MedITEX Newsletter

It is possible to subscribe to the monthly MedITEX Newsletter with the following link: <u>https://www.subscribepage.com/de_meditex</u>

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

Version 2.8.1.0

Features

1) MedITEX IVF

a) <u>General</u>

The OHSS form has been changed to suit the original.

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

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

deneration of SEC	
A SEC (Single European Code) marks	tissues uniquely in the EU.
Feature active	Locations
Automatic generation active	<u>п</u>
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.

5		acca.																			
0	Oocyte	e / embryo cr	yo storage of Jan	e, DEMO (1234	56)																×
ſ	Cu	rently in stor	age	History																	
									Own n	naterial											
10	Cryo ID	Follicle aspiration	Cryopreserved on	Storage date	Cryo technique	Cryopreserve d by	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Stra wID △	Status	Storage location	Pos.	CI. 1	CI. 2	Contract number	For researc h	SEC	
₽	284	24.10.2019	24.10.2019	25.10.2019		Mona, Mueller	1	4				2252		Cryo Tank 1 B B (Regensburg)							ø
	283	24.10.2019	24.10.2019	25.10.2019		Mona, Mueller	1		3			2253		Cryo Tank 2 2 2 E (Regensburg)						0	Ø
	285	24.10.2019	24.10.2019	25.10.2019		Mona, Mueller	1		2			2254		Cryo Tank 2 1 2 B (Regensburg)						0	Ø
			<u>Grey lig</u> The stra	ht: No : w.com	SEC-co es from	de is ne	ces:	sary c wł	here	it w	vill he	crv	o conse	rved so	no SF	- -	202	le is i	neer	der	ď
									iere				0 001150	i ved 50	10 52		.00		icct	100	u .
			<u>Yellow I</u>	<u>ight: A</u>	<u>code w</u>	<u>ill need</u>	d to	be e	<u>ente</u>	red											
			The stra	w orig	inated	from a	dif	fere	nt c	linic	fiel	d "C	linic of	origin"	in th	er	າດດ	vte	/ em	۱rv	<i>'</i> ∩
			THE SUL		mateu					mine	,	u c		ongin .				yce /			~
			cryopre	servati	on mas	sk, and	has	bee	en cr	туор	rese	rved	l in you	r own cl	inic.	An	in	comi	ing S	SE(<u> </u>
			code wi	ll need	to be o	locume	ente	d.													

Green light: The SEC-code has been correctly configured

ocyte / embryo cryo	preservation of Jane, Delvi	0 (12545	0)			
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)			4
Cryo technique		\sim	Cryo contract		✓ ③ ⑤	4
Clinic of origin	CRITEX GmbH					
Storage date	25.10.2019 🗸 📈					
Stored by		~ 🃈				
Straw ID	2253					
Status		\sim				
Straws	1					
Material						
🖉 Ovarian tissue			Mit SF	-Spende		
# Ooc. 0	# PN IVF	3	# Emb. IVF	0		
	# PN ICSI	0	# Emb. ICSI	0	Detailed oocyte / embry	o properties de
	Total number PN	3	Total number E	imb. 0	not exist because this not linked with a	cryo sample is cycle
🛛 🖉 Preserv. using d	cryo storage					
Storage location			Positio	n Colour		
# Free places: 10						
		Note				
For research						
Reason for researc	ch					
		-				
⇔ Change <u>p</u> a	ttient ▼ Single Eur	opean Co	de (SEC)		X Cancel	✔ OK
⇔ Change pa C (Single Eu	ntient - Single Eur ropean Code) Mar	opean Co nager Dutgoin	ide (SEC)	X	X Cancel	✔ ОК
⇔ Change pa EC (Single Eur Incon	ntient 🔹 Single Eur ropean Code) Mai ning SEC	opean Co nager Dutgoin	ide (SEC)	×	X Cancel	√ OK
⇒ Change <u>p</u> a EC (Single Eu Incon	ntient Vingle Eur ropean Code) Mar ning SEC	nager Dutgoin	de (SEC) ng SEC	X	X Cancel	√ 0K
 ⇒ Change pa EC (Single Eur Incon ISEC 	ntient Vingle Eur ropean Code) Mai ning SEC	opean Co nager Dutgoin ta to di	ng SEC	× rate all	X Cancel	✓ ок
Change pa C (Single Eu Incon SEC SEC	ntient Single Eur ropean Code) Mai ning SEC (<no dat<="" td=""><td>opean Co nager Dutgoin ta to di</td><td>de (SEC) ng SEC splay></td><td>× rate all</td><td>Cancel</td><td>✓ OK</td></no>	opean Co nager Dutgoin ta to di	de (SEC) ng SEC splay>	× rate all	Cancel	✓ OK
 ⇒ Change ga EC (Single Eur Incon SEC SEC SEC 	now scan the barcod	opean Co nager Dutgoin ta to di	de (SEC) ng SEC splay> Gene e the RFID chip.	× rate all	Cancel	✓ OK
Change pa Change pa Comparison Comparison Comparison Change pa Change	now scan the barcod	opean Co nager Dutgoil ta to di	de (SEC) ng SEC splay> Gene e the RFID chip.	×	Cancel	✓ OK
Change pa EC (Single Eu Incon Incon Is SEC SEC SEC Journalist SEC	now scan the barcod	opean Co nager Dutgoil ta to di	de (SEC) ng SEC splay> Gene e the RFID chip.	x	Cancel	✓ OK
 ⇒ Change pa EC (Single Eur Incon ISEC SEC SEC You can DIS PIS I 	now scan the barcod	opean Co nager Dutgoin ta to di	de (SEC) ng SEC splay> Gene e the RFID chip.	rate all	Cancel	✓ OK

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 <u>SEC (Single European Code)</u>.

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.

Inbox overview																-		×
Patient search	Туре	Date from 03.10.2014	/ //	Attention for	~ A	proval status		~									5	
Laboratory	Communication	Nurse check																
3 Type	Date	Patient ID	Name	Finding sta	Approval s	Attention for		* 🔺	Jane. DEMO								6	
Attention	10.04.2017	123456	Jane, DEMO						ID: Date of birth:	123456/0								
Medication prescription	14.10.2014	123456	Jane, DEMO				C.	VE8	Billing type:	Private								
Document storage	21.01.2015	123456	Jane, DEMO						Date	Time		_				_	CD (37)	11.
Document storage	28.05.2015	123456	Jane, DEMO					Start	14.10.2014	00:00	E	By A	nesthesiologist	, Mr		<u>~</u>	EU 🔊 .	
Document storage	28.05.2015	123456	Jane, DEMO					End	21.10.2014	10:09		Status						
Document storage	21.01.2015	123456	Jane, DEMO									Norm:	al 📃	Alert				
Document storage	22.10.2019	123456	Jane, DEMO					ICD10				Abilo						
								Note	Arial	- 9 - 1	B I	U & [= 1 :				11
														- 14		1.000		
							n											
												×		-				1
								Prescripti	on number									11
								Drugs	d Davia	Deve and a	Dalla	11-14	a		Double of	Francis	11-11	
							>	a ordere	a brug	Drug code	dosage	unit	Additio	onai into	administration	From	unui	
								•	Brevactid		150	[IU]			Injection	14.10.20	1 21.10.20	
									Clomifen		20	[mg]			Pill	14.10.20	1 21.10.20	
									Decapeptyl		50	[mg]			Daily injection	14.10.20	1 21.10.20	
									Ovitrelle		77	[Q4]			Injection	14.10.20	1 21.10.20	
									Berniola		150	liol			Injection	14.10.20	1 21.10.20	11
								<u></u>									v	
								Approval	status			No	ote					11
								Appro	wed								^	
								Attent	ion									
								Attent	ion for			\sim					\sim	н
																E PI	DF 🗁	i I
7								😼 Se	end 🔻 🖃	Letters					K Cancel	🛷 Appro	ove 🗸	1
	-						1				_					_	_	ы,

G MedITEX IVF v2.8.1.0

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

Home Settings			-			
Clinic	System		Dru	ıgs		Material
General			Functions			Presentation op
litable system tables		Edit s	stem table "Inbox: m	essage groups"		
Table name		NAM	E	Active	Sort order	Group assignment
Administration: document types		Labo	oratory		1	
Aspiration system		Com	munication		2	
Aspiration: anesthesia		N	a shack		2	-
Aspiration: retrieval technique		NUIS	e check		3	3∨
Birth: complications at birth					🖃 💻 🚺 Medi	cal history
Consent: group					- 🗹 A	Ittention
Cryo contracts and accounting: reason f	or contract terminatior				N	lote
Cryo contracts and accounting: reason f	or invoice cancellation				- N	fedication prescription
Cryo storage: research reason					F F	Procedure
Cityo Storage, Status Culture: BID Applyoin (EMD/Bloot) diog	mania 1				Demo	paraphics
Culture: PID Analysis (EMB/Blast.) - diag	nosis 2					locument storage
Culture: PID Analysis (EMB/Blast.) - diag	inosis 3					uternal report
Culture: PID Analysis (Polar bodies) - ch	romosomes/segmen					.xtemanepon
Culture: PID Analysis (Polar bodies) - di	agnosis 1					ale exam.
Culture: PID Analysis (Polar bodies) - di	agnosis 2				S S	itate of fallopian tube
Culture: PID Analysis (Polar bodies) - di	agnosis embryo				- N	tale finding
Culture: PID Analysis (Polar bodies) - pr	obe				F	emale finding
Culture: reason for not performed ET					- <u> </u>	Iterus/Ovary
Cycle planning template: group					1	Iltrasound
Cycle: abort the cycle prior to treatment -	reason					lusteroscopu V
Cycle: additional measures						
Cycle: classification of OHSS intensity						

"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.



IVF,ICSI [

John, DEMO

c) Medical history

7 📑 06.09.2016

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

None sel

¥	Female Test , W	medical histor oman	у	id An1		Date of birtl 01.09.1989	h
Initial consul	tation:	~		1	Veight: Height:	[kg] [cm]	
+ Gravida:	0 Para: 0 /	Abort: 0 Ind. abort	ion: 0 Ectopic: 0		BMI:		_
Overview							
Drag a column	header here	e to group by that co	olumn				
🗄 Start date	∇	End date	Туре		Description		
21.10.2019			Medical order				
					Duplicate	record	
					Export to	Excel	
					Print Grid		

It is now possible to document vaccinations.

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

Basic	General	Gynaecology	Fertility	Endocrinology	Genetics / Opinic 💶 🕨
Marital status Marital status Married since # Marriage		Has children Existing allergies Hepatitis Ambulatory treated	Girls 0 + E	Boys 0	Psychiatry
Vaccinations Vaccinations Menstrual cycle Last menstruation		Menstrual	cycle	~	~

d) Lab. diagnostics

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

e	MedITEX	IVF v2.8.1.0
\sim	NICOTIEX	141 42101110

File System Import Export Reports	Letters Search for patient Lab results (all) Lab results (selected) ID AN1	Tools Windows Help Help Image: Create Word document Image: Create PDF Image: Create PDF Image: Print									
Initial consultation:	Wei	Edit printout template									
	Heig	ght: [Cm]									
+ Gravida: 0 Para: 0 Abort: 0 Ind. abortion	n: 0 Ectopic: 0 BMI:										
Cab_results Cab_results Cab Cab A Q, 100%, - Q, Cab Cab Cab A M 4 1 of 1)	Cose Cos										
	aboratory Results	Critex GmbH Stopkinghat 4 Pageneraburg 33300 Tela: 044-59939333 Fax: 044-59939333 support@critex.de									
PATIENT Name: DEMO, Jane ID: 1 - Sandra - 1	PARTNER Name: DEMO, ID: 2	John 21.10.2019 15:20:27									
Date/Time Lab Type Parameter Value	Unit Status Attending Clinician	Note									
07.14.2018 Hormones FSH 5	AU/mI										
07.11.2018 Hormones FSH 4	AU/mI										
07.10.2018 Hormones FSH 3	AU/ml										

e) <u>Cycles</u>

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

PID Analysis: Embryo / Blastocyst

Date	21.10.2019 🗸 📈		Analysis result			())	₹°
Performed by	~	1	PID diagnosis 1			~	-
Gene assay	~		PID diagnosis 2			\sim	
DNA amplified	CGH		PID diagnosis 3			~	
Analysis end time	DNA microarrays FISH	I 1	Result communicated on		~ 📈		
Time after insem.	Karyomapping	I .	Transferable	🖱 Yes	📉 No		
	NGS HR	(200)	Note				_
Screening type		(PGD) (PGS)					$^{\wedge}$
	WGA	,					~
Time Time after insem.			Blastocyst developme Inner cell mass	ent		~	
Zona opening	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		No. of biopsied probe	s	 ▲ ▼ 		
Biopsied probe 1	Biopsied probe 2 Biopsied pro	be 3 E	Biopsied probe 4				
Biopsy performed by	~	1	Gen. analysis by			\sim	7
Cell sampling possible	~	*	Probe 1			\sim	
Tubing possible	~	·	Probe 2			~	
No. of cell nuclei	0		Probe 3			\sim	
					X Cancel	🗸 ок	

f) Cryo contract management

×

k		rrently in sto	rage	H	listory				
	Cryo ID	Follicle aspiration	$\begin{array}{c} \text{Cryopres} \\ \text{erved on} \\ \\ \nabla \end{array}$	Storage date	Cryo technique	Cryopreserv ed 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 \rightarrow Logging of activities.

3) MedITEX Accounting

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

ലാ	ettings - v.2.0.1.0						
	Print Export Import price lis	t Open folder					
S	ervices and materials / prices	Overview of prices	Invoice managemer	nt		Document templates	
/	Invoice settings	Dunning levels	Changeable s	ystem tabl	es		
- In	voice settings				Billing	items settings	
R	Ile for invoice number				Only	use MedITEX Accounting fo	r exporting billing
C	ontinuous number (8-digits) with leadi	ng zeroes		~	items	use mean EX Accounting to	exporting bining
	some part of rule is uknown (i.e. invoice type o] Invoice type active] E-claims active	r billing category), that part will be replaced	by character ≌.	[Day ran self gen	ge limit (event date) for erating billing items:	7 🗘 days
	ICD code visible for billing items						
	Co-payment possible						
	/AT ○ no ● on final invoice amount ○ on each invoice item	Standart value-added tax rate	0,0%				

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

Bugs

1) MedITEX IVF

a) <u>General</u>

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 \rightarrow Lists) does not show empty fields anymore.

b) <u>Demographics</u>

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) <u>Report editor</u>

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.

Version 2.8.0.0

Features

4) MedITEX IVF

a) <u>General</u>

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.

File	System	Import	Export	Reports	Letters	Search for patient	s Tools	Windows	<u>H</u> elp	Admintools					
		New entry	•	開 Print	Print labels	Message	Cheduler	Accountin	ng 🔻) Demographic	s 🕶	Examinations	Laboratory ▼	Latest Cycle	≗⇔ Go to partner
		Fema	le med	lical histo	ory	ID			Date	of birth		Accounting	Attendi	ng clinician	
WEB	VI	MDE	MO, Ja	ane		D1			01/0	1/1980 (3	9)	Cash	Doe, J	ohn Dr.	

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

	· · ·						
Fema	Female medical history						
MDE	D	D1					
WEB VIP							
Initial consultation:	01/03/2008 ~		Weight:				
Couple ID:	COUPLE1		Height:				
🔶 Gravida: 0 Para: (BMI:						

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

	Clinic		Sys	Drugs						
- Clinic data										
Clinic ID		111	Survey IE)						
CRN			PRN							
Name	CRITEX GmbH									
Alias	Alias Regenshurg									
/1100	negensburg	เหตุมีตามการที่								
Name 1										
Name 2	TESTA									
Name 3										
Street	Stobäusplatz 4									
Postcode	93047		City	Regensburg						
Province		~	Suburb							
Region		~	Country		~					
Phone	0941-59939330		Fax	0941-59939333						

b) Lab. diagnostics

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

Lab order templates	Material labels Print order	Order status Dupli	cate this order	r				
Name			Order	Selected parameter	△ Abbreviation	Material	Status	
Order number	36			E1	E1		2	Ē
Blood sample due	17/07/2019	Time 14:24		52	E2	Serum	2	
biodd sample dde		1111e 14.24 V		53	E3		<u> </u>	
Clinician		~ 📈		FSH	FSH	Serum	<u> </u>	
				FSH2	FSH2		<u></u>	
aboratory	Internal OExternal	Urgent		FSH3	FSH3		<u></u>	
ab name		\sim		H	LH	Serum	<u> </u>	
nvoice	~	^		_H2	LH2		<u>a</u>	
eceiver		~		_H3	LH3		2	
Group		~						

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.

