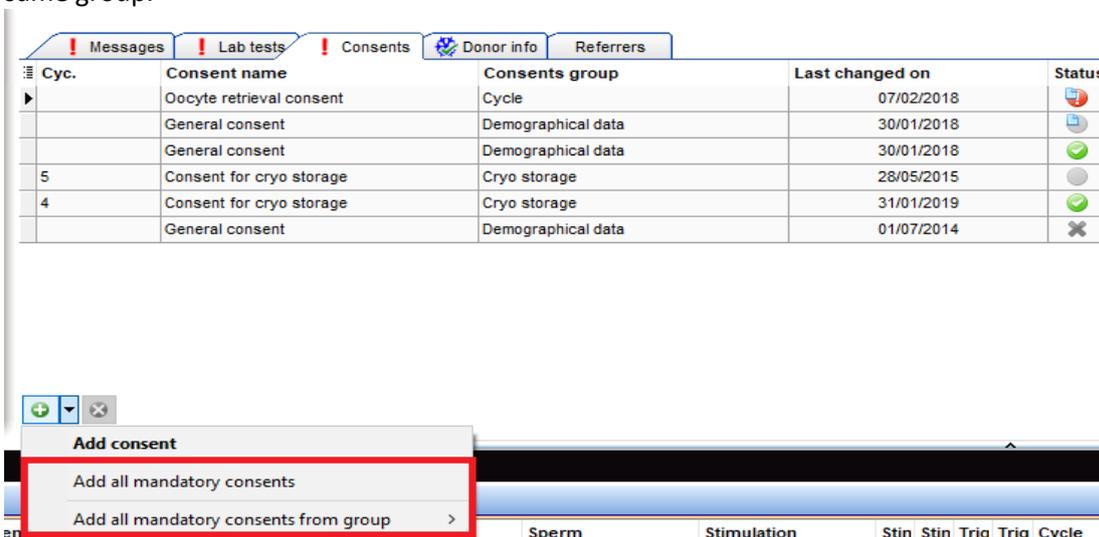
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b) Consents

A consent can now be set as “Erasable” in the “Consents administration” section allowing users to set if it can be deleted or not after creating it in the patient main overview.



It is now possible to simultaneously add all the mandatory consents or those that are assigned to the same group.



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It is possible to create or/and print the previously added consents using the below highlighted checkboxes.

Edit consent of DEMO, Jane (1) ✕

DEMO, Jane

01/01/1980 ID: 1

Drag a column header here to group by that column

Consent name	Consent group		
Oocyte retrieval consent	Cycle	✔	🔗
Cryoreservation consent	Not specified	✔	🔗
Cryoreservation consent	Cryo storage	✔	🔗

Note

Cycle

Planned cycle

Create consent documents

Print created documents

✕ Cancel
✔ OK

c) Treatments and treatment semen analyses

In the cycles overview on the main screen, it is possible to display the treatment semen analyses. This new column can be made visible with the small button at the top-left-corner of the table.

Overview														
Cycles	Planned cycles (1)													
	Egg-treatment int	Donation	Partner	Treatment semen	Cycle	ET d	Cryo	PG	Childr	Cyc.	Pro.			
12	01/02/2018 IVF	Fresh IVF	DEMO, John	SA 1: IVF - Partner / SA F	05/02/2018: 10 Ooc							🔴	🟢	🔒
1	03/04/2008 IVF,ICSI	Fresh IVF/ICSI	DEMO, John	SA 1: IVF - Partner / SA F	11/04/2008: 9 Ooc	ET 16/04/2	5	1 PN;	2 IU AC	1		🔴	🟢	🔒
3	01/06/2010 ICSI	Fresh ICSI	DEMO, John	SA 1: ICSI - Partner	FA 10/06/2010: 8 Ooc			6 PN	None			🔴	🟢	🔒
24	01/07/2018 IVF,ICSI	IC Fresh ICSI	DEMO, John	SA 1: ICSI - Partner	FA 03/07/2018: 7 Ooc							🔴	🟢	🔒
2	05/04/2010 IUI - partner	No performed tre:	DEMO, John	IUI - partner	IUI - partner 17/06/2015				None			🟢	🟢	🔒
6	30/01/2018 IVF		DEMO, John		FA 30/01/2018: 0 Ooc							🔴	🟢	🔒
5	15/07/2014 ICSI	IVF,IC Fresh IVF/ICSI	DEMO, John		FA 01/07/2014: 9 Ooc	ET 06/07/2	5	3 PN;	1 IU AC			🔴	🟢	🔒
Cycles: 33 Aspirations: 20 Pregnancies: 0 Children: 1 Overall plausibility: 🔴														

MedITEX Release Notes

The treatment semen analyses column has also been added to the "Cycle" list.

Predefined evaluation lists

Lists: **Cycle** Show QM entries Delete Edit GO!

Cycle

Drag a column header here to group by that column

Date of cycle	Treatment semen analysis	IVF/ICSI: Ooc	IVF/ICSI: Ooc	IVF/ICSI: Ooc	IVF/ICSI: 2PN	IVF/ICSI: Ooc	IVF/ICSI: EmI	Cryo cy
07/04/2010	IUI - partner	0	0	0	0	0	0	
11/04/2008	SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner	9	8	0	1	7	1	
10/06/2010	SA 1: 10/06/2010 ICSI - Partner	8	8	0	5	7	0	
09/08/2010		0	0	0	0	0	0	
01/07/2014		9	9	0	3	9	3	
09/02/2018		9	9	0	0	0	0	
14/02/2019		0	0	0	0	0	0	
09/02/2018		0	0	0	0	9	9	
09/02/2018		0	0	0	0	0	0	

d) Lists

A new field "Is sperm donor" has been added to the "Cryo administration" list.

Predefined evaluation lists

Lists: **Cryo administration** Show QM entries Delete Edit GO!

Cryo administration

Drag a column header here to group by that column

Labourfarbe	Colour 2	In storage (n)	Imported from	Special directions	Is sperm donor
Labourfarbe	Standard Planungsfarbe	56			Yes
	Red	131			Yes
Labourfarbe	Lime	1			Yes
		105			Yes
		105			Yes
		0			Yes
		0			Yes
		6			Yes

MedITEX Release Notes

e) Patient age

The patient "Date of birth" field can also be used to enter the age in order to calculate the year of birth based on that.

After typing the letter "a" (= age), the "=" sign and the patient age, the year of birth is automatically calculated.

The image shows a 'New patient' dialog box with the following fields:

- Surname:
- Name:
- Patient ID:
- Gender:
- Date of birth:
- Location:

At the bottom are 'Cancel' and 'OK' buttons. A red arrow points from the 'Date of birth' field in the dialog to a separate box containing the calculated date:

MedITEX Release Notes

Bugs

8) MedITEX IVF

a) General

The problem with the plausibility messages has been resolved.

Sorting the messages in the main window has been adjusted.

Inconsistencies in the OHSS Report have been revised.

Some adjustments in "Material" management have been made.

The e-mail address is now automatically filled when sending an e-mail from a specific section overview.

The formatting of the note fields texts has been revised and optimized.

b) Demographics

The "Sort code" field length under "Bank account" has been adjusted.

c) Medical history

An error with the attached documents directory has been fixed.

d) Consents

When closing the consent window, a new pop-up message asking if the changes should be saved has been added.

e) Cryostorage

Sorting the cryo containers in the system settings has been revised.

The cryostorage printing preview has also been adjusted.

f) Planned cycles

An issue with the calendar templates selection has been fixed.

g) Cycles

The printing options in a Diag. cycle are fully functional again.

Minor inconsistencies with cycles have been addressed.

h) Lab. diagnostics

The error message appearing when creating a new lab order has been fixed.

i) SMS

Issues related to the Esendex statuses have been fixed.

j) LDT Importer

Adjustments were made when importing special characters.

9) MedITEX KPI

Some calculations in the PG KPI (Fresh cycles) have been revised.

10) MedITEX Administration

MedITEX Release Notes

An error occurring when creating/editing a user has been fixed.

11) MedITEX DICOM

Minor adjustments have been made.

12) MedITEX Scheduler

An issue related to the treatments filtering by location has been fixed.

The error message when adding a treatment has also been fixed.

The limit of the number of resources to be defined has been removed.

13) MedITEX Accounting

Field adjustments have been made in the database.

Inconsistencies between MedITEX IVF and MedITEX Accounting, in addition to the deletion of services and materials have been resolved.

The error message occurring when opening a patient from MedITEX IVF in MedITEX Accounting has been fixed.

MedITEX Release Notes

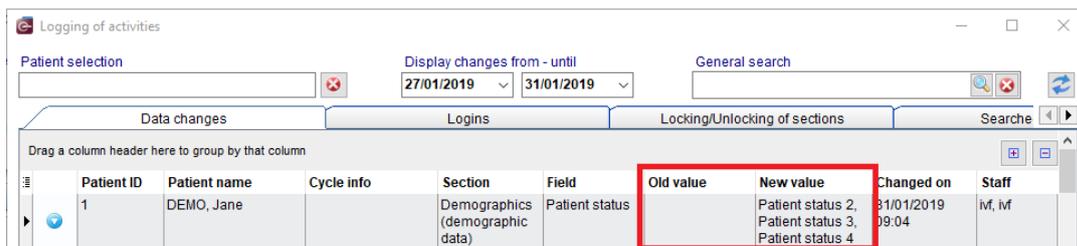
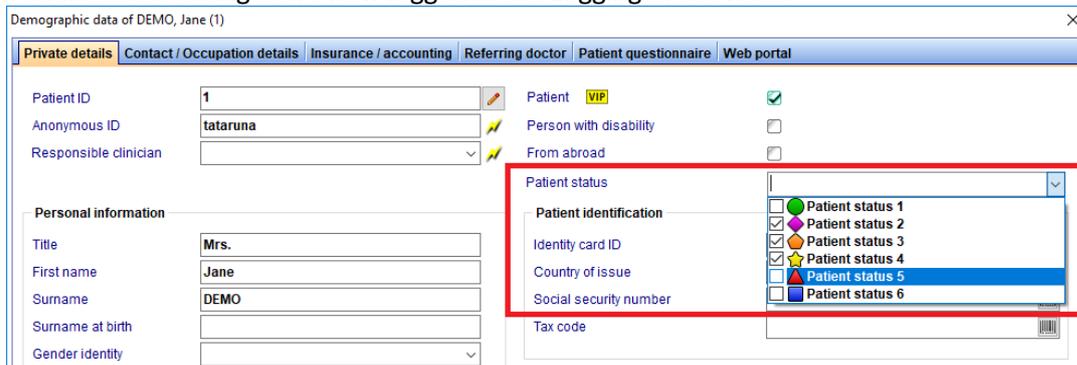
Version 2.7.7.0

Features

12) MedITEX IVF

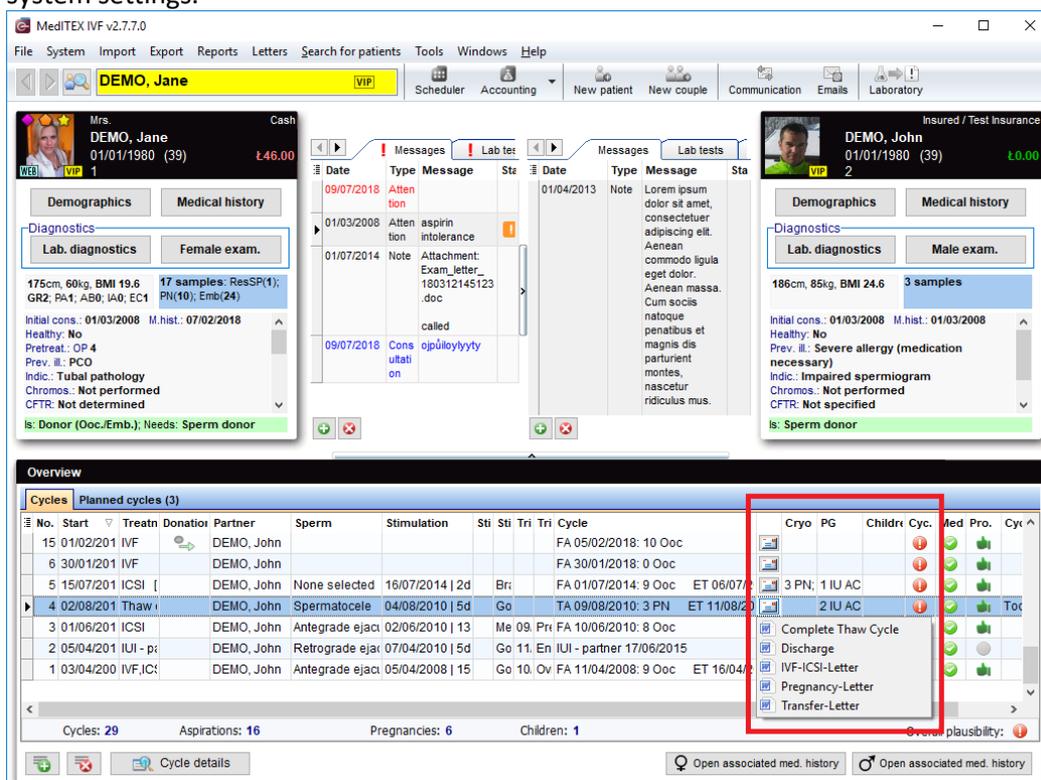
a) General

Patient status changes are now logged in the Logging of activities.



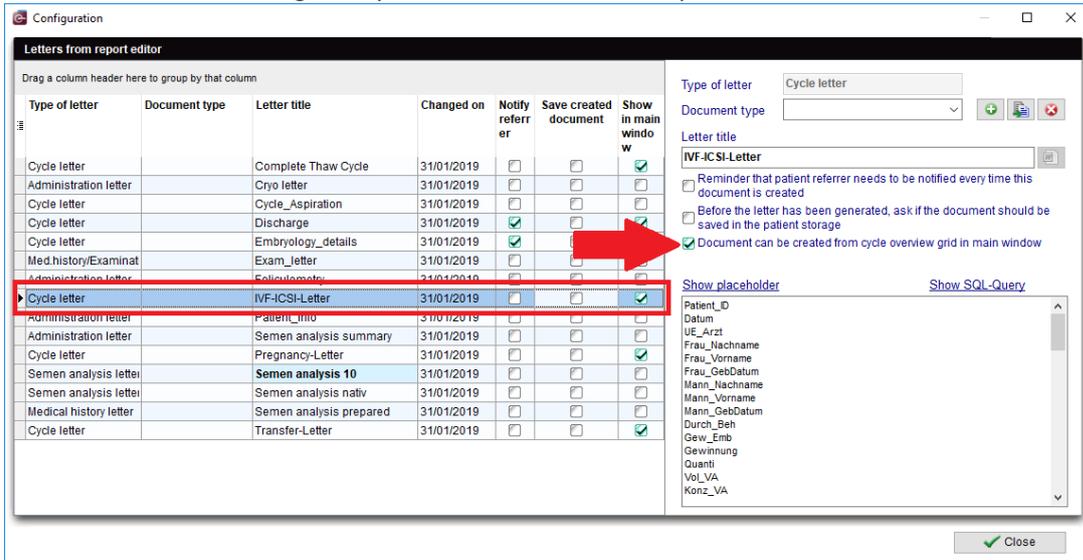
b) Main window

Cycle letters can directly be generated using the letter symbol in the cycles overview on the main window. Clicking on the letter symbol will open a selection menu with the letters configured in the system settings.

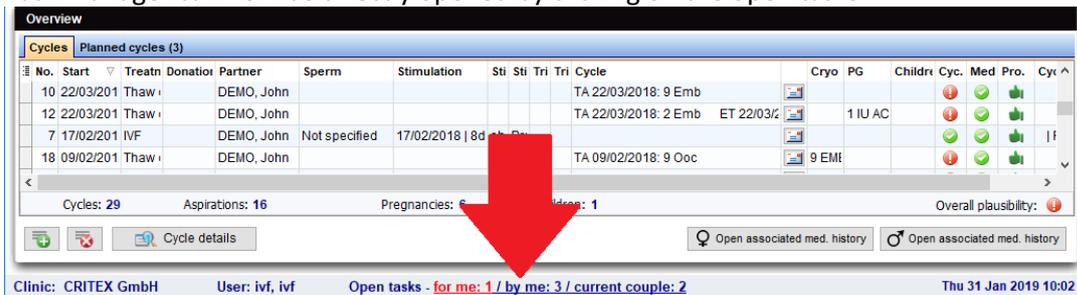


MedITEX Release Notes

The cycle letters to be displayed can be selected in the system settings: System → Configuration / administration → Settings → System → Functions → Report editor → Administrate letters

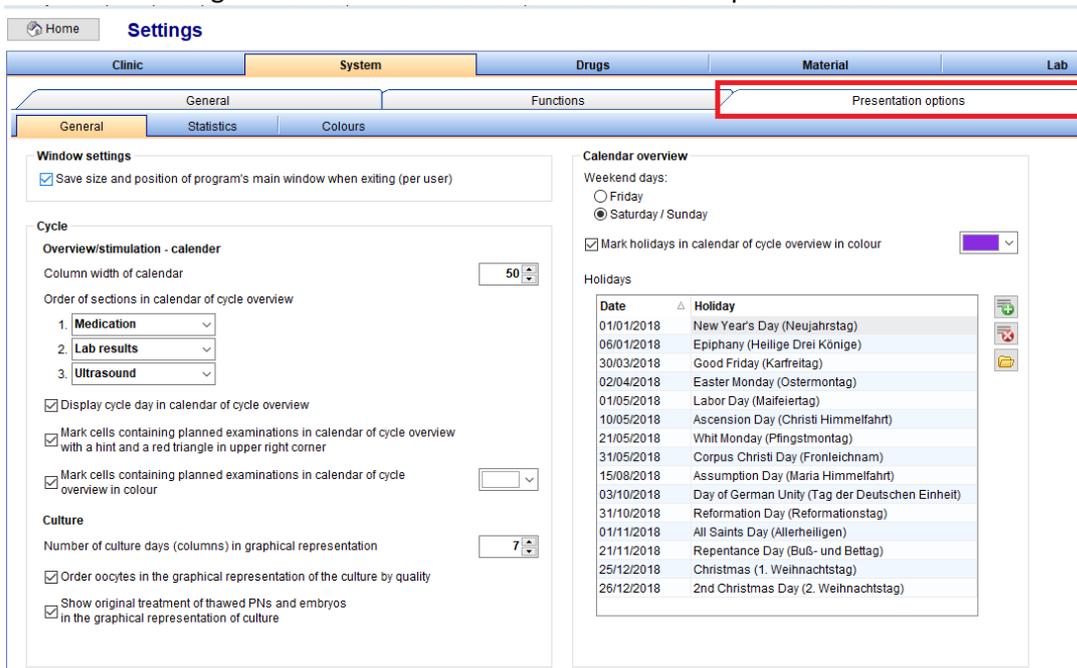


Task manager can now be directly opened by clicking on the open tasks.



c) Settings

To better organize the system settings areas and make them more structured, the cycle overview calendar settings have been moved to the "Presentation options" section.



MedITEX Release Notes

d) Consents

In the cycles overview on the main screen, it is possible to see if the consent linked to a specific cycle has been signed and returned or not. This new column can be made visible with the small button at the top-left-corner of the table.

The screenshot shows the MedITEX IVF v2.7.7.0 interface. At the top, there are patient profiles for Mrs. DEMO, Jane and Mr. DEMO, John. Below them is an 'Overview' table with the following columns: Cycles, Donation, Partner, Sperm, Cycle, Cryo, PG, Childre, Cyc., Med., Pro., Cycle r, and Cons. A red arrow points to a small button in the top-left corner of the 'Cons.' column header. Another red arrow points to the 'Cons.' column header. The table contains several rows of cycle data with corresponding icons in the 'Cons.' column.

e) Cryostorage

If a cryostorage location with an insufficient number of straws is selected for a cryopreservation, a warning message will pop up when clicking "OK" to proceed. The number of available positions in the last storage level of a container can be defined in the cryostorage settings.

The screenshot shows the 'Oocyte / embryo cryopreservation of DEMO, Jane (1)' dialog box. The '# Straws' field is highlighted with a red box and set to 4. A warning dialog box is overlaid on top, asking for confirmation to proceed with 4 straws when there are not enough free places in the chosen storage position. The 'Preserv. using cryo storage' checkbox is also highlighted with a red box. The warning dialog box has 'Yes' and 'No' buttons.

MedITEX Release Notes

Usage of cryo storage

Female cryo: freeze with cryo storage Male cryo: freeze with cryo storage

Cryo storage dimensioning

Cryo container

Description	Type	Max. number of straws in the last level
▶ Cryo Tank 1	Female	20
Cryo Tank 2	Male	30
Tank Emb	Female	10
Tank Sp	Male	10

Example of storage configuration

Cryo container Edit

Description: Cryo Tank 1 Type: Ooc. / emb. Sperm

Location: CRITEX

Available positions (max. number of straws) in last storage level (goblet): 20

Level A **Level B** **Level C**

Tray1 Tray2 Tray3

1 A 1a

2 B 1b

3 C 1c

4 D 1d

If the last straw of a cryo contract is thawed (whether directly in the cryostorage or in a cycle), the system will suggest within this pop-up window to immediately terminate the contract.

Terminate cryo contract X

Contract no.: 000006; Patient ID: 1 - Mrs. DEMO, Jane

Contract creation date: 09/07/2018

Contract: 12 months

Contract start: 09/07/2018

Termination date: 31/01/2019 ⚡

Termination reason: [Dropdown]

Cancel OK

f) Report editor

All approval status fields of the lab. results have been added to Report editor;

Approval status: Approved, Approval status: Attention, Approval status: Attention for, Approval status: Comment.

Semen analyses images have also been added to Report editor. After running the query, these can be selected with the "Additional placeholders" button.

MedITEX Release Notes

Report editor: Result - Cycle_Aspiration

Refresh result Utilize as Print Export Administrate letters Statistics Sum Average Min Max

Cycle_Aspiration

Query result Word module Rich Text Modul

Placeholder	Utilize	Bookmark	Value
Cycle.Attending clinician	Yes	Attendingclinician	Dr. John Doe
Cycle.Cycle ID	Yes	CycleID	4
Cycle.Date of creation automatically generated	Yes	omaticallygenerated	21/03/2011
Follicle aspiration.Anaesthetist	Yes	Anaesthetist	
Follicle aspiration.Date of follicle aspiration	Yes	ffollicleaspiration	11/04/2008
Follicle aspiration.Follicle aspiration technique	Yes	aspirationstechnique	Transvaginal
Follicle aspiration.No. of aspirated follicles	Yes	faspirateffollicles	9
Follicle aspiration.No. of collected oocytes	Yes	oofcollectedoocytes	9
Follicle aspiration.Operating clinician	Yes	Operatingclinician	Dr. Jane Doe
Persons.Age	Yes	Age	39
Persons.Date of birth	Yes	Dateofbirth	01/01/1980
Persons.Partner. name	Yes	Partnername	DEMO, John
Persons.Partner. patient ID	Yes	PartnerpatientID	2
Persons.Surname. first name	Yes	Surnamefirstname	DEMO, Jane
[Embryo images]	Yes	EZ_0	

Customize template

In order to activate this functionality the use of the template must be determined using "Utilize as" button, so that the template can be invoked in the respective program section. In the system settings you can additionally group templates of similar content with the document type.

Create/customize template

Edit template

Generate letter/template

- Ultrasound images >
- Embryo images >
- Semen analysis images >
 - Native
 - After preparation
- Signatures >
- Barcode >
- Date format >
- Time format >
- Current user >
- Witnessing >

Additional placeholders

Press F5 to toggle between query editor and result window

Images from "Native" and/or "After preparation" files section can be selected while creating the document and inserted afterwards.

Semen analysis of DEMO, John (2)

Collection date: 04/07/2018 Time: 00:00 Abstinence period [d]:

Thawing date: Time: Analysed by:

Sample ID: Appearance:

Purpose: None Smell:

For donation: Viscosity:

Collection method: TESE Liquefaction time [min]:

Collection place: Treatment:

Collection difficulties: Score:

Start of analysis: 00:00

DNA Fragmented [%]:

Diagnosis: Not specified

Approval status: Finding: Normal Abnormal

Note:

Time between collection and usage: 00:00

Number of insem. motile sperms [x10⁶]:

Inseminated amount [ml]:

24h Motility rate [%]:

Native

Use quality assessment

Parameter Files

Native

After preparation

Documents

spermiogramm_1_16.jpg spermiogramm_2_17.jpg

Add file Export image

Generate letter Change patient

Cancel OK

MedITEX Release Notes

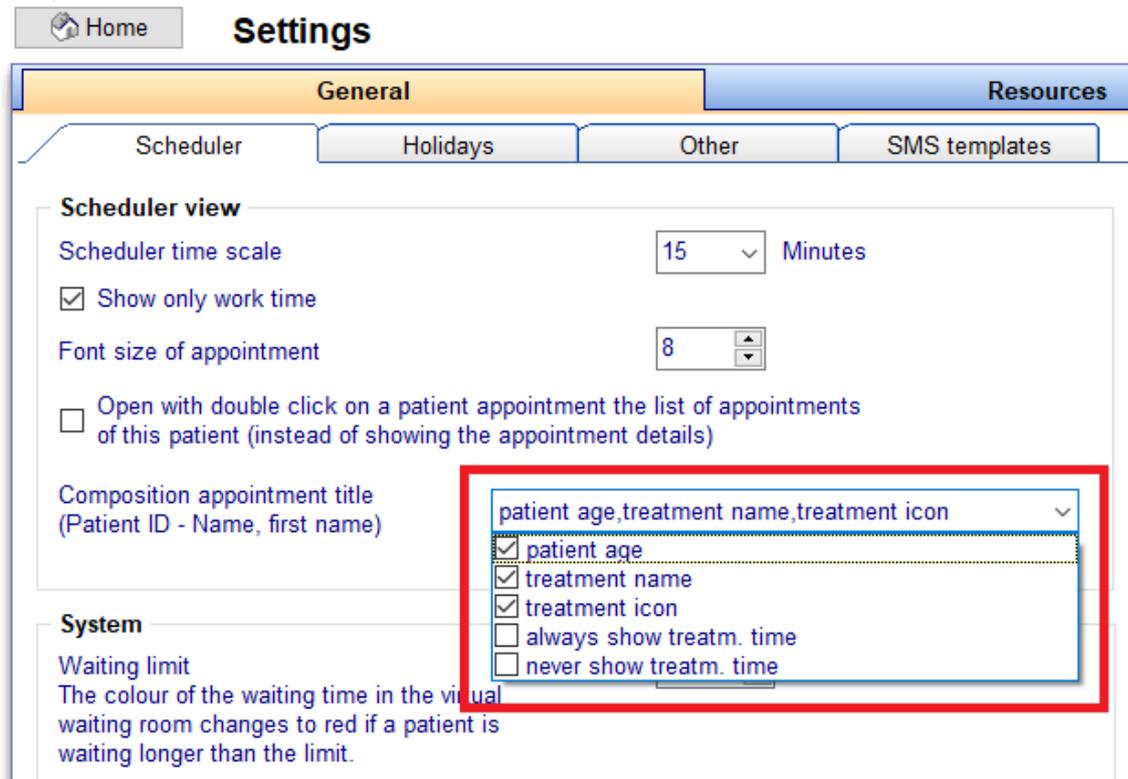
g) Planned cycles

"Donation", "Recipient", "ET to surrogate mother" and "Surrogacy" checkboxes have been added to the planned cycle overview.

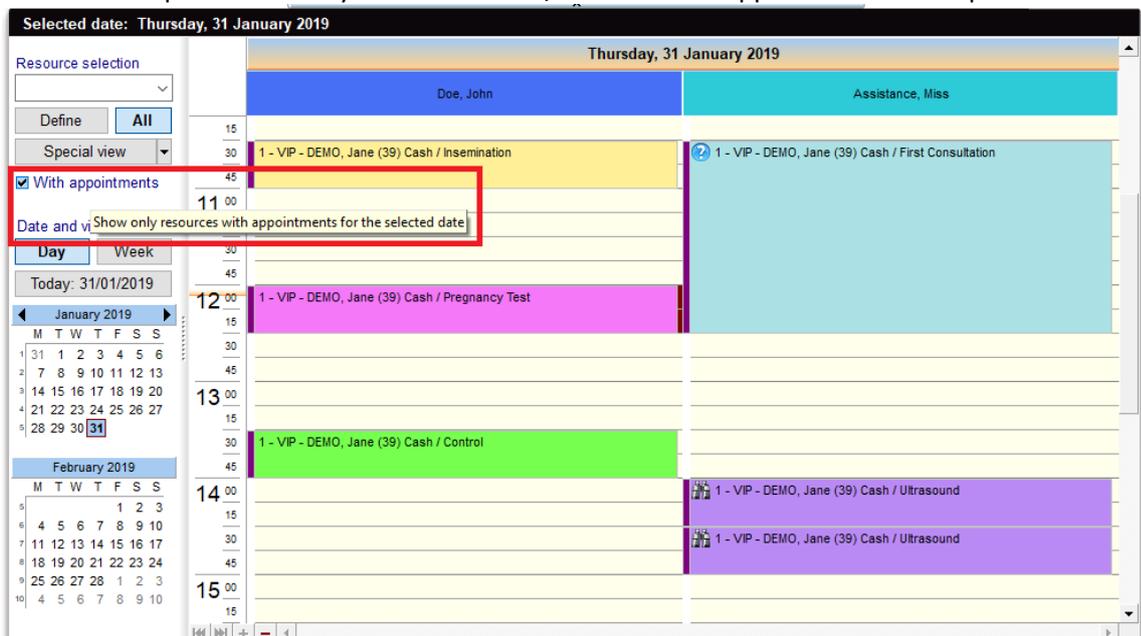
The "Main indication" field is now available in the planned cycle overview also.

13) MedITEX Scheduler

In MedITEX Scheduler settings, the composition of appointment titles in the calendar can be defined as desired. The patient ID and name are mandatory for the appointments and will be set as default. Due to the database storage, changes to the appointments' titles are only effective for future appointments. The title composition of the old ones will not be influenced.



It is now also possible to only show resources/columns with appointments on a specific date.



MedITEX Release Notes

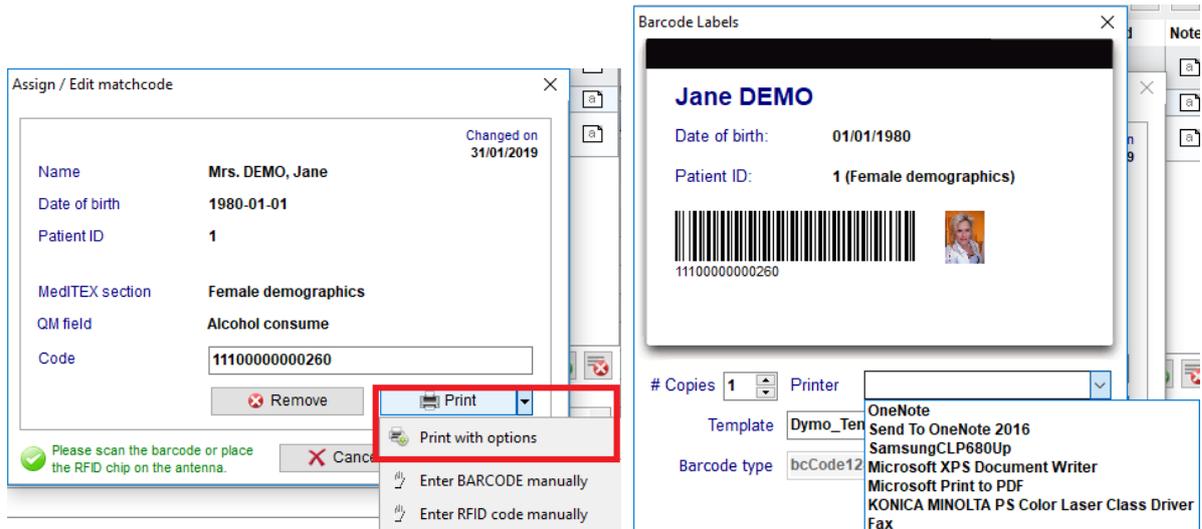
Bugs

14) MedITEX IVF

a) General

All bookmarks within a medication prescription are filled with the proper associated data.

It is possible to select a different printer for label/ barcode printing even without administration rights. The selection menu has been unlocked.



b) Cycles

If a cycle is generated from a planned one in which no treatment has been selected, all required tabs will be correctly set after the subsequent treatment selection.

15) MedITEX Accounting

A documentation error with the 100% discount transactions has been fixed. All the invoices are now properly generated and displayed.

MedITEX Release Notes

Version 2.7.6.0

Features

1) MedITEX IVF

a) General

In the cycles' summary on the main window, information about the embryos' heartbeats in addition to the number of intrauterine cavities can be displayed.

Cryo	PG	Children
	Pos. test	
	2 IU AC (2 HB) [1]	1
	2 IU AC (1 HB) [1]	1

FastReport Medication prescription: The patient email address bookmark has been added.

In the "Pregnancy/Children" list, some details about the pregnancy and the ongoing process were added.

b) Cycles

The creation of the treatment sheet is now possible in the Luteal phase section also.

c) Laboratory

A column with the approval status has been added to the multiple entries window.

The "attention for" status can now be set with a right click on the lab result.

Date	Type	Group	Sample ID	Parameter
15.10.2018	Hormones	General	1232	Progesterone
15.10.2018	Hormones	General	1232	LH
15.10.2018	Hormones			HCG
15.10.2018	Hormones			FSH
15.10.2018	Hormones			E2
16.03.2017	Serology			Hepatitis B
16.11.2016	Serology	General	041209	anti-HBc

The changes made in the lab values from the therapy overview have been included in the change log protocol.

d) Medical history

The field "Sperm concentration" in the male medical history can be filled.

In the medical history questionnaires' SQL, the fields "Place of birth" and "Surname at birth" were added. Two bookmarks related to those fields can be added to the specific letter templates that the clinic is using.

e) Cryo storage

In the woman's cryostorage, additional columns with information about the cryopreserved embryos: age, stage, score, PID diagnosis 1 & 2, PB diagnosis 1 & 2 and note have been added. The cryostorage overview can be extended with the new columns using the small top-left-corner button.

f) Report editor

The field "Pregnancy weeks and days" has been added to the cycle table.