Ex F1 F2 F3 F5 F6 F7 F8 F9 F10 F11 F12 Mds Ex F1 F2 F6 F7 F8 F9 F10 F11 F12 Mds Struk St	Pause Break Ins	Del
1 1 <td>← Backspace</td> <td>Home ►/II</td>	← Backspace	Home ►/II
Q W E R T Y U 4 I 5 O 6 P * []		Pg Up
CapsLock A S D F G H J 1 K 2 L 3 ; - "	مب Enter	Pg Dn 144
Left Z X C V B N M ° < > · ? + . / Right	û swit	End H
	• <	Þ0

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 \rightarrow Configuration / administration \rightarrow Settings \rightarrow System \rightarrow System Tables \rightarrow Cryo storage: status.

	Oocyte / embryo cryo storage of DEMO, Jane (D1)											
	Cu	rrently in sto	age	History								
Γ	Own material											
:	Cryo ID	Follicle aspiration	$\begin{array}{c} \text{Cryopres} \\ \text{erved on} \\ \\ \\ \end{array}$	Storage date	Status	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Straw ID	Stor loca
Ŀ	173	12/02/2019	13/02/2019	13/02/2019	Available	154		1				
	152	28/01/2019	28/01/2019		Available	170		1				
	153	28/01/2019	28/01/2019		In quarantine	170		1				
	154	28/01/2019	28/01/2019			at status		、 —	Availak	Je		
	155	28/01/2019	28/01/2019			et status		<u> </u>	Availat	ine in the second se		
Г	156	28/01/2019	28/01/2019		E	oport to Ex	cel	- L	In quarantine			
Г	158	28/01/2019	28/01/2019		P	rint Grid		T			40	
	159	28/01/2019	28/01/2019			170	1				41	
	160	28/01/2019	28/01/2019			170	1				42	
	161	28/01/2019	28/01/2019			170	1				43	

e) <u>Cryo contracts</u>

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

Contract type configuration	_ ×								
Edit contract type									
Contract name	1 month								
Abbreviation									
Active									
Standard contract									
Invoice recurrence	1 Month ~								
Issue of 1. invoice	~								
Storage fee for invoice time period	£250.00								
MedITEX Accounting billing item									
Update storage fee	X Cancel V OK								

5) MedITEX Administration

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

🔀 MedITEX Administration v2.8.0.0	
Quit Help	
	Rights management
Rights management	Administration of staff and users
Administration of staff and users	
Administration of user groups	🔁 👻 📆 Change
Administration of user rights	Active Inactive
Login groups management	i≣ litel Name Benutzernar Farbe Sta
	Anesthesiologist, Mr user78
	Assistance, Miss Miss Reg

6) MedITEX Scheduler

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

8	Appointments by resource															
-	Print Export															
Kalender: ALL RESOURCES Allgemeine Suche: test Zeitraum - von: 17/07/2019 Bis: 17/07/2019 V																
	Drag a column header here to group by that column															
:	Datum	Von [hh:mm]	Bis [hh:mm]	Patiente n Termin	Patient	Geschl.	Geb.Da um	Betreff	elefon	Mobil	Abrechn ungsart	ΚV	Behandlung	Bemerku ng	Patiente n- / Terminst atus	Eingetrage e Kalende
•	17/07/201	14:30	14:35	Yes		F		Test appointment								Test_1

Bugs

4) MedITEX IVF

a) <u>Cycles</u>

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.

scyte / embryo cryopreservation of DEMU, 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	Scroll					
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) <u>Report editor</u>

Adjustments in the semen analysis table have been made.

5) MedITEX Accounting

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



Features

7) MedITEX IVF

a) Lab. diagnostics

In Lab. diagnostics, it is now possible to edit, delete and group lab order templates. Reports Letters Search for patients Tools Windows <u>H</u>elp Admintools



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) <u>Demographics and patient search bar</u>

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.

Clinic	System	Drugs	Material
General		Functions	Presentation optio
Editable system tables		Edit system table "Demographics: patient groups"	
Table name Demographics: ethnic group Demographics: information source of patient Demographics: patient groups Demographics: patient groups Demographics: referrer - role Demographics: symbol for patient status Drugs: application area Drugs: prosentation form Examinations: entry type IUI: IUI complications		Items VIP New patient Special patient Paid	Color

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

Demographic data of DEMO, Jane (1)									
Private details	Contact /	Occupation details	Insurance / accounting	Referrir	ng doctor	Patient questionnaire	Web portal		
Patient ID		1		1	Patient	group	VIP	~	
Anonymous ID		tataruna		1	1 erson	with disability	Daid	pationt	
Responsible c	linician	Doe, Jane Dr.		~ 📈	From a	broad	Spec	ial patient	
Location		CRITEX		~	Patient	status	VIP		

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.

	🛃 Oocyte / em	bryo cryo storag	e of DEMO, Jane		— 🗆		×					
	Currently in storage History											
Г	Own material											
3	Follicle aspiration	Cryopreserve d on	Storage date	# Ooc.	# PN	# Emb.	Straw ID $_{\forall}$	Storage location	For donation	Emb.: ID / No	Т	^
	10/06/2010	12/06/2010	12/06/2010		3		2-2	Cryo Tank 1 1 / 1b (CRITEX)		12/2 13/3	2	2
	10/06/2010	12/06/2010	12/06/2010		3		1-2	Cryo Tank 1 1 / 1a (CRITEX)		11/1 14/4 15/5	Q	2
	05/03/2019	11/03/2019	11/03/2019			1				274/1	D	2
	05/03/2019	11/03/2019	11/03/2019			1				284 / 11	Ø	2
	05/03/2019	11/03/2019	11/03/2019			1				277/4	Ø	2
_	31/01/2019	31/01/2019		4				Cryo Tank 1 1 / 1a (CRITEX)			Ø	2

e) Semen analysis

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

\square	After preparation	📒 Use qualit	y assessment					
	Parameter	Files	Preparation					
ative	Preparation date	~	Time 00:00	÷ #				
ž	Preparation by		~	<i>µ</i>				
	Preparation (max. 4)							
Ч	🖉 None		🖉 Unknown	🗇 Unknown				
ion	💭 Density gradie	nt	🖾 Other	🗂 Other				
arat	🖾 Swim-up		🗐 Mechanical	🕅 Mechanical				
rep	💭 Wash / centrifu	gation	🖉 Enzymatical					
er p	Incubation		🗐 Density gradi	🕅 Density gradient plus swim-up				
Aft	🖉 Glass wool filt	ation	🖉 Pellet resusp	Pellet resuspended				
X	Migration / sed	imentation	MACS					
$\left \right\rangle$	Concentration		🖉 Fertile Chip					
C	rvo administratio	n						

f) Cryo administration

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

l	ists					Verzeio	:hnis öffnen 📃 m	iit Dialog		
C	ryo administ	ration			✓ Show QM en	tries	🗴 Delete	Edit		
T ti ii	This list contains an overview about cryopreserved samples of the patients with informations like type of he sample, type of material, number of units per sample, the date of storage and freezing and also nformation about the used cryo storage location.									
0	Cryo administration Drag a column header here to group by that column Image: Cryo administration									
1	Position	Patient n	0.	Anonymous ID	lame	Date of birth	Gender	Stra		
۲	1	1		BCD.W.1.010	EMO, Jane	02/01/1980	F	EME		
6	2	1		BCD.W.1.010	EMO, Jane	02/01/1980	F	EME		
	3	1		BCD.W.1.010	EMO, Jane	02/01/1980	F	000		
	4	1		BCD.W.1.010	EMO, Jane	02/01/1980	F	PN		
	5	1		BCD.W.1.010	EMO, Jane	02/01/1980	F	PN		

g) <u>Settings</u>

Access to the patient file storage can now be restricted. Clinic System General Fu System paths C:\CRITEX\MedITEX IVF\File_Storage File storage path DIR Datenpfad C:\CRITEX\MedITEX IVF\TPS\ FM storage path Plausibilities and exports Access file storage (patient folder) DIR All users 🗹 Basis list Only admin users AKF Lock access Pergoveris NIS 2010 Gonal-f CONSORT NIS / FertigPen Male demographics DEMO, John 01234-56789 Phone: Mobile: 01234-56789 E-mail: johndoe@dem Mother tongue: Capture new image w Dr e natient Open patient directory kelenter 5. CRITEX Location:

8) MedITEX Scheduler

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

If there is only	one res	ource linke	d to the	appointm	ent, the	filter checkbo	ox will remain tick
Patient appoi	Intern	al / gener	al	Search fr	ee time		
DEMO, John Date of birth: 01/01, Phone: 01234-5678 Mobile: 01234-5678 Billing category: Ins Insurance: Test Insu	/1980 (39) 9 9 ured urance	₽-	Subject: Treatmer	nt: Treatments filte CRITEX	ered after link	v red Resources V	
Start of patient ap	pointment	16/05/20)19 ~ 0	9:00	Resour	ce: 🔁 🔞	
	Sta	rt Finish Duration					
Resource	Group	Date	Start	Date	Finish	Duration	
Doe, Jane	Doctor	16/05/2019	09:00	16/05/2019	09:30	00:30	

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

I Patient	Linked resources	Sta 🛆	Room					
♦ DEMO, John	Doe, Jane		Waitingroom 1					
▼ ✓ (Linked resources = Doe, Jane) and (Room = Waitingroom 1) ▼								
(Linked resour	ces = Doe, Jane)							

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

MedITEX Scheduler v2.7.9.0				- 🗆 X
File System Reports Import Info)			
Home Settings				
General	Resources	Working times and constra	Treatments	
App. type / working time	Internal / general app.			
		∕ Edit 👘	N.	
Active Template name	Subject Note		Details	
► ► IVF Appointment	VF Treatment		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.

Patient appoin	tment	Interna	l / general		Search free	time			
Template: IVF Appointment									
Subject: IVF Treatment									
Lock time / resource									
Start of appointme	nt: 16 /	05/2019 🗸	10:30	▲ ▼	Resource:	1			
		St	art	Fi	inish				
Resource	Group	Date	Time	Date	Time	Duration			
Doe, Jane	Doctor	16/05/2019	10:30	16/05/2019	11:00	00:30			
Recurring appoi	nt.	Note:							
Every week	\sim					^ 🔁 🔻			
Until: 16/05/20	20 ~								
Remind user									
15 minutes	\sim								
before the appo	intment					\sim			
Copy appointmen	t	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 \rightarrow Resources after selecting a specific resource to configure.

dit resource "Doe, Jane"							
Resource represents one person	/ group of persons						
Link with user	Doe, Jane Dr. 🗸						
Resource name / description	Doe, Jane						
Resource belongs to group	Doctor ~						
Location	ALL ~						
Colour of resource header	Choose own colour						
Active							
Block linked user for time period if they are in use in an appointment							
	🗙 Cancel 🗹 OK						

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 \rightarrow Configuration / administration \rightarrow Settings \rightarrow System \rightarrow Functions \rightarrow 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. leve		Inv. date	Paym. due d	Date of n	Days ove
•	000005	Open	Invoice	~ .	13/03/2019	03/04/2019	13/04/20	43
0	000006	Open	Inv 📄	Ope	ect person en invoice			43
0	800000	Open	Inv 🤞	Pay invoice				
0	000009	Open	Inv 🥍	Pay Cre	dit invoice	current credit	balance	_
0	000010	Open		Sen	d e-mail		-	
•	000012	Open	nv are 🔯	Pub	olish in webpo	rtal		

Bugs

6) MedITEX IVF

a) <u>General</u>

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) <u>Consents</u>

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

d) <u>Demographics</u>

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.

Version 2.7.8.0

Features

11) MedITEX IVF

a) <u>Task Manager</u>

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

All staff members	are	now	alpha	betically	sorted.

🔄 Task manager						—		Х	
New task Edit task	Delete task	All	Eor me	e Byme	Current	couple			
Open	Solv	ed							
i≣ Date	Task	Crea tor	Staff	Prio	Status	Deadline	Pat.	Doc	^
27/05/2015	Blood Sample Please call the patients to remind them	ivf ivf		<u>.</u>		23/02/2018	DEM O, Jane		~
Task				Staff				~	-
			^	Prio	Staff for	r the task			٦
				Status		LL Clinician			
				Deadlin	e 🖭	_ Embryologist			
				Patient	Ē.	Operating theatre			
				Linkod	to ⊡⊡	_ Lab ⊐ Humon geneticiet			
				Linkeut		Registration			
					Ē.] Documentation			
						Nurse			
			\sim			_ Anaesthetist			
							s Mrs		
Total tasks: 6				_		Doe, Jane Dr	_		
iotal tasks. 0		_			-	™∐ Professor, Doo	ctor Dr		

b) <u>Consents</u>

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.

lame	Consent for cryo storage	
alid from/	└── Active	
alid until	- Mandatory	0
alid for	Both sexes ~	
Group	Cryo storage	~
	One consent can be assigned to several groups. These groups can be defined/edited in System settings (System tables).	7
Template	Consent for cryopreservation.doc	2
	Drag and drop a new consent template here	
Bookmark	□ Use Exists in template	
	<no data="" display="" to=""></no>	

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

Cyc.	Consent name	Consents group	Last changed on	Statu
	Oocyte retrieval consent	Cycle	07/02/2018	
	General consent	Demographical data	30/01/2018	-
	General consent	Demographical data	30/01/2018	0
5	Consent for cryo storage	Cryo storage	28/05/2015	
4	Consent for cryo storage	Cryo storage	31/01/2019	0
	General consent	Demographical data	01/07/2014	×
		 		I
0 v 😒		, , , , , , , , , , , , , , , , , , ,		
D 🗸 😒 Add c	onsent			•
D ▼ 😒 Add c	onsent II mandatory consents			

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

dit consent of DEMO, Jane (1)			X
DEMO, Jane 01/01/1980 ID: 1			
Drag a column header here to group b	y that column		
Consent name	Consent group		
Oocyte retrieval consent	Cycle	0	1
Cryoreservation consert	Not specified	0	1
Cryoreservation consert	Cryo storage	0	_
Note			~ ~
Planned cycle			~
Create consent documents			
	X Cancel	~	ОК

c) <u>Treatments and treatment semen analyses</u>

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.