MedITEX Release Notes

g) Settings

Treatment types can be individually set to active / inactive in the system tables.
Editing them is not possible.

2) MedITEX Login Control

In the "Logged in clients" tab in LoginControl, running processes can be terminated with the "Kill local process" button after entering the username and password of a user with administration rights.
This is useful in case of users forgetting to log out or stuck processes.

3) MedITEX Accounting

The "Accounting note" from cycle details is filled in the Note field of the billing item in MedITEX Accounting for the automatically generated billing items from the related cycle.

The action of setting a billing item to "not billable" has been added to the data change log.

Bugs

1) MedITEX IVF

a) General

The constantly occurring error message "... xxx.DXPrintingSystem_Settings.ini ..." has been fixed and will appear once at most when the program is closed.

It is not allowed anymore to set identical abbreviations for the IVF centers.

A display problem of the male patient name in the main window was fixed.

Messages can be easily viewed, edited and deleted from the alert window.

The occurring plausibility error message regarding agonist GnRH has been fixed.

An issue with wrongly imported job titles during the synchronization of staff data and rights from Active Directory in MedITEX Administration has been checked.

The option of export exclusion of patient data from the English registry (HFEA) is again functional.

b) Cycle

The detailed information is completely displayed again in the individual tabs of the cycle.

For a semen sample that is used in a cycle, the letters can be easily generated again (the same error has been fixed in the lab overview).

c) Medical history

The error when generating a letter of the male medical history has been fixed.

The abortions calculation in previous pregnancies has been revised.

The drop-down menu to select predefined values of the QM entry "Value" in the flexible medical history is fully functional again.

MedITEX Release Notes

An error in the processing of an old medical history has been fixed.

d) Examinations

A paperclip for the examinations entries attachments is now displayed in the examinations overview.

e) Laboratory

The problem of laboratory parameters with an apostrophe in the abbreviation has been fixed.

f) Report editor

Self-defined QM fields must get different names despite different types (material, person, free text).
Due to the correct assignment in queries, it is no longer possible to identically name QM fields.

g) Cryo contract management

All generated cryo contracts can be found in the patient's file storage.

h) Consents

The multiple consent generation functionality has been revised and minor inconsistencies have been resolved.

i) SMS

Problems with filling different bookmarks have been fixed.

2) MedITEX Scheduler

The "Special View" selection is now being saved even after opening the system settings and returning to the appointments calendar.

3) MedITEX DICOM

The left and right leading follicles are correctly imported again.

4) MedITEX Accounting

An error during the login process in MedITEX Accounting has been fixed.

MedITEX Release Notes

Version 2.7.5.0

Features

1) MedITEX IVF

a) Demographics / Private details

The tab "Insurance / accounting" has been extended with the fields "BIC" and "IBAN".

The field "Information source of the patient" has been moved from the tab "Private details" to the new tab sheet "Patient questionnaire". Additional fields for the documentation of the source of information or the first contact of the patient can also be found. It is now possible to select several sources of information at the same time.

Demographic data of Jane, DEMO (123456)

Private details | Contact / Occupation details | Insurance / accounting | Referring doctor | **Patient questionnaire** | Web portal

Recommendations

	Gynecologist	Urologist	Additional information
▶ Clinic was recommended by	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clinic XYZ
Other fertility clinics were recommended by	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other recommended fertility clinics	<input type="checkbox"/>	<input type="checkbox"/>	
Clinic was not recommended by	<input type="checkbox"/>	<input type="checkbox"/>	
No other fertility clinics were recommended by	<input type="checkbox"/>	<input type="checkbox"/>	

Information sources of the patient

Information sources	Additional Information
<input type="checkbox"/> Unknown	
<input type="checkbox"/> FlowerKid	
<input type="checkbox"/> Doctor/clinic	
<input type="checkbox"/> Friend	
<input checked="" type="checkbox"/> Internet	
<input type="checkbox"/> Newspaper	
<input type="checkbox"/> Magazine	
<input type="checkbox"/> TV	
<input type="checkbox"/> Lecture	
<input type="checkbox"/> Other	

Information sources can be customized in System settings (System tables).

Patient ID: 123456
Date of initial consultation: 01.03.2008
Patient referrers: Dr. Susan House, Dr. Any Where

Characteristics and donor information

Cancel OK

b) Lab. Diagnostics

In the laboratory diagnostics, the "Time" column was added. It can be made visible with the small button at the top-right-corner of the table. This setting is user-dependent.

Pathology results | Lab orders

drag a column header here to group by that column

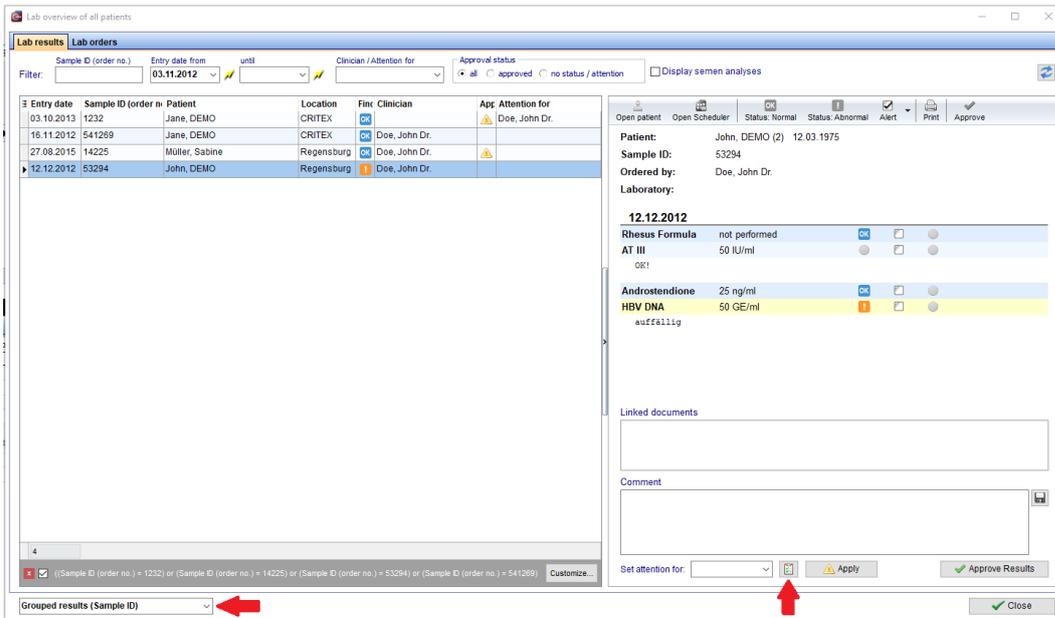
Date	Time	Type	Group	Sample ID	Parameter
▶ 16.03.2017	00:00	Serology	General		Hepatitis B
16.11.2016	13:46	Serology	General	541269	anti-HBc
27.08.2015	00:00	Cytology	General		TEST
18.05.2015	00:00	Hormones	General		E2
18.05.2015	00:00	Hormones	General		FSH

MedITEX Release Notes

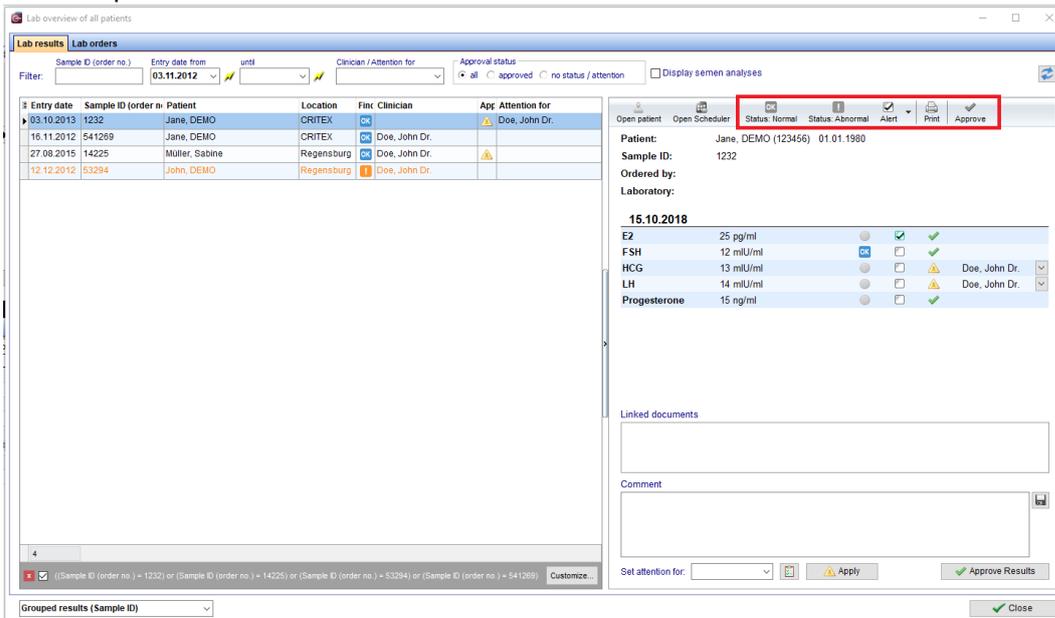
c) Laboratory overview (all patients)

The laboratory overview of all patients has been extended with two additional views. It is now possible to check the laboratory results, not only with one parameter per line, but also grouped by sample ID or with recurring sample IDs by sample ID + date.

In addition, many other information can be collected and documented or tasks for staff members can be directly generated with a link in Task Manager.



In order to check and release the laboratory values in an easier and faster way, all necessary status buttons are also displayed in the header of a laboratory order and can be set from there for all the included parameters.



d) Consents

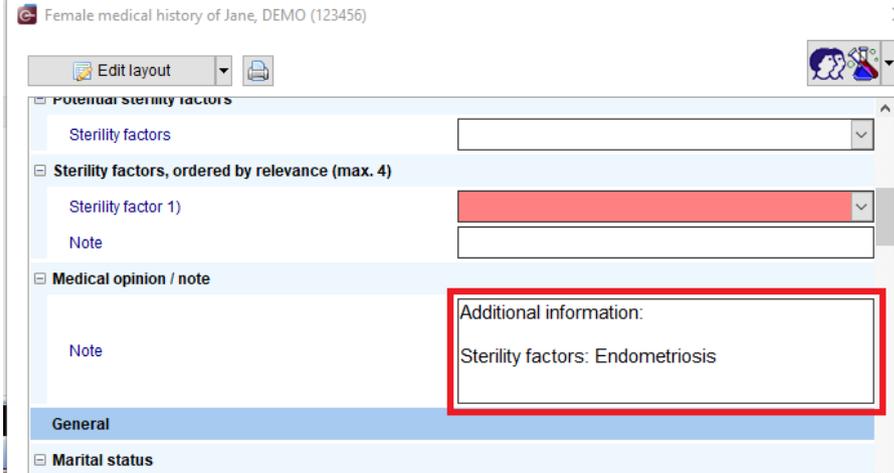
The bookmark "next of kin" has been added to the consent bookmarks.

It is now possible to generate all the documents of a group of consents at once.

MedITEX Release Notes

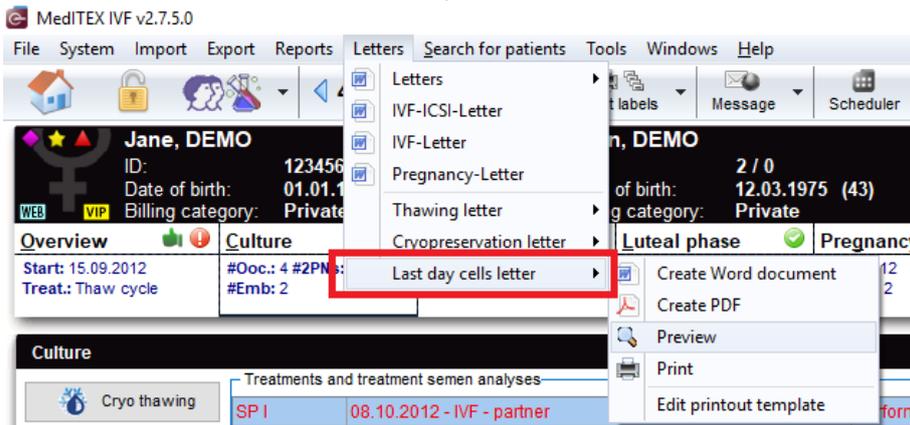
e) Medical history

Note fields of the flexible medical history are displayed in the exact height, which corresponds to the amount of the entered text, for a better readability.



f) Cycle

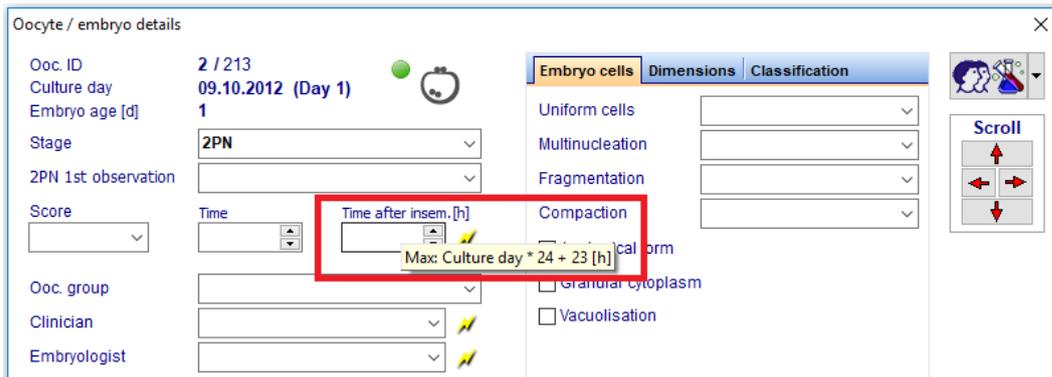
A new standard query has been added in the therapy culture. It contains the most important information about the cells on the last culture day.



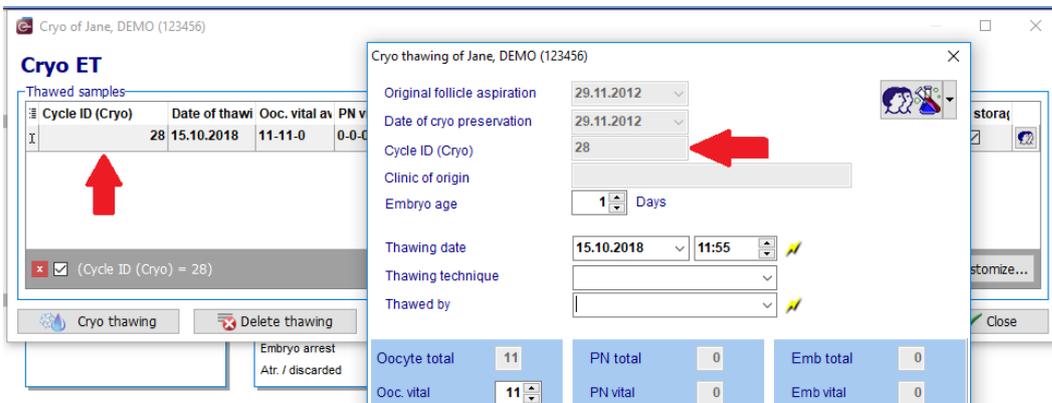
PATIENT		PARTNER				
Name: Jane, DEMO ID: 123456		Name: John, DEMO ID: 2				
Cell ID	Treatment	Culture date	Stage	Age	Score	Status
212	IVF	12.10.2012	Unknown	4		Transfer
213	IVF	12.10.2012	Unknown	4		Transfer
214	IVF	09.10.2012	Degenerated	1		In arrest
215	IVF	09.10.2012	Degenerated	1		In arrest

In the window "Oocyte / embryo details" a new field "Time after insemination [h]" has been added.

MedITEX Release Notes

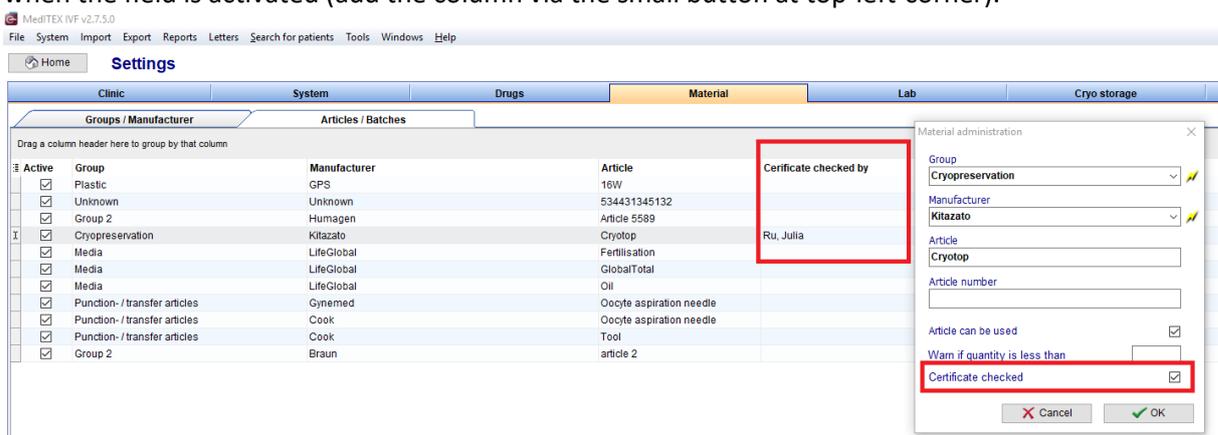


In the various windows related to cryopreservation or cryo-thawing (e.g., cryo storage, cryo-thawing in culture, ...) as well as in report editor, information about the "origin cycle ID" per cell / straw has been added.



g) Settings

In material management, a "certificate verification" field has been added for materials. The name of the logged in user performing the certificate check is displayed in the summary table of the materials when the field is activated (add the column via the small button at top-left-corner).



2) MedITEX Administration

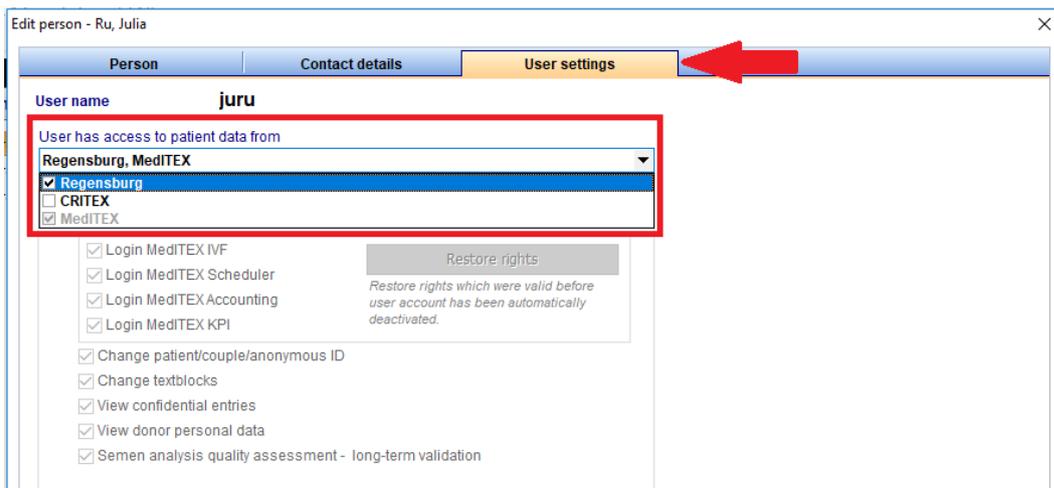
a) Multiple select of clinic locations for each user

Previously, it was only possible to define the user right to access one or all clinic locations and their patients.

This setting has been extended so it is now possible to specifically assign one or more clinic locations to every MedITEX user in order to be able to read the linked patient data based on that.

Nevertheless, each user keeps his own main location.

MedITEX Release Notes



Bugs

1) MedITEX IVF

a) Planned cycle

The field "**Main indication**" shows again all available choices.

b) Lab overview

Display errors related to missing entries or filters have been fixed. All options are now available again.

From the laboratory overview, the currently selected patient can be opened in MedITEX Scheduler with the "Open Scheduler" button.

Adjustments have been made to the size of the laboratory overview window.

The templates for laboratory orders, including fields offered in them, have been revised.

c) Barcodes

In the barcode generation / assignment area, the editing options were restricted. It is now possible to change the scanned and assigned barcodes in the overview area only.

In addition, work has generally been done to improve this functionality.

d) Medical history

If a user wants to close the medical history window via the "x", a dialog box appears with the question whether data should be discarded. This prevents accidental closing of the window and the subsequent loss of data.

e) Consents

Errors in the consents' generation have been resolved.

f) Demographics / Private details

If two patients already existing in the database should be linked, the columns are now correctly filtered by male and female in the partnership window.

2) MedITEX Webportal

MedITEX Release Notes

- a) The year in the appointment calendar is properly displayed.
- b) Many web portal functionalities have been revised.

3) MedITEX Scheduler

- a) An error in the patient creation with a subsequent abort of it has been resolved.
- b) Appointments can be moved again by drag & drop.
- c) The right-click menu is correctly displayed again.
- d) An issue when opening appointments has been fixed.

MedITEX Release Notes

Version 2.7.3.0

Features

1) MedITEX IVF

a. General

All Login attempts (successful/unsuccessful) will be logged by MedITEX and can be check from Reports->Logging of activities->Logins.

A barcode that is assigned to a patient can also be used for patient-search. This functionality must be enabled once in the system settings.

If the function is active and the cursor is placed in the search field, the patient search will be executed with the scanned barcode.

For each medication, a hyperlink can be added in the drugs editor. This can be used to get more information about the specific medication.

The image shows two overlapping windows from the MedITEX software. The top window is titled 'Drugs editor' and contains several input fields. The 'Product' field is filled with 'Medikament xy' and has an 'Active' checkbox checked. The 'Hyperlink' field is highlighted with a red rectangular box and contains the URL 'http://wiki.meditex-software.com/index.php?title=Main_Page'. Below this are fields for 'Drug code', 'Group' (set to 'Additional medication'), and 'Colour'. An 'Application area' section contains several unchecked checkboxes: 'Cycle prog.', 'Down-Reg. (long)', 'Down-Reg. (ultralong)', 'Down-Reg. (ultrashort)', 'Other', and 'Stimulation'. The bottom window is titled 'New medication'. The 'Drug' dropdown is set to 'Medikament xy'. A 'Medication templates' button is highlighted with a red dashed border, and a red arrow points from it to the 'Application domain' field, which contains the same URL as the 'Hyperlink' field in the top window. At the bottom of this window are fields for 'Start' (11.06.2018), 'Time', 'x days', 'Daily dosage' (with '[Aerosol]' next to it), and 'Dosage frequency'.

b. Main window

A new column for the *cycle termination/cancelation before treatment* reason has been added to the cycle overview section in the main window.

c. Cycles

The menu to switch between different cycles has been expanded.

It is now possible to directly jump to a specific cycle and not only browse between the cycles in order.

MedITEX Release Notes

File System Import Export Reports Letters Search for patients Tools Windows Help

8 / 8 Cycle details Print Print labels Message

DEMO, Jane
 ID: 1
 Date of birth: 01.01
 Billing category: Cash

Overview **Aspiration**

Start: 01.05.2017
 Treat.: IVF

17.05.2017 00:
 #Ooc: 6

Cycle no. 1 - Treatment: IVF,ICSI
 Cycle no. 2 - Treatment: IUI - partner
 Cycle no. 3 - Treatment: ICSI
 Cycle no. 4 - Treatment: Thaw cycle
 Cycle no. 5 - Treatment: Diag. cycle
 Cycle no. 6 - Treatment: IVF,ICSI
 Cycle no. 7 - Treatment: ICSI
 Cycle no. 8 - Treatment: IVF

DEMO, John
 ID: 2
 Date of birth: 01.01.1980 (38)

Date of LMP: 01.05.2017
 Stimulation: 04.05.2017-14.05.2017 [(Bemfola 75 IU, Puregon Pen)
 Triggering: 15.05.2017 [uhCG] (Brevi

In the Presentation options (System → Configuration / administration → Settings → System → Presentation options → General), the layout of the cycle overview calendar can be customized and the order in which the sections should be displayed can be modified.

MedITEX IVF v2.7.3.0

File System Import Export Reports Letters Search for patients Tools Windows Help

1 / 21 Cycle details Print Print labels Message Scheduler Accounting Demographics Medical history Examination

DEMO, Jane ID: 1234567890DEMO...
 Date of birth: 01.01.1980 (38)
 Billing category: Cash

DEMO, John ID: 2
 Date of birth: 01.01.1980 (38)
 Billing category: Insured

Cycle ID: 4
 Survey ID:
 Couple code: 2
 Cycle billing: Cash
 Att. clinician: Doe, John Dr.

Overview **Aspiration** **Culture** **Transfer** **Luteal phase** **Pregnancy** **Birth**

Start: 03.04.2008
 Treat.: IVF,ICSI

11.04.2008 08:00
 #Ooc: 9

#Doc.: 8 #2PNs: 6
 #Emb: 2

16.04.2008 00:00
 #Emb: 2

Medic.: Progesterone
 OHSS: None

02.05.2008
 #U AC: 2

31.12.2008
 #Children: 1

Cycle overview

April 08

Oocyte triggering Yes

Events LP TG FA ET

Examination Follicle US: NUMERIC

	Th 03.	Fr 04.	Sa 05.	Su 06.	Mo 07.	Tu 08.	We 09.	Th 10.	Fr 11.	Sa 12.	Su 13.	Mo 14.	Tu 15.	We 16.	Th 17.	Fr 18.	Sa 19.	Su 20.
Endom. [mm]			5		3		6		6									
Total			11		34		35		9									
Left lead. foll.			20		22		22		21									
Right lead. foll.			19		21		21		18									
R-L above 22			0-0		0-0		0-0		0-0									
22			0-0		0-3		0-3		0-0									
21			0-0		3-0		3-0		0-2									
20			0-1		3-0		0-3		0-0									
19			2-0		2-2		2-2		0-0									
18			0-0		1-0		2-0		4-0									
17			0-2		3-3		5-0		0-0									
16			0-0		0-1		3-1		0-0									
15			4-0		1-0		1-0		0-3									
14			0-0		3-2		2-2		0-0									
13			0-2		0-0		2-2		0-0									
12			0-0		2-0		0-0		0-0									
11			0-0		0-0		0-2		0-0									
10			0-0		2-0		0-0		0-0									
Below 10			0-0		0-3		0-0		0-0									
[+] Other																		
[+] Hormones																		
E2 [pg/ml]					150		220											
FSH [mIU/ml]					8,5		10										10,9	
HCG [mIU/ml]																	5	
LH [mIU/ml]					6,8		25											
Progesterone [ng/ml]					0,15		0,2										1,5	
[+] Medication																		
Fostimon [IU]					120		120											
Gonal-F Pen [IU]					150		150		150		150		150		123			
Menogon [IU]									150		150		150		200		200	200
Ovitrelle [µg]									5000									
Progesteron [mg]															0,50	0,50	0,50	0,50
Oestrofen [mg]			25	25	15													

MedITEX Release Notes

Holidays can now be displayed with colors in the cycle overview calendar. The holidays can be downloaded from the Internet and imported to the system. If this option is enabled in the general presentation options, the holidays in the cycle calendar will be marked with the selected color.

Calendar overview

Weekend days:
 Friday
 Saturday / Sunday

Holidays

Date	Holiday
01.01.2018	New Year's Day (Neujahrstag)
06.01.2018	Epiphany (Heilige Drei Könige)
30.03.2018	Good Friday (Karfreitag)
02.04.2018	Easter Monday (Ostermontag)
01.05.2018	Labor Day (Maifeiertag)
10.05.2018	Ascension Day (Christi Himmelfahrt)
21.05.2018	Whit Monday (Pfingstmontag)
31.05.2018	Corpus Christi Day (Fronleichnam)
15.08.2018	Assumption Day (Maria Himmelfahrt)
03.10.2018	Day of German Unity (Tag der Deutschen Einheit)
31.10.2018	Reformation Day (Reformationstag)
01.11.2018	All Saints Day (Allerheiligen)
21.11.2018	Repentance Day (Buß- und Betttag)
25.12.2018	Christmas (1. Weihnachtstag)
26.12.2018	2nd Christmas Day (2. Weihnachtstag)

In the Pregnancy section, it is possible to enter a pregnancy termination date related to the EU>0 condition.

Pregnancy

Cycle outcome: Unknown Clinical PG No pregnancy

Positive PG test: Last bHCG:

Progress | **Ultrasound**

Clinical pregnancy determined on: Amniotic cavities: No. intrauterine: No. extrauterine:

Calculated birth date (CBD): 08.03.2019 If EU > 0: Was the pregnancy therefore terminated? Yes No Date:

No. of pregnancy weeks and days until today: [0+6]

d. OHSS Report

Several fields have been added for a better documentation of the OHSS.

OHSS status	<input type="text" value="WHO"/>	<input type="text" value="Degree III"/>	<input type="text" value="Degree I"/>
OHSS measure	<input type="text" value="Hospitalisation"/>		
Adverse side effects	<input type="text" value="Yes"/>	<input type="text"/>	
Days in hospital	<input type="text" value="0"/>	Surgery <input type="text"/>	
<input type="checkbox"/> Nosocomial infection	<input type="text"/>		
Date of reaction	<input type="text" value="12.06.2018"/>		

MedITEX Release Notes

e. Labels

In ReportBuilder, the application used to edit labels, same sex partner and partner's tax code fields have been added.

f. Semen analysis

The WHO fields values in the semen analysis are now displayed without decimals.

g. Report editor

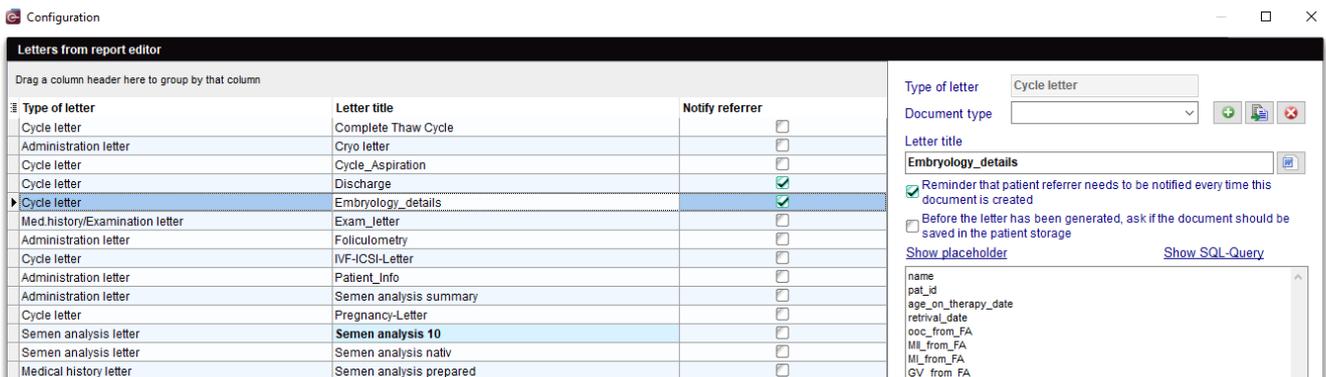
The fields "Identity card ID", " Date of last menstruation from last medical history of a couple" and "Cycle ID" have been added to Report editor.

Several fields have been added to the "Cycles" list.

In Letters administration, a new reminder to notify the patient's referrer doctor every time a document is created can be set for each letter.

For this purpose, 3 settings are required:

- General: Ticking the reminder checkbox in the letters administration;
- Patient: Assigning a referrer to the patient;
- Patient: Ticking the notification checkbox for the assigned referrer.



h. Cryostorage

If a semen sample is thawed for "Treatment" as reason for thawing, the checkbox "Create new semen analysis after thawing" can now be unticked as well.

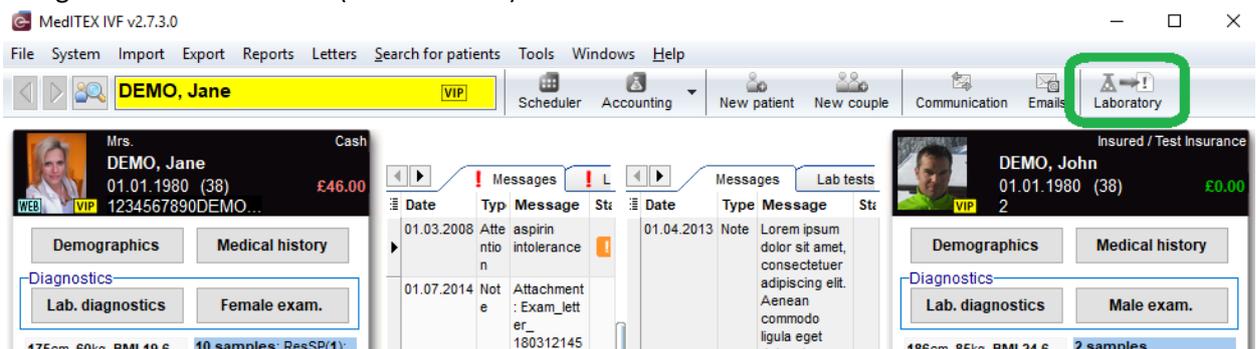
i. Task manager

In addition to the task creation date, the creation time has been added.

j. Lab. diagnostics

A lab order can now be saved without an order number. In other terms, a doctor can create and save a lab order and the lab assistant creates afterwards for example a blood sample barcode or an order number and sends the lab order to the specific laboratory.

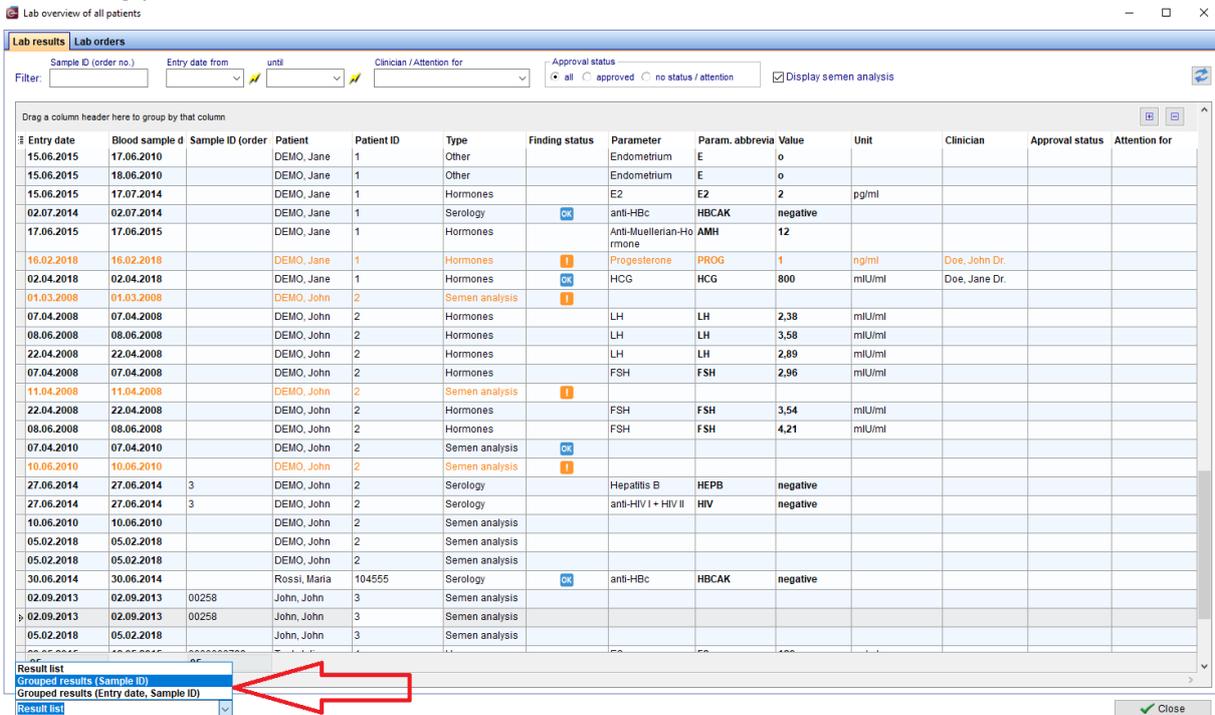
Changes in the lab overview (main window):



MedITEX Release Notes

Multiple changes have been made in the laboratory overview. It is now possible to change the display of the lab results to several forms. A menu with the following display options can be found in the bottom left of the lab overview window:

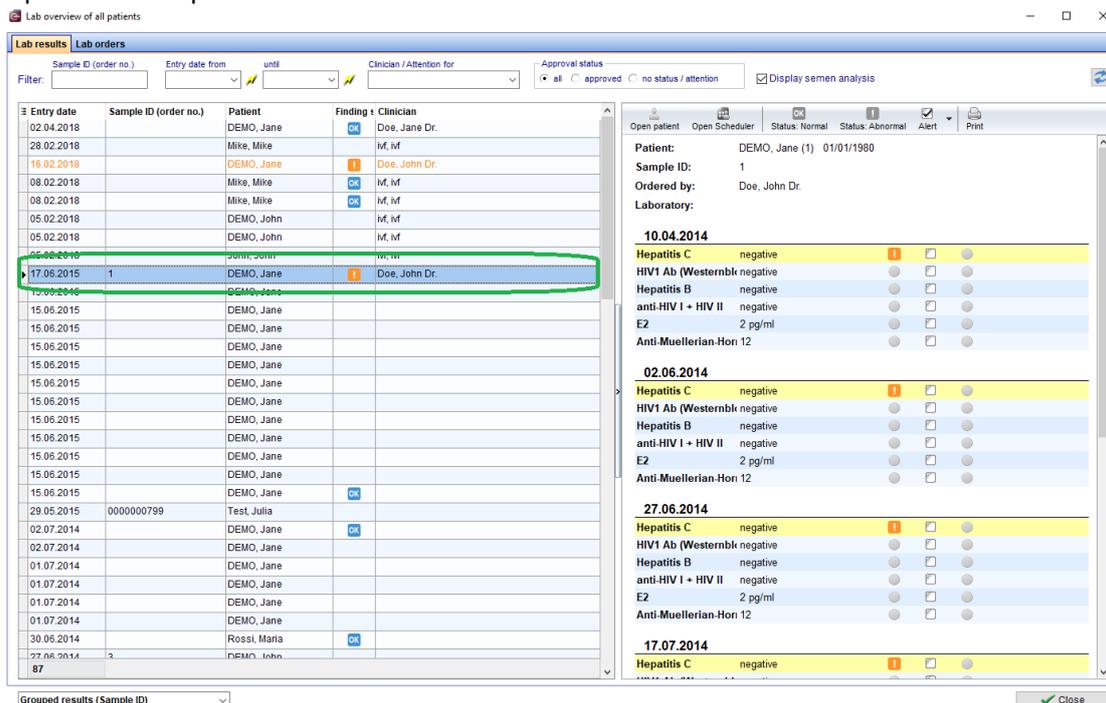
- Result list;
- Grouped results (Sample ID);
- Grouped results (Entry date, Sample ID) - (if some IDs are re-assigned after a period of time, an additional filtering will be applied based on these dates in order to prevent the values from being wrongly combined).



On this screenshot, the option "Grouped results (Sample ID)" has been selected.

In the left panel, the grouped results from which a lab order has been selected can be seen.

Each lab parameter is displayed in the right panel and it is possible to set the finding status, the alert and the approval status with just one click for all parameters. Once the values are for example set to "Abnormal", the entire sample in the left panel will be also marked as "Abnormal".



MedITEX Release Notes

2) MedITEX Scheduler

In MedITEX scheduler, an icon can be assigned to each treatment. It is also possible to edit the appointment title in the settings.

	Doe, John	Doe, Jane	Assistance, Miss
09:00			
10:00	1 - VIP - DEMO, Jane (38) Cash / Blood sample	1 - VIP - DEMO, Jane (38) Cash / Follicl. Asp. Jane	1 - VIP - DEMO, Jane (38) Cash / Follicl. Asp. Jane
11:00			
12:00	1 - VIP - DEMO, Jane (38) Cash / Follicle Asp. John	1 - VIP - DEMO, Jane (38) Cash / Oocyte retrieval Jane	1 - VIP - DEMO, Jane (38) Cash / Follicle Asp. John 1 - VIP - DEMO, Jane (38) Cash / Oocyte retrieval Jane
13:00			
14:00			

3) MedITEX Accounting

A new report "Patient having new cryo storage billing items" is visible when "Invoicing with MedITEX Accounting" in cryo contracts and accounting is select in the system settings.

An "!" mark will be visible when some patients cryo storage billing items (not yet invoiced) exist.

"Responsible clinician" has been added to the invoice templates bookmarks.

4) MedITEX Webportal

Attachments can now be added to the web portal messages.

Bugs

1) MedITEX IVF

a. General

The letter menu displays all available letter templates that can be used.

It is no longer possible to change the generated or assigned barcodes in the "normal" barcode window.

A change is only possible through Matchcode management.

Other barcode and RFID issues have been resolved.

In the email section, several issues have been resolved and improved.

The error caused by corrupt patient pictures when creating consents or performing donations has been resolved.

b. Settings

In the batch documentation, the displayed error-message when not entering a date has been removed.

c. Therapy

In the cycle overview, the calendar notes are now again properly displayed.

Two erroneous alerts in ovarian tissue removal cycles have been removed.

MedITEX Release Notes

In culture, it is possible to document further information/development on day 2 after day 0 = MII and day 1 = OPN.

All medical history entries can now be properly opened from a cycle.

d. Medical history

All sterility factor fields in female medical history can now be selected in any combination.

e. Administration

The error related to the date used for the document name when creating a patient questionnaire was fixed.

2) MedITEX Scheduler

An error when switching from MedITEX Scheduler to MedITEX IVF has been fixed.

3) MedITEX KPI

The calculations of the cumulative pregnancy rates and the low fertilization rate have been adjusted.

MedITEX Release Notes

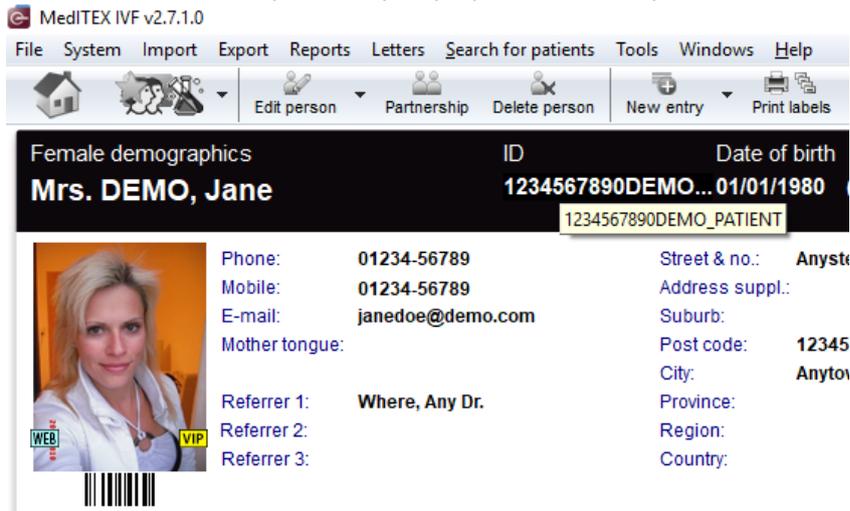
Version 2.7.1.0

Features

1) MedITEX IVF

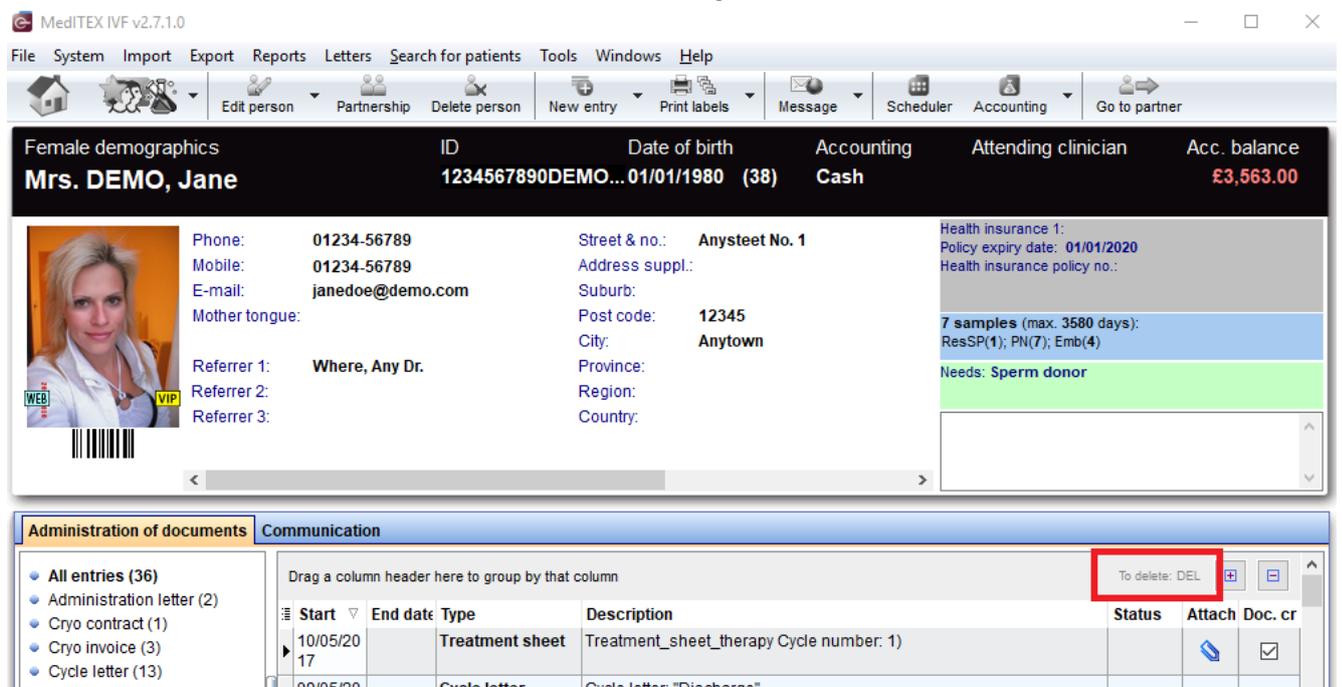
a. General

Long patient IDs are shortened for clarity and fully displayed as soon as you hover over them.



b. Demographics

In administration of documents, a small note about deleting entries and documents has been added.



c. Lab Overview (all patients)

Semen analyses can now also be displayed in the general laboratory overview of all patients. This can be defined per user by ticking whether the result list should contain semen analysis or not.

MedITEX Release Notes

Lab overview of all patients

Lab results | Lab orders

Filter: Sample ID (order no.) Entry date from 01/01/2007 until Clinician / Attention for Approval status all approved no status / attention Display semen analysis

Drag a column header here to group by that column

Entry date	Blood sam	Sample ID	Patient	Patient ID	Type	Finding sta	Parameter	Param. abl	Value	Unit	Note	Clinician	Approval st	Attention fc	Approv	Attachmer
01/03/2008	01/03/2008		DEMO, John	2	Semen analysis	!										
11/04/2008	11/04/2008		DEMO, John	2	Semen analysis	!										
07/04/2008	07/04/2008		DEMO, Jane	1234567890DEMO_PATIENT	Hormones	OK	Progesterone	PROG	0,15	ng/ml						
09/04/2008	09/04/2008		DEMO, Jane	1234567890DEMO_PATIENT	Hormones	OK	Progesterone	PROG	0,2	ng/ml						
07/04/2008	07/04/2008		DEMO, Jane	1234567890DEMO_PATIENT	Hormones	OK	FSH	FSH	8,5	mIU/ml						
09/04/2008	09/04/2008		DEMO,	123456789	Hormones		FSH	FSH	10	mIU/ml						

d. Cycle overview

In the therapy mask, a drop-down menu was added to easily select other therapies of the current couple.

MedITEX IVF v2.7.1.0

File System Import Export Reports Letters Search for patients Tools Windows

5/5

DEMO, Jane ID: 12345 Date of birth: 01/01/ Billing category: Cash

DEMO, John ID: Date of birth: Billing category:

Overview Aspiration

Start: 15/07/2014 Treat.: IVF,ICSI

01/07/2014 15: #Ooc: 9

#2PNs: 9 #Emb: 1

06/07/2014 00 #Emb: 1

Cycle overview

Treatm.: ICSI [IVF,ICSI] #Emb.: 0 [1] Date of LMP: 16/07/2014-17

Egg-treatment info: Fresh IVF/ICSI

Main indication: Female

It is also possible to quickly create a laboratory order directly from the cycle overview. Switching to the laboratory area is no longer necessary.

MedITEX IVF v2.7.1.0

File System Import Export Reports Letters Search for patients Tools Windows Help

5/5

DEMO, Jane ID: 1234567890DEMO... Date of birth: 01/01/1980 (38) Billing category: Cash

DEMO, John ID: 2 Date of birth: 01/01/1980 (38) Billing category: Insured

Cycle ID: 21 Survey ID: Couple code: Cycle billing: Cash Att. clinician:

Overview Aspiration Culture Transfer Luteal phase Pregnancy Birth

Start: 15/07/2014 Treat.: IVF,ICSI

01/07/2014 15:32 #Ooc: 9 #2PNs: 9 #Emb: 1

06/07/2014 00:00 #Emb: 1

Medic.: uhCG OHSS: 29/06/2015 #U AC: 1

Cycle overview

Treatm.: ICSI IVF,ICSI #Emb.: 0 f11 Date of LMP: 15/07/2014

Overview woman New entry New lab order

Overview man New entry New lab order

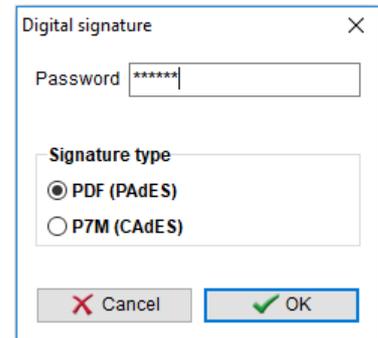
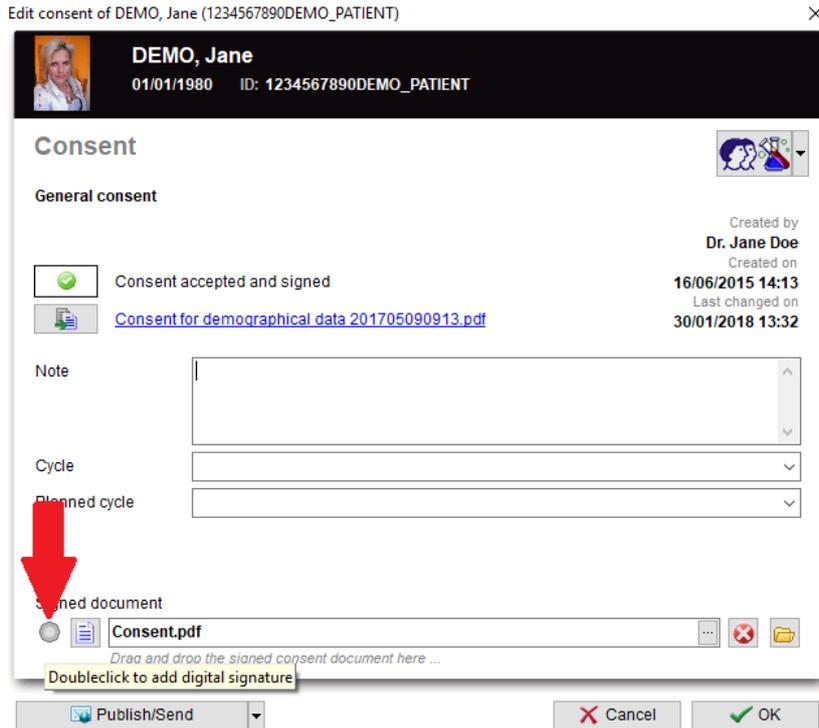
e. Report editor

In the table IUI / Insemination, the field "Date of abortion" has been added.

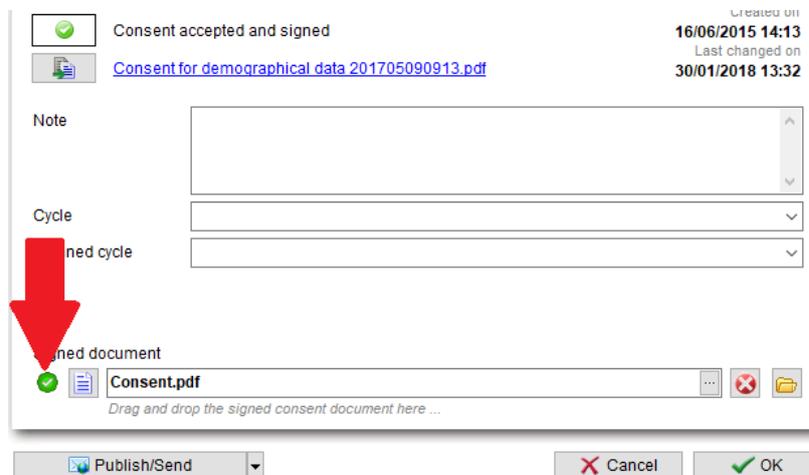
f. Digital signature for consents

Once the returned document (.doc, .docx, .pdf) has been scanned and attached to the consent form, the symbol for the digital signature will appear on the left of the attachment.

MedITEX Release Notes



When double-clicking on it, the document can be signed by entering the digital signature password or reading a smart card.



g. Medical history

The layout and the functionality of the tabular view (flexible medical history) have been revised and made more intuitive. It is possible to only display the medical history fields defined as important, which will reduce the processing time. In addition, a button for printing the flexible medical history has been added.

MedITEX Release Notes

Female medical history of DEMO, Jane (1234567890DEMO_PATIENT)

Edit layout [Print icon] [User avatars]

Medical history	
Date of medical history	30/06/2014
Attending clinician	
Healthy	No
Weight	60
Height	175
BMI	19.6
Adiposity	
Long-term medication	

The field "Unprotected intercourse since" has been changed to "Childcare since".

2) MedITEX Administration

The maximum length of the user name has been extended to 31 characters.

The following special characters are now allowed in the username: \$ % & () = ~ # ! . ,

Bugs

1) MedITEX IVF

a. Cycle

In the Culture graphical representation, 2PN's can now also be marked as "for transfer".

The cursor does not automatically jump to the next score field in the transfer window as soon as you hover over it.

The red plausibilities display error of the cycle marker in the central overview window has been fixed.

b. Planned Cycle

The issues with the partner linking, as well as the related medical history opening were improved.

c. Demographics

The error when creating and saving the cycle letter has been fixed.
The title will now be displayed correctly again.

d. Laboratory

When opening the laboratory area, as well as the laboratory overview, the first data record at the top of the page is automatically selected and not a random one.

e. Task manager

The error while creating new tasks has been fixed.

MedITEX Release Notes

f. **Report editor**

Some bugs when creating reports and lists were fixed.
The input window of the condition parameters is displayed correctly.
In addition, a filtering error has been fixed in the semen analysis area.

g. **Consents**

All bookmarks in the newly defined consent templates are generated and filled correctly.

h. **Donation – Reserved material**

The reversal of thawed donor material has been improved.

i. **Cryo contract management**

The search function has been extended in the Cryo Contracts Management so that it can be done with the patient name in all four tabs.

j. **System settings**

Within the validity period of material settings, improvements were made to simplify the input.

The issue regarding the visibility of entries for specific users in the “Medical history: entry type” system table has been fixed. All entry types are now visible as defined.

2) **MedITEX DocLink**

Under laboratory diagnostics, all entry types that are visible in MedITEX IVF are also available.

3) **MedITEX Administration**

Locking and unlocking areas in the Administration Tool is easily possible again.

MedITEX Release Notes

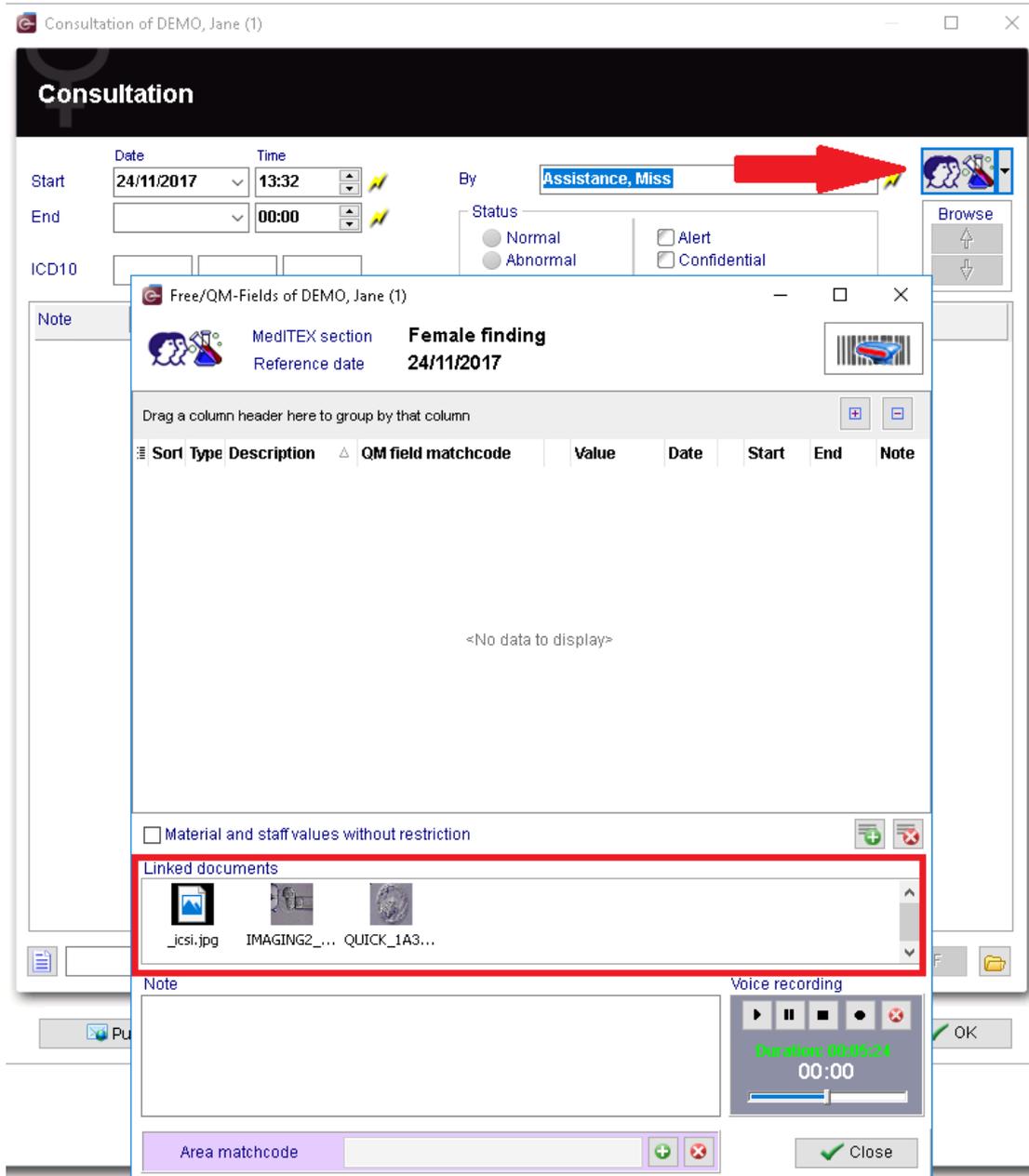
Version 2.6.9.0

Features

1) **MedITEX IVF**

a. **QM-Field**

In QM-Fields you can attach more than one document at a time.



b. **Lab**

In the list of Lab Parameter units- "No. Follicles/cmm" is added.
The "Finding Validity" of lab values- more options are added.

c. **Digital Signature for Documents**

Now it is possible to add a digital signature to documents. To use this feature, the appropriate clinic certificates need to be installed in the system settings, and certificates and passwords need to be defined per user.

MedITEX Release Notes

The screenshot shows the MedITEX IVF v2.6.9.0 application window. The top section displays patient demographics for Mrs. DEMO, Jane, including her ID (1), date of birth (01/01/1980), and contact information. Below this, there is a table titled 'Administration of documents' and 'Communication' which lists various documents such as 'Document from referring doctor', 'Treatment sheet', 'Lab order', 'Cryo invoice', and 'Administration letter'. A red arrow points to a green checkmark in the 'Doc. create' column for the 'Treatment sheet' entry dated 27/06/2014.

Documents in the Demographics section can be certified with either a password or by using a Smartcard.

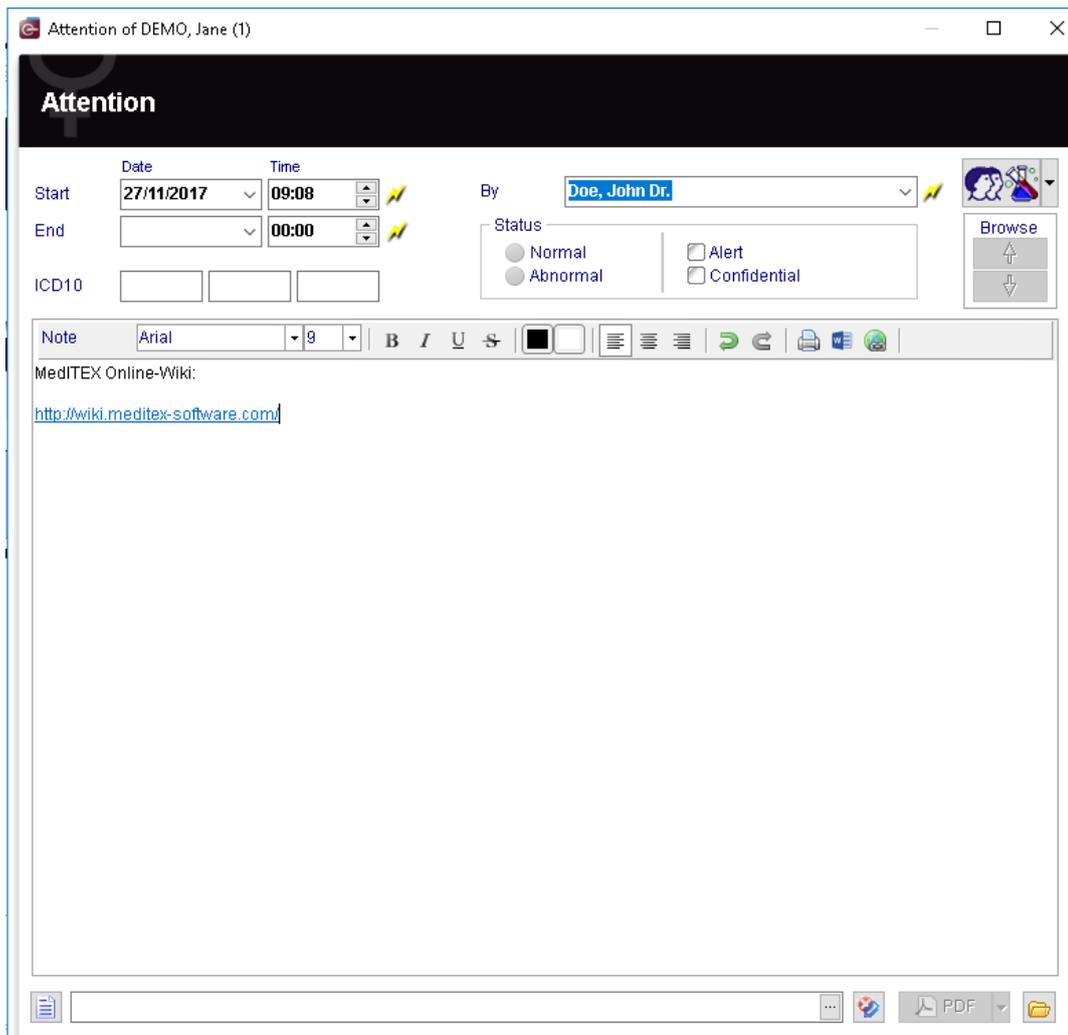
The screenshot shows the 'Treatment sheet of DEMO, Jane (1)' window. It features a 'Treatment sheet' header, a 'Start' date of 27/06/2014 at 00:00, and a 'By' field with the user 'ivf, ivf'. There are radio buttons for 'Normal' and 'Abnormal' status, and an 'Alert' checkbox. Below this is a 'Note' field containing the text 'Treatment_sheet_AllinOne Cycle number: 1)'. At the bottom, a red arrow points to a green checkmark icon next to a file path: '\\2\Letters\Treatment_sheet_therapy_All_1406271623.pdf'.

The certification details can be extracted from the certified document. Die Zertifizierungsdetails können dem zertifizierten Dokument entnommen werden.

d. Note Fields

It is now possible to insert hyperlinks in note fields, and with one click you will be taken to that website.

MedITEX Release Notes



e. Emails

Now it is possible to not only send emails from MedITEX, but also receive emails (and new email notifications).

Before sending an email, you can choose whether you want the "from" email address to be the clinic's general email address (i.e. info@klinik-musterhausen.de) or your personal email address (i.e. john.doctor@klinik-musterhausen.de) to be seen by the patient.

Emails can be viewed in the general overview, as well as per patient in the respective patient's Demographics.

MedITEX Release Notes

MedITEX IVF v2.6.9.0

File System Import Export Reports Letters Search for patients Tools Windows Help Admintools

DEMO, Jane [VIP]

Scheduler Accounting New patient New couple Communication (1) **Emails** Laboratory

Mrs. DEMO, Jane 3.563,00 €

01/01/1980 (37)

Demographics Medical history

Diagnosics Lab. diagnostics Female exam.

175cm, 60kg, BMI 19,6 11 samples: ResSP(4); GR2; PA1; AB0; IA0; EC1 PN(9); Emb(4)

Initial cons.: 01/03/2008 M.hist.: 30/06/2014

Healthy: **No**

Pretreat.: OP 4

Prev. ill.: PCO

Indic.: Tubal pathology, Other

Chromos.: **Not performed**

CFTR: **Not determined**

Fallopian patency: **Yes(r) No(l) 2007**

Unprotected intercourse since: **May 2006**

Med.opinion / note: **Donne quam felis. ultricies nec.**

Needs: **Sperm donor**

Date	Type	Message	Status
01/03/2008	Attention	aspirin intolerance	!
01/07/2014	Note	Attachment: Entry_170620085853.docx called patient....	
16/06/2015	Consultation	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Attachment: Entry_170620090022.docx Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis	

Emails

Receive emails New email Reply Reply all

Patient search External email Internal email Date from to Status

all Read Unread

Personal emails

Inbox (0)

Drafts (1)

Sent (0)

Deleted (0)

General emails

Inbox (0)

Drafts (0)

Drag a column header here to group by that column

Date	Receiver	Sender	Subject
<No data to display>			

Subject

From

To

Date

The configuration needs to be done in two sections: in the general System Settings, in the section “Communication”, and to use your personal email address, in the section “Personal Settings.”

MedITEX Release Notes

Bugs

1) MedITEX IVF

a. Medical History

Entries that are entered in the section “Medical History“ are also updated in the main screen. This is also fixed in the Lab “Diagnostics” section.

b. Donor Information

The field “Max. number of families which can be created” is now empty instead of 0, when not used, so that when it is left empty no reservation can be made.

If height and weight of the donor are filled, a new medical history will be created, if no medical history already exists. If one already exists, then it will be opened.

c. Report Editor

An error when using a format filter in the date field in queries is fixed.

When creating a query with very long note contents, an error would appear. This is fixed.

d. Task Manager

The internal Chat function in Task Manager functions correctly.

e. Culture

The message, “the embryos are in an illicit state“ has been removed.

2) MedITEX DocLink

If a user is logged into MedITEX IVF, additional log in data when opening MedITEX DocLinks is not necessary. The user data from the logged in user is used.