	Cycle	es Planned	cycles (1)														
3			t i i i i i i i i i i i i i i i i i i i	Egg-treatment in	Donation	Partner	Treatment semen: V	/cle		ET d	Сгуо	PG	Childre	Cyc.	Pro.		٨
	12	01/02/2018	IVF	Fresh IVF	•	DEMO, John	SA 1: IVF - Partner / SA F	05/02/2018: 10 Ooc						0		6	
	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	0		6	
۲	3	01/06/2010	ICSI	Fresh ICSI		DEMO, John	SA 1: ICSI - Partner F	10/06/2010: 8 Ooc			6 PN	None		0		Ē	
	24	01/07/2018	IVF,ICSI [IC	Fresh ICSI		DEMO, John	SA 1: ICSI - Partner F	03/07/2018: 7 Ooc						0		6	
	2	05/04/2010	IUI - partner	No performed trea		DEMO, John	IUI - partner II	l - partner 17/06/2015				None		0		6	
	6	30/01/2018	IVF			DEMO, John	F	30/01/2018: 0 Ooc						0		6	
	5	15/07/2014	ICSI [IVF,IC	Fresh IVF/ICSI		DEMO, John	F	01/07/2014: 9 Ooc	ET 06/07/2	5	3 PN;	1 IU AC		0		G	¥
		Cycles: 33	Asp	pirations: 20		Pregnancie	s. o ciliuren. i						Ove	erall pl	ausibilit	ty: 🛛	

Predefined evaluat	tion lists						-	
Print	M P T							
ists								
Cycle			~	Show QM	l entries	😸 De	elete	👌 Edit
I							GO GO	!
Cycle Drag a column header	here to group by that column						Œ	3
Date of cycle	Treatment semen analysi	i IVF/ICSI: Ood	IVF/IC SI: Ooc	IVF/IC SI: Ooc	IVF/ICSI: 2PN	IVF/IC SI: Ooc	IVF/IC SI: Emt	
Date of cycle	Treatment semen analysi 07/04/2010 IUI - partner	ii IV ⁻ /IC SI: Ooc 0	IVF/IC SI: Ooc 0	IVF/IC SI: Ooc 0	IVF/ICSI: 2PN 0	IVF/IC SI: Ooc 0	IVF/IC SI: Emi 0	Сгуо су
Date of cycle	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner	i IV [;] /IC SI: Ooc 0 9	IVF/IC SI: Ooc 0 8	IVF/ICSI: Ooc 0 0	IVF/ICSI: 2PN 0 1	IVF/ICSI: Ooc 0 7	IVF/ICSI: Emi 0 1	Сгуо су
Date of cycle 11/04/2008 10/06/2010	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner	i IN ⁷ /ICSI: Ooc 0 9 8	IVF/ICSI: Ooc 0 8 8	IVF/ICSI: Ooc 0 0	IVF/ICSI: 2PN 0 1 5	IVF/ICSI: Ooc 0 7 7	IVF/ICSI: Emt 0 1 0	Спуо су
Date of cycle 11/04/2008 10/06/2010 09/08/2010	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner	i IV FICSI: Ooc 0 9 1 8 8 0	IVF/ICSI: Ooc 0 8 8 8 0	IVF/ICSI: Ooc 0 0 0 0 0	IVF/IC SI: 2PN 0 1 5 0	IVF/IC SI: Ooc 0 7 7 0	IVF/ICSI: Eml 0 1 0 0	
Date of cycle 11/04/2008 10/06/2010 09/08/2010 01/07/2014	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner	i IV FICSI: Ooc 0 9 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	IVF/ICSI: Ooc 0 8 8 8 0 9 9	IVF/ICSI: Ooc 0 0 0 0 0 0 0 0 0	IVF/ICSI: 2PN 0 1 5 0 0 3	IVF/ICSI: Ooc 0 7 7 7 0 9 9	IVF/ICSI: Emil 0 1 0 0 0 0 3	
Date of cycle 11/04/2008 10/06/2010 09/08/2010 01/07/2014 09/02/2018	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner	i IV FICSI: Ood 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	IVF/ICSI: Ooc 0 8 8 8 9 9 9	IVF/ICSI: Ooc 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IVF/ICSI: 2PN 0 1 5 0 0 3 0 0	IVF/ICSI: Ooc 0 7 7 7 0 9 0 0	IVF/ICSI: Eml 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date of cycle 11/04/2008 11/04/2008 10/06/2010 09/08/2010 01/07/2014 09/02/2018 14/02/2019	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner	i IV FICSI: Ood 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	IVF/ICSI: Ooc 0 8 8 8 9 9 9 9 0 0	IVF/ICSI: Ooc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IVF/ICSI: 2PN 0 1 5 5 0 0 3 0 0 0 0 0 0	IVF/ICSI: Ooc 0 7 7 7 0 9 0 0 0 0 0 0	IVF/ICSI: Eml 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date of cycle 11/04/2008 11/04/2008 10/06/2010 09/08/2010 01/07/2014 09/02/2018 14/02/2019 09/02/2018	Treatment semen analysi 07/04/2010 IUI - partner SA 1: 11/04/2008 IVF - Partner SA 2: 11/04/2008 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner SA 1: 10/06/2010 ICSI - Partner	i IN FICSI: Ood 0 9 9 9 9 9 9 9 1 9 9 9 9 9 9 9 9 0 0 0 0	IVF/ICSI: Ooc 0 8 8 8 9 9 9 9 0 0 0 0 0	IVF/ICSI: Ooc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IVF/ICSI: 2PN 0 1 5 5 0 0 3 0 0 0 0 0 0 0 0 0 0	IVF/IC SI: Ooc 0 7 7 7 0 9 0 0 0 9 0 0 0 9	IVF/ICSI: Eml 0 1 1 0 0 0 0 3 0 0 0 0 0 9 9	

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

d) <u>Lists</u>

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

	aluation lists				
🚺 🔋	int Import Export				
Lists					
Cryo administra	ation		~ _ Sh	ow QM entries	🔀 Delete 📄 Edit
				< >	GO!
C ryo administr)rag a column hea	ation ader here to group by that column				t E
	Colour 2	In storage (n	Imported from	Special directions	Is sperm donor
Laborfarbe	Standard Planungsfarbe	56			Yes
	Red	131			Yes
Laborfarbe	Lime	1			Yes
Laborfarbe	Lime	1 105			Yes
Laborfarbe	Lime	1 105 105			Yes Yes Yes
Laborfarbe	Lime	1 105 105 0			Yes Yes Yes Yes
Laborfarbe	Lime	1 105 105 0 0			Yes Yes Yes Yes Yes
Laborfarbe	Lime	1 105 105 0 0 0 6			Yes Yes Yes Yes Yes Yes Yes
Laborfarbe	Lime	1 105 105 0 0 0 0			Yes Yes Yes Yes Yes Yes Yes

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.

New patient		×	
New person			
Surname	Name		
Patient ID	Gender	Date of birth	Date of birth
auto-generated	~	age=35 v	01/01/1984 🧹
CRITEX	~		
	X Cancel	V OK	

Bugs

8) MedITEX IVF

a) <u>General</u>

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) <u>Consents</u>

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) <u>SMS</u>

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

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.

Version 2.7.7.0

Features

12) MedITEX IVF

a) <u>General</u>

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

Demographic data	of DEMO, Jan	e (1)										×
Private details	Contact / Oc	cupation details	Insurance / accounting	Referring	g doctor	Patient qu	estionnaire	Web portal				
Patient ID		1		1	Patient	VIP						
Anonymous ID		tataruna		1	Person	with disabi	lity					
Responsible cl	linician			~ 📈	From al	proad						
					Patient	status		1				\sim
Personal infor	mation				Patien	t identifica	tion		Patient stat	tus 1		
Title		Mrs.			Identity	card ID			Patient stat	us 2 us 3		
First name		Jane			Countr	y of issue			Patient stat	tus 4 tus 5		
Surname		DEMO			Social	security nu	mber		Patient stat	us 6		_
Surname at bir	th				Tax co	de						
Gender identity				~								
E Logging of ac	tivities											×
Patient selection			Dieplay	changes fr	rom - unti		Ca	neral search				
T allent selection			27/01/2	019 V	31/01/2) 19 ~		fieral search			0. 👩	2
	Data ahar			egine			Lecking	l la la alúa a af	a a efierra	γ	Casseba	
	Data char	iges		logins			LUCKING/I	Unitocking of	secuons		Searche	
Drag a column he	ader here to g	roup by that column									Œ	3
I Patien	t ID Patie	nt name	Cycle info S	ection	Field		Old value	New	value	Changed on	Staff	
▶ ○ 1	DEMO), Jane	D (0 d	emographi Iemographi ata)	ics Patie	ent status		Patie Patie Patie	nt status 2, nt status 3, nt status 4	81/01/2019 09:04	ivf, ivf	

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 IVF v2.7.7.0										-	· 🗆	>
ile System Import Export	Reports Letters	Search for patie	nts Tools Wir	ndows	Help							
Image: Demo, Jane	•	VIP	Scheduler	Account	ing New pat	ient New coup	le Comm	unication E	mails Labora	tory		
Mrs. DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane Demographics M Demographics M Lab. diagnostics GR2, PA1, AB0, IA0, EC1 PM(4) Initial cons: 0103/2008 M hist: Healthy, No	Cas) £46.01 ledical history emale exam. amples: ResSP(1); D); Emb(24) 07/02/2018	a ii Date 09/07/2018 01/03/2008 01/07/2014 09/07/2018	Messages I Type Message Atten tion intolerance Note Attachment Exam_letter 100312145 	Lab tes Ste t: r 1123	A bet messare 101/04/2013 N	sages Lab ype Message dote Lorem ipsu dolor sit am consectetu adipiscing e Aenean commodo lin eget dolor. Aenean mai cum sociis natoque penatibuse e maonis dis	tests Sta m met, er lift. gula sssa.	Demo Diagnost Lab. di 186cm, 850 Initial cons. Heathy: No	DEMO, Jo 01/01/198 2 graphics ics- agnostics kg, BMI 24.6 01/03/2008 M	Insu ohn 0 (39) Med M 3 samp .hist.: 01	red / Test dical hista ale exam bles /03/2008	Insuranı ŁO.C ory
Preval: OP 4 Prev. ill.: PCO Indic.: Tubal pathology Chromos.: Not performed CFTR: Not determined	Ŷ		ultati on	.y		parturient montes, nascetur ridiculus mu	IS.	Indic.: Impa Chromos.: I CFTR: Not	evere allergy (y) aired spermio Not performed specified	medica gram I	tion	~
ls: Donor (Ooc./Emb.); Needs: \$	Sperm donor	• 😣			•			ls: Sperm	donor			
Overview					^							
Cycles Planned cycles (3)		-					_					
E No. Start ∨ Ireath Don	ation Partner	Sperm	Stimulation	Sti Sti I	ri Iri Cycle	010:10.000		Cryo H	G Childr	Cyc.	Aled Pro.	Cyc
6 30/01/201 IVF	DEMO, John				FA 30/01/2	018: 0.000						
5 15/07/201 ICSL [DEMO, John	None selected	16/07/2014 24	Bri	FA 01/07/2	014:9 Ooc E	T 06/07/0			-		
4 02/09/201 Thaw	DEMO, John	Spermatocele	04/09/2010 154	Go	TA 00/09/2	010:3 PN ET	11/09/20	SEN, I		V		Tor
2 01/06/201 ICSI	DEMO, John	Antegrade eiag	02/06/2010 12	Mo 0	D Pr/ EA 10/06/2	010: 9 Ooc	11/30/20					100
2 05/04/201 ULL nr	DEMO, John	Potrograde ejaci	07/04/2010 13	Co 1	1 En IIII - porteo	r 17/06/2015		Comple Discharge	te Thaw Cycle			
1 03/04/200 IVE IC	DEMO, John	Antegrade ejac	05/04/2008 15	Go 1	0. Ov EA 11/04/2	008:9 Ooc F	T 16/04/2	IVE-ICSI	j⊂ -Letter			
1 03/04/200 101,100	DEm0, 30111	Antegrade ejact	00/04/2000 10	301	0.041711/04/2	000.000C E	.1 10/04/.	Pregnan	cy-Letter -Letter			>
Cycles: 29 A	spirations: 16	Pre	gnancies: 6		Children: 1						plausibilit	y: 🔒
To To Cycle	e details		-			Qo	pen associ	ated med. hist	ory 🝼 Ope	n associ	ated med.	history

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

Cycle letter Administration letter Cycle letter Cycle letter Cycle letter Med history/Examinat	Compl Cryo le Cycle_ Discha	ete Thaw Cycle tter Aspiration	31/01/2019 31/01/2019 31/01/2019	referr er	document	in main windo w	Letter title	
Sycle letter dministration letter Sycle letter Sycle letter led.history/Examinat	Compl Cryo le Cycle_ Discha	ete Thaw Cycle tter Aspiration	31/01/2019 31/01/2019 31/01/2019				IVF-ICSI-Letter	
dministration letter cycle letter cycle letter cycle letter led.history/Examinat	Cryo le Cycle_ Discha	tter Aspiration	31/01/2019 31/01/2019					
ycle letter ycle letter ycle letter eletter el	Cycle_ Discha	Aspiration	31/01/2019				Reminder that patient referrer i	needs to be notified every time this
ycle letter ycle letter ed.history/Examinat	Discha						document is created	arated, ask if the desurport should b
ycle letter ed.history/Examinat	Embry	irge	31/01/2019				saved in the patient storage	erated, ask if the document should b
ed.history/Examinat	Entory	ology_details	31/01/2019		(Ocument can be created from) cycle overview grid in main window
design in the state of the state of	Exam_	letter	31/01/2019				_	
	Folicul	omotry	21/01/2010	E	6	6	Show placeholder	Show SQL-Query
Cycle letter	IVF-ICS	BI-Letter	31/01/2019				Patient ID	<u>onon our aboy</u>
commission relier	Patient	_mo	31/01/2019				Datum	
Administration letter	Semer	n analysis summary	31/01/2019				UE_Arzt Frau Nachname	
Cycle letter	Pregna	ancy-Letter	31/01/2019				Frau_Vorname	
Semen analysis letter	Semer	n analysis 10	31/01/2019				Frau_GebDatum	
Semen analysis letter	Semer	n analysis nativ	31/01/2019				Mann_Nachname Mann Vorname	
Medical history letter	Semer	n analysis prepared	31/01/2019				Mann_GebDatum	
Cycle letter	Transf	er-Letter	31/01/2019				Durch_Beh Gew Emb	

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

F	-ve	lee Plar	ned cw	lee (3)																
	No	. Start	⊽ Tre	atn Donatio	Partner	Sperm	Stimulation	Sti	Sti	Tri	Tri	Cycle		Crvo	PG	Childre	Cvc.	Med	Pro.	Cvc ^
h	10	22/03/2	01 Tha	w	DEMO, John							TA 22/03/2018: 9 Emb	1				0	0		
IF	12	2 22/03/2	01 Tha	w	DEMO, John							TA 22/03/2018: 2 Emb ET 22/03/2	1		1 IU AC		0	0		
IF	7	7 17/02/2	01 IVF		DEMO, John	Not specified	17/02/2018 8d	e 10	D				1				0	0		1E -
IF	18	3 09/02/2	01 Tha	w	DEMO, John							TA 09/02/2018: 9 Ooc	1	9 EME			0	0		
																				>
E		Cycles:	29	Aspir	ations: 16	P	regnancies: 🗧				lder	p: 1					Overa	ıll plau	isibility	: 🕕
Ī	Ð	1	Ē	🔍 Cycle de	tails					2		Q Open assoc	iated	med. hi	story (J Open	asso	ciated (med. hi	story
С	nic	: CRITE	X Gml	ьН	User: ivf, ivf	Open	tasks - <u>for me: '</u>	1/1	Dy I	ne:	3/	current couple: 2					Thu	31 Ja	n 201	9 10:02

c) <u>Settings</u>

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.

Clinic		System		Drugs		Material	
	General		Functi	ions		Presentation option	15
General	Statistics	Colours					
Vindow settings				Calendar overv	iew		
Save size and po	osition of program's mai	n window when exiting (per us	er)	Weekend days:			
				Friday			
Cycle				Saturday / Saturday	Sunday		
Overview/stimulat	ion calondor			Mark holiday	s in calendar of cycle o	verview in colour	~
overview/sumulat	ion - calender						
Column width of ca	alendar		50 👤	Holidays			
Order of sections i	n calendar of cycle overv	iew		Date	△ Holiday		
1. Medication	~			01/01/2018	New Year's Day (N	leujahrstag)	
2 Lab results	~			06/01/2018	Epiphany (Heilige	Drei Könige)	8
2. Lub results				30/03/2018	Good Friday (Karfr	eitag)	
3. Ultrasound	~			02/04/2018	Easter Monday (O	stermontag)	
Display cycle da	av in calendar of cvcle ov	erview		01/05/2018	Labor Day (Maifeie	ertag)	
				10/05/2018	Ascension Day (C	hristi Himmelfahrt)	
with a bint and	aining planned examinat a red triangle in upper rid	ions in calendar of cycle overvi	lew	21/05/2018	Whit Monday (Pfin	gstmontag)	
with a first and t	a rea mangie in appering	jin conter		31/05/2018	Corpus Christi Da	y (Fronleichnam)	
Mark cells conta	aining planned examinat	ions in calendar of cycle	~	15/08/2018	Assumption Day (Maria Himmelfahrt)	
- overview in cold	ur			03/10/2018	Day of German Ur	iity (Tag der Deutschen Einheit	0
Culture				31/10/2018	Reformation Day (Reformationstag)	
Number of culture	dave (columne) in graph	ical representation	7	01/11/2018	All Saints Day (Alle	erheiligen)	
reactiver of culture	aaya (columnis) in graph	icarrepresentation		21/11/2018	Repentance Day (Buß- und Bettag)	
🗹 Order oocytes in	n the graphical represen	tation of the culture by quality		25/12/2018	Christmas (1. Wei	hnachtstag)	
Show original tr	eatment of thawed PNs	and embryos		26/12/2018	2nd Christmas Da	iy (2. weihnachtstag)	
in the graphical	representation of culture	e					

d) <u>Consents</u>

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.



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.

Follicle aspiration 31/01/2019 V H Patient ID 1 DEMO, Jane]°, →
Date of freezing 31/01/2019 V 11:21 + //	
Cryopreserved by	
Cryo technique Cryo contract Cryo technique	
Clinic of origin	
Storage date	
Stored by	
Straw ID	
Status V	
# Straws 4 Please confirm: X	
Material For this amount of straws there are not enough free places in the chosen storage position. Proceed anyway?	
# Ooc. 4 # <u>Yes</u> <u>No</u>	
Total number PN 0 Total number Emb. 0 not linked with a cycle.	do is
Preserv. using cryo storage	
Storage location Position Colour	
# Free places: 1	

Clinic	System	Drugs	Material	Lab	Cryo storage	Incubator	Free / QM fields
sage of cryo sto Female cryo: f	prage reeze with cryo s	torage 🔽 Male cryo	freeze with cryo storage				
ryo storage dim	nensioning	70	N			Example of	storage configuration
ryo container Drag a column hea	ader here to group	by that column	Cryo container		🖉 Edit		
Description	Туре	Max. number of straws the last level	Description	Cryo Tank 1		Туре	
Cryo Tank 1	Female		20 Location	CRITEX		🗹 Ooc. / emb.	Sperm
Cryo Tank 2	Male		30	SATIEA	÷		
Tank Emb	Female		10 Available positi	ons (max. number o	of straws) in last storage le	vel (goblet)	20 🌲
Tank Sp	Male		10				
			LevelA		Level B	Level C	
			Tray1		Tray2	Tray3	
			1		A	1a	TO
			2		В	1b	
			3		С	1c	
			4		D	1d	1

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.