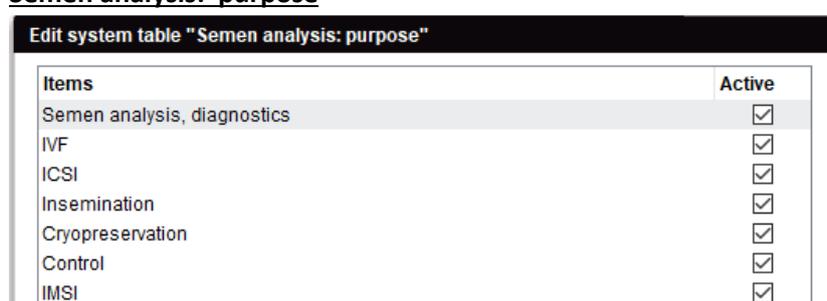
Version 2.6.7

Features

1) System settings

Active / passive flags were introduced for several fields in the program. By means of these, the entries available for selection can be supplemented, edited or activated/deactivated in some fields.

a. Semen analysis: purpose



Items	Active
Semen analysis, diagnostics	<input checked="" type="checkbox"/>
IVF	<input checked="" type="checkbox"/>
ICSI	<input checked="" type="checkbox"/>
Insemination	<input checked="" type="checkbox"/>
Cryopreservation	<input checked="" type="checkbox"/>
Control	<input checked="" type="checkbox"/>
IMSI	<input checked="" type="checkbox"/>

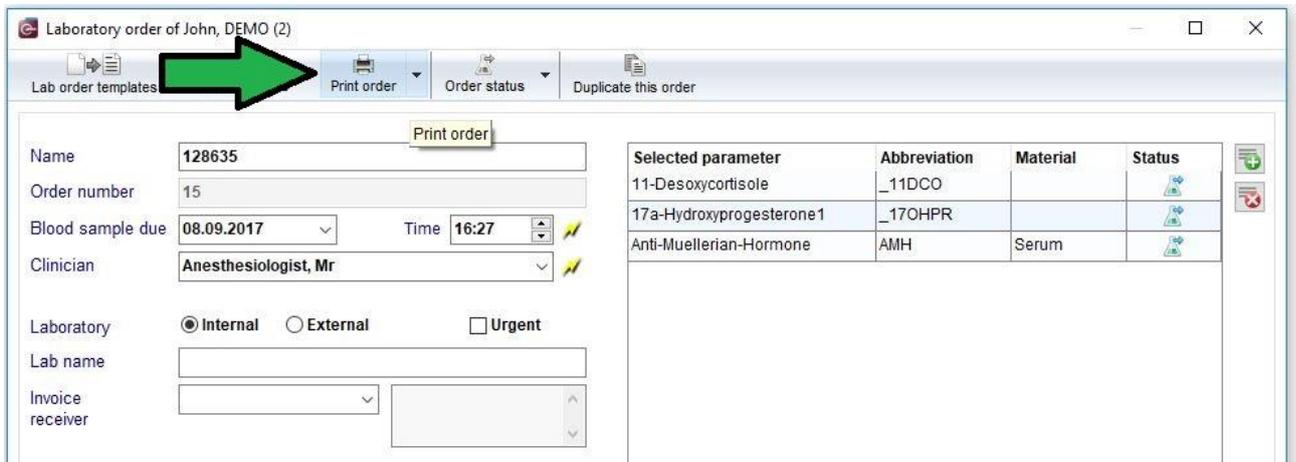
MedITEX Release Notes

- b. **Medical history man: testicle**
 - c. **Medical history man: cryptorchidism**
 - d. **Examinations – new entry**
 - e. **Medication: application area**
 - f. **Medication: group**
- It's not possible to define new entries here.

2) **Laboratory**

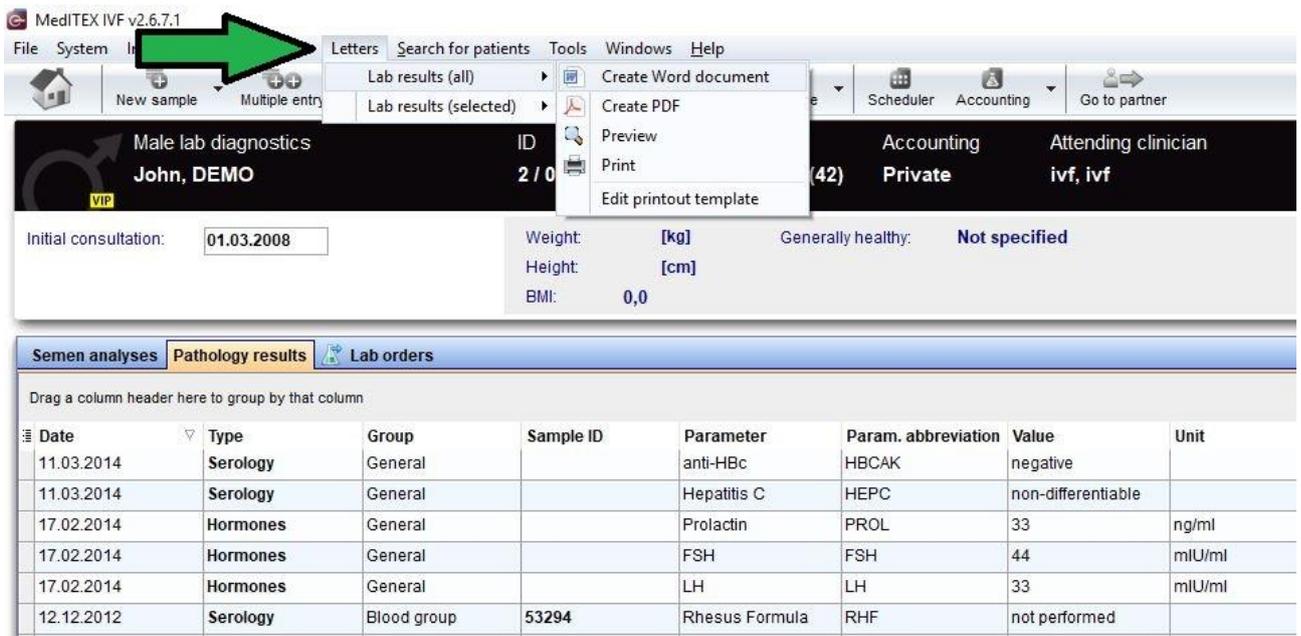
a. **Report editor – lab order**

The fields “material list” and “parameter list” have been added.
 With the report editor defined letters/documents for the lab order section can be created by clicking on the "Print order" button.



b. **Lab values - document**

In the tab sheet of laboratory results, as well as in the lab order tab sheet, it is possible to create predefined documents/letters for lab results.



MedITEX Release Notes

Date/Time	Lab Type	Parameter	Value	Unit	Status	Attending Clinician	Note
03.11.2014 13:33	Serology	HBCAK	negative				
03.11.2014 13:33	Serology	HEPC	non-differentiable				
02.17.2014 00:00	Hormones	PROL	33	ng/ml	Normal		
02.17.2014 00:00	Hormones	FSH	44	mIU/ml	Normal		
02.17.2014 00:00	Hormones	LH	33	mIU/ml	Normal		
12.12.2012 11:00	Clinical chemistry	AT3	50	IU/ml		Doe, John Dr.	OK!
12.12.2012 11:00	Serology	HBVP	50	GE/ml	Abnormal	Doe, John Dr.	auffällig
12.12.2012 11:00	Serology	RHF	not performed		Normal	Doe, John Dr.	

3) Logging of activities (Change log)

a. Alerts

The setting and removal of the checkmark for showing alerts is now documented in the data change log.

b. Patient search

In the change log (Reports → Logging of activities → Searched patients), the searched/opened patients are now also logged, including user and date/time.

Searched on	Searched at	Patient ID	Patient	Partner ID	Partner	Searched by
04.09.2017	17:12	123456	Jane, DEMO	2	John, DEMO	Support, Support
05.09.2017	15:42	123456	Jane, DEMO	2	John, DEMO	Support, Support
06.09.2017	11:37	123456	Jane, DEMO	2	John, DEMO	Support, Support
07.09.2017	11:25	123456	Jane, DEMO	2	John, DEMO	Support, Support
07.09.2017	14:39	123456	Jane, DEMO	2	John, DEMO	Support, Support

4) Donation

a. Anonymous ID

For donors, all users can only see the Anonymous ID. Exception are the users with the right to donor data privacy.

If a user has the right to view the personal data of the donor, he can see the following entries, or has the following options:

- see the donor's personal data
- jump from the donor to the recipient cycle and vice versa
- tracking of the cells
- patient search via anonymous ID (in the donation and matching area)

b. Surrogate mother cycle

The bug in linking embryos in the transfer mask of the surrogate mother was fixed.

5) MedITEX Accounting

a. Transaction number

After activation the transaction numbers can be generated for all executed transactions. It is possible to choose for which types a separate transaction number should to be created.

MedITEX Release Notes

It is also possible to automatically generate a document for each transaction carried out.

Services and materials / prices
Overview of prices
Invoice management
Document templates

Invoice settings
Dunning levels
Changeable system tables

Rule for invoice number Continuous number (8-digits) with leading zeroes

Generate own transaction number (with inv. number rule) for:

Credit note

Prepayment

Payment

Payment with current credit balance

Income provider mandatory for creating invoices

Invoice type active

E-claims active

Deleting of invoices is possible

Deleting of actions is possible

Income receiver mandatory for processing payments

Transaction date is read only

Calculate running balance per transaction

Payment period days

VAT

no

on final invoice amount

on each invoice item

Standart value-added tax rate %

ICD code visible for billing items

Factor on invoice item price

Co-payment possible

Transaction document

PDF (create and open document)

PDF (only create document)

Do not create document

The transaction numbers are stored in the different areas, e.g. "Receipt of money" are visible and provide clear information about the respective transaction. If you can not see the column you need to set it visible with the small menu at the beginning of the table.

MedITEX Accounting v2.6.7.1

File Help Admin options

John, DEMO

Go to partner New invoice / items New transaction MedITEX IVF Scheduler Print Export Settings Price list

Patient: John, DEMO ID: 2 DOB: 12.03.1975 Unallocated credit: 0,00 €

John, DEMO: Receipt of money

Filter for all tables: general search

Income provider Location

Period from until

Drag a column header here to group by that column

Date	Transaction	Transaction	Description	Income rece	Patient	Patient ID	Note	Staff	Paym. r
<input checked="" type="checkbox"/> Date	<input checked="" type="checkbox"/> Transaction	<input checked="" type="checkbox"/> Transaction number	<input checked="" type="checkbox"/> Description	<input checked="" type="checkbox"/> Income receiver	<input checked="" type="checkbox"/> Patient				
	ent		Invoice number: 00000014		John, DEMO	2		iv, lf	Bank tra

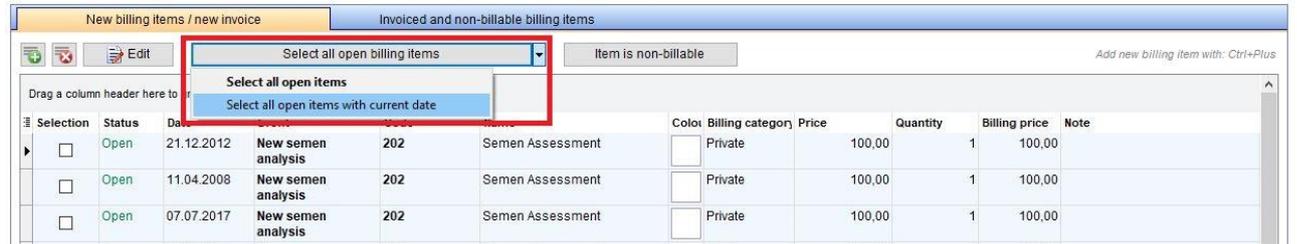
b. Document templates

New placeholders in the field of "Professional activities of the patient and the partner" have been added to the document templates.

MedITEX Release Notes

c. Invoice book

The "Invoice book - new invoice items - new Invoice" window has been expanded. It is now possible to select all open billing items for the current date at once. (Until now, it was only possible to select all open positions.)



Bugs

3) MedITEX IVF

a. Cycle overview

Changes made to the calendar template are now saved. (Cycle overview → Print → Print calendar)

b. Medical history

An error when switching between structural and flexible medical history has been fixed.

c. Cryo storage - donation

In the "reserved for" area in the individual cryopreserved straws, the anonymous ID of the recipient is displayed or the word ANONYM is displayed if the anonymous ID is not present.

d. Task manager

If the creator keeps the task manager in the foreground after creating a task, the task recipient can edit the task and then save it. The task recipient no longer receives any error messages.

e. Kryo thawing

The "From cryo storage" button is only displayed when the straws are thawed (during the thawing process). If you open the window with a double click on an already thawed Straw, the button will no longer be visible.

MedITEX Release Notes

Category	Sub-category	Field	Value
Oocyte	total	Oocyte total	0
	vital	Ooc. vital	0
	atr./lost	Ooc. atr./lost	0
PN	total	PN total	0
	vital	PN vital	0
	atr./lost	PN atr./lost	0
Embryo	total	Emb total	4
	vital	Emb vital	4
	atr./lost	Emb atr./lost	0
From IVF (4)	Emb ideal	Emb ideal	4
	Emb not ideal	Emb not ideal	0
	Emb atr./lost	Emb atr./lost	0
From ICSI	Emb ideal	Emb ideal	0
	Emb not ideal	Emb not ideal	0
	Emb atr./lost	Emb atr./lost	0

The score and notes information of the origin cell are taken over again at the thawing.

f. Pregnancy - Ultrasound

The error message that appeared during leaving the pregnancy sheet (ultrasound area) was fixed.

g. QM field in birth section

The QM fields in the area of birth can be documented independently of the entries of the pregnancy process. All that is required is the documentation of one birth date.

h. Lists

It is possible to jump from list evaluations into planned cycles.

4) MedITEX Accounting

a. Invoice templates

In the case of same-sex couples, the data of the same-sex partner will be inserted into the fields of the partner.

MedITEX Release Notes

Version 2.6.6

Features

1) General

a. Performance

Due to the fundamental structural change in many background processes, a performance increase of up to 60% could be achieved.

b. Sending Emails from MedITEX

So far, e-mails have been directly sent via the clinic's e-mail program. Information was not stored in MedITEX.

Now another option can be selected in the settings. It is possible to keep the e-mail communication directly in MedITEX and to review the sent and received e-mails in a general communication overview and per patient as well.



2) Cycle

a. Cryo contract management

The selection possibilities of the cycle invoicing were extended with "Every 10 years".

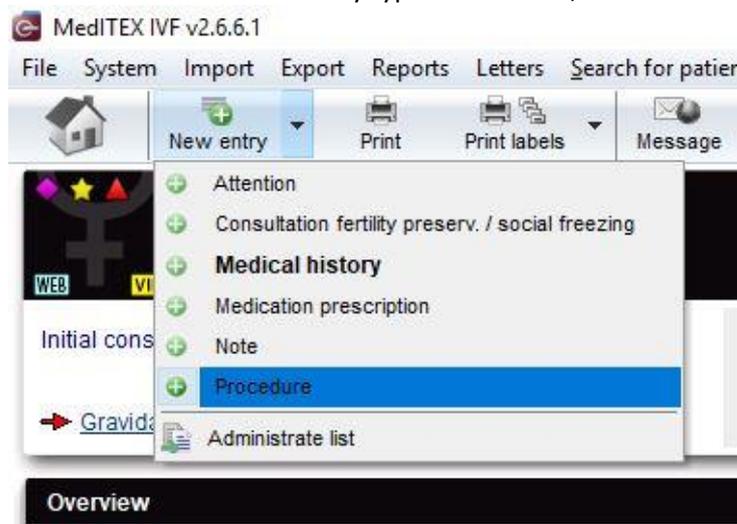
b. Medication / Drugs

A new drug "Pergoveris Pen" has been added.

3) Medical history

a. New Entry Button

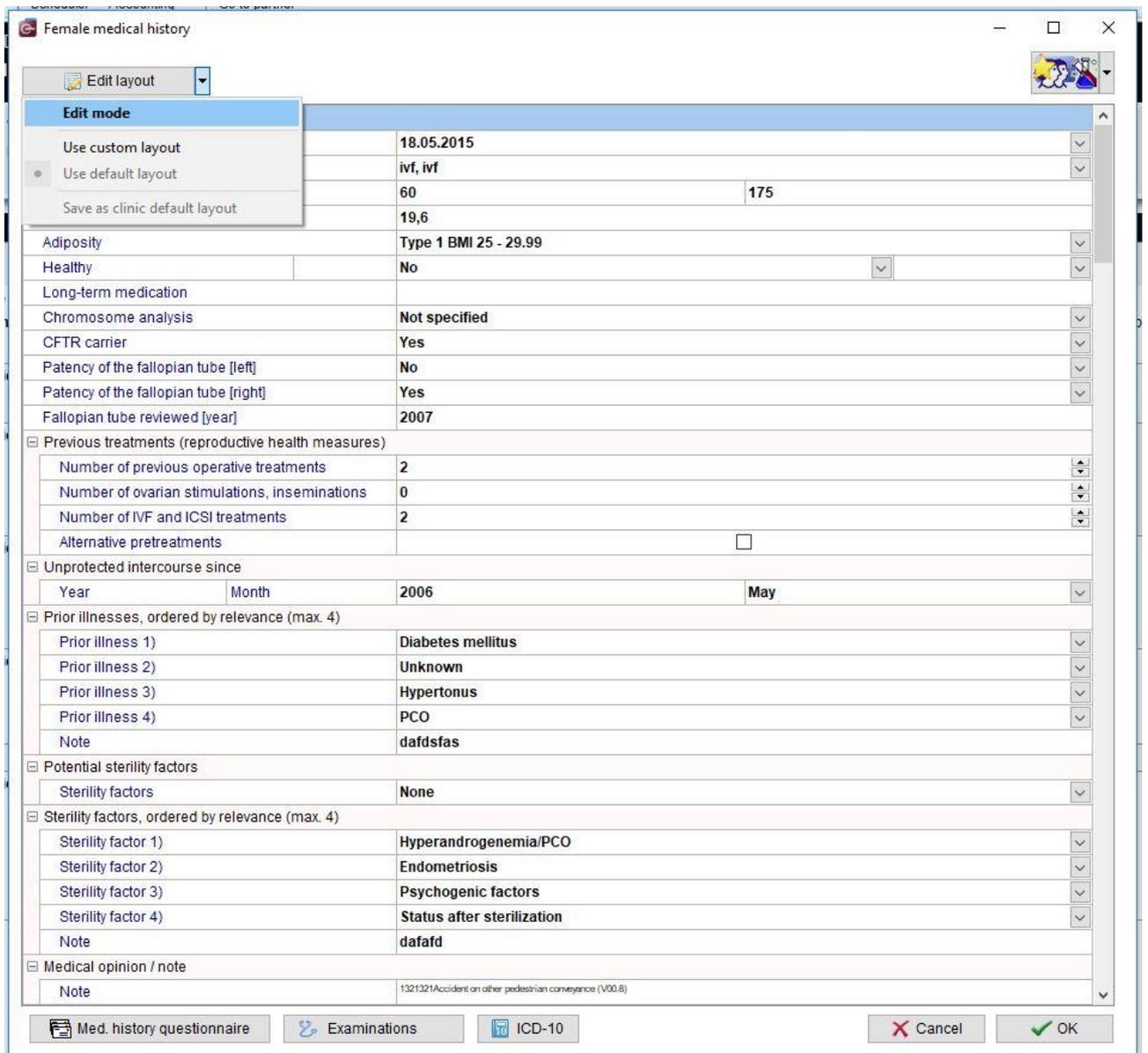
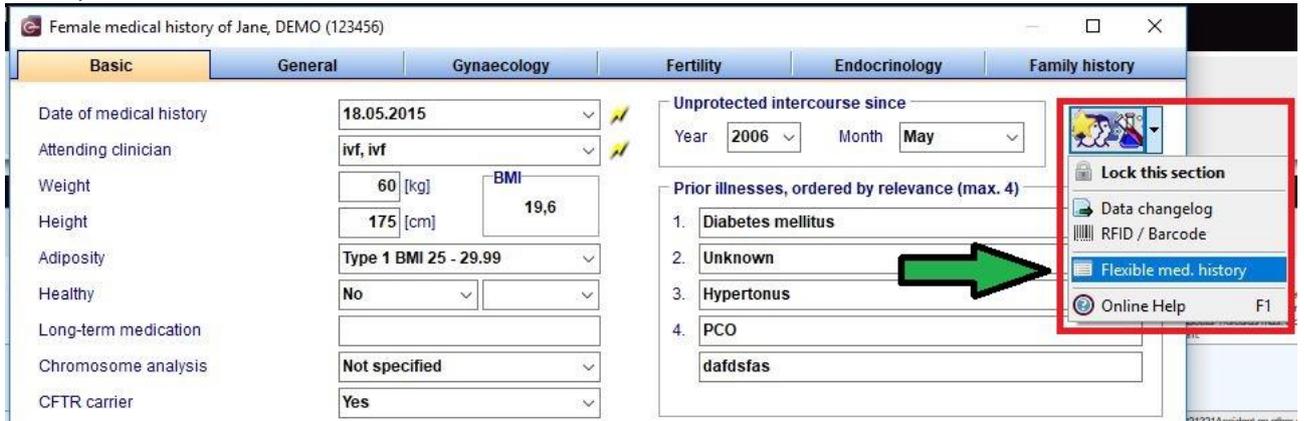
It is now possible to define which user can create specific entry types in Medical history. In the settings, the appropriate users can be selected for each entry type. Per default, all users are selected.



b. Flexible medical history

MedITEX Release Notes

In Medical history, there is a new view available, the flexible Medical history. This can be activated via the QM button. The layout of the patient's medical history can be changed into a tabular form, in which the history fields can be added, removed or reordered.



MedITEX Release Notes

Bugs

1) MedITEX IVF

a. General

The selection fields in the additional measures and in transfer section are again fully functional.

b. Culture

Documented content is completely taken over after confirmation for the next cell.

c. Medical history

Notes in the section "Genetics / expert opinions" are saved and displayed.

2) MedITEX KPI

The query "cleavage (division)" has been corrected. As a result, cryopreserved cells are now excluded.

3) MedITEX Scheduler

The search for free times has been revised and optimized.

MedITEX Release Notes

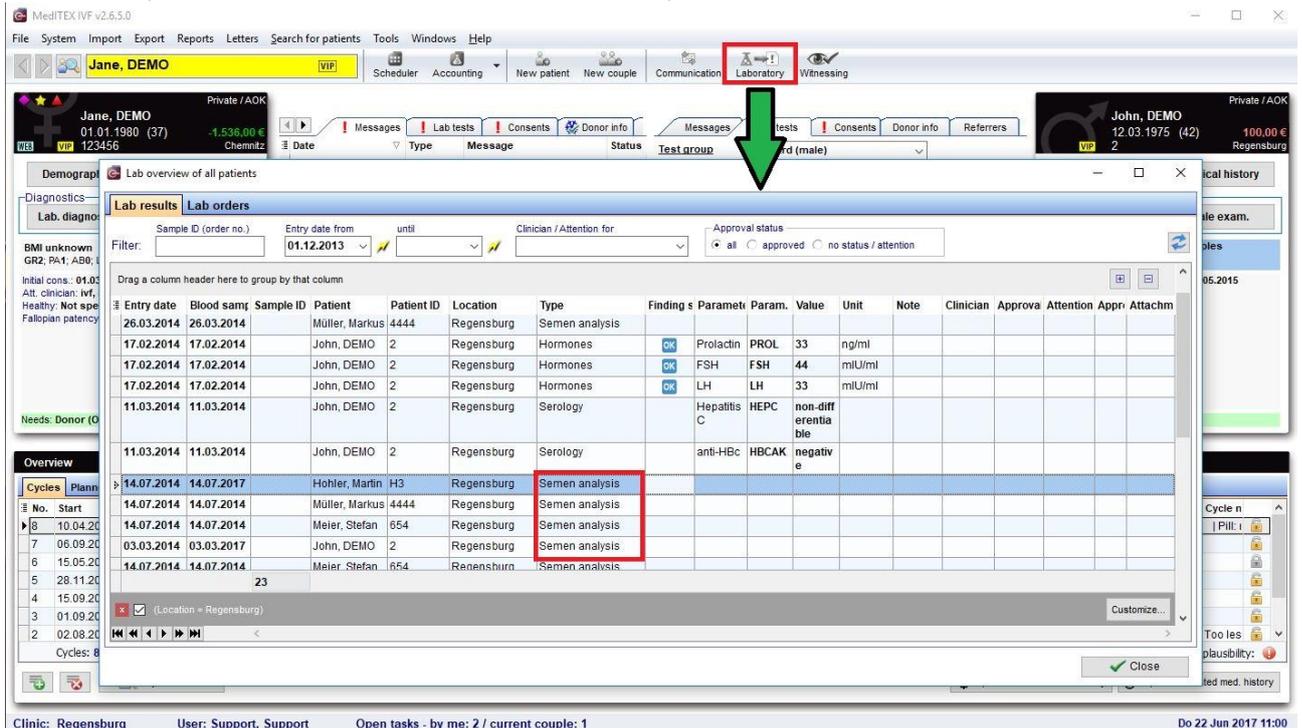
Version 2.6.5

Features

1) Main Window

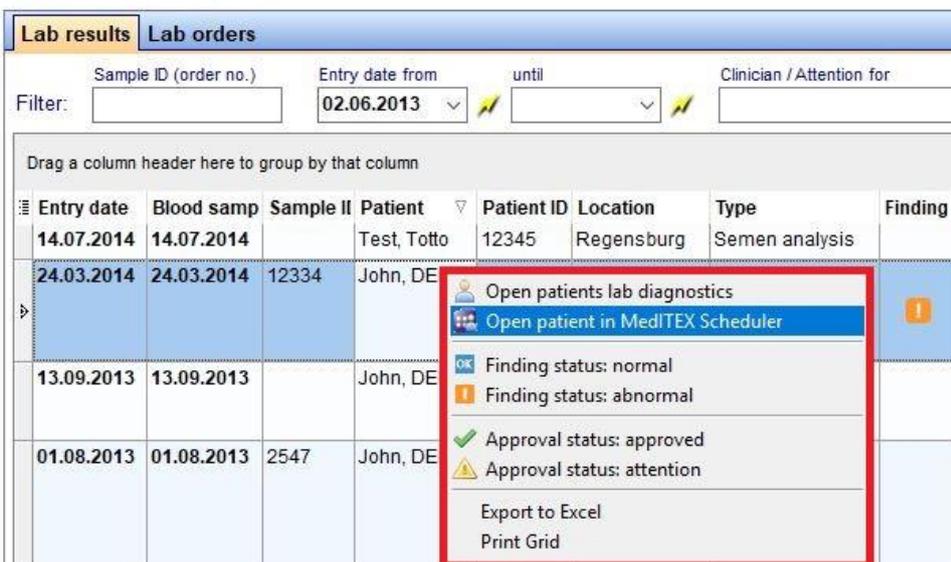
a. Laboratory Overview

Semen analysis entries are now visible in the Laboratory overview.



With a right-click, a context menu can be opened to perform various actions. Among other things, it is possible to open the laboratory diagnostics of the patient or the selected patient in MedITEX Scheduler.

Lab overview of all patients



MedITEX Release Notes

b. Witnessing

In the system settings, certain Witnessing Points can be activated.

Witnessing is a process within which one or more persons are asked to confirm their identity (by entering user password, scanning their ID card, etc), in order to complete certain MedITEX action (i.e. add sample to cryo storage, remove sample from cryo storage etc.).

Witnessing not active
 Witnessing active

Witness identification method
 Login password

Witnessing actions
 The table below contains MedITEX actions which can be witnessed at the moment. Activate actions which need to be witnessed in your clinic. In order to create a document at the end of the witnessing process, define the document template and select the option "Create document".

MedITEX section	Action	Active	Create document	Template
Androlab	Creation/change of a semen analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	[a]
Cryopreservation of sperm	New cryopreservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	[a]
Cryopreservation of sperm	Removal of a straw	<input type="checkbox"/>	<input type="checkbox"/>	[a]
Cryopreservation of oocytes/embryos	Removal of an oocyte / embryo	<input type="checkbox"/>	<input type="checkbox"/>	[a]
Cryopreservation of oocytes/embryos	New cryopreservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	[a]

For the activated transactions, the user has to identify according to the definition. Without a correct password, the changes cannot be saved. This operation will be logged.

Semen analysis of John, DEMO (2)

Collection date: 01.04.2017 Time: 00:00 Abstinence period [d]: 5 Start of an... Assistance, Miss

Thawing date: Time: Analysed by: Not specified

Sample ID: 55156 Appearance: Typical

Purpose: SA Smell: Normal

For donation: Viscosity: 3 Agglutination:

Collection method: Not specified Liquefaction time [min]: normal

Collection place: At clinic Treatment: 255

Collection difficulties: no Score: DNA Fragmented [%]:

Witness identification

User: support Password: []

Cancel OK

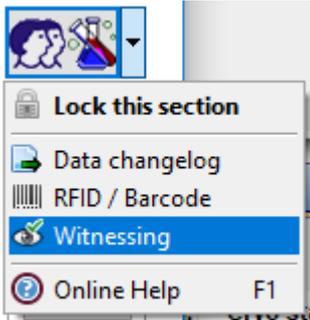
Diagnosis: Aspermia, Normozoospermia, Other Finding: Normal Abnormal Note: njnpo

Time between collection and usage: 00:00 Number of insemin. motile sperms [x10⁶]: 44 Inseminated amount [ml]: 22,55 24h Motility rate [%]: 22,45

Generate letter Change patient Cancel OK

There are three options for identification: Login password, Fingerprint or Barcode.

MedITEX Release Notes



The Witnessing Points of each record can be checked in the QM area of each section.

Witnessing							
Patient selection		Witnessing date from		until	Witness		
John, DEMO							
Witnessing details							
Drag a column header here to group by that column							
Patient ID	Patient name	MEDITEX section	Action	Witnessed on	Witness	Witnessing ID	Witnessing document
2	John, DEMO	Androlab	Creation/change of a semen analysis	22.06.2017 11:32	Support, Support	1_220620171132_1_support	
2	John, DEMO	Androlab	Creation/change of a semen analysis	22.06.2017 11:31	Support, Support	1_220620171131_1_support	

An overview of all Witnessing Points can be opened from the main window.

Parameter	Date	Value	Valid unit	Statu
anti HCV	16.11.201			
anti-HBc	16.11.201	negative		OK
anti-HIV I + HIV II				
HBsAg				
Hepatitis B	16.03.201	negative		!
Hepatitis C				
HIV1 Ab (Westernb				
HIV2 Ab (Westernb				

c. Locking of sections - Documentation

A new tab "Lock / Unlock Areas" has been added to the Change Log window. There you can see what area was locked and unlocked by users.

Logging of activities						
Patient selection		Display changes from - until		General search		
		18.06.2017	22.06.2017			
Locking/Unlocking of sections						
Drag a column header here to group by that column						
Date	Patient ID	Patient name	Section	Status	Staff	
22.06.2017 11:37	123456	Jane, DEMO	General (Therapy)		Support Support	
22.06.2017 11:36	123456	Jane, DEMO	Examinations and findings		Support Support	
22.06.2017 11:36	123456	Jane, DEMO	General (Therapy)		Support Support	

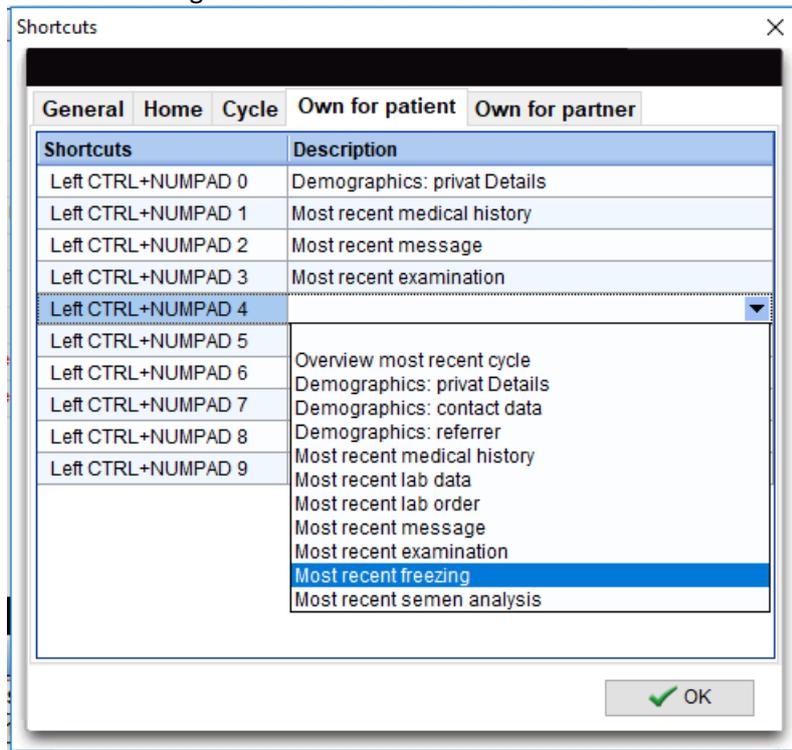
MedITEX Release Notes

d. Shortcuts

Keyboard shortcuts were extended with two new user-configurable areas. It is now possible to jump into areas such as Demographics, Medical history, Examinations and Semen Analysis, from any part of the program and by clicking the Escape button, the program will go back to the initial window.