Contract creation date	09/07/2018
Contract	12 months
Contract start	09/07/2018
Termination date	31/01/2019 🗸 🚀
Termination reason	~

f) <u>Report editor</u>

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.

Report editor: Result - Cycle_A	spiration				— 🗆
Refresh result Utiliz	e as Prin	t Export	Administrate letters	Ollin Σ ≡∦≡ ± ∓ Statistics Sum Average Min Max	
Cycle_Aspiration					
Query result	Word	module	Rich Text Mod	ni	
			Paralamenta	Metue	Customize template
laceholder		Utilize	Bookmark	Value	
ycle.Attending clinician		Yes	Attendingclinician	Dr. John Doe	
vcle.Cycle ID		Yes	CycleID	4	
ycie.Date of creation automat	icany generated	Yes	Annalicallygenerated	21/03/2011	In order to activate this
ollicle aspiration Date of follic	le asniration	Voc	folliclesspiration	11/04/2008	tunctionality the use of the
ollicle aspiration Follicle aspi	ration technique	Yee	aspirationtechnique	Transvaginal	using "Utilize as" button, so the
ollicle aspiration No. of aspir	ated follicles	Yes	faspiratedfollicles	9	the template can be invoked in t
ollicle aspiration No. of collect	ted oocytes	Yes	oofcollectedoocvtes	9	respective program section.
ollicle aspiration.Operating cl	inician	Yes	Operatingclinician	Dr. Jane Doe	In the system settings you ca
ersons.Age		Yes	Age	39	aditionally group templates of
ersons.Date of birth		Yes	Dateofbirth	01/01/1980	type.
ersons.Partner: name		Yes	Partnername	DEMO, John	
ersons.Partner: patient ID		Yes	PartnerpatientID	2	
ersons.Surname, first name		Yes	Surnamefirstname	DEMO, Jane	
Embryo images]		Yes	EZ_0		
Ultrasound images					
Embruo imagos					Create/customize
Embryo images	2 Net				template
Semen analysis images		live			
Signatures Barcode	> Aft	er preparation			Edit template
Date format	>				Contemplate
Time format	>				w
Current user					
Witnessing	>				Generate letter/template
€ Additional placeholders			harks		

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)								×
Coll	lection date	04/07/2018 ∨	Time 00:00 📮	#	Abstinence period [d]		Start of analysis	00:00	1	~ %
Tha	wing date	\sim	Time 🔹		Analysed by			~		
Sam	nple ID]	Appearance			~		2003
Purp	pose	None	~]	Smell			~	j	2 CD2
For	donation				Viscosity			~		Browse
Coll	lection method	TESE	~]	Liquefaction time [min]) 📈 🛛 Agglutin	ation 🐑	J	4
Coll	lection place		~]	Treatment					+
Coll	lection difficulties]	Score					¥
	Native	🕥 Use al	ality assessment			DNAFra	agmented [%]		1	
	Parameter	Files				_	Diagnosis	Approva	al stat	tus
ę	spermiogramm_1_1	6.jpg spe	rmiogramm_2_17.jpg			[[Diagnosis	Арргон	ii Stut	
Nati		and all the				NOT S	pecified			~
						Findin	ig Norm	al	A	bnormal
						Note				
		and stars								^
atior										
para		3 8 ⁹ 9								
pre										
After										
nts										
me						Time be	etween collection and	usage		00:00
Doct						Numbe	r of insem. motile spe	rms [x10 ⁶]		
		🛱 Add file	Export image			Insemir	nated amount [ml]			
						24h Mo	tility rate [%]		ļ	
N	Generate	letter	🔿 Change natier	nt	-		×	Cancel		V OK
			, shange parer				~	Cancol		• • • • •

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.

Gen	eral		Resource
Scheduler	Holidays	Other	SMS templates
Scheduler view		15	Minutee
Scheduler time scale		15 🗸	minutes
Font size of appointment		8	
Open with double click on of this patient (instead of	a patient appointme showing the appoint	ent the list of appoin ment details)	itments
Composition appointment title (Patient ID - Name, first name	e e) patient I patie I patie	age,treatment name nt age ment name	e,treatment icon
System	✓ treat	ment icon ys show treatm. tim r show treatm. time	e

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

esource selection		Thursday, 31	January 2019
~		Doe, John	Assistance, Miss
Define All	15		
Special view 💌	30	1 - VIP - DEMO, Jane (39) Cash / Insemination	1 - VIP - DEMO, Jane (39) Cash / First Consultation
With appointments	45		
Channel and	11 00		
ate and visnow only reso	burces with	appointments for the selected date	-
Day Week	30		-
Today: 31/01/2019	40	1 V/P DEMO Jane (20) Cash / Bragagaoy Test	
January 2019	1200	1 - VIP - DEMO, Jane (39) Cash / Pregnancy rest	
MTWTFSS	30		
31 1 2 3 4 5 6 7 8 9 10 11 12 13	45		
14 15 16 17 18 19 20	13		
21 22 23 24 25 26 27 28 29 30 31	15		
	30	1 - VIP - DEMO, Jane (39) Cash / Control	
February 2019	45		
1 2 3	14		1 - VIP - DEMO, Jane (39) Cash / Ultrasound
4 5 6 7 8 9 10	15		A MA LARD DENO Long (00) Cont (Ultransmid
11 12 13 14 15 16 17 18 19 20 21 22 23 24	30 45		TTT - VIP - DEMO, Jane (39) Cash / Okrasound
25 26 27 28 1 2 3	15.00		
4 5 6 7 8 9 10	15 15		
	H H +		•

Bugs

14) MedITEX IVF

a) <u>General</u>

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.

				Barcode Labels X	N	ote
Assign / Edit matchcode		×	a `	Jane DEMO	×	a `
Name Date of birth Patient ID	Mrs. DEMO, Jane 1980-01-01 1	Changed on 31/01/2019	(a)	Date of birth: 01/01/1980 Patient ID: 1 (Female demographics)		a
MedITEX section QM field Code	Female demographics Alcohol consume 1110000000260		1	# Copies 1		-2
Please scan the barc	ode or place	Print Vith options Print with options Constant of the second se	lly	OneNote Template Dymo_Ten Barcode type bcCode12 Microsoft XPS Document Writer Microsoft Print to PDF KONICA MINOLTA PS Color Laser Class Fax	ss Driv	er

b) <u>Cycles</u>

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.

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.

Сгуо	PG	V	Children
	Pos. test		
	2 IU AC (2 HB) [1]		1
i l	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) <u>Cycles</u>

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

c) <u>Laboratory</u>

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.

	Pathology result	s 🔏 Lab orders				
	Drag a column header h	ere to group by that colu	mn			
3	Date V	Туре		Group	Sample ID	Parameter
	15.10.2018	Hormones		General	1232	Progesterone
	15.10.2018	Hormones		Caparal	1000	LH
	15.10.2018	Hormones		Approval status: app	roved	 HCG
	15.10.2018	Hormones	A	Approval status: atte	ntion for	FSH
	15.10.2018	Hormones	-	Export to Excel		E2
	16.03.2017	Serology		Print Grid		Hepatitis B
	16.11.2016	Serology	-	General	341209	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) <u>Report editor</u>

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

g) <u>Settings</u>

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) <u>General</u>

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) <u>Cycle</u>

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.

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) <u>Report editor</u>

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) Croy contract management

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

h) <u>Consents</u>

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

i) <u>SMS</u>

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.

Version 2.7.5.0

Features

1) MedITEX IVF

a) <u>Demographics / Private details</u>

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.

vate details	Contact / Occupation details	Insurance / accounting	Referring doctor	Patient questionnaire	Web portal	
ecommend	ations					
		Gynecologist	Urologist	Addition nformation		
Clinic was	recommended by			Clinic XYZ		
Other fertili	ty clinics were recommended by					
Other reco	mmended fertility clinics					
Clinic was	not recommended by					
No other fe	rtility clinics were recommended	by 🗌				
formation s	ources of the patient					
				Additional Information		
Unkn	own					
Flowe	erKid					
Docto	or/clinic					
Friend	d					
Intern	et					
News	paper					
🗌 Maga	zine					
TV 🗌						
Lectu	re					
Other						
ormation sou	urces can be customized in System s	ettings (System tables).				
atient ID	123456					
Date of initia	al consultation 01.03.2008	1				
Patient refer	rers Dr. Susan I	House, Dr. Any Where				

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.

ſ	Pathology results 🔏 Lab orders					
	ag a column header here to group by that column					
3	Date ⊽	Time	Туре	Group	Sample ID	Parameter
3	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
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.

C Lab overview of all patients		- 1	⊐ ×
Lab results Lab orders			
Sample D (order no.) Entry date from until Cinician / Altention for Approved status.			2
Entry date Sample ID (order a: P attent) Location Far. Clinician Apr. Attention for Open statest Open sta	Abnormal Alert	Print Approve	
12.12.2012 Rhesus Formula not performed AT III 50 IL/ml OK:		•	
Androstendione 25 ng/ml HBV DNA 50 GE/ml auffallig		•	
- Linked documents			
Comment			
4 4 5 6 6 6 7 7 8 6 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 8	Apply	✓ Approve Re	esults
Grouped results (Sample ID)		√ 0	llose

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.

6	🛃 Lab ov	erview of all patients											- 0	\times
	Lab resu	Its Lab orders												
I	Filter:	Sample ID (order no.)	Entry date from until 03.11.2012 V	Clinici	an / Attention for	Approval status	status / atten	tion Display se	men analyses					2
	Entry 03.10	date Sample ID (orde	Jane, DEMO	Location CRITEX	Finc Clinician	App Attention for App Doe, John Dr.		2 Open patient Open Sci	heduler Status: Normal	Status: Abnormal	Alert 👻	Print	Approve	
ł	16.11	.2012 541269	Jane, DEMO	CRITEX	🚾 Doe, John Dr.			Patient:	Jane, DEMO (123456)	01.01.1980				
	27.08	.2015 14225	Müller, Sabine	Regensburg	🔀 Doe, John Dr.	<u> </u>		Sample ID:	1232					
	12.12	.2012 53294	John, DEMO	Regensburg	🚺 Doe, John Dr.			Ordered by:						
								Laboratory:						
								15 10 2018						
								E2	25 pg/ml		2	v		
								FSH	12 mlU/ml	OK		~		
							n	HCG	13 mlU/ml	0		<u> </u>	Doe, John Dr.	~
								LH	14 mlU/ml		0	<u>A</u>	Doe, John Dr.	~
							>	Linked documents						
								Comment						
	4 Image: A constant of the second sec	((Sample ID (order no.) = 1 d results (Sample ID)	232) or (Sample ID (order no.) = 14225) ·	or (Sample ID (orde	er no.) = 53294) or (Sample	e ID (order no.) = 541269) C	stomize	Set attention for:	× 🗈 (\land Apply			Approve Result Close	ults

d) <u>Consents</u>

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.

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.

🔄 Female medical history of Jane, DEMO (123456)	×
📝 Edit layout 🔻 🖨	
Potential sternity factors	^
Sterility factors	~
□ Sterility factors, ordered by relevance (max. 4)	
Sterility factor 1)	✓
Note	
Medical opinion / note	
Note	Additional information: Sterility factors: Endometriosis
General	
Marital status	

f) <u>Cycle</u>

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.

_											
File Syste	m Import	Export	Reports	Letter	<u>Search for patients</u>	Тос	ols	Windows	<u>H</u> elp		
		D 🔧	- (l I	etters /F-ICSI-Letter	•	t labe	els M	Nessage	•	5cheduler
🔶 ★ 🔺	Jane, D	EMO		🖻 I	/F-Letter		n, C	DEMO			
ID: Date of birth:		123450 01.01.1	🖻 P	regnancy-Letter		of b	oirth:	2 / 0 12.03.	1975	(43)	
WEB VI	Billing ca	category: Private		Thawing letter		•	g ca	ategory:	Privat	e	()
Overview	/ 🔳 🍕	Cult	ure	0	Cryopreservation letter	•	Lu	iteal pha	se	F	regnancy
Start: 15.0	9.2012	#Ooc	.: 4 #2PN	۰ L	Last day cells letter			Create W	/ord doc	umen	t 12
Treat.: Tha	w cycle	#Emt	b: 2					Create P	DF		2
	_					_	0	Preview			
Culture	Culture						-				
			Treatments and treatment semen analyses					Print			
8	Cryo thawing	SP		08.10.	2012 - IVF - partner			Edit prin	tout tem	plate	form

		T EXPERTS	C	Culture cells		Critex Stobäusplatz 4 Regensburg 93047 Tel: 0941-59939333 Fax: 0941-59939333 support@critex.de			
PATIENT PARTNER Name: Jane, DEMO Name: John, DEMO ID: 123456 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.

Oocyte / embryo details			×
Ooc. ID Culture day	2 / 213 09.10.2012 (Day 1)	Embryo cells Dimensions Classification	??? *
Embryo age [d]	1	Uniform cells	Scroll
Stage	2PN ~	Multinucleation ~	4
2PN 1st observation	~	Fragmentation ~	* *
Score	Time after insem. [h]	Compaction ~ * 24 + 23 [h] cal prm	+
Ooc. group	~	🔄 Granurar cytoplasm	
Clinician	~ <i>¥</i>	Vacuolisation	
Embryologist	~ <i>H</i>		

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.

Cryo of Jane, DEMO	(123456)								_				
Cryo ET				Cryo thawing of Ja	ane, DEMO (12	3456)			×				
Thawed samples			-	Original follicle	aspiration	29.11.2012	\sim		A	-			
E Cycle ID (Cryo)	Date of thaw	Ooc. vital av	PN v	Date of cryo pre	servation	29 11 2012	stora(
I 2	8 15.10.2018	11-11-0	0-0-0	Ourle ID (Orea)		28			∠ 🖸				
				Cycle ID (Cryo)		20							
-	•			Clinic of origin									
	T			Embryo age									
	_			Thawing date		15.10.2018	~ 11:55	- 🖊		_			
🗙 🗹 (Cycle ID (Cry				Thawing techni	ique				stomize				
			-	Thawed by		1							
🚳 Cryo thawing	💧 Cryo thawing 🛛 🔂 Delete thawing									Close			
		Embryo arrest	1	Oocyte total	11	PN total	0	Emb tot	al 0				
		Atr. / discarde	d	obcyto total				2110 101					
ц		L	-	Ooc. vital	11 🌩	PN vital	0	Emb vita	l 0				

g) <u>Settings</u>

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).

	Clinic	System	Drugs	Material		Lab	Cryo storaç	je			
	Groups / Manufacturer	Articles / Batches									
Drag a col	imn header here to group by that column					Material administrat	lon	~			
Active	Group	Manufacturer		Article	Cerificate checked by	Group					
	Plastic	GPS		16W		Cryopreservatio	n	~ /			
	Unknown	Unknown		534431345132		Manufacturer					
	Group 2	Humagen		Article 5589		Kitazato		~ 📈			
I 🗹	Cryopreservation	Kitazato		Cryotop Ru, Julia		Article					
	Media	LifeGlobal		Fertilisation		Cryotop					
	Media	LifeGlobal		GlobalTotal							
	Media	LifeGlobal		Oil		Article number	Article number				
	Punction- / transfer articles	Gynemed		Oocyte aspiration needle							
	Punction- / transfer articles	Cook		Oocyte aspiration needle		Added a see be use					
	Punction- / transfer articles	Cook		Tool		Andre can be us	ed				
	Group 2	Braun		article 2		Warn if quantity	is less than				
						Certificate chec	ked				

2) MedITEX Administration

a) Multiple select of clinic locations for each user

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

This setting has been extended so it is now possible to specifically assign <u>one</u> or <u>more</u> 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

	act details	User settings
ser name juru		
Jser has access to patient data from		
Regensburg, MediTEX		•
MedITEX		
Login MedITEX IVF	Restore	rights
Login MediTEX Accounting	Restore rights which whi	vere valid before
Login MedITEX KPI	user account has bee deactivated.	n automatically
Change patient/couple/anonymous l	D	
Change textblocks	<u> </u>	
View confidential entries		
🖂 View donor personal data		

Bugs

1) MedITEX IVF

a) <u>Planned cycle</u>

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) <u>Consents</u>

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

- 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.