Users can configure the order of shortcuts themselves.



e. Donor information

The donor info tab is displayed when matching straws are available for donation. The visibility of this feature can be controlled through the system settings.



f. Lab tests

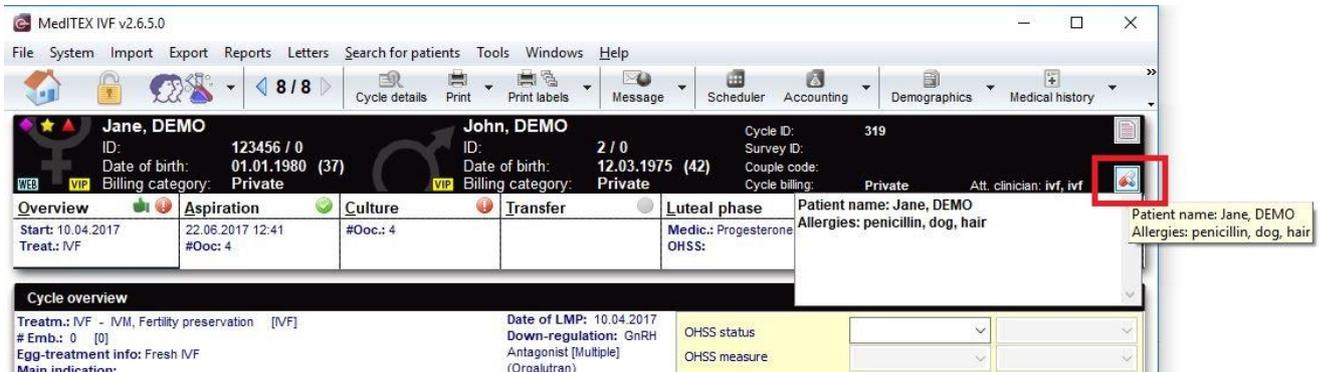
Finding status is displayed in the Lab tests tab sheet.

MedITEX Release Notes

4) Cycle

a. Cycle – allergy information

In the header of the cycle documented allergies from the linked medical history are visible. You can see them via mouse over or mouse click.



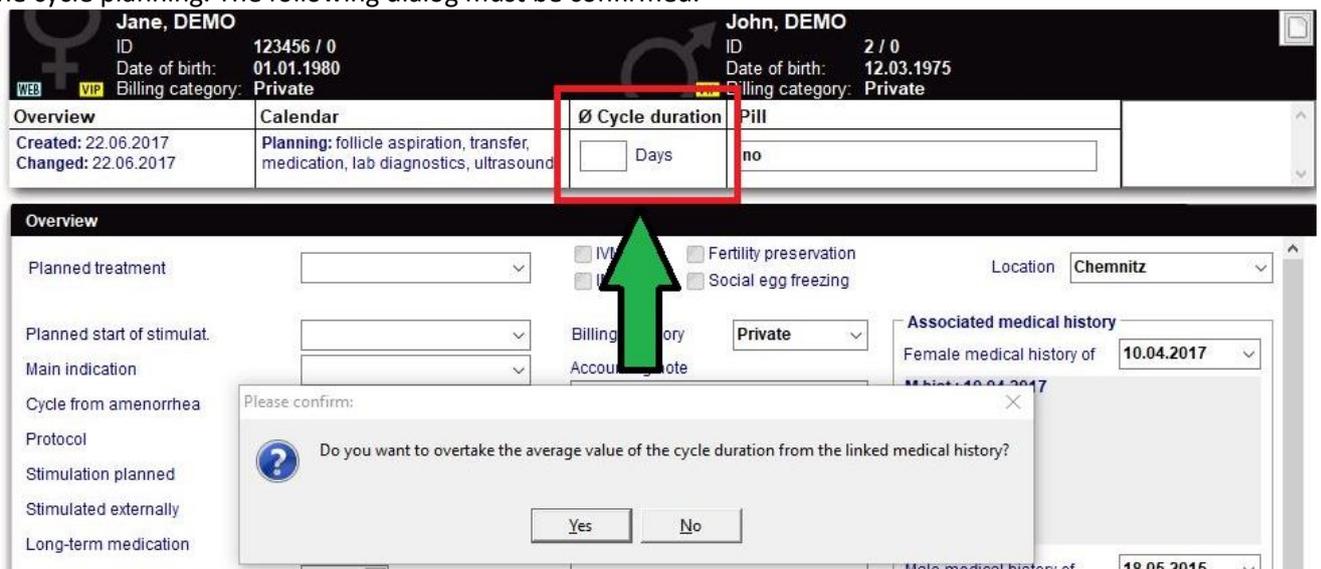
b. Cycle overview

In the cycle overview area, further information added from Cycle details (e.g., IVM, FertiProtect, Social Egg Freezing).



5) Planned cycle

An average value of the current medical history is automatically taken over into the cycle duration field in the cycle planning. The following dialog must be confirmed.



6) Report editor

Letters and documents can be saved and used in Word format .docx.

7) Cryo Storage

a. In the Cryo storage, as well as in Cycle culture, it is possible to thaw several straws at the same time using the key combination CTRL + arrow (or mouse click).

MedITEX Release Notes

Oocyte / embryo cryo storage of Jane, DEMO (123456)

Own material																
Follicle aspiration	Cryopreserved on	Storage date	Cryo technique	Cryopreserved by	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Straw ID	Storage location	Pos.	Cl. 1	Cl. 2	Contract number	For research
05.08.2014	05.08.2014	05.08.2014			1052	2					Cryo Tank 1 A A (Regensburg)				000012	<input type="checkbox"/>
10.07.2014	10.07.2014	10.07.2014		ivf, ivf	1078	2					Cryo Tank 1 A A (Regensburg)				000012	<input type="checkbox"/>
10.06.2010	09.09.2013	12.06.2010	Slow	Assistance, Miss	1382		3			2-2	Cryo Tank 1 A A (Regensburg)				000001	<input type="checkbox"/>
08.12.2011	07.12.2012		Slow	Assistance, Miss	1658	3				47	Cryo Tank 3 A 1 (Augsburg)	23			000012	<input type="checkbox"/>
29.11.2012	29.11.2012	29.11.2012	Vitrification	Assistance, Miss	1666	11				10	Cryo Tank 2 1 2 C (Regensburg)				000010	<input type="checkbox"/>

Reserved material														
Donated from	Cryopreserved on	Storage date	Cryo technique	# Days	# Ooc.	# PN	# Emb.	Straw ID	Storage location	Pos.	Cl. 1	Cl. 2	Contract number	Planned time period
3434 M Sabin	01.04.2013	01.04.2013	Slow		5				Cryo Tank 5 C 1 a				000012	May 2015

Buttons: +, -, Print, Invoices, Cancel, Close

- b. In the Cryo storage – reserved material section – two separate buttons for "thawing" and "undo reservation" are offered.

Oocyte / embryo cryo storage of Jane, DEMO (123456)

Own material																
Follicle aspiration	Cryopreserved on	Storage date	Cryo technique	Cryopreserved by	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Straw ID	Storage location	Pos.	Cl. 1	Cl. 2	Contract number	For research
05.08.2014	05.08.2014	05.08.2014			1052	2					Cryo Tank 1 A A (Regensburg)				000012	<input type="checkbox"/>
10.07.2014	10.07.2014	10.07.2014		ivf, ivf	1078	2					Cryo Tank 1 A A (Regensburg)				000012	<input type="checkbox"/>
10.06.2010	09.09.2013	12.06.2010	Slow	Assistance, Miss	1382		3			2-2	Cryo Tank 1 A A (Regensburg)				000001	<input type="checkbox"/>

Reserved material													
Donated from	Cryopreserved on	Storage date	# Days	Material type	Sample ID	Straw ID	Storage location	Pos.	Cl. 1	Cl. 2	Contract number	Planned time period	
2 John, DEMO	18.05.2015	18.05.2015	766	Native sperm	482512		Cryo Tank 2 1 1 A (Regensburg)				000010	June 2015	
987654321 Partner, Neuer	30.11.2012	30.11.2012	1665	Native sperm	202010						000012	September 2016	
987654321 Partner, Neuer	30.11.2012	30.11.2012	1665	Native sperm	02056		Cryo Tank 2 1 1 A (Regensburg)				000012	September 2016	

Buttons: +, -, Thawing icon, Print, Invoices, Cancel, Close

c. **Cryopreservation**

The "freezing date" and "storage date" are no longer automatically filled with the current date. The only exception is the cryopreservation directly in Cycle culture - Graphical representation.

d. **Reason for Removal**

The transfer clinic was added for all clinics in Italy.

8) **Donation**

In the section Person and donor information, some fields of the current Medical history are displayed in physical characteristics. Double-click the patient's history to open and edit it.

MedITEX Release Notes

Person and donor information of Jane, DEMO (123456)

[123456] Jane, DEMO (DOB: 01.01.1980)

Personal information and reservations | Personal characteristics | Donor sale consent | Donation history

Physical characteristics | Psychological characteristics | Social and other characteristics

Chromosome analysis	No abnormality detected	Weight	55 [kg]	BMI	24.4
CFTR carrier	No	Height	150 [cm]		
Ethnic group	European	Skin colour	Light-coloured (European)	Birth marks <input type="radio"/> no <input type="radio"/> yes which	
Father's ethnic group		Hair colour	Blonde		
Mother's ethnic group		Hair type	Straight		

9) System settings

a. System table "Scores"

"Active / Passive" checkbox was added. Thus, it can be determined which values are selectable in culture.

Home Settings

Clinic System Drugs Material Lab Cryo storage Incubator Free / QM fields

General Functions Presentation options Interfaces System tables

Editable system tables

- Medical history woman: previous illnesses
- Medical history woman: sexual activity
- Medical history woman: sterility factors
- Medical history: alcohol consumption
- Medical history: entry type
- Medical history: smoking habits
- Oocyte/embryo cryo: cryo technique
- Oocyte/embryo thawing: thawing technique
- Payment method
- Person and donor information: build
- Person and donor information: physique
- Pregnancy: fetal pathology and complications
- Provinces
- Regions
- Scheduler: statuses in waitingroom
- Score for embryos
- Score for oocytes
- Score for PNs

Edit system table "Score for embryos"

Items	Active
B	<input checked="" type="checkbox"/>
A	<input checked="" type="checkbox"/>
C	<input checked="" type="checkbox"/>

b. System table "Region"

Region has been added as a system table.

c. Cryo contract management

In the system settings can be defined whether the account displayed in the main window displays only the current account balance from MedITEX Accounting or if it shows combination with the current outstanding amount from the open cryo contract management from MedITEX.

Private / AOK

John, DEMO
12.03.1975 (42)
VIP 2
100.00 €
Regensburg

Demographics Medical history

Diagnostics
Lab. diagnostics Male exam.

MedITEX Release Notes

General Automatic ID generation Report editor Semen analysis Cycle Medication **Cryo contracts and accounting** Donation /

Not active
 Active - invoicing with MedITEX IVF
 Active - invoicing with MedITEX Accounting

Cryo contracts Invoice settings

Automatically create invoice no. with following rule
 Sequential number (10-digits) with leading zeroes

Automatically create invoice title with: Cryo storage (from month / year - until

Standard format for invoice MS Word PDF Don't create doc.

Combine balances from MedITEX IVF and MedITEX Accounting

10) Print preview – Design settings

The design settings of the print preview (font size, font, header and footer, etc.) are now saved.

Date	Type	Group	Sample ID	Parameter	Param. a	Value	Unit	Note	Clinician	Findings	Approvals	Attention
16.03.2017	Serology	General		Hepatitis B	HEPB	negative						
16.11.2016	Serology	General	541269	anti-HBc	HBCAK	negative			Doe, John Dr.	OK		
27.08.2015	Zytologie	General		TEST	TEST	258	g/l	76r7675		OK		
18.05.2015	Hormones	General		E2	E2	55	pg/ml					

11) MedITEX KPI

a. Value table

It is now possible to export or save KPI values.

MedITEX Key Performance Indicators v2.6.5.0

Quit Help

PG KPI (Fresh cycles)

- Positive test per retrieval
- Positive test per retrieval (first or second cycle)
- Positive test per ET
- Positive test per ET (first or second cycle)
- Biochemical PG per retrieval
- Biochemical PG per retrieval (first or second cycle)
- Biochemical PG per ET/IUI
- Biochemical PG per ET/IUI (first or second cycle)
- Clinical PG in started Cycles
- Clinical PG in started Cycles (first or second cycle)
- Clinical PG per retrieval
- Clinical PG (+HB) per retrieval
- Clinical PG per retrieval (first or second cycle)
- Clinical PG (+HB) per retrieval (first or second cycle)
- Clinical PG per ET/IUI**
- Clinical PG (+HB) per ET/IUI
- Clinical PG per ET/IUI (first or second cycle)
- Clinical PG (+HB) per ET/IUI (first or second cycle)

Filter: Reference date: Date of LMP / Therapy start

Grouping: Staff (FA: Embryologist)

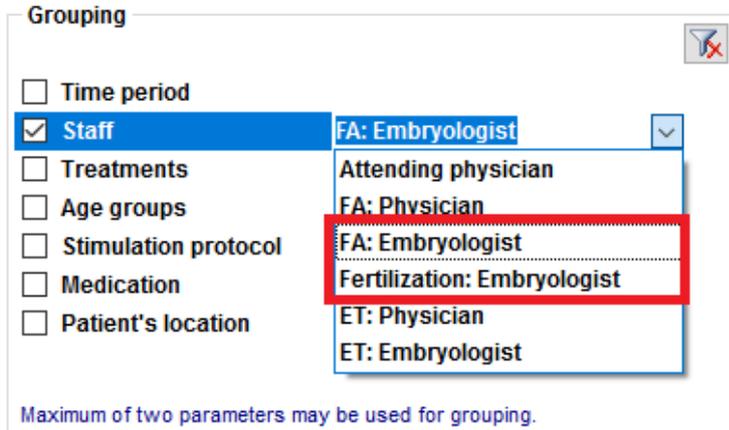
Export menu options:

- KPI values as Excel table (Ctrl+E)
- KPI values into clipboard (Ctrl+Alt+C)**
- KPI values as bitmap image (Ctrl+Alt+I)
- Details as Excel table (Ctrl+D)
- Chart into clipboard (Ctrl+C)
- Chart as bitmap image (Ctrl+I)

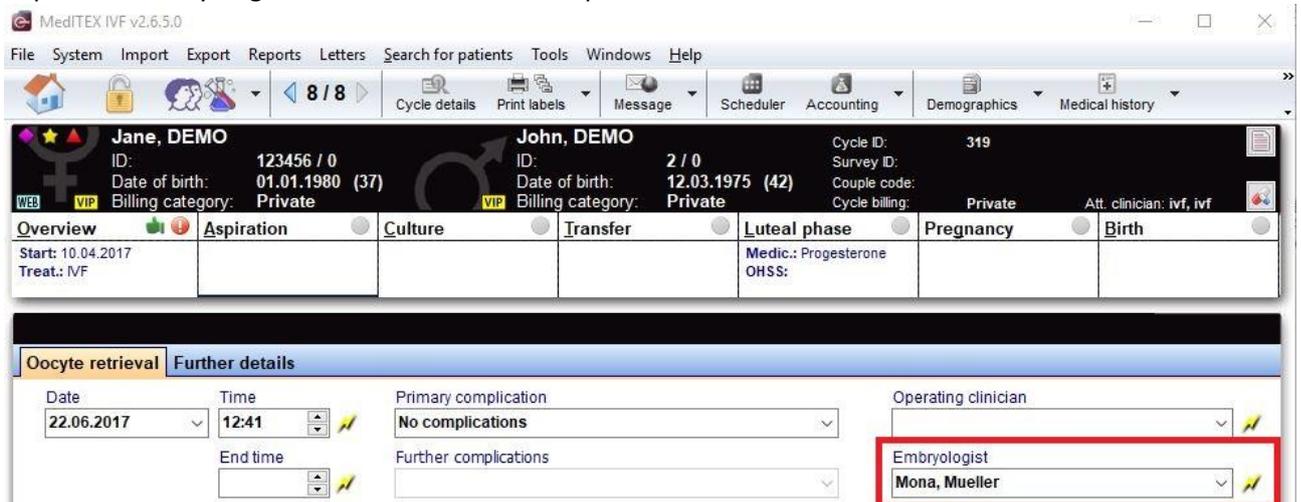
b. Report with staff filter "Embryologist"

MedITEX Release Notes

Several queries have been adapted to allow further personnel filtering. There are now two entries concerning the embryologist:



Aspiration Embryologist → Documentation in Aspiration:



Fertilization: Embryologist → Documentation in ART treatment:



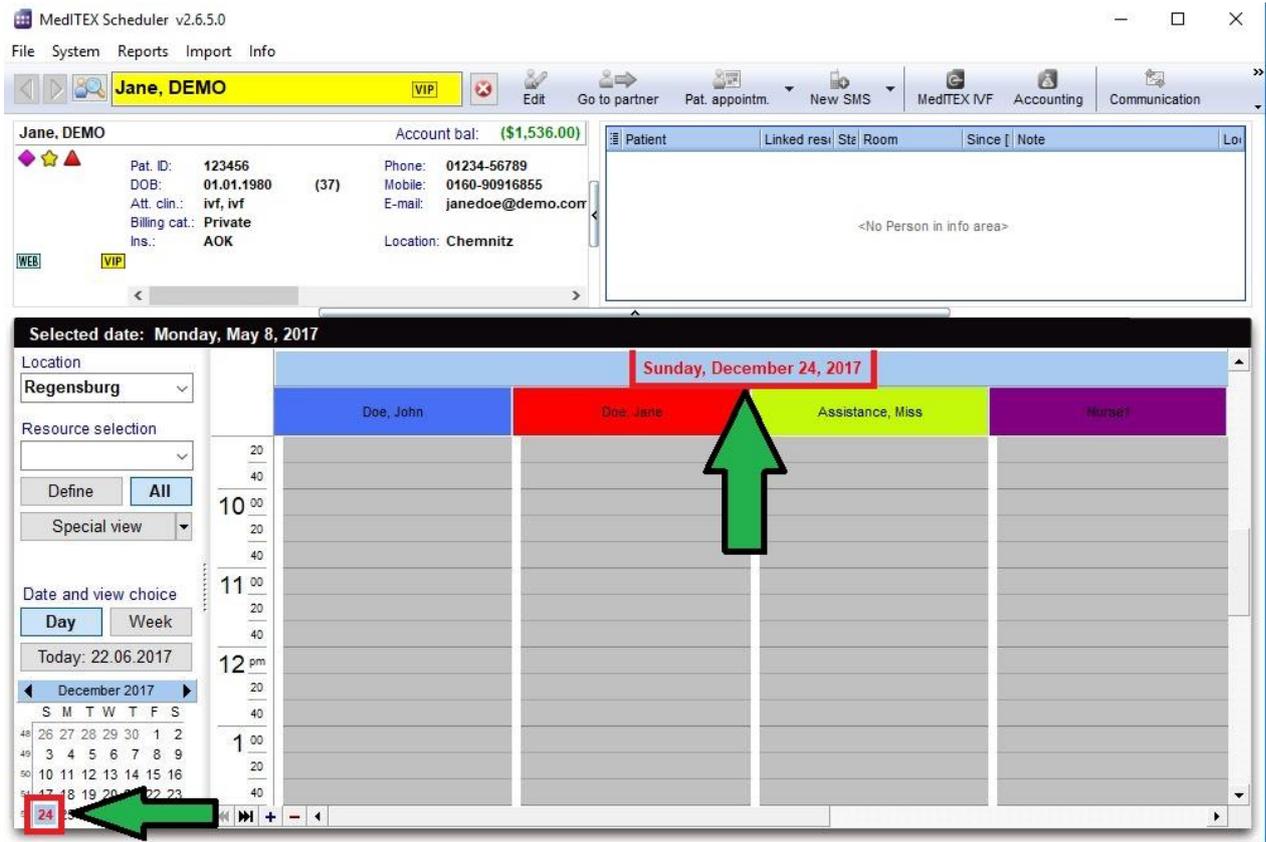
12) MedITEX Accounting

Fields of postal address are available in Address and Info in the invoice form.

13) MedITEX Scheduler

The date of defined/imported holidays or school holidays is displayed in red in the current day view.

MedITEX Release Notes



The position of the splitters for changing the size of the individual areas is stored per user.



14) MedITEX Interfaces

a. GERI, Gidget and Embryoscope

Communication with the Time Lapse Incubators GERI and Embryoscope is now possible. Currently, the patient demographics from MedITEX can be transferred in one click. The same functionality is also available for Gidget from Merck Serono.



b. DICOM

Ultrasound images without existing therapy are collected in one ultrasound treatment.

MedITEX Release Notes

Bugs

1) MedITEX IVF

a. General

MedITEX IVF no longer closes if the user session times-out. The user is logged out and the Login screen will be displayed.

Pair identification codes with leading zeros can be created again.

Most of the performance and crash problems have been fixed.

While the login window is open, e.g. After the automatic logout, MedITEX can now be minimized.

b. Cycle

It is possible to open linked documents from all areas.

When a new cycle is created, the corresponding Cycle overview is always opened.

Pregnancy ultrasound examinations, including pregnancy week, can also be documented during Inseminations and Timed-intercourse.

Several display and editing errors in culture have been fixed.

The cell stage is transmitted accordingly during a thawing cycle.

For medication order in the planned cycle, the chosen template is opened accordingly.

c. Medical history

The number of possible entries for Prior illnesses, Sterility factors and fertility impairment factors was increased.

d. Report editor

By double-clicking on an evaluation result you jump into the correct cycle of this patient.

Letters with special characters in the name can be correctly created.

e. Lab diagnostics

Fields Indication and Note are no longer overtaken in the thawed semen analysis.

In the lab order, all the labels are printed by clicking on "Print all labels".

In the multi-entry window, it is now possible to enter values without a unit.

f. Taskmanager

Performance problem in Task Manager have been corrected. Loading resources with many assigned tasks will be loaded faster.

In the footer, the display of the open tasks was extended by "current couple". This makes it possible to see whether a task has yet to be completed for the currently open couple.

g. Cryo contract management

Several fields have been blocked for editing after the creation of a cryo contract in order to prevent a subsequent change of data.

MedITEX Release Notes

2) MedITEX DocLink

Multiple logon within an import process is no longer required.

MedITEX DocLink automatically uses the currently logged on user from MedITEX IVF to log in.

3) MedITEX Administration

If a user is assigned Admin rights, they automatically get all rights for all domains, regardless of which rights they had previously.

New employees can be created and log in easily.

4) MedITEX Scheduler

Performance for loading working times and events has been improved.

5) SMS

Problems with SMS dispatch and its status messages have been fixed.

MedITEX Release Notes

Version 2.5.0

Features

3) Cryo Storage:

The Cryo storage in settings was completely revised. The new layout is more user-friendly. Errors have been corrected.

Location	Description	Type	Max. number of straws in the last level
- Standort übergreifend -	Cryo Tank 5	Inactive	6
Regensburg	Cryo Tank 0	Both genders	10
Regensburg	Cryo Tank 1	Both genders	10
Regensburg	Cryo Tank 2	Both genders	10
Regensburg	Cryo Tank 4	Both genders	5
Augsburg	Cryo Tank 3	Female	4

4) Text blocks in Note fields:

The text block functionality is available in all note fields all over the program. You can define and use text blocks with a right mouse click in the area of a note field.

With a click on "Text blocks" the window below will be opened, where you can define a new text block.

<input type="radio"/> Luteal phase	<input type="radio"/> Pregnancy	<input type="radio"/> Birth
Medic.: Progesterone OHSS:		

ty, the most serious first.

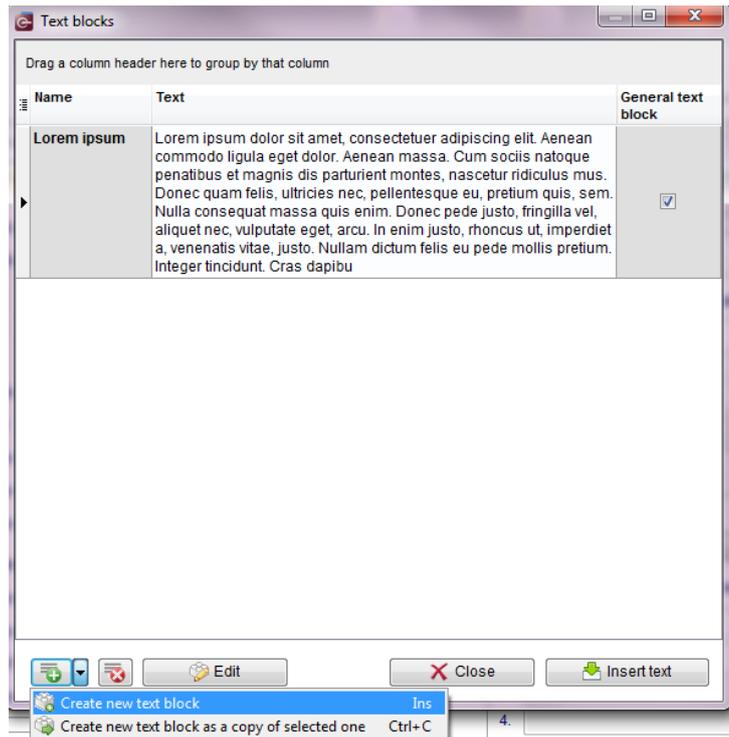
Note

- Undo
- Cut
- Copy
- Paste
- Delete
- Select all
- Text blocks** Ins
- Save text as new text block Ctrl+Ins

MedITEX Release Notes

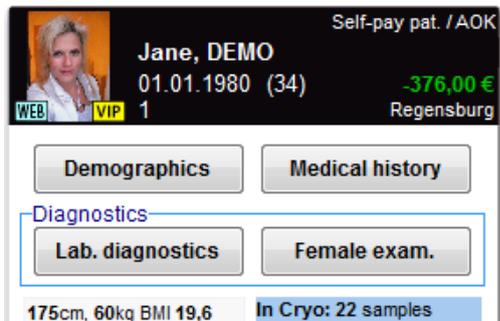
Here you can define or choose text blocks. With a double click on a line, pressing the enter key or with one click on the button "Insert text" you can insert the text into your note field.

With a checkmark at "General text block" you can also decide if your text block should be general visible or, without it, only in the defined area.



5) Consents:

There is a new section called "**Consents**" in the main window. There, the consents of the patient can be created and edited. The explanations can be universal or assigned to a specific cycle.



Messages					Lab tests					! Consents					Donor info					Referrers				
		Cy. No.		Consent name		Date																		
				General consent		17.03.2014		●																
		11		Consent for drug application		17.03.2014		📄																
		1		Consent for cryo storage		02.04.2014		✅																
				General consent		26.11.2013		✅																

You can find the management of the consents at "System" → "Configuration / administration" → "Consents management". Here, the consent templates and forms can be configured.

List of all consents							
Context	Name	Active	Mandatory	Valid from	Valid until	Template	
Demographical data	General consent	♂	☑	01.04.2013	01.04.2015	📄	✅
Laboratory	Lab consent	♂	☑	02.04.2014		📄	⚠
Cryo	Consent for cryo storage	♂	☑			📄	⚠
Cycle: Drugs	Consent for drug application	♀	☑	04.03.2013	04.03.2016	📄	✅

You can link male consents also with a cycle. Now consents can be used in planned cycles.

6) Testicular biopsy:

In the male examinations a new possibility of documentation was added "**Testicular biopsy**".

MedITEX Release Notes

Testicular biopsy - 2; John, DEMO

Testicular biopsy

Date: 01.04.2014 Time: 11:22 By: Anesthesiologist, Mr Status: Normal Abnormal

Biopsy / Histology / Evaluation Notes

Biopsy performed

By: Anesthesiologist, Mr
Structure:
Result: Hypospermatogenesis

Histological examination performed

By:
Note:
Result:

7) Lab order:

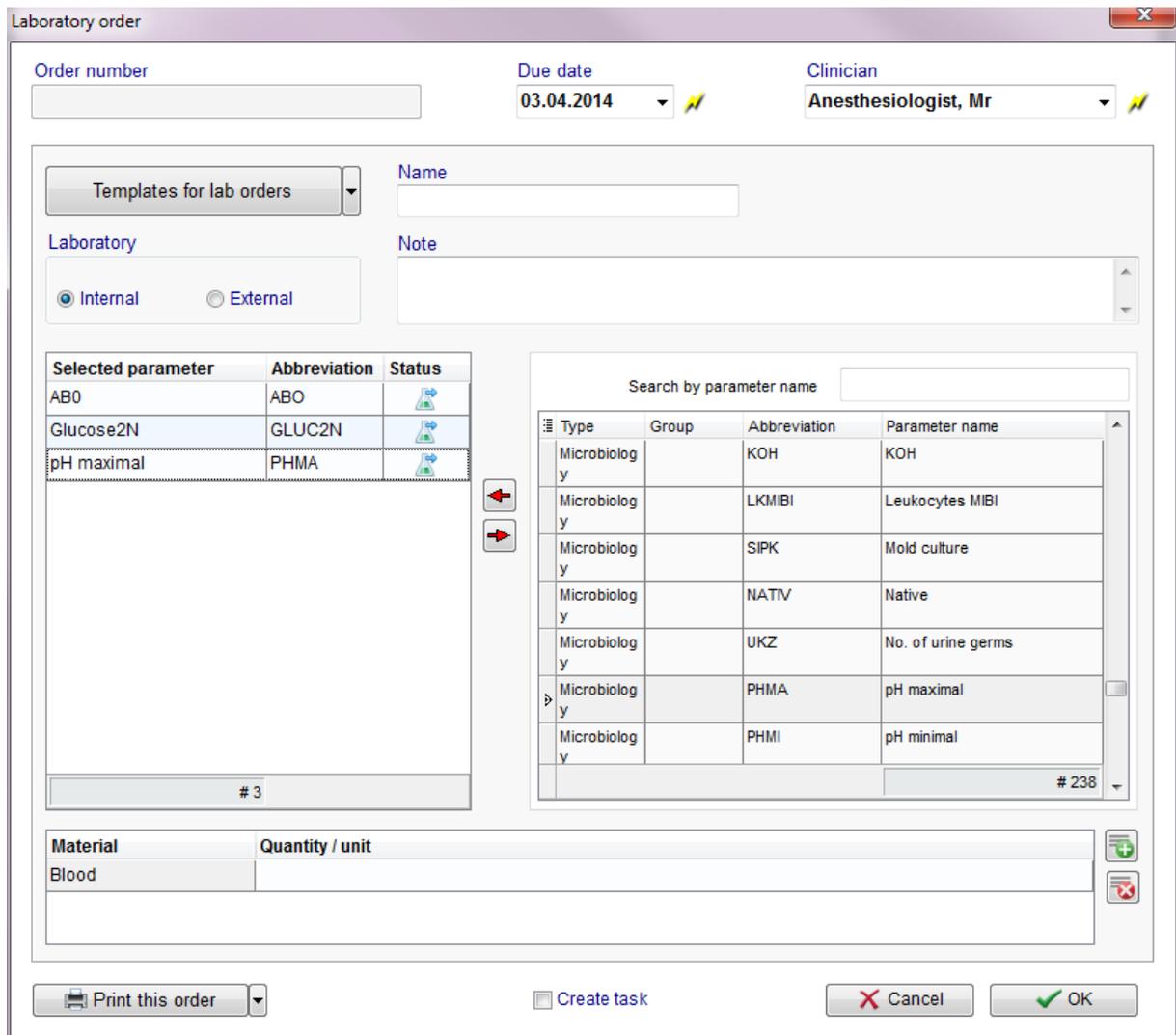
The "Lab order" section has been completely revised. Parameters can be selected and the lab orders can be printed. You can save templates with a parameter selection (multiple parameters or profiles), and create quickly more orders from these template profiles.



The laboratory orders can be opened in the "Laboratory diagnosis" and the "Cycle".

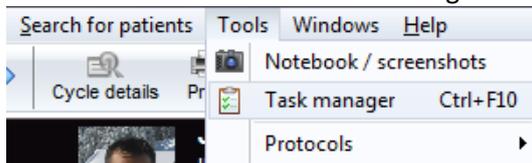
In the settings you can choose between manual or automatic generation of the order numbers.
("System" → "Configuration / administration" → "Settings" → "System" → "Functions" → "Automatic ID generation")

MedITEX Release Notes



8) Task manager:

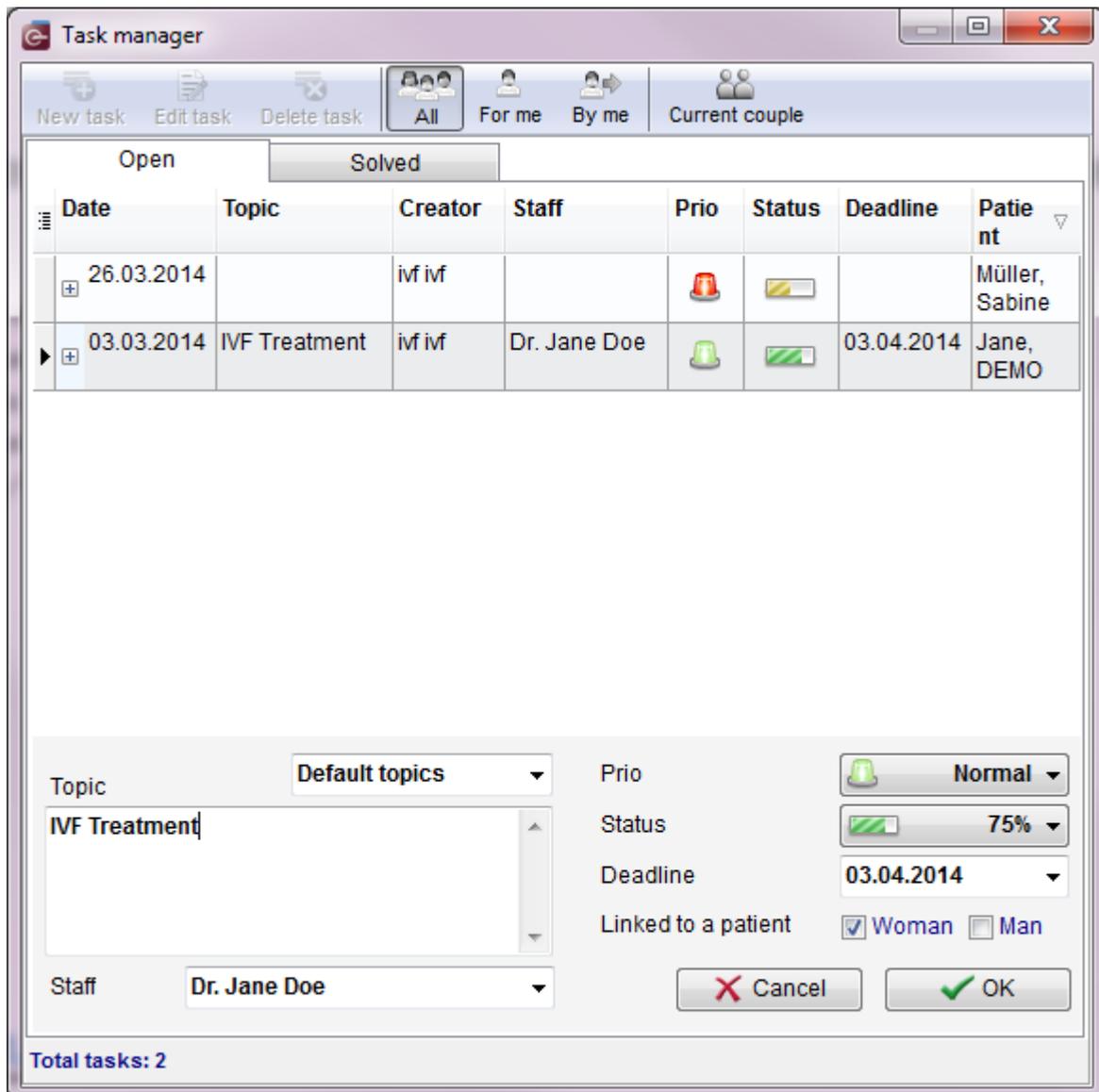
a. There is the possibility to manage tasks with a "Task manager" or to send / assign tasks and messages to users. You can find the Task manager in the menu bar, at "Tools" -> "Task manager".



b. With the "Task manager" you can define tasks for individuals, more than one user, or groups of users. The following options can be used:

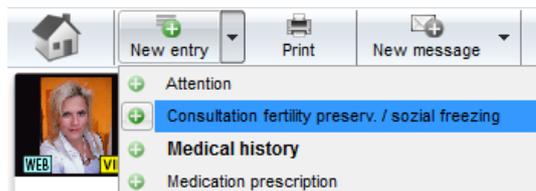
- Views: Tasks for All, the tasks I have to do, tasks that have been created by me, tasks relating to the currently open couple in MedITEX.
- Tabs: "Open" and "Solved" tasks.
- If you create a new task, you can specify several details: The priority of the task, its status, a deadline, should the task be linked to a patient, the subject and the user.
- Only the creator has the right to edit their tasks again, by a double click.
- Text templates (in the screenshot "default topics") can be preconfigured as templates in the system tables in MedITEX IVF under "Tasks".
- Open tasks are displayed in the footer of the main window of MedITEX IVF, next to your username.