Version 2.7.3.0

Features

1) MedITEX IVF

a. <u>General</u>

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.

Drugs editor

	Product	Medikament xy	Active	
	Hyperlink	http://wiki.meditex-software.com/index.php?title=Main_Page		B
1	Drug code			
	Group	Additional medication V Colour		` ~
	Application	n area		
	Cycle p	rog. Down-Reg. (ultralong) Other		
	🗆 Down-F	Reg. (long) 🛛 Down-Reg. (ultrashort) 🗌 Stimulation		
N	ew medication			×
[Drug	Drug code		
l	http://wiki.medi	tex-software.com/index.php?title=Main_Page		
	Application do	main		
	Other			
S	Start	Time x days Daily dosage Dosage frequency	/	
	11.06.2018	Aerosol]		

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.

×

File	System	Import	Export	Reports	Letters	Sear	ch for patients	Tools	Windows	Help				
-		6	28	- <	8/8 -		Cycle details	Print	Print labels	3	Message	•		
WEB	VIP	DEMO ID: Date of I Billing c	, Jane birth: ategory:	1 01.01 Cash	Cycle Cycle Cycle	no. 1 - no. 2 - no. 3 -	Treatment: IVF, Treatment: IUI - Treatment: ICSI	ICSI partner	ohn h: gor	2 1.01	1.1980 (3	38)		
<u>O</u> v	Overview 📦 🕑 Aspiration				Cycle	ea								
Sta Tre	Start: 01.05.2017 17.05.2017 00: Treat.: IVF #Ooc: 6				Cycle	Cycle no. 6 - Treatment: VEICSI p: 0 OHS								
-	_	_		_	Cycle	no. 7 -	Treatment: ICSI				_	_		
C	cle over	view			Cycle	no. 8 -	Treatment: IVF							
Trea Egg Mai Pro	atm.: IVF -treatmen n indication tocol:	[IVF] nt info: Fro on:	#Emb.: esh IVF	0 [0]				D S (I T	ate of LMP: timulation: (Bemfola 75 IU, riggering: 1	01.05.2 04.05.2 Purego 5.05.20	2017 2017-14.05. on Pen) 017 [uhCG]	2017 [(Breva		

In the Presentation options (System \rightarrow Configuration / administration \rightarrow Settings \rightarrow System \rightarrow Presentation options \rightarrow 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 He

rile System Import E	xport Kep	Jons Le	tters <u>s</u>	search for p	-	00is V	vindows	<u>n</u> eip						-		[177]		
🕤 🗴 🕵	2 🔏 🗸	1/:	21 -	Cyck	≝R. e details	Print -	Print labe	ls 🔻 N	lessage	Sche	duler .	Accounting	- Der	nographic	s Me	tical histor	у ^т Б	رح kaminatio
DEMO J	ane			DORES		MO.	lohn			01	10							
ID:	12	23456789	ODEM	0	ID:			2		Surve	ev ID:	4						
Date of birt	h: 01	1.01.1980) (38)	-	Da	te of bir	th:	01.01.19	80 (38)	Coup	le code:	2						
WEB VIP Billing cate	gory: C	ash		-	VIP Bill	ing cat	egory:	Insured	1	Cycle	billing:	Casl	h	Att. cl	nician: Doe	, John Dr.		
Overview	<u>A</u> spiration	on	<u> </u>	<u>C</u> ulture	<u> </u>	<u>T</u> rai	nsfer	V	Luteal	phase	V	Pregnan	су	<u> </u>	rth	<	2	
Start: 03.04.2008	11.04.200	8 08:00		#Ooc.: 8 #2P #Emb: 2	Ns:6	16.0 #Em	4.2008 00:0	0	Medic.:	Progestero	one	02.05.2008		31	12.2008 hildren: 1			
Treata IVI, icol	#000.0			FEITID: 2			10.2		01133.1	ione		HUAC: 2		#0	indicit. I			
Cycle overview																	~	
M. M. (?	📍 April 08																	
Oocyte triggering	Th 03.	Fr 04.	Sa 05	5. 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
Yes	▼ 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Events	Ŀ							TG	FA					ET				
[-] Ultrasound					0													
Examination			v		۵		ā		✓									
[-] Follicle US: NUMERIC	-	_					-		-			_						
Endom. [mm]	_		5		3		6		6									
	_		11		34		35		9									
Dight lead foll	_		10		22		22		12									
Right lead. foll.	-		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 Balaw 40	_		0-0		2-0		0-0		0-0									
Below 10	_		0-0		0-3		0-0		0-0									
[-] Hormones	-																	
F2 [pg/ml]					150		220											
FSH [mlU/ml]					8.5		10										10.9	
HCG [mlU/ml]																	5	
LH [mIV/ml]					6,8		25											
Progesterone [ng/ml]					0,15		0,2										1,5	5
[-] Medication																		
Fostimon [IU]		. –		120	120													
Gonal-f Pen [IU]			1	50 150	150	15	0 150	5	123									
Menogon [IU]							150	150	150	150	20	200	200	200	200	200	200	s .
Ovitrelle [µg]								5000										
Progesteron [mg]	-	-												0.50	0.50	0.50	0.50	0 0
Ustrogen [mg]	25	25		15														

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.

) Friday Saturday	Sun	dav	
lidavs		;	
Date		Holiday	=
01 01 2018		New Year's Day (Neujahrstan)	
06.01.2018		Epiphany (Heilige Drei Könige)	-23
30.03.2018		Good Friday (Karfreitag)	0
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 Einhei	
31.10.2018		Reformation Day (Reformationstag)	
01.11.2018		All Saints Day (Allerheiligen)	
21.11.2018		Repentance Day (Buß- und Bettag)	
25.12.2018		Christmas (1. Weihnachtstag)	
26.12.2018		2nd Christmas Day (2. Weihnachtstag)	

M M	0	March 18				April 18							
Oocyte triggering	•	We 28. 9	Th 29. 10	Fr 30. 11	Sa 31. 12	Su 01. 13	Mo 02. 14	Tu 03. 15	We 04. 16	Th 05. 17	Fr 06. 18	Sa 07. 19	
Events													
[-] Ultrasound													
Examination													
[-] Follicle US: NUMERIC		e											
Endom. [mm]													
Tetal													

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 pregnan	су		Positive PG test	Last bH Date:	CG:
Progress Ultr	asound							
Clinical pregnant		21.06.2018	\sim	Amniotic cavities: No. intrauterine	0	No. extrauterine	2 🔹	
Calculated birth of		08.03.2019		If EU > 0: Was the pregnancy	Yes	Date	~	
No. of pregnancy	iil today	[0+6] therefore terminated? C						

d. OHSS Report

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

OHSS status 🤌 WHO 🗸	Degree III 🛛 🗸 Degree I 🗸 🗸
OHSS measure	Hospitalisation V
Adverse side effects	Yes 🗸 🗸
Days in hospital	0 Surgery
Nosocomial infection	~
Date of reaction	12.06.2018 ~

e. <u>Labels</u>

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

f. Semen analyis

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.

Configuration			- D X
Letters from report editor			
Drag a column header here to group by that column			Type of letter Cycle letter
Type of letter	Letter title	Notify referrer	Document type
Cycle letter	Complete Thaw Cycle		
Administration letter	Cryo letter		Letter title
Cycle letter	Cycle_Aspiration		Embryology_details
Cycle letter	Discharge		Reminder that patient referrer needs to be notified every time this
Cycle letter	Embryology_details	2	document is created
Med.history/Examination letter	Exam_letter		Before the letter has been generated, ask if the document should be
Administration letter	Foliculometry		saved in the patient storage
Cycle letter	IVF-ICSI-Letter		Show placeholder Show SQL-Query
Administration letter	Patient_Info		name
Administration letter	Semen analysis summary		pat_id
Cycle letter	Pregnancy-Letter		retrival date
Semen analysis letter	Semen analysis 10		ooc_from_FA
Semen analysis letter	Semen analysis nativ		MI_from_FA MI_from_FA
Medical history letter	Semen analysis prepared		GV_from_FA

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 IVF v2.7.3.0		– 🗆 ×
File System Import Export Reports Letters	Search for patients Tools Windows Help	
🗸 🖒 🎮 DEMO, Jane	VIP Scheduler Accounting New patient New couple Communication Emails	Laboratory
Mrs. Cash DEMO, Jane 01.01.1980 (38) £46.00 1234567890DEMO	Image: Messages Image: Lab tests DEMO, Joh 01.01.1980 Image: Date Type Message Stat	Insured / Test Insurance In (38) £0.00
Demographics Medical history	O1.03.2008 Atte aspirin ntio intolerance 1 n O1.04.2013 Note Lorem ipsum dolor sit amet, consectetuer Demographics	Medical history
Lab. diagnostics Female exam.	01.07.2014 Not Attachment e : Exam_lett er	Male exam.

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).

g a column header here to gr thry date Blood as 5.06.2015 17.06.20 5.06.2015 17.06.20 5.06.2015 18.06.20 5.06.2015 17.07.20 6.02.2018 16.02.20 6.02.2018 16.02.20 6.02.2018 16.02.20 6.02.2018 07.04.20 1.03.20208 01.04.20 8.06.2008 08.06.20 1.04.2008 11.04.20 1.04.2008 12.04.20 1.04.2008 11.04.20 1.04.2008 22.04.20 1.04.2008 22.04.20 1.	group by that column anample d Sample ID (orr of10 010 014 014 015 015 016 008 008 008 008 008 008	er Patient DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jane DEMO, Jann DEMO, Jann DEMO, John DEMO, John	Patient ID 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	Type Other Other Hormones Serology Hormones Hormones Hormones Hormones Hormones Hormones	Finding status	Parameter Endometrium Endometrium E2 anti-HBC Anti-Muellerian-HC Progesterone HCG LH LH	Param, abbrevia E E E E HBCAK AMH PROG HCG LH LH	Value o 0 2 negative 12 1 800 2,38	Unit pg/ml pg/ml ng/ml mlU/ml mlU/ml	Clinician Clinician Doe, John Dr. Doe, Jane Dr.	Approval status	B (
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1.04.2008 22.04.20 1.04.2008 07.04.20 1.04.2008 11.04.20 1.04.2008 22.04.20 1.04.2008 08.06.20 1.06.2008 08.06.20 1.04.2010 07.04.20	008 008 008	DEMO, John DEMO, John	2	Hormones				3,58	mIU/mI			
7.04.2008 07.04.20 1.04.2008 11.04.20 2.04.2008 22.04.20 3.06.2008 08.06.20 7.04.2010 07.04.20	008 008	DEMO, John	2	Linmanan		LH	LH	2,89	mIU/mI			
1.04.2008 11.04.20 2.04.2008 22.04.20 3.06.2008 08.06.20 7.04.2010 07.04.20	008			Hormones		FSH	FSH	2,96	mIU/ml			
2.04.2008 22.04.20 8.06.2008 08.06.20 7.04.2010 07.04.20		DEMO, John	2	Semen analysis								
8.06.2008 08.06.20 7.04.2010 07.04.20	008	DEMO, John	2	Hormones		FSH	FSH	3,54	mIU/mI			
7.04.2010 07.04.20	008	DEMO, John	2	Hormones		FSH	FSH	4,21	mIU/mI			
	010	DEMO, John	2	Semen analysis	OK							
0.06.2010 10.06.20	010	DEMO, John	2	Semen analysis								
7.06.2014 27.06.20	014 3	DEMO, John	2	Serology		Hepatitis B	HEPB	negative				
.06.2014 27.06.20	014 3	DEMO, John	2	Serology		anti-HIVI + HIVII	HIV	negative				
0.06.2010 10.06.20	010	DEMO, John	2	Semen analysis								
5.02.2018 05.02.20	018	DEMO, John	2	Semen analysis								
5.02.2018 05.02.20	018	DEMO, John	2	Semen analysis								
0.06.2014 30.06.20	014	Rossi, Maria	104555	Serology	OK	anti-HBc	HBCAK	negative				
2.09.2013 02.09.20	013 00258	John, John	3	Semen analysis								-
2.09.2013 02.09.20	013 00258	John, John	3	Semen analysis								
.02.2018 05.02.20	018	John, John	3	Semen analysis								
								***				-

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".

Complete D	(and as an a)			Malalas / Alkankas das	A server al status						
er:		~ ×	~ 🖊 [ancian / Attendon for	✓ all ○ approve	ed 🔿 no status / attention	Display semen analysis				
Entry date	Sample ID (order no.)	Patient	Finding	Clinician	^	2 🖪	OK I		. 12		
02.04.2018		DEMO, Jane	OK	Doe, Jane Dr.		Open patient Open Sche	duler Status: Normal Status: Ab	inormal	Alert	Print	
8.02.2018		Mike, Mike		ivf, ivf		Patient:	DEMO, Jane (1) 01/01/1980				
6.02.2018		DEMO, Jane		Doe, John Dr.		Sample ID:	1				
8.02.2018		Mike, Mike	OK	ivî, ivî		Ordered by:	Doe, John Dr.				
8.02.2018		Mike, Mike	OK	ivf, ivf		Laboratory:					
5.02.2018		DEMO, John		ivf, ivf							
5.02.2018		DEMO, John		ivf, ivf		10.04.2014					
00.0010		John, John		w, w		Hepatitis C	negative				
.06.2015	1	DEMO, Jane		Doe, John Dr.		HIV1 Ab (Westernbl	< negative				
	-	DEMO, Jone				Hepatitis B	negative				
5.06.2015		DEMO, Jane				anti-HIV I + HIV II	negative			•	
5.06.2015		DEMO, Jane				E2	2 pg/ml				
5.06.2015		DEMO, Jane				Anti-Muellerian-Hor	112				
5.06.2015		DEMO, Jane				02.06.2014					
5.06.2015		DEMO, Jane				U2.00.2014	a casting		E		
5.06.2015		DEMO, Jane				HIV1 Ab (Westernbl	negative		0		
5.06.2015		DEMO, Jane				Honatitis B	negative		0		
5.06.2015		DEMO, Jane				anti-HIV I + HIV II	negative		0		
5.06.2015		DEMO, Jane				F2	2 ng/ml		0		
5.06.2015		DEMO, Jane				Anti-Muellerian-Hor	112		2		
5.06.2015		DEMO, Jane	OK								
9.05.2015	000000799	Test, Julia				27.06.2014					
2.07.2014		DEMO, Jane	OK			Hepatitis C	negative			0	
2.07.2014		DEMO, Jane				HIV1 Ab (Westernbl	<pre>negative</pre>				
1.07.2014		DEMO, Jane				Hepatitis B	negative				
1.07.2014		DEMO, Jane				anti-HIV I + HIV II	negative				
1.07.2014		DEMO, Jane				E2	2 pg/ml			0	
1.07.2014		DEMO, Jane				Anti-Muellerian-Hor	12				
0.06.2014		Rossi, Maria	OK			47.07.0044					
7 06 2014	3	DEMO John				17.07.2014			e7		
87						Hepatitis C	negative				

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.

		Saturday, 2	3 June 2018
	Doe, John	Doe, Jane	Assistance, Miss
45			
09.00			
15			
30			
45			
10 🗠	1 - VIP - DEMO, Jane (38) Cash / Blood sample		1 - VIP - DEMO, Jane (38) Cash / Follicl. Asp. Jane
15			
30	-	1 - VIP - DEMO, Jane (38) Cash / Follici. Asp. Jane	
40			
11			
30			
45			
12 .00		💝 1 - VIP - DEMO, Jane (38) Cash / Oocyte retrieval Jane	🚯 1 - VIP - DEMO, Jane (38) Cash /
15	🐏 1 - VIP - DEMO, Jane (38) Cash / Follicle Asp. John		Follicle Asp. John Oocyte retrieval Jane
30			
45			
13.00			
15			
30			
45			
14 🗠			

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. <u>General</u>

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. <u>Therapy</u>

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

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

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.

Version 2.7.1.0

Features

1) MedITEX IVF

a. <u>General</u>

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.

e	MedITEX	IVF	v2.7.1	.0
---	---------	-----	--------	----

Female demographics ID Date of birth Accounting Attending clinician Mrs. DEMO, Jane 1234567890DEMO 01/01/1980 (38) Cash	Acc. balance
	£3,563.00
Phone: 01234-56789 Street & no.: Anysteet No. 1 Health insurance 1: Policy expiry date: 01/01/2020 Mobile: 01234-56789 Address suppl.: Health insurance policy no.: Health insurance policy no.: E-mail: janedoe@demo.com Suburb: Health insurance policy no.: Health insurance policy no.: Mother tongue: Post code: 12345 7 samples (max. 3580 days): City: Anvtown BesSP(1): PN(7): Emb(4)	
Referrer 1: Where, Any Dr. Province: Needs: Sperm donor Referrer 2: Region: Referrer 3: Country:	^
Administration of documents Communication	~
All entries (36) Drag a column header here to group by that column To dele Administration letter (2)	ete: DEL 🛨 🖃 ^
Cryo contract (1) Cryo invoice (3) Cycle letter (13) Cycle letter (13)	s Attach Doc. cr

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.

 \times

e	Lab overview	w of all patie	ents													-		×
	ab results	Lab orde	rs															
Sample ID (order no.) Entry date from until Clinician / Attention for Approval status Filter: Display semen analysis Dras a solume badder base to strain by that solume]	2			
	Drag a column	header here	to group by th	at column													Ð	
3	Entry date	Blood sam	Sample ID (Patient	Patient ID	Туре	Finding sta	Parameter	Param. abl	Value	Unit	Note	Clinician	Approval st	Attention fo	Approv	Attachme	ar 👘
	01/03/2008	01/03/200 8		DEMO, John	2	Semen analysis												
	11/04/2008	11/04/200 8		DEMO, John	2	Semen analysis												
	07/04/2008	07/04/200 8		DEMO, Jane	123456789 0DEMO_PA TIENT	Hormones	ок	Progestero ne	PROG	0,15	ng/ml							
	09/04/2008	09/04/200 8		DEMO, Jane	123456789 0DEMO_PA TIENT	Hormones	ок	Progestero ne	PROG	0,2	ng/ml							
	07/04/2008	07/04/200 8		DEMO, Jane	123456789 0DEMO_PA TIENT	Hormones	ок	FSH	FSH	8,5	mIU/mI							
	09/04/2008	09/04/200		DEMO,	123456789	Hormones	_	FSH	FSH	10	mIU/mI							

d. Cycle overview

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



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



e. <u>Report editor</u>

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.

Edit consent of DE	MO, Jane (1234567890DEMO_PATIENT)	×	
R	DEMO, Jane 01/01/1980 ID: 1234567890DEMO_PATIENT		
Consent	t	***	
General cons	ent		
Co 100 [1]	onsent accepted and signed	Created by Dr. Jane Doe Created on 16/06/2015 14:13 Last changed on 30/01/2018 13:32	
Note		^	
		~	Digital signature X
Cycle		~	Password ******
Plenned cycle		~	
			Signature type
ned docun	nent		PDF (PAdES)
Č 📄 Co	nsent.pdf	- 😣 👝	O P7M (CAdES)
Dra Doubleclick	ia and grop the signed consent document here to add digital signature		
🔯 Publi	sh/Send 👻	X Cancel V OK	🗙 Cancel 🛛 🗸 OK

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

Consent accepted and signed	16/0 L: 30/0	6/2015 14:13 ast changed on
	30/0	12010 13.52
Note		~
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Consent.pdf Drag and drop the signed consent document here		- 🔇 🗁
Publish/Send 🗸	X Cancel	🗸 ОК

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.

Female medical history of DEMO, Jane (1234567890DEMO_PATIENT)

🛃 Edit layout 🔻	A			*
Medical history				~
Date of medical history		30/06/2014		\sim
Attending clinician				\sim
Healthy		No	\sim	\sim
⊟ Weight	Height	60	175	
BMI		19.6		
Adiposity				\sim
Long-term medication				

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

2) <u>MedITEX Administration</u>

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. <u>Cycle</u>

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. <u>Planned Cycle</u>

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. <u>Task manager</u>

The error while creating new tasks has been fixed.

Х

f. <u>Report editor</u>

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. <u>Consents</u>

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

h. <u>Donation – Reserved material</u>

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.

Version 2.6.9.0

Features

1) MedITEX IVF

a. <u>QM-Field</u>

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

Consultatio	n of DEMO, Jane (1)	
Consul	tation	
Start 2 End CD10	ate Time 4/11/2017 13:32 00:00 Status Normal Alert Abnormal Alert Abnormal Confidential Free/QM-Fields of DEMO, Jane (1) MedITEX section Female finding Reference date 24/11/2017 Drag a column header here to group by that column Image a column header	e
	<no data="" display="" to=""></no>	
	Material and staff values without restriction	3
	Linked documents	× F 🕞
	Note Voice recording	
Di Pu	Vote Image: Constraint of the second secon	ОК

b. <u>Lab</u>

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 IVF v2.6.9.0 File System Import Export Ro	eports Letters Search for pati son Partnership Delete pe	ients Tools Windows <u>H</u> elp rson New entry Print labe	es • Message • Sched	uler Accounting	©⇔ Go to partner			-	o >	<
Female demographics Mrs. DEMO, Jane	ID 1	Date of bir 01/01/198	rth Accounting 0 (37) Cash	Attending clin	iician Acc. balance 3.563,00 €					I
Phone: Mobile: E-mail:	01234-56789 01234-56789 janedoe@demo.com	Street & no.: Ar Address suppl.: Suburb:	nysteet No. 1	Employer: Occupation: Phone: (11234-56789	Health i Policy e Health i	nsurance 1: xpiry date: 01/01/2 hsurance policy no.	020		1
Mother ton	igue:	Post code: 12	2345	Mobile: 0	01234-56789	11 saп	ples (max. 3516 d	ays):		āI.
Referrer 1	Where, Any Dr.	Province:	iytown			RessP(4), FN(3), CND(4) Sperm dopor			
WEE VIP Referrer 2		Region:				Noous.	Spermuonor			
Referrer 3		Country:							^	5
Anonym. I	D: 000000000007									
									~	
Administration of documents	Communication									
 All entries (11) 	Drag a column header here to g	roup by that column								^
 Administration letter (1) 		Tuno	Description			Statue	Attachmor	Doc croate	Dia ejanati	
 Cryo contract (1) Cryo invoice (3) 	27/06/2014	Document from referring	Attachment: Scan_Ref1234	456.bd		510(43	Acachine		Dig. aignatt	
Cycle letter (1)	•	doctor					2			
 Document from referring doct Document storage (1) 	27/06/2014	Treatment sheet	Attachment: Treatment_sh	eet_therapy_All_1406 e Cycle number: 1)	271623.doc				• •	
 Lab order (1) Treatment cheet (2) 	26/06/2014	Lab order	Attachment: Default printou	ut_140626170053.doc					0	
 Treatment sheet (2) 	26/06/2014	Cryo invoice	Cryo invoice, Invoice no.: 00	000000007; Cryo stor	age June 2012 - May 2013		N		0	
	< 26/06/2014	Administration letter	Attachment: Patient_Info_1	40626173809.doc			8		0	
	15/05/2012	Document storage	Contract_000001_1(2).doc	c			8		0	
	10/06/2011	Cryo invoice	Cryo invoice, Invoice no.: 00	000000003; Cryo stor	age June 2011 - June 2012				0	
	30/03/2011	Cycle letter	IVF-ICSI-Letter.doc						0	
	30/03/2011	Treatment sheet	Attachment: Treatment_sh	eet_therapy_1103301	621.doc		•		0	
	# 11									
< >	H H H C <								>	۳
Clinic: CRITEX GmbH	User: buf buf Onen	tasks , by me: 2 / current cr	nunle: 2					Mon 27 Nm	(2017 09:07:0	2
€	ē	and by more roundined					^ to 🖬 🕻	× DEU 27,	09:07 /11/2017	

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

Treatme	ent sheet of DEM	10, Jane (1)						_	
Treat	tment che	ot							
nea	unent sne	el							
	Date	Time		Du	1616				7 - 12 -
Start	27/06/2014	~ 00:00	•		Ni, Ni			~ ~	
End		~ 00:00	• 🖊		Normal	🗖 Alert			A
					Abnormal				+
Note	Arial	• 1	0 - B	IU-S		EEDC	i 📇 📹 🍙		
Treatmer	nt_sheet_AllinC)ne Cycle ni	umber: 1)			,		,	
V									
9 🗉	121Letters\Treat	tment_shee	t_therapy_All	_1406271	i23.pdf		🥸	P	DF 🔻 👝

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.

💽 Attenti	on of DEMO, Jane (1)			×
Atter	ntion			
Start End ICD10	Date Time Date Time 27/11/2017 09:08 V 00:00 V 00:00	~ #	Brows	e
Note			V	
MedITEX	(Online-Wiki:			
http://wik	i.meditex-software.com/			

e. <u>Emails</u>

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.



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."

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. <u>Report Editor</u>

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. <u>Culture</u>

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 necessars. The user data from the logged in user is used.

Version 2.6.7

Features

1) <u>System settings</u>

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

Edit system table "Semen analysis: purpose"	
Items	Active
Semen analysis, diagnostics	
IVF	\checkmark
ICSI	\checkmark
Insemination	\checkmark
Cryopreservation	\checkmark
Control	\checkmark
IMSI	\checkmark

- b. Medical history man: testicle
- c. Medical history man: cryptorchidism
- d. <u>Examinations new entry</u>
- e. <u>Medication: application area</u>
- f. <u>Medication: group</u>

It's not possible to define new entries here.

2) <u>Laboratory</u>

a. <u>Report editor – lab order</u>

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.

		<u> </u>				
Lab order templates	Print order Order status DL	plicate this order				
Name	128635	Selected parameter	Abbreviation	Material	Status	N.
Order number	15	11-Desoxycortisole	_11DC0			-
Blood sample due	08.09.2017 V Time 16:27	17a-Hydroxyprogesterone1	_170HPR		1	
Clinician	Anesthesiologist, Mr V	Anti-Muellerian-Hormone	AMH	Serum		
Laboratory						
ab name						
	× (

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.

System Ir		Letters Search for pa	tients T	Tools	Windows <u>H</u> elp			
N 0	00	Lab results (all)	•		Create Word document			
New sample	Multiple entry	Lab results (select	ted) 🕨	A	Create PDF e	Scheduler Accourt	nting Go to partn	er
Male lat John, I	diagnostics		ID 2 / 0		Preview Print	Accounting (12) Private	Attending cli ivf, ivf	inician
VIP					Edit printout template			
nitial consultation:	01.03.2008		Wei	ght:	[kg] Gene	rally healthy: Not s	pecified	
			BMI	ght:	[cm] 0,0			
Semen analyses Pat	hology results	👻 Lab orders	BMI	ght: :	[cm] 0,0			
Semen analyses Pat	hology results	Lab orders	BMI:	ght: :	[cm] 0,0			
Semen analyses Pat Drag a column header her Date V 11.03.2014	hology results detection of the second secon	Lab orders	BMI	ght: : nple I	[cm] 0,0 D Parameter anti-HBc	Param. abbreviation	Value negative	Unit
Semen analyses Pat Drag a column header her Date ♥ 11.03.2014 11.03.2014	hology results to group by that co Type Serology Serology	Lab orders Dumn Group General General	San	ght: : nple I	[cm] 0,0 D Parameter anti-HBc Hepatitis C	Param. abbreviation HBCAK HEPC	Value negative non-differentiable	Unit
Semen analyses Pat Drag a column header her ▼ 11.03.2014 ▼ 11.03.2014 1 17.02.2014 1	hology results to group by that co Type Serology Serology Hormones	Stumn Group General General General	San	nple I	[cm] 0,0 D Parameter anti-HBc Hepatitis C Prolactin	Param. abbreviation HBCAK HEPC PROL	Value negative non-differentiable 33	Unit
Semen analyses Pat Drag a column header her Date ⊽ 11.03.2014 11.03.2014 17.02.2014 17.02.2014	hology results e to group by that co Type Serology Serology Hormones Hormones	Stab orders Stumn Group General General General General General General	San	ght: : nple I	[cm] 0,0 D Parameter anti-HBc Hepatitis C Prolactin FSH	Param. abbreviation HBCAK HEPC PROL FSH	Value negative non-differentiable 33 44	Unit ng/ml mIU/ml
Semen analyses Pat Drag a column header her Date 11.03.2014 17.02.2014 17.02.2014 17.02.2014	hology results to group by that co Type Serology Serology Hormones Hormones Hormones	Stab orders Stumn Group General General General General General General General	San	ght: : nple I	[cm] 0,0 D Parameter anti-HBc Hepatitis C Prolactin FSH LH	Param. abbreviation HBCAK HEPC PROL FSH LH	Value negative non-differentiable 33 44 33	Unit ng/ml mIU/ml mIU/ml

🔁 Lab_results_170908092121.pdf - Adobe Acrobat Pro											-	o ×
Datei Bearbeiten Anzeige Fenster Hilfe												×
🔁 Erstellen 🔹 📑 📄 🖨 🐼	9 🖓 🔓											e*
1 / 2 R 3 - + 101%		Ē								Werkzeuge	Kommentar	Freigeben
									Critex			
F	Ma						_		Stobäusplatz 4 Regensburg 93047			
0	ме		Χ		Labo	ratory	Results		Tel.: 0941-59939330			
<u>G</u>	MEDIC	AL IT EXPE	ERTS						support@critex.de			
2.2									1011 (210)			
	PATIENT	Name J	ohn. DEMO			PART	NER Name Jane.	DEMO	08.09.2017 09:21:21			
	1 AllEll	ID: 2				17410	ID: 123456					
	Date/Time	Lab Type	Parameter	Value	Unit	Status	Attending Clinician	Note	9			
	03.11.2014 13:33	Serology	НВСАК	negative								
	03.11.2014 13:33	Serology	HEPC	non-different								
	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	АТЗ	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.					
	10 10 0010	Hormonoe	AND00	25	nalmi	Marmal	Dos John Dr	1				

3) Logging of activities (Change log)

a. <u>Alerts</u>

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 \rightarrow Logging of activities \rightarrow Searched patients), the searched/opened patients are now also logged, including user and date/time.

atient selection		٢	Display changes f 03.09.2017 V	from - until 08.09.2017 v	General search	Q. 📀
/	Logins	r	Locking/Unlocking of s	ections	Searched patients	R
Orag a column hea	der here to group by	that column				E
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
04.09.2017 05.09.2017	17:12 15:42	123456 123456	Jane, DEMO Jane, DEMO	2	John, DEMO John, DEMO	Support, Support Support, Support
04.09.2017 05.09.2017 06.09.2017	17:12 15:42 11:37	123456 123456 123456	Jane, DEMO Jane, DEMO Jane, DEMO	2 2 2	John, DEMO John, DEMO John, DEMO	Support, Support Support, Support Support, Support
04.09.2017 05.09.2017 06.09.2017 07.09.2017	17:12 15:42 11:37 11:25	123456 123456 123456 123456 123456	Jane, DEMO Jane, DEMO Jane, DEMO Jane, DEMO	2 2 2 2 2	John, DEMO John, DEMO John, DEMO John, DEMO	Support, Support Support, Support Support, Support Support, Support
04.09.2017 05.09.2017 06.09.2017 07.09.2017 07.09.2017	17:12 15:42 11:37 11:25 14:39	123456 123456 123456 123456 123456 123456	Jane, DEMO Jane, DEMO Jane, DEMO Jane, DEMO Jane, DEMO	2 2 2 2 2 2 2	John, DEMO John, DEMO John, DEMO John, DEMO John, DEMO	Support, Support Support, Support Support, Support Support, Support 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.

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

Services and materials / prices	Overview	of prices	Invoice managemen	t	Document templates
Invoice settings		ounning levels	Changeable s	ystem tables	
			32 F		
Rule for invoice number	Continuous numbe	er (8-digits) with leadin	ig zeroes 🗸 🗸		
Generate own transaction number inv. number rule) for: Credit note Prepayment Payment Payment with current credit bal	(with		α-aigits) with leading zeroes		
Income provider mandatory for crea	ating invoices 🔲				
Invoice type active E-claims active					
Deleting of invoices is possible Deleting of actions is possible	NN				
Income receiver mandatory for pro- payments	cessing 🗌				
Transaction date is read only Calculate running balance per tran	saction				
Payment period	30 📥 days				
VAT O no O on final invoice amount O on each invoice item		Standart value-adde	d tax rate 0,00 🔹 %		
ICD code visible for billing items Factor on invoice item price Co-payment possible					
Transaction document PDF (create and open docume 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.