MedITEX Release Notes



9) Consultation fertility preservation / social freezing:

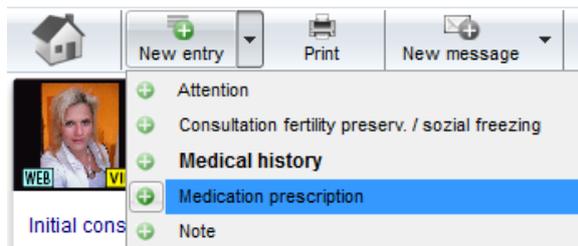
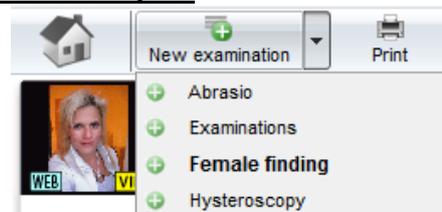
In the medical history area you will find a new entry for the consultation of **fertility preservation / social freezing**. The entries are also displayed in the main window below messages.



MedITEX Release Notes

10) Standard input mask - new fields and drug prescription outside of cycle:

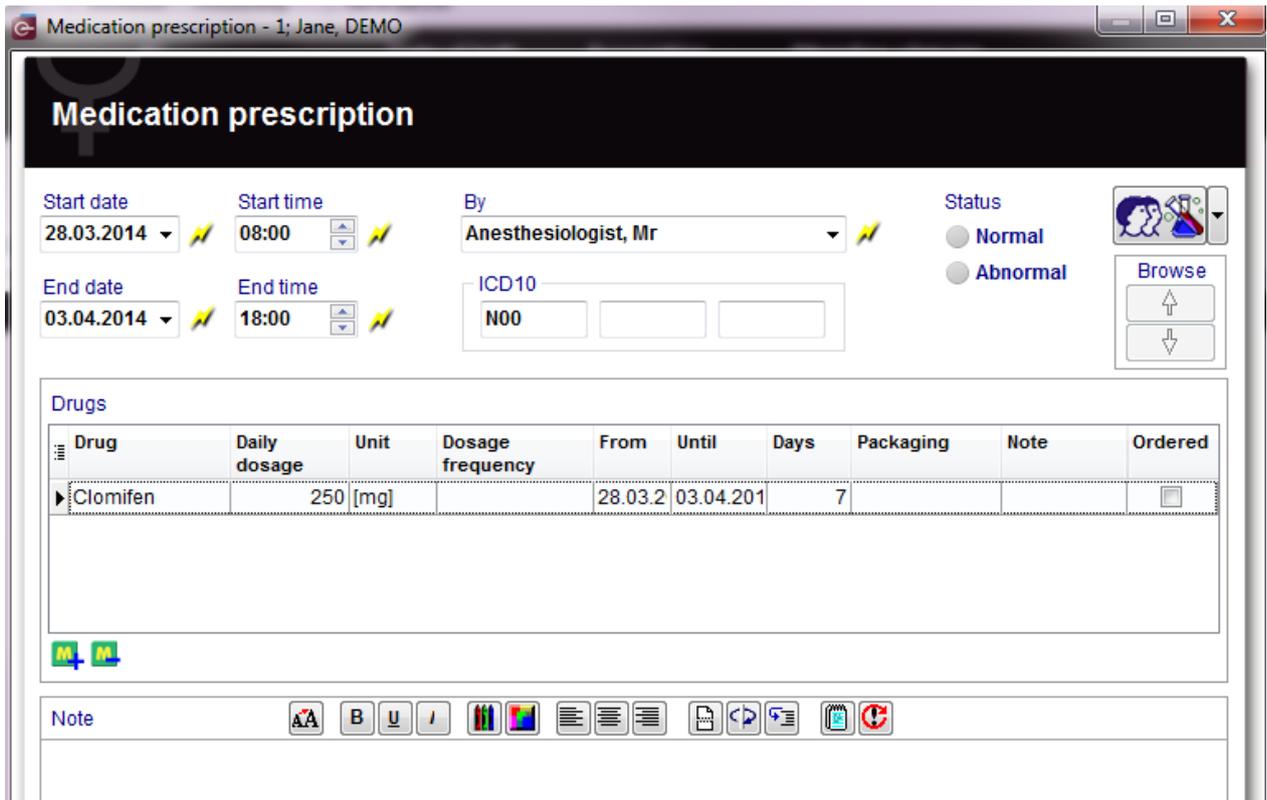
For the areas "medical history" (button "New entry") and "Examinations" (button "New examination") the standard input mask was expanded with the following fields: "**Start date**", "**End date**" and "**End time**" and three fields for **ICD10 codes** (International Statistical Classification of Diseases).



Additionally, there is now a possibility for the medical history area to unlock a section called "**Medication prescription**" in this mask (via "System settings" → "Functions" → "System tables" → "Medical history: entry type").

The entry type "**Medication prescription**" was added to the list of new entries. For this entry type the new "drugs area" is already active. This allows the entry of drugs that are issued/prescribed outside of the cycle.

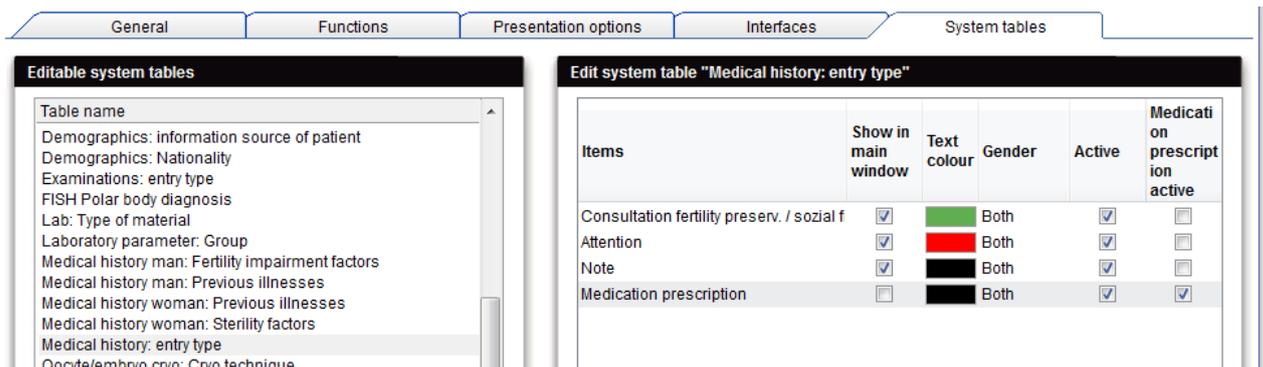
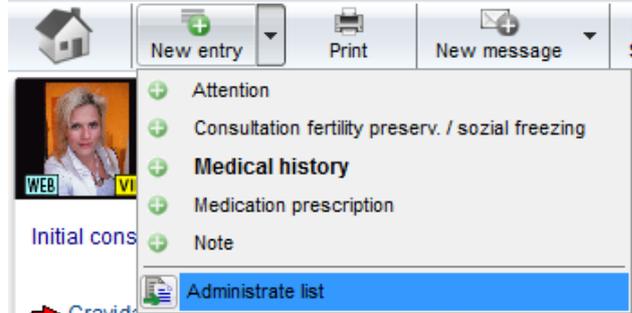
MedITEX Release Notes



11) System settings:

- a. The lists for new entries in the sections "Demographics", "Medical history" and "Examinations" can be adapted and extended.

You can choose which entries of the **medical history area** should be displayed in the main window (tab "Messages"). To achieve a better differentiation between the entry types; define for each an individual text color. These entries can be assigned to one or both gender and it is possible to give them the status "active" or "passive". Additionally, it is possible to activate the medication prescription.



MedITEX Release Notes

- b. The **batches** in "Materials management" section each material can be assigned to a specific package content / amount (batch). You can also set a value above which a warning should appear (for possibly re-ordering).

Material

Edit batch

Group Plastic
Manufacturer GPS
Article 16W

Use at location
Regensburg

Batch

Batch can be used

Description
Plastic_001

Batch released
from: 01.09.2013
until: 01.04.2014

Note

Package content (number)
10

Warn if less than (number)
3

Matchcode

Cancel OK

12) LDT-Importer:

- a. It is possible to assign **lab data** at the import to the right patient, using the order number.
- b. **Referring clinicians** can now be imported with the LDTImporter.

13) Data changes:

In the section of data changes, the column "**Previous value**" was supplemented added. So you can not only monitor which users have made an data change, you can also see the previous value (data entry) before the change.

14) Cycle:

- a. New checkboxes were added in the cycle details.

Cycle - 1; Jane, DEMO

Jane, DEMO 01.01.1980 (34) **John, DEMO** 12.03.1975 (39) Location

General Additional measures PBD Indication PGD Indication

Treatment ICSI

IVM Fertility preservation
 IMSI Social egg freezing

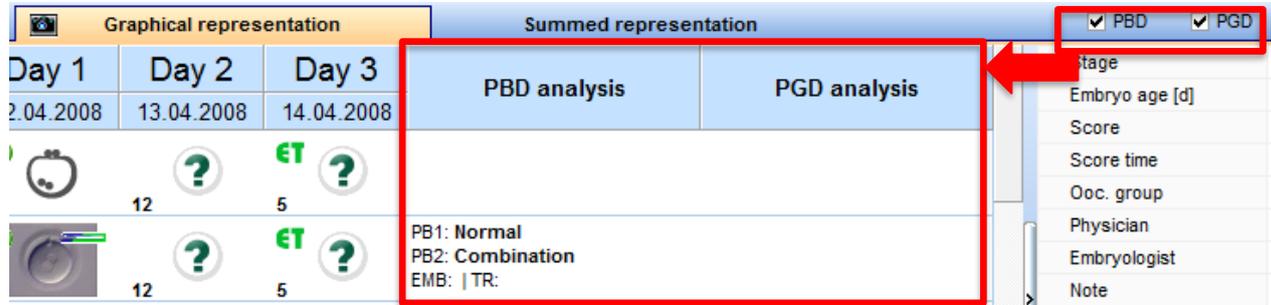
The selection choices "**IMSI**" and "**Social egg freezing**" are new. "**IVM**" and "**Fertility preservation**" were relocated.

MedITEX Release Notes

b. Registered additional measures will be displayed in the overview area within a cycle.

15) Culture:

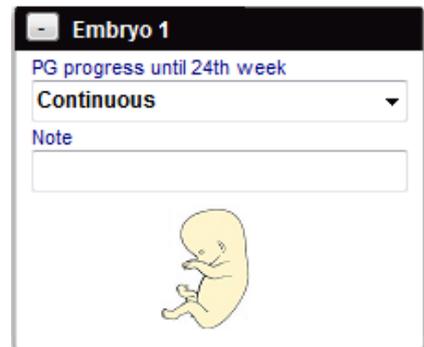
a. In the settings you can define if the **PBD** and **PGD** analysis is performed in your clinic. Accordingly you can activate the columns with the check boxes "PBD" and "PGD" in the graphical representation. This can be decided for each individual culture/cycle.



b. In the window "Oocyte / embryo details" (double click on one cell) the tab "Classification" was added.

16) Pregnancy:

In the clinical pregnancy, there is now a **note field** for each foetus.



17) Pictures:

a. Patient images can be enlarged by double click.

b. Pictures of patients in the demographics, images of embryos in culture and ultrasound images can be easily added by drag and drop.

18) Planned cycles:

The field "Long-term medication" is now also available in the planned cycle.

19) Treatment sheet:

a. The field "Long-term medication" was added into the default treatment sheets.

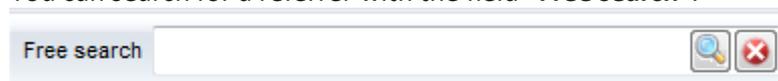
b. Additional measures are now displayed in the default treatment sheets.

20) Referrer:

a. You can create **labels** directly in the referrer area with the button "Print labels".

b. The **search** in the referrer list is easier now.

c. You can search for a referrer with the field "Free search".

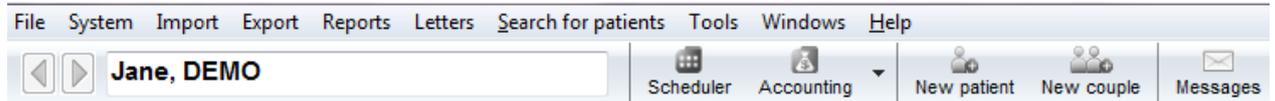


MedITEX Release Notes

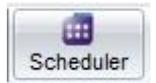
- d. If the referrer area is locked, the fields "Free search", the "New referrer"-button and the Online-help are still useable. You can also open referrer letters, but changes will not be saved.

21) Start mask:

- a. You find the **patient search** in the left upper corner.



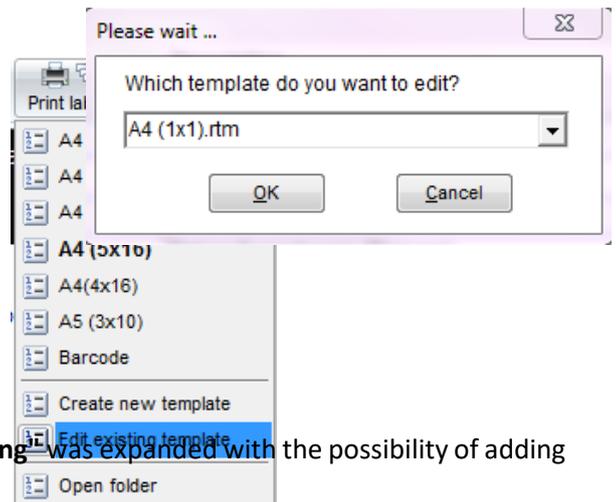
- b. Current open patients can be opened directly in MedITEX Scheduler from MedITEX IVF. For this you have to push the **"Scheduler" button** in MedITEX IVF in the toolbar.



- c. You can clear the messages of the "Messages" area with the delete key of your keyboard.

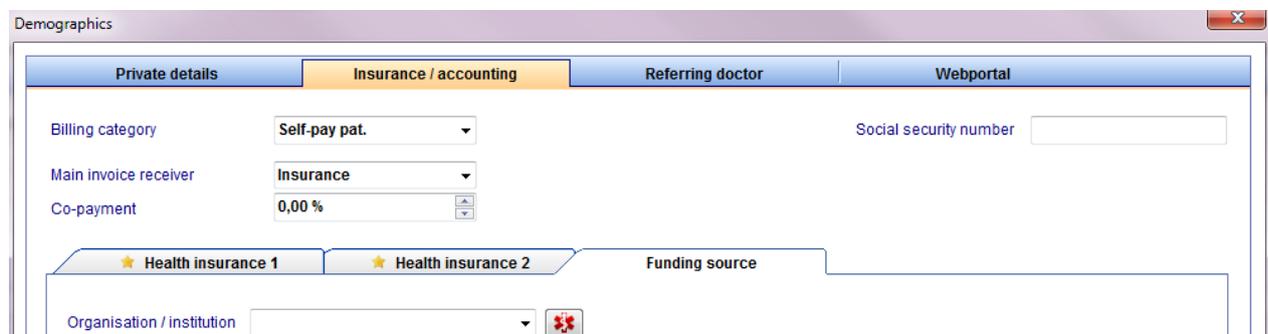
22) Demographics male/female:

Already existing label templates can be selected and edited with above the toolbar button **"Print Labels" – "Edit existing template"**.



23) Demographic details:

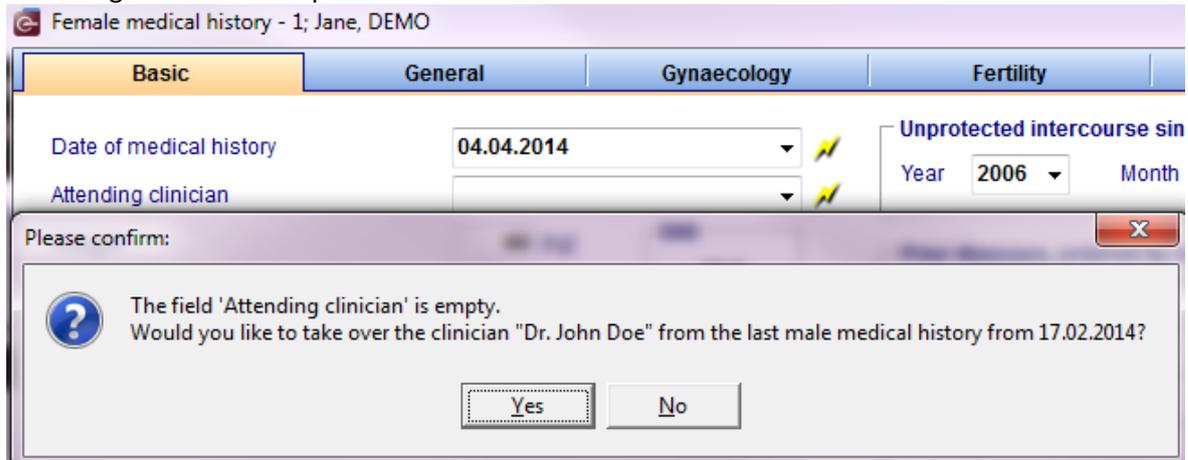
- a. In the demographics the section **"Insurance / accounting"** was expanded with the possibility of adding a second **"Health insurance"** and a **"Funding source"**.
- b. The field **"Social security number"** has been added.



MedITEX Release Notes

24) Medical history male/female:

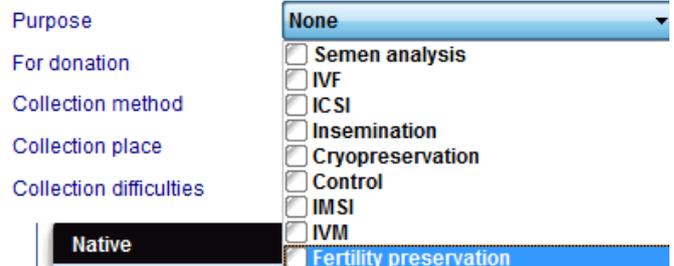
- a. If you save a medical history and the field "Attending clinician" is empty, you will be asked if the attending clinician of the partner should be entered.



- b. In the tab "General" the section "**Smoking / Alcohol / Drugs**" was added.
- c. Some fields were added in the area of medical history. A third tab, called "Genetic / Opinion" was added to the male medical history.

25) Semen analysis:

- a. At the selection list of the field "Purpose" the following 3 entries were added: "**IMSI**", "**IVM**" and "**Fertility preservation**".



- b. Liquefaction time is automatically calculated by clicking on the **flash**.

Viscosity

Liquefaction time [min] Agglutination

Treatment

Score

- c. The choices for the field "**Collection place**" can be edited and expanded by the users. For this purpose, the collection place is offered as a system table in the system settings.

- d. At "System" → "Configuration / administration" → "Settings" → "System" → "Functions" → "Semen analysis" you can define how the values in the sperm calculator should be rounded.
- e. The volume of a semen analysis can be bigger than 100 ml.
- f. In the "System settings" at "Functions" → "Semen analysis" can be defined if you would use the **WHO guideline [A + B]** in the semen analysis.

MedITEX Release Notes

File System Import Export Reports Letters Search for patients Tools Windows Help Admintools

Home **Settings**

Clinic **System** Drugs Material Lab Cryo storage

General Functions Presentation options Interfaces

General Automatic ID ge... Report editor **Semen analysis** Cycle Cryo contracts ...

Use WHO guide [A+B]

After preparation

Round cells [10⁶/ml]

Motility

WHO AB [%]

WHO C [%]

WHO D [%]

If you activate [A+B], you can see it in the semen analysis mask.

26) Cryo storage:

- In the "System settings" at the section "Cryo storage" you can specify an **upper limit** for the maximum straws in the last storage level. This is also taken into account during freezing. If an allocation level is "full", nothing can be frozen there. This is also considered when searching for free storage places.
- You can assign the storage places to **different locations** in the settings (if your clinic has multiple locations..
- Cryo storage of a **donor**: You can identify reserved material easier.

Storage dimensioning

Location München

Cryo container

Cryo Tank 1

Cryo Tank 3

Description

Cryo Tank 3

Type

Ooc. / emb. Sperm

Tray1

A

B

Tray2

1

2

Max. number of straws in the last level 4

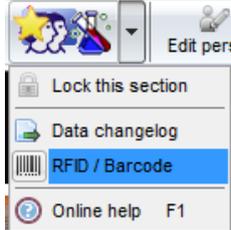
MedITEX Release Notes

27) Cryo male/female:

You can add a **time** to the freezing and thawing date in the input mask.

28) RFID / Barcode:

a. With the **QM drop-down button** barcodes can be generated quick and easy.



b. Now, you can change the barcode generation so that only the patient ID is encoded. This setting can be found at:

"System" → "Configuration / administration" → "Settings" → "System" → "Functions" → "General".
In this area you can also change the default template for the **RFID / barcode label printing**.

29) Plausibility messages:

In the table of the plausibility messages, you can see more details in the new column "**Context**" to the right.

30) Plausibility lights:

To facilitate working with MedITEX for users with **red-green deficiency** the plausibility traffic lights of the whole program were supplemented with check marks or exclamation marks.

Children	Cyc.	Med.	Pro.	Note	
[1]	!	✓	👍		🔒
	!	✓	👍		🔒
	!	✓	👍		🔒

31) Report editor:

a. In the table "Cycle" you can choose a **date** for the fields of the **last hormone values**.

b. In the result window you can define, which columns you will see. So you can take a look at single columns or print your selection.

c. You can find the fields of the form "**Consultation fertility preservation / social freezing**" under "Examinations / Medical histories".

d. The following fields have been added:

- Cycle: Date of triggering
- Cycle medication: Dosage, Start date, End date
- Lab: last AMH value

32) MedITEX KPI:

a. If you make a **right click** on the KPI selection (the large column to the left), the associated **description** is displayed.

b. The **grouping area** has been extended with the point's **stimulation protocol, drugs** and **location**. You can choose a maximum of two grouping parameters.

MedITEX Release Notes

- c. The result window in the tab "Table" has been extended with a **detailed table**. Open it via the "**Details**" button in the toolbar, with a double click on a result row in the left table or by clicking on the splitter.

The screenshot shows the MedITEX software interface. At the top, there is a toolbar with various icons. The 'Details' icon, which looks like a document with a magnifying glass, is highlighted with a red box. Below the toolbar, there are two tabs: 'Chart' and 'Table'. The 'Table' tab is active. The main area displays a table titled 'MII rate' with the following data:

Value (%)	Value (absolute)	Value (total)	# cycles
20,30	30	148	29
	30	148	29

To the right of this table is a detailed table with the following data:

Patient ID	No. of cycle	Reference da	Treatment
12389	4	01.03.2013	ICSI
111111	4	03.01.2013	ICSI
123456789	2	18.11.2011	IVF
3434	12	27.03.2014	Only aspir
3434	10	21.03.2014	ICSI
12389	5	01.04.2013	ICSI
3434	4	18.03.2014	IVF,ICSI
12389	6	01.03.2013	ICSI
12389	7	01.03.2013	ICSI
		# 29	

33) MedITEX Administration:

- a. If you have **several locations**, there is now the ability in the rights management to choose if the user can **open patient data** only from their own location or have access to all locations.

If users are assigned to a location the user will also be filtered based on the user location.

- b. Administrators can specify whether and when the **validity of the password** of a user expires. After the expiration date, the user is prompted on login to enter a new, never used password.
- c. User names can be up to 10 characters long.
- d. Additionally to the rights management in the area of "rights assignment" you can also set rights for the unlocking of data. By a right-clicking on the desired area a submenu is displayed in which you can choose between three options:

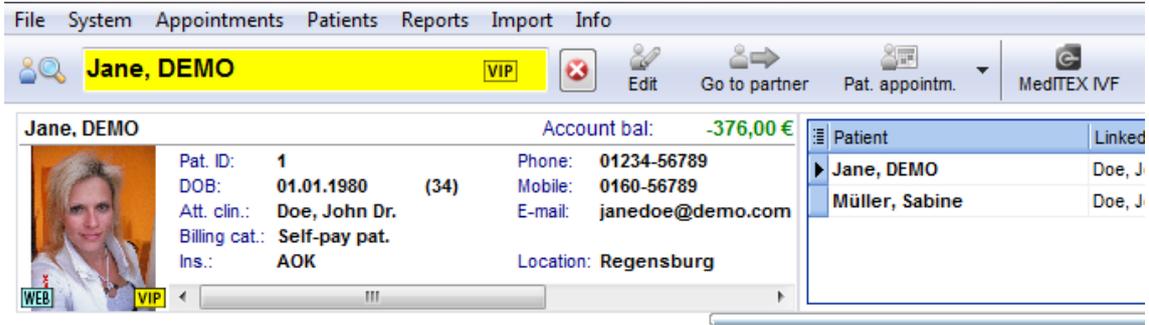
The screenshot shows the rights management interface. At the top, there is a dropdown menu for 'Location' set to 'Regensburg'. Below it, there are radio buttons for 'own location' (selected) and 'all locations'. A right-click context menu is open over a table, showing options for 'Full access for whole section including subsections', 'Read right for whole section including all subsections', and 'No access for whole section including all subsections'. The first three options are highlighted with a red box.

MedITEX Release Notes

- The user (group) can unlock all data
- The user (group) can only unlock own locked data
- The user (group) can unlock no data

34) MedITEX Scheduler:

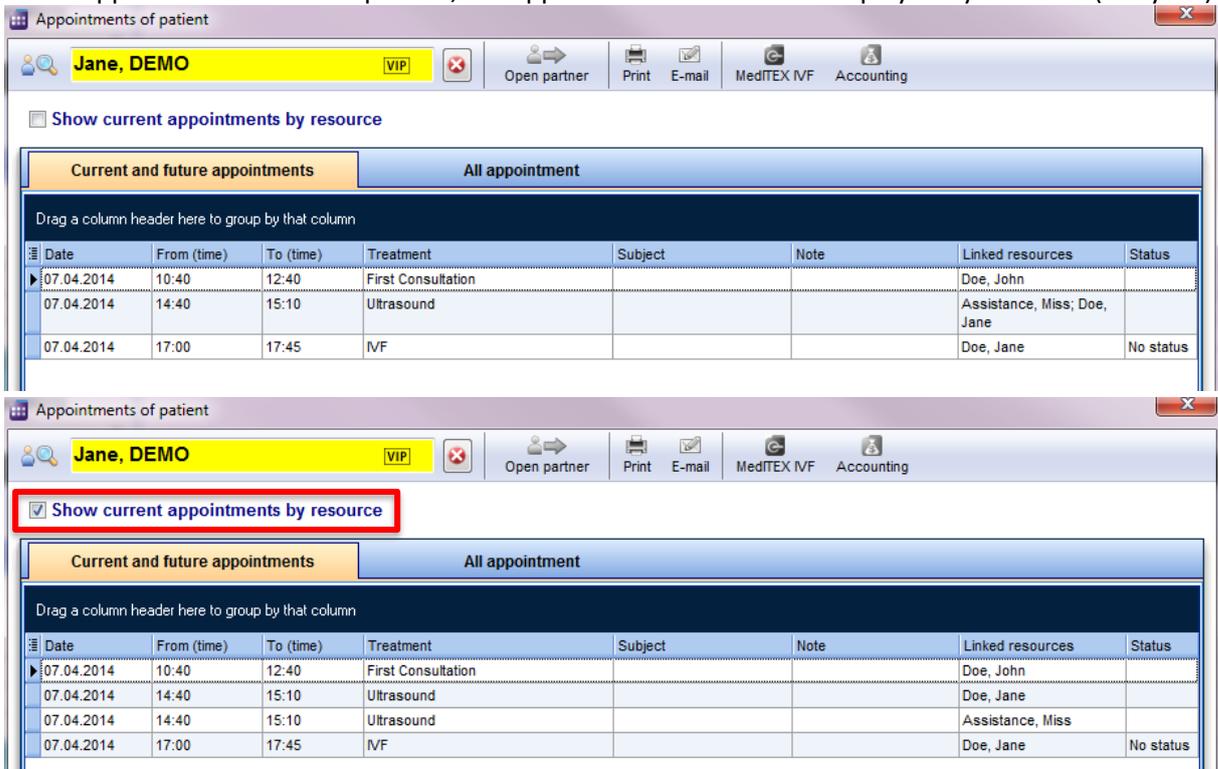
a. In the upper left corner of the main window you can find the most important patient information.



b. Now you can define **different locations** in the scheduler. Calendar, treatments and patients can be assigned and filtered by location.

c. You have two new status possibilities on an appointment (for the right mouse click): no answer, confirmed appointment.

d. In the appointment list of the patient, the appointments can also be displayed by resource (diary list).

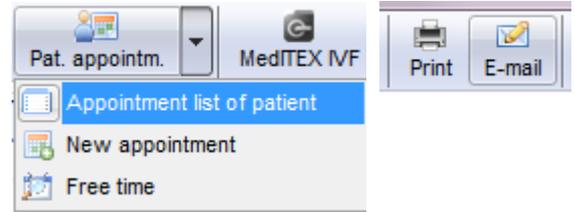


e. Also new is the ability to send appointments or whole entire lists by **e-mail**. However, this function is only applicable if an appropriate e-mail program is installed on the computer.

MedITEX Release Notes

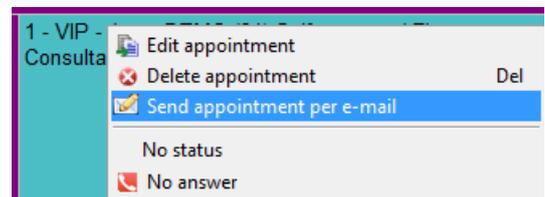
To send a single appointment, simply make a right click on the appropriate date and choose "Send appointment via e-mail".

To send an appointment list, select in the toolbar "Pat. appointm." → "Appointment list of patient" and then click on the "E-Mail" button in the toolbar.



f. In the settings at the tab "Treatments" you can define, if the treatments should be sorted alphabetically in the appointment detail mask.

g. When you create a calendar with selected staff, the color of the selected person is taken if no color has been entered for this employee.



35) MedITEX DocLink:

You can transfer **patient images** into MedITEX IVF with the second button in MedITEX DocLink.

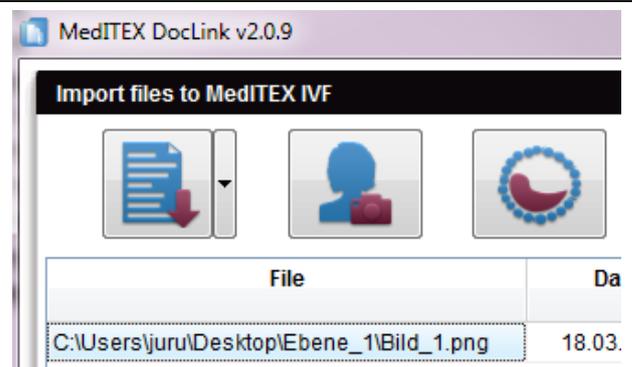
36) MedITEX Accounting:

There is a new program "MedITEX Accounting", which can be used for invoicing.

Bugs

1) Cycle:

- In the cycle details the calculator function to compute the LMP date is always available.
- The data of the cycle overview will be updated immediately.
- The cycle overview displays what was actually transferred and not was available for transfer.
- Planned ultrasound examinations can be deleted later in cycle again.
- The "last bHCG value" is displayed correctly in the pregnancy mask.
- The traffic light for "birth" in cycle overview will be only green when data is entered for a child.