John, DEMO	•	Go to partner N	6 lew invoice / items	New transaction MedITEX I	WF Scheduler	Print Exp	ort Settings	SIII Price list		
New billing items / create	Patient: J ID: 2	ohn, DEMO	DOB	12.03.1975					Unallocated credit:	0,00€
Patients having new billing items				(×				1
All new billing items	Jonn, DE	NO: Receipt o	rmoney							
New invoice in progress	Filter for all ta	bles: general search	1	Income provider	0	Period	from	until		
			<u> </u>		~ &		~ //			
a invoices				Location		0-			(All)	
I Unpaid invoices					× 🛩					
Invoices with payments Invoices with credit notes and write	Drag a colum	n header here to group i	by that column							
All invoices	Date	Transaction	Transaction	Description	Income rece	Patient	Patient ID	Note	Staff	Paym. n
	Date Date	ient		Invoice number: 00000014		John, DEMO	2		ivf, ivf	Bank tra
Documents	✓ Transactio	on number								

b. Document templates

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

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.)

	N	ew billing	items / new i	nvoice	Invoiced and	non-billable billing ite	ems					
		🛃 Edit		Select all o	pen billing items		Item is non-billable					Add new billing item with: Ctrl+Plus
D	ag a colum	n header he	ere to ur	Select all open items Select all open items v	vith current date							^
3	election	Status	Da		200		Color	Billing category	Price	Quantity	Billing price	Note
•		Open	21.12.2013	2 New semen analysis	202	Semen Assess	ment	Private	100,00		1 100,00	
		Open	11.04.200	8 New semen analysis	202	Semen Assess	ment	Private	100,00		1 100,00	
		Open	07.07.201	7 New semen analysis	202	Semen Assess	ment	Private	100,00		1 100,00	

Bugs

3) MedITEX IVF

a. Cycle overview

Changes made to the calendar template are now saved. (Cycle overview \rightarrow Print \rightarrow 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.

Cryo thawing of Jane, DEMO (12	3456)			×	Cryo thawing of Jan	e, DEMO (123	456)			×
Original follicle aspiration Date of cryo preservation Clinic of origin Embryo age Thawing date	25.09.2012 03.10.2012 8 Days 08.09.2017 0	9:43 ෫	•	28-	Original follicle a Date of cryo pres Clinic of origin Embryo age Thawing date	spiration ervation	25.09.2012 ∨ 03.10.2012 ∨ 8 → Days 08.09.2017 ∨	09:43	-	* *
Thawing technique		~			Thawing techniq	ue		×		
Thawed by		~ /	1		Thawed by			~	1	
Oocyte total	PN total	0	Emb total	4	Oocyte total	0	PN total	0	Emb total	4
Ooc. vital 0 🛟	PN vital	0	Emb vital	4	Ooc. vital	0 ‡	PN vital	0	Emb vital	4
Ooc. atr./lost 0 🛟	PN atr./lost	0	Emb atr./lost	0	Ooc. atr./lost	0 🔹	PN atr./lost	0	Emb atr./lost	0
	PN vital PN atr./lost	0 🔹	From IVF (4) Emb ideal Emb not ideal Emb atr./lost		Thawing of a	new	PN vital	0 ‡	From IVF (4) Emb ideal Emb not ideal Emb atr/lost	
Sample was already thawed	- From IC SI				straw		Erom IC SI		From IC SI	
	PN vital	0 🌲	Emb ideal Emb not ideal	0 ‡ 0 ‡	Л	<u>_</u>	PN vital	0 ‡	Emb ideal Emb not ideal	0 ‡ 0 ‡
	PN atr./lost	0 ‡	Emb atr./lost	0 ‡		/	PN atr./lost	0 🜲	Emb atr./lost	0 ‡
V		X Cance	· · · · ·	Ж	From c	ryo storage]	X Car	cel 🗸	ок

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

f. Pregnangcy - 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. <u>Lists</u>

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.

Version 2.6.6

Features

1) General

a. <u>Performance</u>

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.

MedITEX IVF v2.6.6.1 File System Import Export Reports Letters Search for patients Tools Windows Help 自己 (A) 8 24 Ð ĞУ Edit person Partnership Delete person New entry Print labels Message Schedul Accounting New Webportal message Female demographics ID Date of birth ng clinic New SMS 01.01.1980 Jane, DEMO 123456 / 0 (3 🜢 🏠 🛦 01234-56789 Phone: Street & no.: Anysteet No. 1 Surname at birth Mobile: 0160-90916855 Address suppl.: 12, 11 Social security no .:

2) <u>Cycle</u>

a. Cryo contract management

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

b. <u>Medication / Drugs</u>

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.

MedITEX IVF v2.6.6.1



b. <u>Flexible medical history</u>

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.

Basic Ger	ieral	Gynaecolo	gy		Fer	tility Endocrinology	Fan	nily history	
Date of medical history	18.05.2015		~	1	Un	protected intercourse since			
	ind ind		1414	1	Ye	ar 2006 v Month May	~	the a	-
Allending clinician	111, 111	BMI	Y	"	31 3349		11	Lock t	his section
Weight	60 [kg]	DIVII	0.6		Pr	ior illnesses, ordered by relevance	(max. 4)	Data a	hannelan
Height	175 [cm]		9,0		1.	Diabetes mellitus			Barcode
Adiposity	Type 1 BMI 2	5 - 29.99	~]	2.	Unknown	-		o mod birtor
Healthy	No	~	.~	1	3.	Hypertonus	\sim	- Flexibl	e med. histor
Long term medication				1	4	PCO		Online	e Help
2 Long-term medication			1003		100				AIL.
Chromosome analysis	Not specified		~			datostas			
CFTR carrier	Yes		~						121321Accir
Female medical history									
🛃 Edit layout 🚽									· LE
Edit mode									
Use sustem byout		18.05.2015	5						~
a Use default brout		ivf. ivf							~
		60				175			
Save as clinic default layout		19,6							
Adiposity		Type 1 BM	25 - 29	99					~
Healthy		No					~		~
Long-term medication									
Chromosome analysis		Not specifi	ed						~
CETR carrier		Yes	17.50						
Patency of the fallonian tube [left]		No							
Patency of the fallonian tube (right)	1	Yes							
Fallonian tube reviewed [vear]		2007							
Previous treatments (reproductive	health measures)	2001							
Number of previous operative tre	astmente	2							(<u>*</u>)
Number of previous operative us	incominations	2							
Number of ovarian sumulations,	inseminations	0							▼
Number of IVF and ICSI treatment	niis	2							
Alternative pretreatments									
Unprotected intercourse since		0000							
Year Month		2006				May			~
Prior illnesses, ordered by relevan	ce (max. 4)								-
Prior illness 1)		Diabetes n	nellitus						~
Prior illness 2)		Unknown	6425						~
Prior illness 3)		Hypertonu	s						~
Prior illness 4)		PCO							~
Note		dafdsfas							
Potential sterility factors									
Sterility factors		None							~
Sterility factors, ordered by relevan	ce (max. 4)								
Sterility factor 1)		Hyperandr	ogenem	ia/PC)				~
Sterility factor 2)		Endometri	osis						~
Sterility factor 3)		Psychogen	nic facto	rs					~
Sterility factor 4)		Status afte	er sterili	ation	3				~
Note		dafafd							
Medical opinion / note									
Note		1321321Accident	an other pede	strian con	eyance (V	00.8)			
	0	liana	100				~~~	anaal	104
Med. history questionnaire	C Examina	uons	10 10	JD-10			A Ca	ancer	V UK

J.

Bugs

1) MedITEX IVF

a. <u>General</u>

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

b. <u>Culture</u>

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.

Version 2.6.5

Features

1) Main Window

a. Laboratroy Overview

Semen analysis entries are now visible in the Laboratory overview.

	N.C. MT	EV.	we :		z	e i	80
<u>e</u>	Meur	EA	VE	(6)			9

Jane 01.01 1234 nograpi	e, DEM 1.1980 56 @ Lat	0 (37) overvier	Private / A -1.536,0 Chem w of all patien	AOK 0€ Initz I Da	Messa te	ges <mark>ILa</mark> ⊽ Type	o tests Co Message	nsents 😵 Donor info Statu	s <u>Testa</u>	lessages roup		ts 🚺 (I (male)	Consents	Donor info	Referr	ers	VIP	Johr 12.03 2	ı , DEMO 3.1975 (∉ □ ×	42) (ical l
stics-	Lab	results	Lab orders																	
diagno	Filter	Sampl	e ID (order no.)	Entry	date from	until		Inician / Attention for	v.	Approv	al status -	ed O no	status / at	tention	1				2	nie e.
1; AB0; L	T Inter.	_		01.	2.2013				•		uppro									
s.: 01.03 ian: ivf,	Drag	a column	header here to Blood same	group by the	t column Dationt	Dationt ID	Location	Type	Finding	Daramete	Daram	Value	Unit	Note	Clinician	Annrova	Attention		E	05.20
patency	26.0	3.2014	26.03.2014	Sumple ib	Müller, Markus	4444	Regensburg	Semen analysis	i munig .	landinet	r urum.	Value	Unit	Note	cinicium	Арргота	Attenuon	Oppri O	Muchini	
	17.0	02.2014	17.02.2014		John, DEMO	2	Regensburg	Hormones	OK	Prolactin	PROL	33	ng/ml							
	17.0	02.2014	17.02.2014		John, DEMO	2	Regensburg	Hormones	OK	FSH	FSH	44	mIU/mI							
	17.0	02.2014	17.02.2014		John, DEMO	2	Regensburg	Hormones	OK	LH	LH	33	mlU/ml							
onor (O	11.0	3.2014	11.03.2014		John, DEMO	2	Regensburg	Serology		Hepatitis C	HEPC	non-diff erentia								
N	11.0	03.2014	11.03.2014		John, DEMO	2	Regensburg	Serology		anti-HBc	HBCAK	negativ e								
Plann	≥ 14.0	07.2014	14.07.2017		Hohler, Martin	НЗ	Regensburg	Semen analysis	1											
art	14.0	07.2014	14.07.2014		Müller, Markus	4444	Regensburg	Semen analysis	1											Cyc
0.04.20	14.0	07.2014	14.07.2014		Meier, Stefan	654	Regensburg	Semen analysis												IP
.09.20	03.0	03.2014	03.03.2017		John, DEMO	2	Regensburg	Semen analysis												
5.05.20 1.11.20	14.(07.2014	14.07.2014	23	Meier Stefan	654	Recenshurd	Semen analysis												
.09.20 1.09.20) (Locat	ion = Regensbu	irg)														Custo	mize	
.08.20		4 4 14	H	<															>	Too
cles: 8																		10	Noco	plaus

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.

F	Sampl	e ID (order no.)	Entry 02.0	/ date from 06.2013	~ ,	until	~ <mark>/</mark>	Clinician / Attention	for
	Entry date 14.07.2014	Blood samp	Sample II	Patient Test, Totto	7	Patient ID 12345	Location Regensburg	Type Semen analysis	Finding
•	24.03.2014	24.03.2014	12334	John, DE	2	Open pati Open pati	ents lab diagno: ent in MedITEX	stics Scheduler	0
2	13.09.2013	13.09.2013		John, DE		Finding st Finding st	atus: normal atus: abnormal		
	01.08.2013	01.08.2013	2547	John, DE	*	Approval s Approval s Export to E	status: approved status: attention xcel	I 	

b. Witnessing

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

Ho	me Settings								
C	linic System	D	Irugs	Material	Lab	Cryo storag	je Incubator	Free / C	QM fields
<u>9</u>	General	Functio	ns F	Presentation options	s Int	terfaces	System table	es	
neral	Automatic ID generation	Report editor	Semen analysis	Cycle Medication	Cryo contracts a	and accounting	Donation / surrogate	motherhood	Vitnessin
Witne Witn Log	essing active less identification method in password		-						
Witne Witn Log Witn The t In ord	essing active ress identification method in password ressing actions lable below contains Med/TEX a fer to create a document at the label differ acceleration	nctions which ca and of the witnes	n be witnessed at th ssing process, defin	e moment. Activate ac e the document templa	ctions which need to ate and select the op	be witnessed in y otion "Create docu	our clinic. ment*.	V	Touts
Witne Witn Logi Witn The t In ord	essing active ess identification method in password essing actions table below contains Med/TEX a fer to create a document at the Med/TEX section	ictions which ca and of the witnes	n be witnessed at th ssing process, defin Action	e moment. Activate ac e the document temple	ctions which need to ate and select the op	be witnessed in y tion "Create docu	our clinic. ment". Active	Create	Template
Witne Witn Logi Witn The t In ord	essing active less identification method in password lessing actions lable below contains Med/TEX a ler to create a document at the Med/TEX section Androlab	nctions which ca and of the witnes	n be witnessed at th ssing process, defin Action Creation	e moment. Activate ac e the document temple /change of a semen	ctions which need to ate and select the op n analysis	be witnessed in y tion "Create docu	our clinic. ment". Active	Create document	Template
Witne Witn Logi Witn The t In ord	essing active less identification method in password lessing actions lable below contains Med/TEX a ler to create a document at the MedITEX section Androlab Cryopreservation of spern	nctions which ca and of the witnes 11	n be witnessed at th ssing process, defin Action Creation New cryc	e moment. Activate ac e the document temple /change of a semen opreservation	ctions which need to ate and select the op a analysis	be witnessed in y tion "Create docu	our clinic. ment". Active	Create document	Template
Witne Witn Logi Witn The t In orc	essing active less identification method in password lessing actions lable below contains MedITEX a ler to create a document at the MedITEX section Androlab Cryopreservation of spern Cryopreservation of spern	nctions which ca and of the witnes n n	n be witnessed at th ssing process, defin Action Creation New cryo Remova	e moment. Activate ac e the document temple /change of a semen opreservation l of a straw	ctions which need to ate and select the op n analysis	be witnessed in y tion "Create docu	our clinic. iment*. Active	Create document	Template © ©
Witne Logi Witn The t In ord	essing active ress identification method in password ressing actions lable below contains Med/TEX a ler to create a document at the Med/TEX section Androlab Cryopreservation of speri Cryopreservation of speri Cryopreservation of ocyt	nctions which ca and of the witness m n es/embryos	Action Creation New cryc Remova Remova	e moment. Activate ac e the document temple /change of a semen opreservation l of a straw l of an oocyte / embr	ctions which need to ate and select the op n analysis ryo	be witnessed in y tion "Create docu	our clinic. iment*. Active	Create document	Template © © ©

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.

		1 <u></u>			-
0:00	📈 Abstinence perio	od [d] 5	Start of an		- (7) ×
* *	Analysed by	Ass	istance, Miss	~	~~~~
	Appearance	Not	specified	~	1 Ale
Ŷ	Smell	Турі	ical	~	1455
	Viscosity	Nor	mal	~	Browse
~	Liquefaction time	e [min] 3	Agglu 📈	itination 📃	
~	Treatment	nori	mal		
	Score	255			
		DNA	Fragmented [%]		
			Diagnosis	Approval st	atus
entification		X	Diagneoio		
			spermia, Normozoospe	rmia,Other	2634 - 1124
suppor	<i>i</i> rt	Fin	nding 📴 No	rmal 🔘	Abnormal
rd I		No	te		
×	Cancal	njr	про		
~		202			
orms [%]	2,38				
ects [%]					
midpiece d	: [%]				
ts [%]					
sidual cytopla efects [%]	asm (ERC) [%]	Time Nun	e between collection ar nber of insem. motile s	nd usage perms (x10 ⁶]	00:00
spermia inde	ex (TZI)	Inse 24h	eminated amount [ml] Motility rate [%]		22
sp	ermia inde	ermia index (TZI)	ermia index (TZI) Inse 24h	ermia index (TZI) Inseminated amount [ml] 24h Motility rate [%]	ermia index (TZI) Inseminated amount [ml] 24h Motility rate [%]

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



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

	😔 Witness	ing						_		\times
	Patient se John, DEM	election O	4	Witnessing date fro	om until	~ 📈	Witness ~		2	
		Witnessing	details							
	Orag a colum	nn header here to grou	ip by that column							
3	Patient IE	Patient name	MedITEX section	Action	Witnessed on	Witness	Witnessing ID	Witnessi	ing doc	ument
•	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.