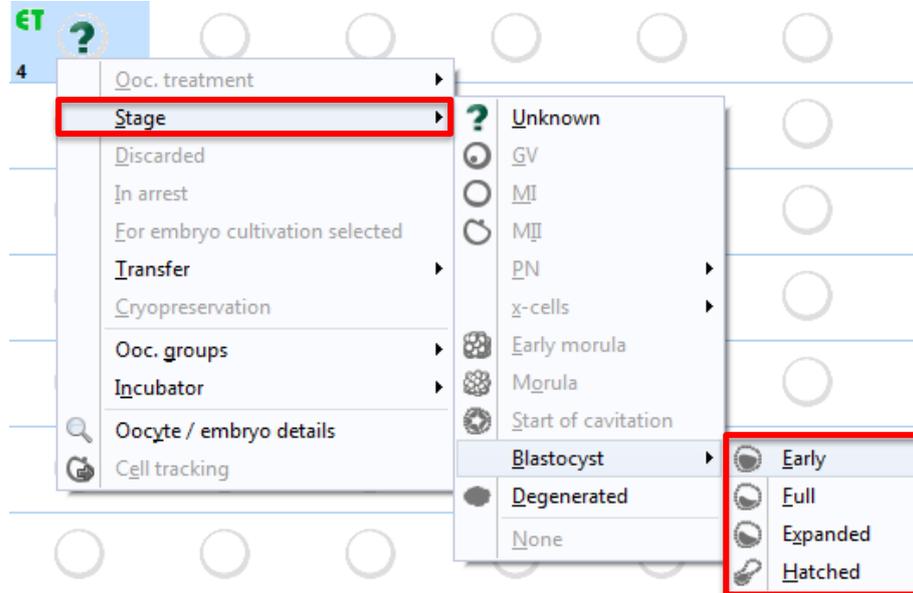


MedITEX Release Notes

- g. The number of children is properly displayed again at the main window in cycle overview.

2) Culture:

- a. The order of the stages of the blastocyst has been corrected.



- b. The number of transferred embryos in a thaw cycle now is complete the same in the table and graphical representation.
- c. The maximum number of embryos per transfer was revised. No error message occurs again.
- d. Treatment semen analysis in the culture:
For the selection for the semen analysis you can use also a sample from the "Cryo storage" that is not linked to a semen analysis. Because after choosing a sample, a new semen analysis with the thawing date immediately will be created, which is linked as a treatment semen analysis. This is also possible with cryo samples from a donor.

3) Cryo contracts and accounting:

- a. The residual material in "Cryo contracts and accounting" will be indicated correctly.
- b. The months in the invoice title will now be correctly determined.

- 4) Using the "Search" button in the "Cryo storage" you can search for available/free storage places.

- 5) In the section "Lists" the number of filtered documents is displayed in the footer.

- 6) If you have several locations, personnel lists are filtered by user corresponding to the location set for each user.

- 7) When you are thawing a semen analysis, the validity of the charges in the QM fields depends on the thawing date.

MedITEX Release Notes

- 8) In the patients' search the actually searched patient is displayed, regardless in which view you are.
- 9) **Report editor:**
- a. Now you have the possibility to create reports / evaluations about incubators.
 - b. Cycles with "fertility preservation" and "ovarian tissue cryopreservation" can be evaluated now.
 - c. You can create queries for all newly created entries for findings.
 - d. Date fields can be grouped by month and year. In addition, the format of these fields is free selectable now.
- 10) Lab values can be imported error-free with the LDTImporter.
- 11) The field "Previous pregnancies" is displayed correctly again in the "Cycle summary".
- 12) Now the plausibility messages are running faster than before.
- 13) QM fields for free text in the letter generation can be used again without automatic line break.
- 14) If you start MedITEX KPI (Key Performance Indicators MedITEX) the first time, it works correctly.
- 15) **Medical history:**
- a. In the findings mask the correct descriptions of the respective findings are displayed again.
 - b. After changing the user, the field of the attending clinician in the findings mask is filled again.
- 16) In the semen analysis list you can activate a column called "Notes".
- 17) **MedITEX Scheduler:**
- a. More patient appointments in which no patient is linked (e.g., because it is a new patient who is not yet in the system) can be "seated the waiting room".
 - b. The font size of the appointments in the calendar can be customized in the settings.
 - c. If one possesses the right "Change PatientID", this can also be applied in the scheduler.
 - d. Treatments can be assigned to different locations.
 - e. You can't delete a patient who already has appointment entries.

MedITEX Release Notes

Version 2.0.2

Features

1) Online Help:

From every section of MedITEX IVF it is now possible to access the corresponding online help. Just press "F1" or click on the appropriate link in QM button submenu.

2) User-specific language setting:

Each user can now define its own program interface language. Via the menu "System" -> "Configuration / administration" -> "Personal Settings" it is now possible to choose between all languages available in MedITEX. Field contents will however still be displayed in the system (default) language.

3) Patient search:

Patients can now be searched for using home and cell phone number.

4) Start mask:

You can now use two controllers to individually change the division of the start screen. Especially with large displays it enables more information to be viewed at once, such as the overview of recent medical history or the messages.

The screenshot displays the MedITEX IVF v2.5.0 software interface. The top menu bar includes File, System, Import, Export, Reports, Letters, Search for patients, Tools, Windows, Help, and Admintools. The main window is divided into several sections:

- Left Panel (Jane, DEMO):** Contains demographic and medical history information. Demographics: Jane, DEMO, 01.01.1980 (34), 1.488,44 € Regensburg. Medical history: In Cryo: 12 samples, Ooc.(3); PN(11); Emb(5). Initial cons.: 01.03.2008, M.hist.: 06.03.2013. Att. clinician: Doe, John Dr. Healthy: No. Pretreat: OP 1 OVIUI 2. Prev. ill.: Nicotine intake, Diabetes mellitus. Indic.: Endometriosis. Potential indic.: Endometriosis. Chromos.: Positive findings. CFTR: Not determined. Fallopian patency: Yes(r) No(l) 2007. Unprotected intercourse since: May 2006. Needs: Sperm donor.
- Center Panel:** A table of messages and lab tests. The table has columns for Date, Type, Message, and Status. A green arrow points to the 'Attention' column, and another points to the 'Message' column. A green box highlights the bottom of the table.
- Right Panel (John, DEMO):** Contains demographic and medical history information. Demographics: John, DEMO, 01.01.1980 (34), 0,00 € Regensburg. Medical history: In Cryo: 11 Samples. Initial cons.: 01.03.2008, M.hist.: 05.07.2013. Att. clinician: Doe, John Dr. Healthy: No. #PPG: 0. Prev. ill.: Severe allergy (medication necessary). Indic.: Impaired spermogram. Chromos.: Not performed. CFTR: Not specified. Med opinion / note: Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec.
- Bottom Panel (Overview):** A table showing cycle details. The table has columns for No., Start, Treatment, Partner, Sperm, Stimulation, Cycle, Cryo, PG, Children, Cyc., Med., Pro., and Note. The first row shows cycle 13 starting on 13.11.2013, IVF treatment, John, DEMO partner, Donor sperm, FA 25.11.2013: 4 Ooc stimulation, 4 PN Cryo, and None PG. The overall plausibility is indicated as 1.

At the bottom of the window, the status bar shows: Clinic: CRITEX GmbH, User: ivf, ivf, Open tasks: 3 (1 unread), and the date/time: Fr 11 Apr 2014 12:31:41.

MedITEX Release Notes

5) Patients referrer:

In MedITEX main page a new tab sheet "Referrer" was introduced, for both woman and her partner. The tab sheet will be shown if there is at least one referrer associated to the patient, and contains name, contact and note data of all (up to three) associated referrers. The data can be copied to clipboard and used in other windows programs.

Messages				Lab tests				Donor info				Referrers			
Name		Clinic		Contacts		Note									
Dr. Any Where		Anystreet No. 2 Anytown		01234-56789 01234-567890 hno@praxis.net		Lorem ipsum Aenean com natoque pena ridiculus mus.									
Dr. Steven		Dr. Stone and Partner 144 Dix Street				Lorem ipsum Aenean com									

6) Semen analysis:

In addition to the motility counter two new keyboard counters have been introduced, for sperm concentration and morphology properties.

The screenshot displays the 'Semen analysis - 2; Dr. John, DEMO' window. It includes fields for Collection date (14.02.2013), Thawing date, Sample ID (98787987), Purpose (IVF, ICSI), and various analysis parameters. Overlaid windows include:

- WHO sperm morphology counter:** A window for entering morphology data, with a 'Keyboard - mor' button highlighted.
- Morphology counter:** A window for entering sperm count data, showing 'Normal forms' (7) and 'Abnormal forms' (8) buttons, and a 'Sperm counter' configuration window with a grid of buttons (0-9) and a 'Take over' button.

7) Sperm thawing:

Thaw a sperm sample by creating a new semen analysis directly. The collection and thawing date will be filled out automatically.

The screenshot shows the 'Semen analysis - 2; Dr. John, DEMO' window. A green arrow points to the 'Thaw from cryo storage' button, which is highlighted with a green box. The button is located in the bottom right corner of the main window.

MedITEX Release Notes

8) Lists:

For better clinical organization the new list "Anticipated aspirations" has been introduced (available over the menu "Reports" → "Lists"). The list contains all cycles that have not been cancelled and the aspiration has not yet been performed. The expected aspiration date and the calendar week are calculated as: start date of stimulation + 13 days. The list contains all planned cycles also, based on the "Planned stimulation start" date.

9) Faster input:

Every personal field is now possible to quickly fill in with your name by clicking on the lightning button to the right. It works however only if your name is present in the drop-down list.

Operating clinician	Limberg, Susanne	⚡
Embryologist	Kern, Jana	⚡

10) Long-term medication:

New field was added in 'Cycle details' mask. It can also be seen from cycle overview.

The screenshot shows the 'Cycle - 1; Dr. Jane, DEMO' mask. The 'Long-term medication' field is highlighted with a green box and contains the text 'Euthyrox'. A green arrow points from this field to the 'Cycle overview' panel on the right, which also displays 'Long-term medication: Euthyrox'.

Bugs

- 1) The additional information fields of follicle aspiration are also available in report editor.
- 2) Semen used for treatment in the culture section:
 - a. If several cryo samples of the same semen have been thawed, the line "Treatments and semen analysis" in the culture will be correctly displayed.
 - b. If the thaw was directly documented via the "Treatment semen analysis", the selected semen analysis is immediately linked to the cycle.
- 3) QM fields of cryo data can be edited as usual.

MedITEX Release Notes

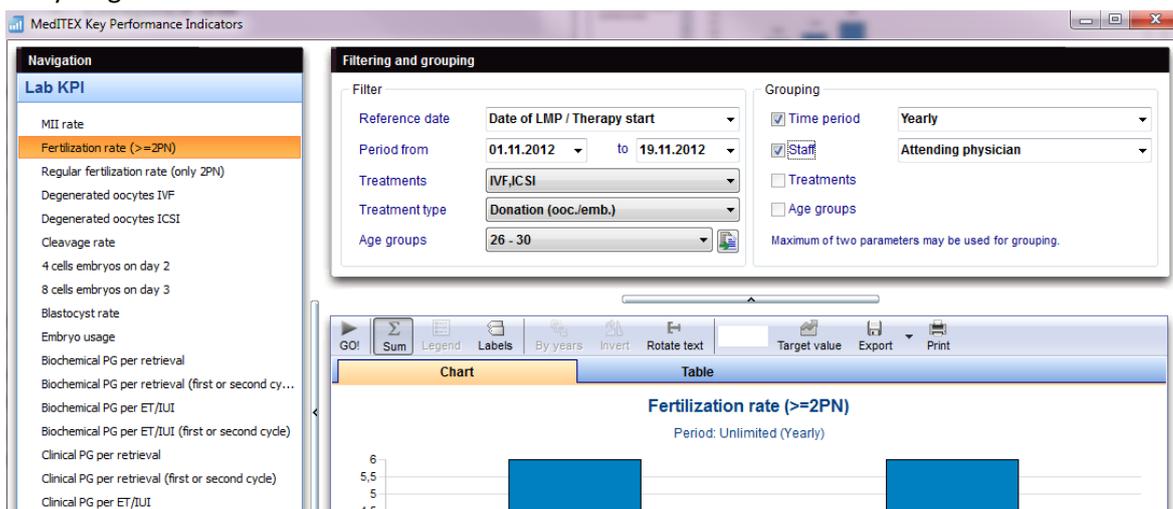
4) Locked records can neither be changed nor deleted.

Version 2.0

Features

1) New modules:

- a. The new tool **MedITEX KPI - Key Performance Indicators** – integrates, in the background of your system, different data sources (Lab, Cryo, Management, etc...) and allows various statistical analyzes in real time. It recognizes progress, but most importantly, it identifies setbacks in their early stage.



➔ Follow this [link](#) to learn more about it.

- b. **MedITEX Administration** is another new module, which centralizes the management of users, data, and database maintenance. It allows administrators to create, delete and edit users, their permissions and members in self-defined groups.

Title	Name	Username	Colour	Login Me	Login Mec	Admin	View dor	Activat	Change	Externa	Active	Clinicic	Embryo	OP	Regist	Lab	Docum	Nurse
Anesthesiologist, Mr		user78		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Assistance, Miss		user77		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Dewar, Lucas		lf		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Dr.	Doe, Jane	user75		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Dr.	Doe, John	user74		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

➔ Detailed information is available [here](#).

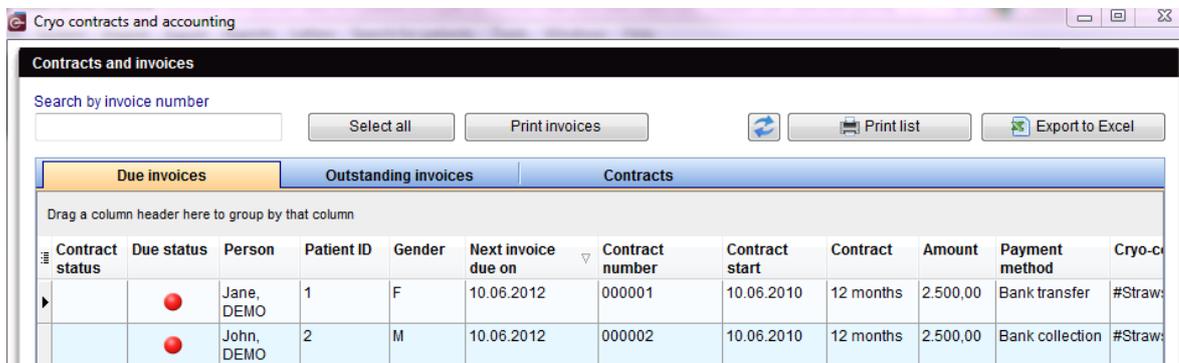
- c. The new module **MedITEX DocLink** allows for a quick and easy importing of documents, pictures and various files in the different areas of MedITEX IVF. The imported files can either be sent with a right-click of the mouse to MedITEX DocLink or can be dragged and dropped into an opened MedITEX DocLink window.

➔ Click [here](#) to read more details.

2) General Functions:

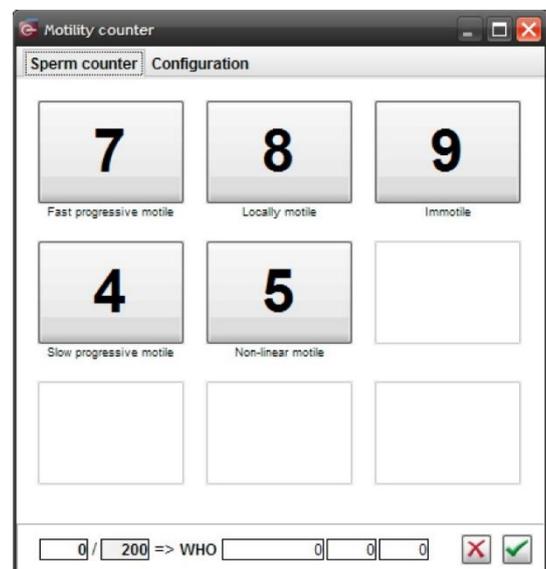
MedITEX Release Notes

- a. Through the new feature **Cryo contract and accounting**, you can create with just a few mouse clicks, cryo contracts, invoices, lists of overdue invoices and reminders, as well as managing and printing them.



→ Please follow [this link](#) to learn more about this important MedITEX functionality.

- b. With the new **Motility Counter** it is not possible to count different categories of motile sperms directly from MedITEX. Just use the numeric keys on your keyboard – or an extra numeric pad connected over USB port to a computer – to count Progressive- Motile, Non-Progressive motile and immotile sperms and obtain total counts and percentage values in MedITEX automatically.



Fully configurable, the new Sperm Motility Counter allows each user to define personal keyboard layout. Counting range is set by default to 200 and can also be adjusted individually.

→ Detailed information about new Motility Counter is available [here](#).

- c. In the new view **Cycle Summary**, all relevant data of a patient or a couple are shown. If the user has the right permissions, it can the layout of the list.
- Find out more [here](#), about MedITEX Cycle Summary.

- d. In demographics, medical history, lab. diagnostics and examinations, the attending physician (agent in carrying out medical history last) will now appear to the right of the accounting type.

- e. New feature enables **SMS notification**. Using a Skype account, send SMS from MedITEX to patients. This option is in the menu bar placed in "New Message".



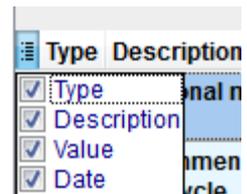
→ Click [here](#) to get more information about.

MedITEX Release Notes

- f. The mobile number of the patient was added to the description box (in gray).
- g. Abortions are indicated in the therapy summary (start screen) in the column "children".
- h. Auto-complete for Username at the Login window and selection of users.
- i. It is possible for every employee to set the colour that will represent his/her activities throughout the program.
- j. The picture of the patient can be enlarged in every area of the program by double-clicking it.

3) Medical history:

- a. Supplement in the mask of the medical history of the woman: data on births (gravida/para) were extended with abortions, induced abortions and Ectopic pregnancies.
- b. Additional free text fields were introduced in medical history:
 - i. Sterility factors of the female.
 - ii. Previous illnesses of the male.
 - iii. Fertility impairment factors of the male.
 - iv. All fields have the option of auto-complete.
 - v. Free field "Medical reports / Remarks".
- c. Options added and changed to the "Menstruation" area at the "General" tab.
- d. In the "Med. history" button on the male, in the second tab under "Performed treatment", the fields Anti-inflammatory actions, Hormonal treatment and Surgical will only accept a year value.



4) QM/Free fields:

- a. Any user can choose in the QM/free fields, which columns should be displayed. The configuration of each user is stored individually and you can adjust the columns by clicking on the button on the left of the list header.
- b. The option to add a voice memo will always be available at the QM window.
- c. Pressing the lightning symbol will auto-complete both Date and Start fields.

Date		Start
22.11.2012		09:47

5) Data security:

Three complex functionalities were implemented to ensure the reliability, confidentiality and security of data.

MedITEX Release Notes

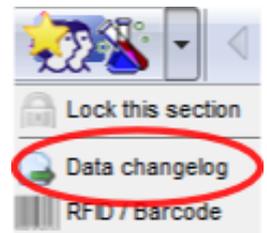
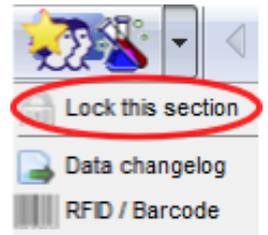
- a. **Data lock.** To prevent accidental or malicious deletion or changing of data, there is now the option of locking individual data, entire therapies and areas. The unlocking of data can only happen through entering the password of the person who had locked it or a user with admin rights. You can lock the data by clicking on the arrow next to the QM button. To lock entire therapies, click on the lock symbol .



→ Learn more about locking of data [here](#).

- b. **Change logs.** Through the change log, you can visualize all modifications that were made. You can also access this functionality at any point over the QM button. The changes are displayed on a list and will present the following information:

- Modified date;
- Name of user;
- Field names of the changed data;
- Area name;
- Date of the record.



The five last changes of each record are documented. If a sixth change happens, the oldest saved change will be deleted in the log. The number of recorded changes can be set under System -> Configuration -> Settings -> System -> Functions -> General:

Logging of data changes

Number of last changes that should be logged, excluding creation of data record

→ Changes on the demonstration user "ivf" are never documented. To ensure complete data security, we recommend blocking "ivf" in MEDITEX Administration by removing all rights assigned to it. Therefore, each person using the tool should have their own account created by an administrator.

→ More information about it can be found [here](#).

- c. **Rights management.** An important extension of MedITEX system is the rights management. The user with administrative privileges can now edit the rights for the viewing, reading and/or writing information for different individuals or groups of people for all MedITEX areas.

→ Here you can learn how to assign such rights to your employees: [MedITEX Administration instructions](#).

6) Semen analysis:

- a. The morphology of a field "multiple defects" was added.
- b. If the checkbox "sperm from donor" is selected, this information will be displayed at the column "Collection method".

MedITEX Release Notes

- c. **Quality assessment.** The details of the workplace, examination name and examination method have to be entered before the counting starts. Before, they have to be defined in the settings. It is possible to enter and save the concentration, motility and morphology separately. For a better understanding of the calculation method, formulas were added to the Results tab. A long-term evaluation shall be given separately for each measured variable. The program contains an automatic reminder.

→ Further information is available [here](#).

7) Donation:

- a. The **sperm donor** area has been completely revised and expanded with personal characteristics of the donor and other data and functions. In patient management/woman you will find a new green highlighted field. Click on it to get information on the donation.

- b. (Only for the UK version!)

Entries in Ethnic groups in person and donor have been replaced: White British, White Irish, Any other white background, Indian, Pakistani, Bangladeshi, Chinese, Any other Asian background, Black Caribbean, Black African, Any other black background, White & Asian, White & Black Caribbean, White & Black African, Any other mixed background, Any other ethnicity.

→ More information about sperm donation functionality are available [here](#).

Automatic unlocking of donor sperm samples if storage is greater than 180 days, HEP B, C, TPHA and HIV negative. Otherwise, the samples for the duration of the quarantine will be locked. The quarantine period (180 days by default) can be changed in the program settings.

8) Transfer:

- a. In the transfer mask, an additional (second) transfer date can be documented. This date is also in the Report editor under Therapy -> Transfer to find. This date is not linked with embryos. The crucial date is only the first date of transfer.

Date of transfer 16.04.2008 ⚡

Date of 2. transfer 14.11.2008 ⚡

9) RFID/Barcode:

- a. Existing codes can be linked to a material. A button activates the "scan" function so it is possible to read a bar code and assign it to a material.

- b. The users who are using RFID technology can log in automatically into the MedITEX system:

Barcode / RFID

Automatic login when using RFID / barcode

This printer will be used for printing barcode labels, RFID tags, etc.

10) Laboratory diagnostics:

- a. Expansion of laboratory diagnosis of males with "Multiple entry" button.

MedITEX Release Notes

- b. When creating a "new sample" the option "other" was added in order to create a laboratory sample without pre-defined parameters.
- c. In the area of laboratory diagnostics man/woman in the menu bar, a new button "**lab order**" was added. With this function, it is now possible to read the sample number using a barcode scanner and create a corresponding lab order for the lab. You can create new lab orders in the opened window. Enter the order number and if necessary, a comment. The other columns are added automatically.

11) Cryo:

- a. New Field "Stored by" in Cryo Gyn and Cryo Andro input masks were implemented to ensure the accurate documentation of the samples.
- b. Change the layout in Cryo Gyn for a better overview of the reserved straws and the history.

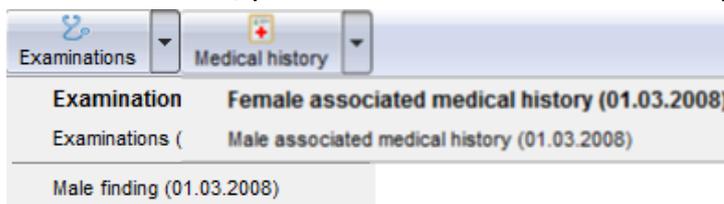
12) Report editor:

- a. It is now possible to create lists and analyzes to see whether documents are already available and which status is assigned to them. This information can be found at the Report editor under "Administration" -> "Documents."
- b. The letter templates can now be edited directly in the Report editor and in the program preferences. Please use this button:



13) Therapy:

- a. Window for creating a new therapy (treatment details): The input field "Survey ID" has been extended to another entry field "Randomization group".
- b. In the new toolbar, it is possible to open by pressing the "examinations" all examinations of the patient pair. Clicking on it opens the newest examinations. When clicking on the arrow next to the button, it is possible to select older ones chronologically.
- c. Also, on the menu bar of the therapy window, a new button "Medical history" was added. From this button, you can have the last medical history displayed.



MedITEX Release Notes

14) Pregnancy:

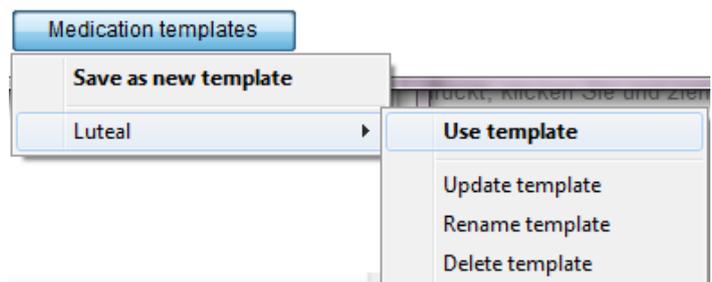
- a. It is now possible to document the pregnancy ultrasounds separately. Under Therapy -> Pregnancy -> "**Ultrasound**" you have another way of documenting the US of a therapy weekly.
- b. If a biochemical pregnancy was found and afterwards no clinical PG ("No PG") was detected, a new information will be displayed at the cycle overview as: "No (Biochem)".

15) Medication:

- a. **Medication prescription.** There is now the possibility to order new drugs immediately after the prescription of those medications, or during treatment planning. Please use the corresponding button on the medication mask. 

- b. "Drug code" was added to the Drugs editor in the Settings.

- c. The administration of medications was made easier with the addition of the button "Medication templates". Here you can create a template from the existing medication or save it for future prescriptions.



MedITEX Release Notes

Bugs

A number of diverse bugs has been fixed, among others:

1) General:

- a. The overall responsiveness of the program has been improved.

2) Cycle:

- a. The speed of dragging with a CTRL + click has been improved.
- b. Problems with the transfer of drug entries were corrected.
- c. Security check when editing billing type of a patient and it is different for the individual cycle and the medical history.

3) Cryo:

- a. Problem when opening the QM fields in the history of Cryo storage has been solved.
- b. Transferring of cryopreserved SPs of a sample ID was corrected in the Sperm cryo storage.

4) QM / free fields:

- a. List of material entries is alphabetically sorted.
- b. Queries with QM entries that have a start time later than their end time now display the correct result. The times are also listed.

5) Quality assessment:

- a. Floating point numbers are allowed in the counting fields. At WHO A, the number 0 can be set as result count.
- b. Concentration will only be retrieved after entering both counts and they are correct.
- c. Now it is possible to select a staff member to perform the counting.

6) Report editor:

- a. The fields "Sum of thawed cells" and "Planned start stimulation" were added in the Report editor.

7) Culture:

- a. The thaw day can be manually set to day 0.
- b. Some names of methods and terms were changed.
- c. The reason for aborting "Pronuclear stage arrest" is now accepted.
- d. Allocation of oocyte to the incubator was corrected.

8) Pregnancy:

- a. At the pregnancy calculation in the thaw cycles, the exact age of the embryo is taken into account.

9) Plausibilities:

- a. Problem solved when displaying plausibility messages.

MedITEX Release Notes

10) Ultrasound:

- a. The entire ultrasound image is shown in the preview.

11) Donation:

- a. The Anonymous-ID of the donor is indicated in the tab "Donor info" in cycle overview and in "Treatments and treatment semen analysis" under Culture. It is only visible if an Anonymous ID had been created for this patient and the option is set in the system settings (System -> Configuration -> Settings -> System -> Functions -> Donation).
- b. Changes to the "visibility" of the donation area for each patient.

12) Only for Italy:

- a. It is possible to transfer five embryos.

Version 1.3.0.2

Features

It is now possible to document the mother tongue of the patient. The new field, which also has the text completion functionality, has been integrated into the area "Further information" in patient data.

Bugs fixed

Different bugs and problems have solved.

MedITEX Release Notes

Version 1.3.0.0

Features

1.) General features:

- a. An automatic text completion feature was integrated. In many text fields the program will offer entries previously entered in that field, filtered according to typed keys. Additionally, in note fields it is possible now to use the key combination Ctrl+Space to open a drop down list with all previously entered texts, filtered also according to typed keys.
- b. The new interface with “Labotect” incubators allows the automatic import of incubator protocols in MedITEX IVF.

2.) Cryo storage:

- a. Cryo storage mask was extended with a number of new fields, including the freezing and thawing methods and additional straw colour.

3.) Home screen:

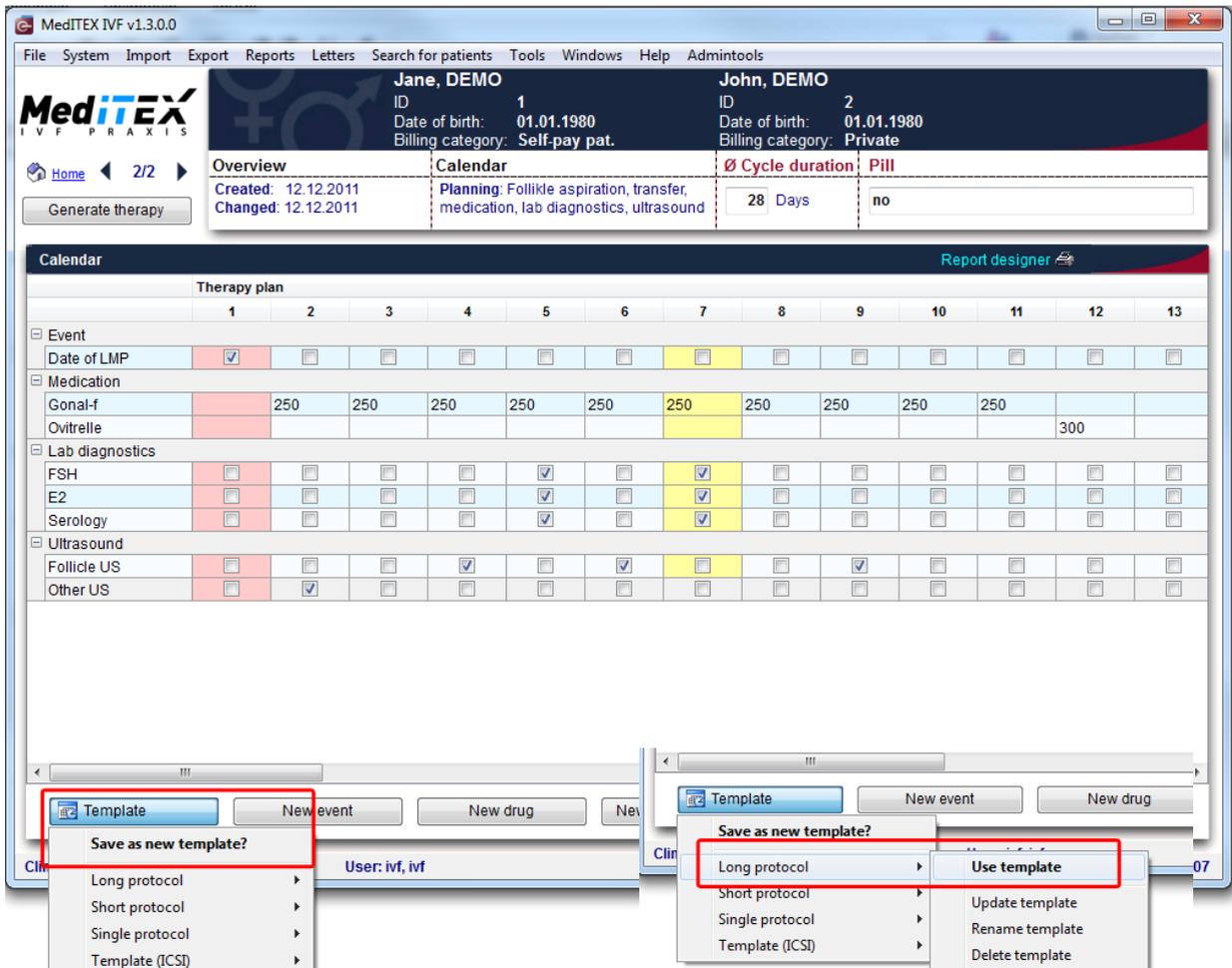
- a. Among other important data from the medical history, the name of attending physician is also displayed.
- b. Therapies (cycles) are per default ordered by start date.

Fin: 01.03.2008 | **Att. phys.:** Doe, John | **M.hist.:** 01.04.2010 | **Pretreat.:** OP 0, OMIUI 0, ART 0 | **CFTR:** Not determined **Chromos.:** Not performed
Weight: 60 [kg] | **BMI:** 19,6
Prev. ill.: Nicotine intake

4.) Planned cycles:

- a. In therapy planning and in the form for creating new therapies it is now possible to choose a treatment protocol.
- b. The new functionality in calendar area offers the possibility to save the complete current planning as a template for future use. In this way, using the button “Template” in the lower left corner, the current plan for drugs administration, lab and ultrasound examinations, and other important events can be saved in one cycle and easily restored in another, without the need to enter all the data again.

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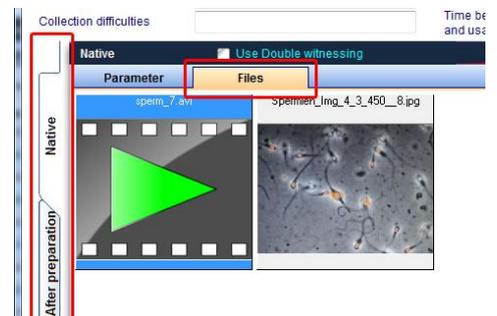
- c. After creating an active cycle out of planned therapy, the days with planned laboratory and ultrasound tests will be marked with a small red triangle and a hint “Examination planned”.

5.) Transfer:

The development stage of the embryo is now also explicitly shown: “4 cells”, “8 cells” etc.

6.) Semen analysis (spermogram):

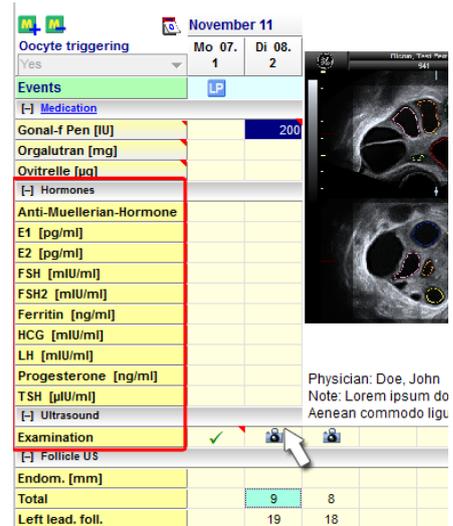
- a. It is now possible to add videos and various documents in spermogram.
- b. A dozen of new fields considering analysis and morphology of the sperms have been added.



7.) Cycle overview and luteal phase:

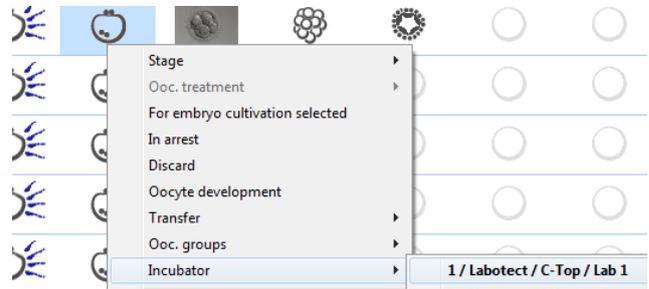
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- a. Between Hormone and Follicle U.S. the new rows "Ultrasound" and "Examination" were inserted. In this way it is also possible to enter ultrasound data not directly related to follicle examination. If an image is available, a camera icon will be shown. If no image is available the green check symbol is displayed.
- b. In ultrasound form it is possible to enter the physician and the note, and to attach videos.
- c. Physician name, note and ultrasound preview image will be shown in a hint, if the mouse stands over a cell with a camera or check symbol.
- d. The parameters shown in the overview are no more constrained to 5 most important hormones. From now on it is possible to select any laboratory parameter for display in the cycle overview (see point 10.b.ii). The parameters are grouped automatically into groups that can be collapsed and expanded at will.



8.) Culture:

- a. New embryo stadium is introduced: "Start of cavitation", between "Morula" and "Early blastocyst".
- b. Besides images, it is now possible to attach videos also.
- c. For each oocyte/embryo it is now possible to enter the incubator data, either over the context menu in the graphical culture representation, or in the development form for each embryo. Information about incubators used in the clinic can be defined in system settings.



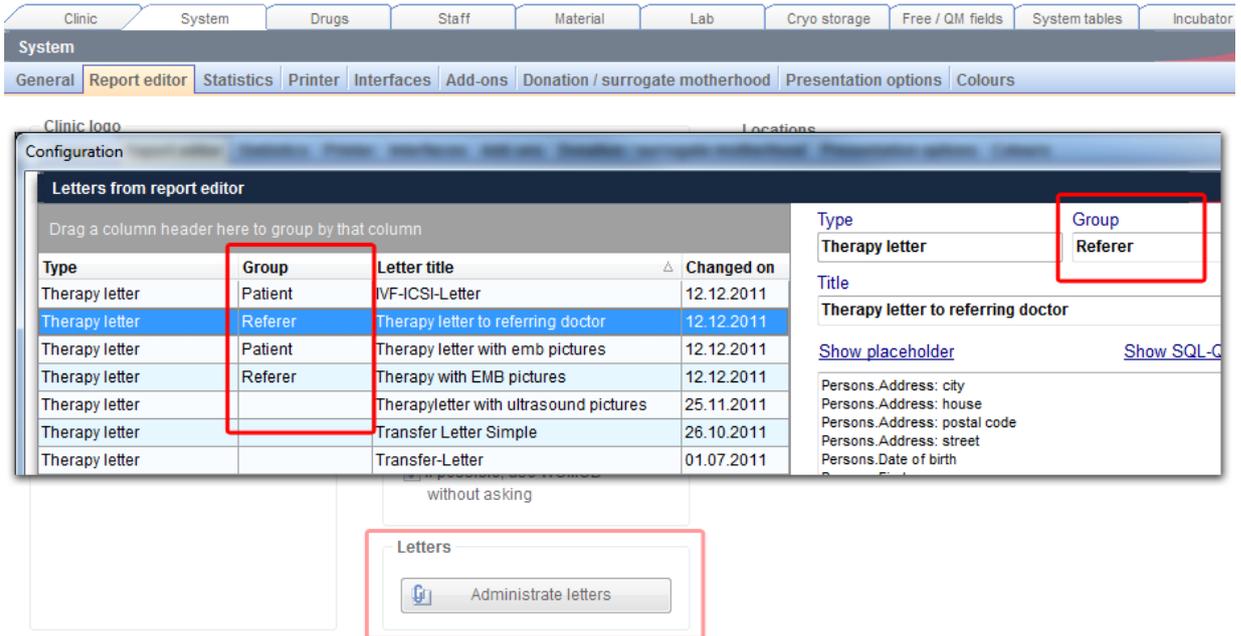
9.) Patient data:

Two new fields have been added: "Birth place" and "State".

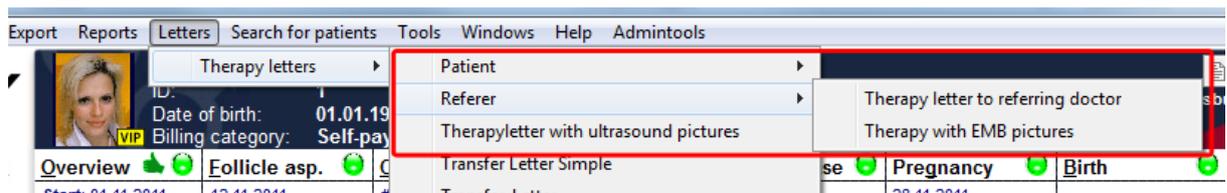
10.) System settings:

- a. Grouping of letters: in the administration of report editor letters (Settings→System→Report editor→Administrate letters) it is now possible to define a "subgroup" for each letter. It is enough to write the group name in the field "Group", or to select one of the existing ones.

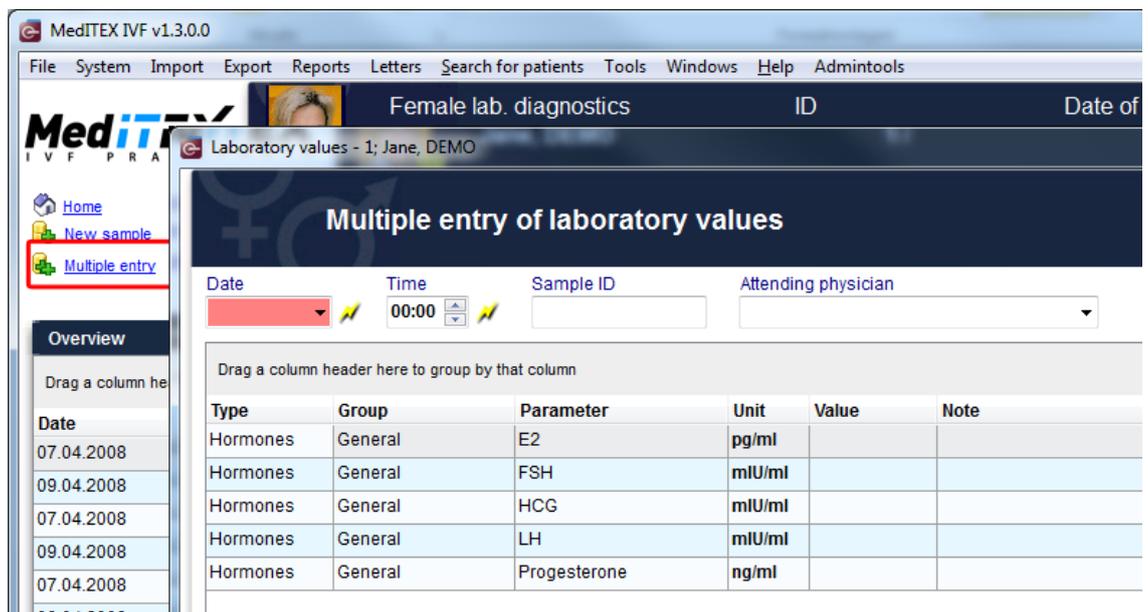
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The letters belonging to the same group will be grouped in a submenu item with the group name.



- b. In the "lab" tabsheet it is now possible for each parameter to define the following:
- i. If a parameter should appear in the home screen, in the list of lab tests. The result of the most recent examination will be shown.
 - ii. If a parameter should appear in the calendar of therapy overview (as described in the point 6.d).
 - iii. If a parameter should be offered in the mask for fast entry of more parameters at once, "Multiple entry in laboratory values", in laboratory diagnostics.



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- iv. Validity period for each parameter. The choices offered are "unlimited", "2 weeks", "1 month", "3 months", "6 months" and "12 months". If the validity period of a parameter shown in the lab diagnostics or in the home screen has expired, or the parameter has not been examined at all, the parameter row will be marked in red.

The screenshot shows a software window titled "Edit laboratory parameters". Inside, there's a form for editing a "Laboratory parameter". The "Param. short name" and "Parameter" fields both contain "FSH". The "Unit" is set to "mIU/ml" and the "Type" is "Hormones". A dropdown menu for "Finding validity period" is open, showing options: "unlimited", "2 weeks", "1 month", "3 months", "6 months", and "12 months". To the right of this menu are "Browse" and arrow buttons. Below the menu, there are checkboxes for "Show in main window" (unchecked) and "Show in calendar of therapy overview" (checked). A "With this colour" dropdown shows an orange color. At the bottom, there are empty fields for "Parameter value range" and "Value list".

- c. The item list of the field "Group" for lab parameters can now be freely extended by user defined groups, in "System→Settings→System tables→Laboratory parameter: group".
- d. In the clinic data, it is now possible to enter the clinic's state/province. Provinces can be added/edited in "System→Settings→System tables→Provinces".
- e. Different personal customizations can be saved per user, in the "Edit staff data" form of the staff area. So it is possible to set the visibility of "up/down" buttons in the table representation of culture, or to define the size of the preview images in hints (embryo images in culture and ultrasound images in therapy overview).
- f. The basis for the automatic calculation of the current pregnancy week, abort week and birth week can be set as
- Fertilization day (default), or
 - Reference date (Last menstrual period or treatment start date).

11.) Report editor:

- a. A certain number of tables and fields in report editor have been revised, in order to ease the creation of user-defined queries. As a consequence it may happen in rare cases that some existing queries can no more be executed.

If you encounter such a problem, please contact directly the software support. We will help you to restore the query in question. The support can be reached

Mon. to Thu. **from 8:30 CET to 17:00 CET**
Friday **from 8:30 CET to 14:00 CET**
Hotline **+49 941 56 99 87 70**
Email support@critex.de
Fax **+49 941 56 99 77 40**

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- b. In the report editor results window it is now possible to refresh the result with the "Refresh" button, without the need to go back to query design window and run the query again.
- c. For letter templates created in Word module there are several new "additional placeholders" now available: for ultrasound images, similarly to embryo images, and for current date and time.
- d. To facilitate evaluations over different couples, the new field "couple" in therapy and inseminations table was introduced.

12.) System settings – interface to MedITEX Scheduler:

Automatic generation of appointment proposals in **MedITEX IVF** (possible only in conjunction with the **MedITEX Scheduler** - see also feature point 16):

In "System settings→System→Interfaces→MedITEX Scheduler" you will find a list of certain events, which trigger the automatic generation of appointment proposals.

Data import

Path to FM data tank:  DEMO database: 

MedITEX Scheduler

Automatic appointment suggestions - triggering events

No.	Event	Active	h (hours)	Appointment / Treatment	Rule	Description
1	Ovulation induction (insemination)	<input checked="" type="checkbox"/>	36	Insemination	None	Prescription of a drug for oocyte triggering generates automatically an appointment proposition (start date and time (drug) + h (time after the event, in hours)).
2	Ovulation induction (follicle aspiration)	<input checked="" type="checkbox"/>	36	Follicle aspiration b	None	Prescription of a drug for oocyte triggering generates automatically an appointment proposition (start date and time (drug) + h (time after the event, in hours)).
3	Transfer date	<input checked="" type="checkbox"/>	0	Transfer	None	Setting of a transfer date generates automatically an appointment proposition (transfer date + time + h (time after the event, in hours)).
4	Transfer date	<input type="checkbox"/>	336		If appointment falls on weekend, propose it on following Monday	Setting of a transfer date generates automatically an appointment proposition (transfer date + time + h (time after the event, in hours)).

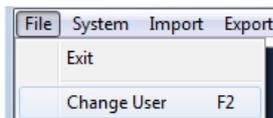
In this way it is possible to define appointment proposals for insemination, aspiration, transfer, or pregnancy test. If an event is triggered, an appointment proposal will appear in MedITEX Scheduler, with the patient name, estimated appointment date and time, and treatment. The administration of an oocyte-triggering drug, for example, will generate an appointment proposal for oocyte aspiration, which should take place 36 hours after the drug administration. In another example the setting of a transfer date in MedITEX IVF in the future will generate a transfer appointment proposal in MedITEX Scheduler.

The user can change the following settings for each of predefined events:

- **Active:** Defines if an event triggers an appointment or not.
- **h (time after the event):** Defines the start of the appointment, in hours, after the date and time of the triggering event.
- **Appointment / Treatment:** All treatments defined in Scheduler can be chosen here.
- **Rule:** An additional condition for the start time of the proposed appointment.

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13.) Main menu:

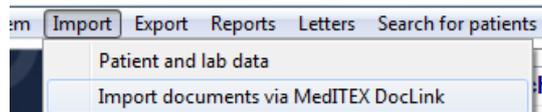


Over the menu item "File→Change User" users can now only switch to another user, or log off. In order to continue using the program with the same user it is necessary to enter the password first.

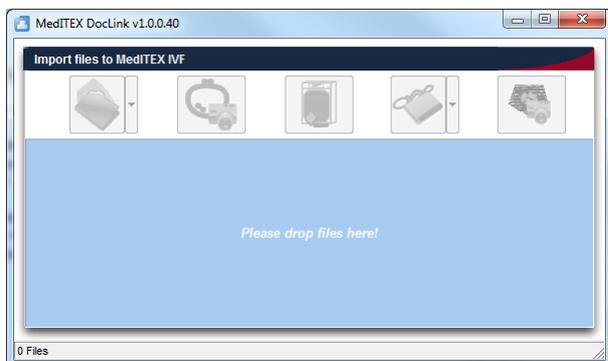
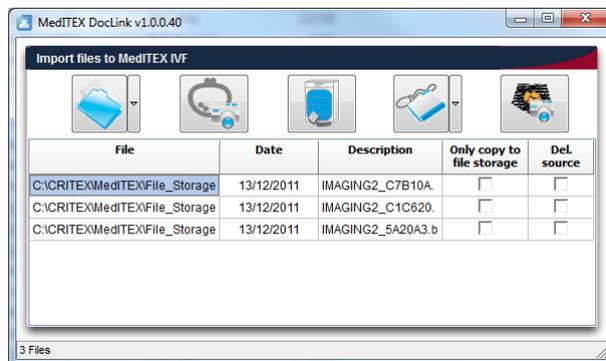
14.) Interfaces:

- Interface to **Synlab**: Web orders of laboratory parameters with Synlab.
- MedITEX DocLink**

The new Add-On "MedITEX DocLink" enables quick and easy importing of files into the different areas of MedITEX IVF.

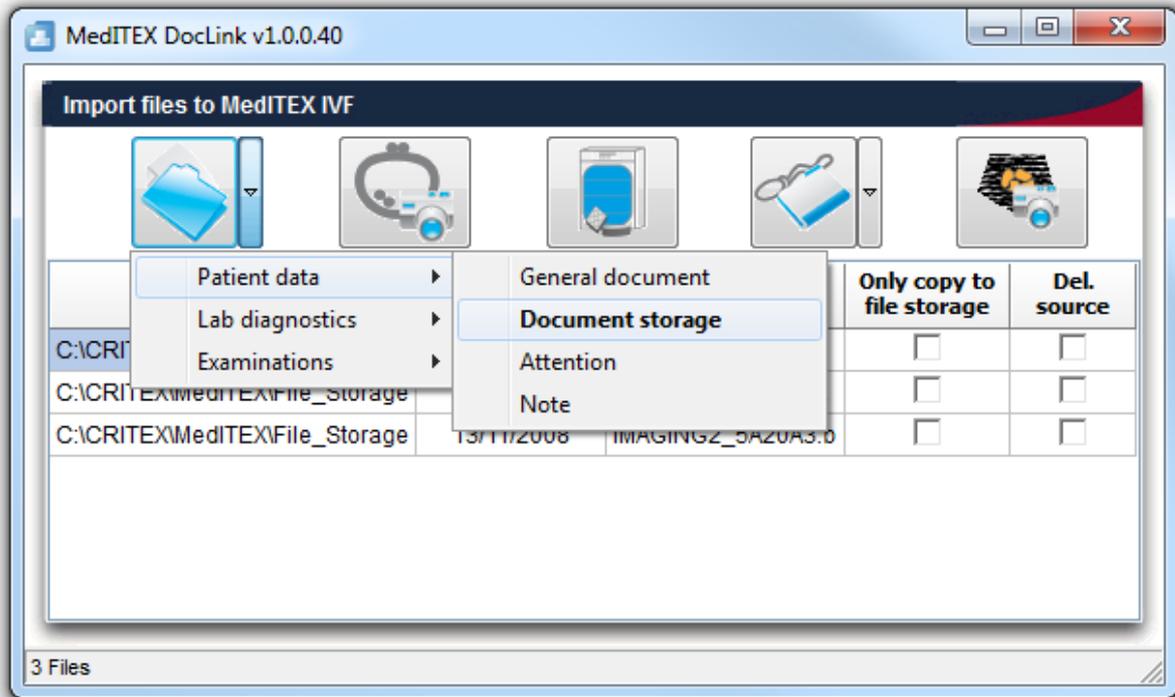


The files to be imported can be sent with the right mouse click directly to MedITEX DocLink. The other possibility is to drag and drop them directly into the opened MedITEX DocLink window. Using the buttons in top area the document(s) can be stored for one patient in different program areas:



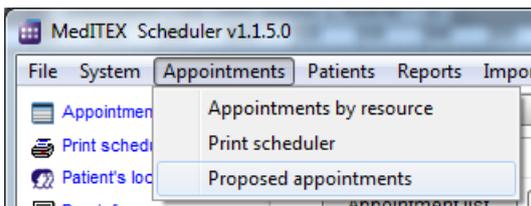
- Patient document storage
 - Patient data (general document, attention message, note)
 - Laboratory diagnosis (grouped after laboratory values)
 - Examination (in all existing examination types)
- Oocyte/Embryo development
- Incubators
- Semen analysis (general, native, preparation)
- Ultrasound examinations

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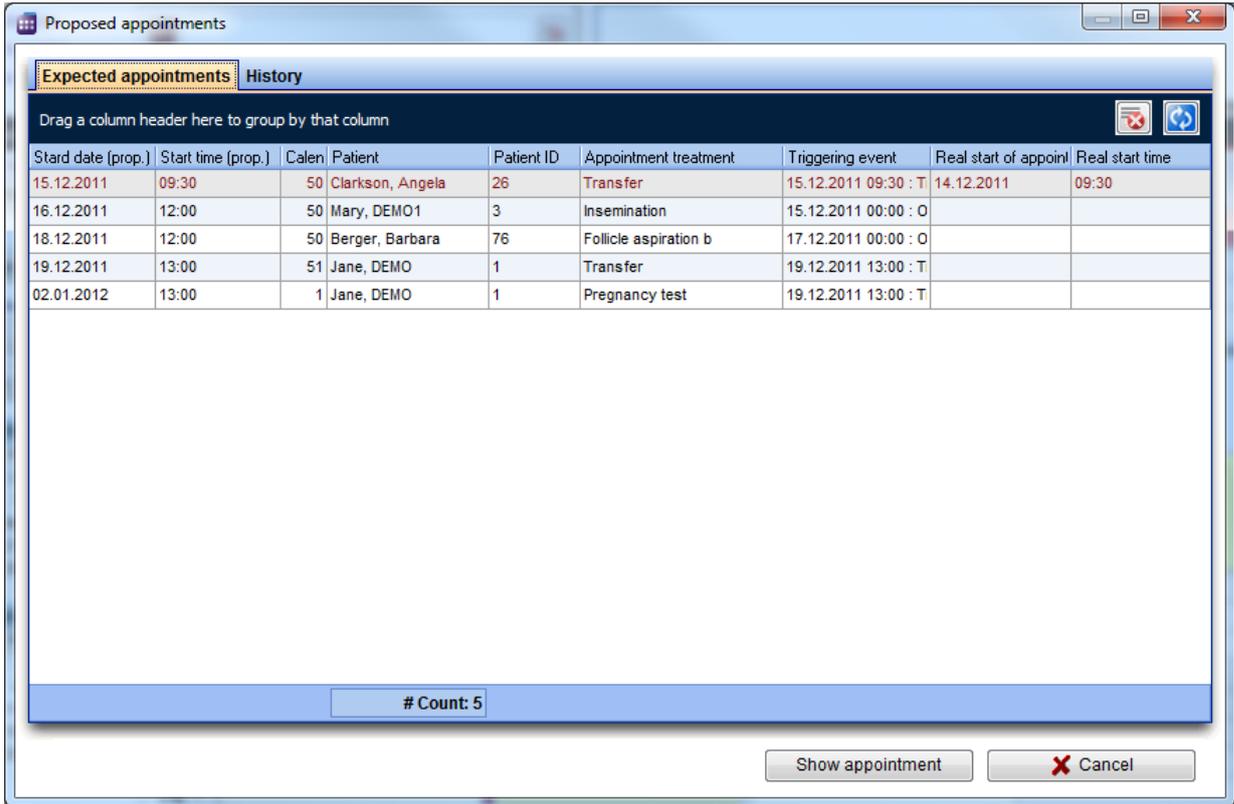
15.) MedITEX Scheduler

a. Automatic proposal of appointments:



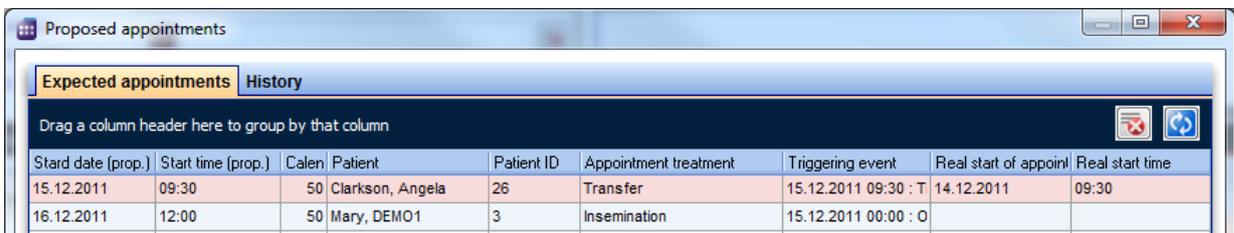
An automatic generation of proposed appointments is now possible (e.g. for aspiration, insemination, transfer etc.). If the appropriate rules have been defined and activated in system settings of MedITEX IVF (see also point 12), the corresponding event will automatically generate a proposed appointment in the scheduler, if the date is not in the past. All proposed appointments can be reviewed in MedITEX Scheduler under “Menu→Appointments→ Proposed appointments”.

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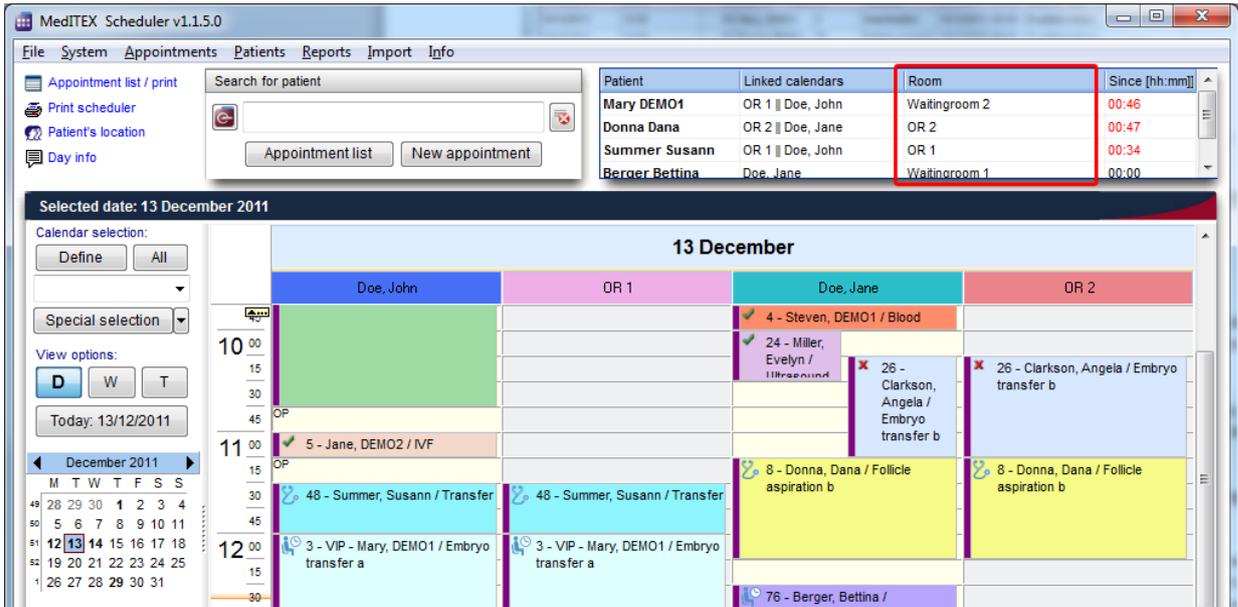
By double clicking on a cell (or by clicking the button "Take over appointment"), the appointment input mask will be opened with the proposed data - patient, treatment, appointment start – already filled out, if no active appointment already exists. User can now edit the appointment data and save it, thus creating an active and “real” appointment. The corresponding proposed appointment will automatically be transferred to the tab-sheet “History”, with the information about the start of the generated appointment. By double-clicking the line with the proposed appointment to which an active appointment already exists (e.g. has already been generated), the “real” appointment will be opened.

If the triggering event in MedITEX IVF has changed in time, the corresponding appointment will be automatically transferred back to the tab-sheet "Proposed appointments", and marked in red (only if the corresponding “real” appointment lies still in the future). In this way the user can immediately react if something changes in the planning.



b. Patient location:

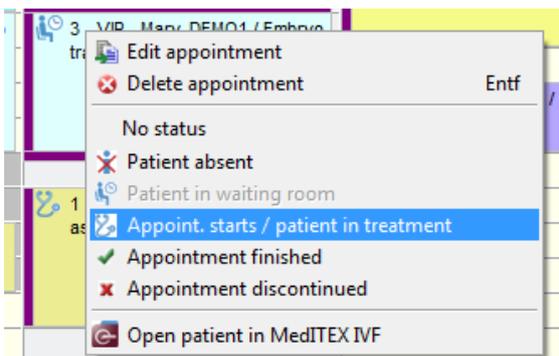
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The virtual waiting room has been expanded and converted into the "patient locator". In the column "Room" it is now possible to select a room where the patient is presently located. In the column "Since [hh:mm]" the time is displayed, since when the person is in that room.

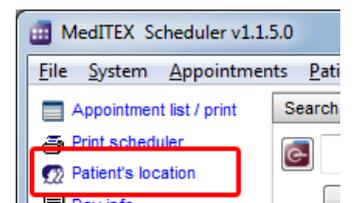


As before it is possible to drag the whole appointment and drop it in the patient location area. The "Waiting room 1" will be automatically entered in the location column, and the appointment status will be set to "Patient in waiting room".

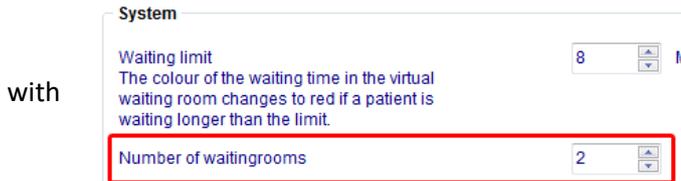
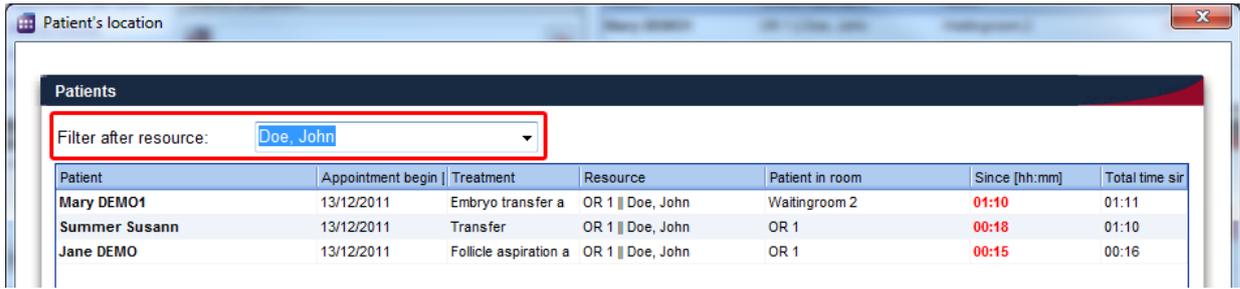


The status of the appointment can be edited via the context menu that appears on right-clicking the appointment, or via the context menu in the patient location area.

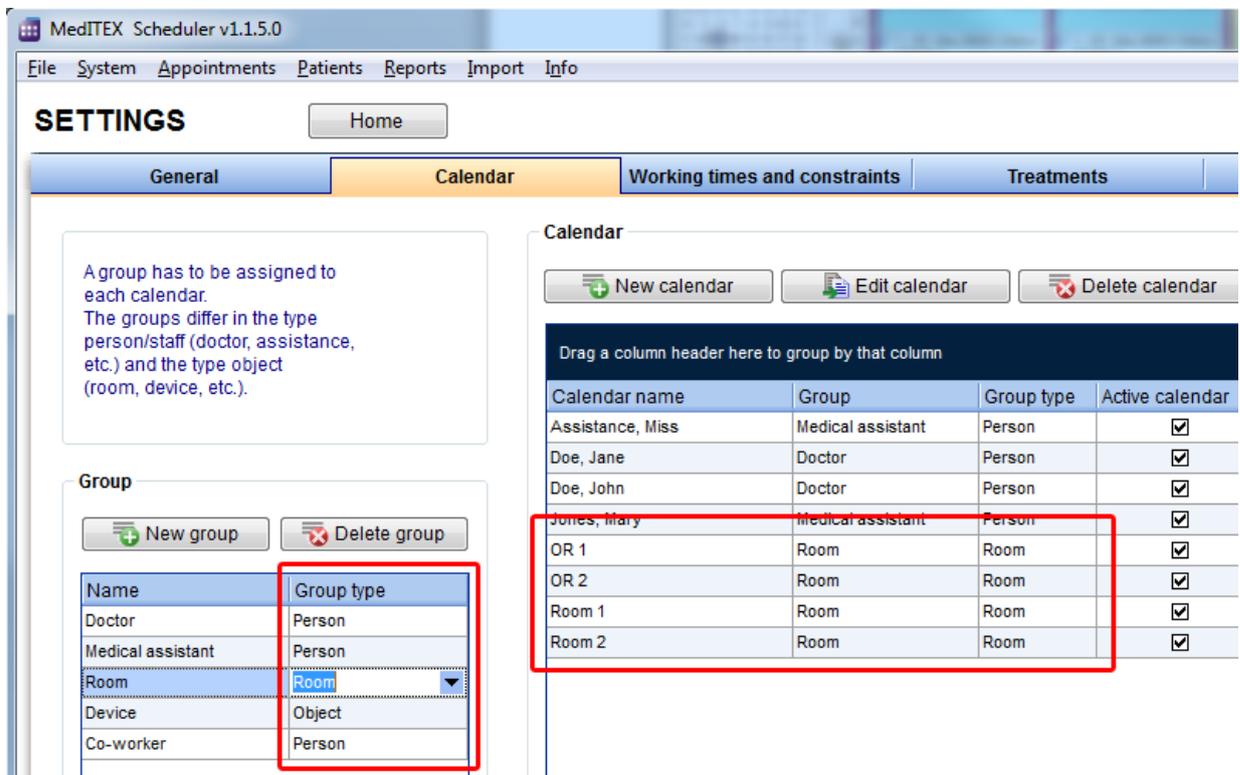
In the details window "Patient's location", which can be invoked over the link in the upper left corner of the main window, it is possible to see more details about the actual location and appointment of each patient currently present in the clinic. Here it is also possible to filter the data by a particular calendar, so that only the appointments related to that calendar are displayed.



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The rooms can be defined in the program settings (Menu: "System→Settings") as a calendar the **group type** "Room". Additionally it is possible in general settings to specify the total number of all waiting rooms.



Bugs fixed

- 1.) Query builder:
 - a. The performance of queries over inseminations was increased.
 - b. The new fields "used drugs" in the fields of therapy and inseminations also allows the search for therapies in which a particular drug was (or was not) used.
- 2.) Semen analysis:
 - a. In the spermogram window, the time of the acquisition is no longer doubled.
 - b. The motility percentage values are now displayed with no decimal places.

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3.) Therapy overview:

- a. The problem with editing and deleting of hormones after entering certain drugs has been fixed.

4.) Culture:

- a. If a 2PN-cell develops into a \geq 3PN-cell, and then be set to "arrest" or "discarded", then this cell will be added in the tabular cultural view to the field "discarded", in "2PN-selection" area.

5.) Pregnancy:

- a. Time difference between the current pregnancy week and abortion week was fixed.
- b. Refresh problems in pregnancy and birth forms were fixed.