MedITEX IVF v2.6.5.0									- 0 ×
File System Import Export Reports Letters	Search for patients Tools	Vindows <u>H</u> e	lp				-		
Jane, DEMO	VIP Schedule	Accounting	• New patier	nt Nev	couple Communication	Laboratory	Witnessing		
Private / AOK Jane, DEMO 01.01.1980 (37) -1.536,00 €	Message	Lab tests	! Consents	•	Messages Lab	tests !	Consents Dono	John, D 12.03.19	Private / AC EMO 75 (42) 100,00
WB VIP 123456 Chemnitz	Test group Standard	l (female)	~	E Cyc	Consent name	Con Last ch	ange Status Note	VIP 2	Regensbur
Demographics Medical history	I Parameter 🛆 Date	Value	Valid unt Statu	-	TEST I	Not : 24.07.2	015 🥥	Demographics	Medical history
Diagnostics	anti HCV 16.11.2	01			Lab consent	Labc 08.08.2	014	Diagnostics	
Lab. diagnostics Female exam.	anti-HBc 16.11.2	01 negative	OK		Consent for drug applice	Cycl 15.10.2	013 🔘	Lab. diagnostics	Male exam.
AF complex: Des SD(6);	anti-HIV I + HIV II			1				244	24 complex
GR2; PA1; AB0; IA0; EC1 Ooc(25); PN(5); Emb(5)	HBsAG							BMI unknown	21 samples
Initial cons.: 01.03.2008 M.hist.: 10.04.2017	Hepatitis B 16.03.2	01 negative		>				Initial cons.: 01.03.2008	M.hist.: 18.05.2015
Att. clinician: ivf, ivf	Hepatitis C							Att. clinician: ivf, ivf	
Fallopian patency: Unknown(r) -(I)	HIV1 Ab (Westernb							nealiny. Not specified	
	HIV2 Ab (Westernb								
	-								
Needs: Donor (Ooc./Emb.), Sperm donor				6				ls: Sperm donor	

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.

	atient selection		C 1	isplay changes from - until 8.06.2017 v 22.06.2017 v	General search		۹. 😵	1		
/		Data changes	T T	Logins	Locking/Unlocking of section	ns				
Drag a column header here to group by that column										
Ī	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 fi	ndings	Support Support				
		122456	Jane DEMO	General (Therapy)	0	Support Support				

d. <u>Shortcuts</u>

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.

MedITEX IVF v2.6.5.0							
File System Import E	xport Reports Letters	Search for patients	Tools W	Vindows	Hel	p	
Jane, D	EMO	VIP	Scheduler	Accou	0	MedITEX IVF Manual Online help (F1)	at
Jane, DEN	Private / AC				•	Release Notes About MedITEX IVF	
01.01.1980	(37) -1.536,00 Chemni	Test group	Standard	female		Shortcuts	
Demographics	Madical history		D			Create MedITEX shortcuts on desktop	
	Medicar history	anti HCV	16.11.20	01	0	Remote assistance	

Users can configure the order of shortcuts themselves.

Sh	ortcuts					×				
ſ										
	General	Home	Cycle	Own for patient	Own for partner					
L	Shortcuts	i.		Description						
L	Left CTRL	_+NUMP/	AD 0	Demographics: priv	at Details					
L	Left CTRL	_+NUMP/	AD 1	Most recent medical	history					
L	Left CTRL+NUMPAD 2			Most recent messag	le					
L	Left CTRL	_+NUMP/	AD 3	Most recent examination	Most recent examination					
L	Left CTRL	_+NUMP/	AD 4			•				
	Left CTRL	_+NUMP/	AD 5							
	Left CTRL	_+NUMP/	AD 6	Overview most recent cycle Demographics: privat Details						
	Left CTRL	_+NUMP/	AD 7	Demographics: contact data Demographics: referrer						
l	Left CTRL	_+NUMP/	AD 8							
l	Left CTRL	_+NUMP/	AD 9	Most recent medica Most recent lab data	i nistory					
l				Most recent lab ord	er					
l				Most recent messa	je					
L				Most recent examin Most recent freezing	ation					
L				Most recent semen	analysis					
L										
-										
						🖊 ОК				
١,										

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.

MedITEX IVF v2.6.5.0						
File System Import Exp	port Reports Letters	Search for	patients Tools	Windows <u>H</u> elp		
🔇 🖒 🙉 Jane, DE	MO	Ē	VIP Schedu	ller Accounting	New patient	New couple Cor
★ ▲ Jane, DEMC 01.01.1980 ₩ ₩ ₩ ₩ 123456	Private / AO) (37) -1.536,00 Chemnit	K E <u>!</u> Z <u>New res</u>	Messages ! L servation	ab tests . Conse	ents ⁷⁷ 😵 Donor i	nfo Referrers
Demographics	Medical history	*	Donor type Sperm reception	Planned time per September 2016	Linked person Test, Totto	Date of donatio
Diagnostics	*	Sperm reception	September 2016	Partner, Neuer		
Lab. diagnostics Female exam.		102	Sperm reception	Contembor 2016	Partner, Neuer	

f. Lab tests

Finding status is displayed in the Lab tests tab sheet.

MedITEX IVF v2.6.5.0							
File System Import	Export Reports Letters	Search for patients	Tools Wi	indows <u>H</u> elp			
< 🖒 🍋 Jane, D	EMO	VIP	Contraction Scheduler	Accounting	New patient	New couple	Commun
★ ▲ Jane, DEI 01.01.198(022 02 02 022 022 022 022 022 022 022 022 022 022 022 022 022 022 022 022 022 022 022 02	Private / AOK MO) (37) -1.536,00 € Chemnitz	Message	Lab t	ests Con (female)	sents 😵 Dono	rinfo Refer	rers
Demographics	Medical history	Parameter	Δ	Date	Value	Valid until	Status
-Diagnostics		anti HCV		16.11.2016			
Lab. diagnostics	Female exam.	anti-HBc		16.11.2016	negative		OK
		anti-HIV I + HIV I					
BMI unknown GR2; PA1; AB0; IA0; EC1	15 samples: ResSP(6); Ooc(25); PN(5); Emb(5)	HBsAG					
Initial cons.: 01.03.2008	Initial cons.: 01.03.2008 M.hist.: 10.04.2017			16.03.2017	negative		
Att. clinician: ivf, ivf Healthy: Not specified		Hepatitis C					
nound, not opcomou		the second s					

g. Print labels

Labels can now be printed from Medical history, Examinations, Laboratory diagnostics and Cycle.

- System	New entry	Print	Print labels	Message	Scheduler	Accounting	≗⇔ Go to par	⊧ tner		
	Female m Jane, DEM	edical hist /IO	tory	ID 12	3456 / 0	Date of 01.01.1	birth 980 (3	Acco 7) Priva	unting I te	Attending clinician ivf, ivf
Initial cons	ultation: 01	.03.2008	~	м	/eight: eight:	[kg] [cm]	Ge	enerally health	y: Not sp	pecified

2) Semen analysis

In the semen analysis window, a confirmation status (Approved/Attention) can be set. This status entry can also be set in the Laboratory Overview window.

Coll	ection date	07.07.2017	/ Time	00:00	*	Abstinence	e period [d]		Start of	analysis 00:00	÷ #	- 25
Sam	nple ID	74522	Time		•	Appearance	ce	Normal			~	2603
Purp	pose	SA,IVF			~	Smell					~	2003
For	donation	0			66	Viscosity		Increas	ed		~	Browse
Coll	ection method	antegrade ejad	ulation		~	Liquefactio	on time [min]		1	Agglutination		A
Coll	ection place	At clinic			~	Treatment						T L
Coll	ection difficulties	no				Score						
	Native							DNAFra	gmented [%	1	24	
	Parameter	Files							Diagnos	is 🖊 🛕	Approval s	status
ative	Volume [ml]	0,8	Quantifica	ation poss	ible?	No	~	App	roved	Attention		
~	Conc. [10 ⁶ /ml]	37,75	Total spei	rm count	106]		30,2	Attentio	on for	Doe, John	Dr.	~
	Vitality [%]		Peroxidas	se-positiv	e cells	[10 ⁶ /ml]	2	Comm	ent			
-	Leukocytes [10 ⁶ /m	1]	Immunob	ead test [% adh	erent]	5					~
paratio	Round cells [10 ⁶ /n	[]	MAR test	[%]	ac	iherent IgG	lgA					
ter pre	Motility		Morpholo	<u>qv</u> forms [%	1		52.5					
Afi	WHO AB [%]	78,5	Head d	efects [%]	l.							
	WHO C [%]	10,5	Neck ar	nd midpie	ce defe	ects [%]						
Its	WHO D [%]	11	Tail def	ects [%]				-				×.

3) **Demographics**

A new field "Identification gender" has been added to the private details area. This field is a system table. The entries can be defined individually in the system settings.

4) <u>Cycle</u>

a. <u>Cycle – allergy information</u>

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.

MedITEX IVF v2.6.5.0						- 0	×	
File System Import E	xport Reports Letters	Search for patients Too	ols Windows <u>H</u> elp					
🚺 🔒 👧	🔆 🗕 🕹 🕹	Cycle details Print	Print labels Message	s Scheduler A	ccounting Demographics	Hedical history	* *	
Jane, DE ID: Date of birt	MO 123456 / 0 h: 01.01.1980 (37 gory: Private	John ID:) Date VIP Billin	n, DEMO 2 / 0 of birth: 12.03.197 g category: Private	Cycle ID Survey 75 (42) Couple o Cycle bi	: 319 ID: sode: Iling: Private Att.	clinician: ivf, ivf		
Overview 📦 🥹	Aspiration	<u>C</u> ulture	Transfer	Luteal phase	Patient name: Jane, DEMO	8	Patient name: lan	
Start: 10.04.2017 Treat.: IVF	Start: 10.04.2017 22.06.2017 12:41 #Ooc:: 4 Treat: IVF #Ooc: 4 #Ooc:: 4			Allergies: penicillin, dog, hair		Allergies: penicilli	n, dog, hair	
Cycle overview							U 1	
Treatm.: IVF - IVM, Fertility preservation [IVF] # Emb.: 0 [0]		Date of LMP: 10.04.2017 Down-regulation: GnRH	OHSS status	~		~		
Egg-treatment info: Fresh Main indication:	INF		Antagonist [Multiple] (Orgalutran)	OHSS measure	v		~	

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.

Jane, DEMC ID Date of birth: WB Billing category) 123456 / 0 01.01.1980 /: Private	3	John, DEMO ID Date of birth: Gilling category:	2 / 0 12.03.1975 Private		
Overview	Calendar	Ø Cycle duration	Pill			^
Created: 22.06.2017 Changed: 22.06.2017	Planning: follicle aspiration, transfer, medication, lab diagnostics, ultrasound	Days	no			>
Overview						
Planned treatment	~		ertility preservation ocial egg freezing	Location Che	mnitz	~
Planned start of stimulat.	~	Billing ory	Private v	Associated medical histor	ry	
Main indication		Accourte	· .	Female medical history of	10.04.2017	<u> </u>
Cycle from amenorrhea	Please confirm:			× 7		
Protocol	Do you want to overtake the avera	age value of the cycle d	luration from the lin	ked medical history?		
Stimulation planned		ge folde of the cycle o		incontractor motory i		
Stimulated externally		V	-r			
Long-term medication					1	
				Male medical history of	18.05.2015	~

6) <u>Report editor</u>

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).
Own material Follicle aspiration Cryopres erved on Storage date erved on Cryo technique Cryopreserved by # Days # Oc. # Pm # Emb. Ovarian tissue Straw ID Storage location Pos. Cl 1 Cl 2 Contract resenumber ch For resenumber 05.08.2014 05.08.2014 05.08.2014 05.08.2014 1052 2 Image: Cryo Tank 1AA (Regensburg) Image: Cryo Tank 2A (Regensburg) Image: Cryo Tank 2A (Regens	Curre	ntly in storage		Hist	ory													
Follicle aspiration Cryopres eved on Storage date eved on Cryopreserve dby # Dos # Pos Storage boot Pos C.1 C.1 <thc.1< th=""> C.1 <thc.1< th="" th<=""><th></th><th></th><th></th><th></th><th></th><th></th><th>0</th><th>wn ma</th><th>terial</th><th></th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th><th></th></thc.1<></thc.1<>							0	wn ma	terial					_				
05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 05.08.2014 000012 000012 10.07.2014 10.07.2014 10.07.2014 10.07.2014 10.07.2014 10.07.2014 000012 000012 10.06.2010 09.09.2013 12.06.2010 Slow Assistance, Miss 1382 3 2-22 Cryo Tank 1 A A (Regensburg) 000010 0000010 08.12.2011 07.12.2012 Slow Assistance, Miss 1658 3 47 Cryo Tank 3 A 1 (Augsburg) 000012 000012 29.11.2012 29.11.2012 Vitrification Assistance, Miss 1666 11 10 Cryo Tank 2 12 (Regensburg) 000010 000010 Reserved material	Follicle aspiration	Cryopres erved on	Storage of	late Cryo techniqu	Cryopreserv ed by	# Days	# Ooc.	# PN	# Emb	Ovaria tissue	n Straw ID	Storage location	Pos.	3	CI. 1	CI. Cor 2 t nur	trac For resea	c
10.07.2014 10.07.2014 10.07.2014 ivi, ivi 1078 2 Cryo Tank 1 A (Regensburg) 000012 1000012 10.06.2010 09.09.2013 12.06.2010 Slow Assistance, Miss 1382 3 2-2 Cryo Tank 1 A (Regensburg) 0000012 0000012 08.12.2011 07.12.2012 Slow Assistance, Miss 1658 3 1 47 Cryo Tank 1 A (Augsburg) 000012 1 29.11.2012 29.11.2012 Vitrification Assistance, Miss 1666 11 10 Cryo Tank 2 12	05.08.2014	05.08.2014	05.08.201	4		1052	2					Cryo Tank 1 A A (Regensburg)				000	012	Ω
10.06.2010 09.09.2013 12.06.2010 Slow Assistance, Miss 1382 3 2-2 Cryo Tank 1 A A (Regensburg) 000001 000001 08.12.2011 07.12.2012 Slow Assistance, Miss 1658 3 47 Cryo Tank 3 A 1 23 000001 000012 29.11.2012 29.11.2012 Vitrification Assistance, Miss 1666 11 10 Cryo Tank 2 12 (Regensburg) 0000010 000010 Reserved material	10.07.2014	10.07.2014	10.07.201	4	ivf, ivf	1078	2					Cryo Tank 1 A A (Regensburg)				000	012	ø
08.12.2011 07.12.2012 Stow Assistance, Miss 1658 3 47 Cryo Tank 3 A 1 (Augsburg) 23 000012 23 29.11.2012 29.11.2012 29.11.2012 Vitrification Assistance, Miss 1666 11 10 Cryo Tank 2 12 C C C C C C C C C C C C C C C C C	10.06.2010	09.09.2013	12.06.201	0 Slow	Assistance, Miss	1382		3			2-2	Cryo Tank 1 A A (Regensburg)				000	001	Ø
29.11.2012 29.11.2012 29.11.2012 Vitrification Assistance, Miss 1666 11 0 Cryo Tank 2.1.2 C C (Regensburg) 000010 C (Regensburg) 000010 C (Regensburg)	08.12.2011	07.12.2012		Slow	Assistance, Miss	1658	3				47	Cryo Tank 3 A 1 (Augsburg)	23			000	012	Ω
Reserved material Reserved sperm	29.11.2012	29.11.2012	29.11.201	2 Vitrificatio	on Assistance, Miss	1666	11				10	Cryo Tank 2 1 2 C (Regensburg)				000	010	ø
Rei docytes / empryos Reserved sperm							Res	erved r	naterial									
Donate m Cryopreserv Storage date Cryo technique # Days # Ooc. # PN # Emb. Straw Storage location Pos. Cl. 1 Cl. 2 Contract Planned tir	Donate	n oocytes/emb m Cryopr	ryos eserv	Storage date	Sperm Cryo technique #	Days #	#Ooc.	# PN	#Emb.	Straw	Storage loo	cation Pos.	CI. 1	CI. 2	Cont	ract	Planned tim	e
ed on ID number period 3434 M 01.04.2013 01.04.2013 Slow 5 Cryo Tank 5 C 1 a 000012 May:	3434 M Sabin	ed on 01.04.2	2013	01.04.2013	Slow		5			ID	Cryo Tani	(5C1a			num 	ber 000012	period May 20)15

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

Curren	itly in storage			History														
							0	wn mater	ial									
Follicle aspiration	Cryopres erved on	Storage ∀	date Cryo techi	lique	Cryopreserv ed by	# Days	# Ooc.	# PN	# Emb.	Ovarian tissue	Straw ID	Storage location	Pos.	CI. 1	CI. 2	Contrac t number	For resear ch	
05.08.2014	05.08.2014	05.08.20	14			1052	2					Cryo Tank 1 A (Regensburg)	4			000012		Ø
10.07.2014	10.07.2014	10.07.20	14		ivf, ivf	1078	2					Cryo Tank 1 A (Regensburg)	A			000012		ø
40.00.0040	00.00.0040	40.00.00	10 01		Assistance.	and the second of the	1	0 20055	2 S	-	Seres -	Crvo Tank 1 A	4			000004		-
					<u> </u>	4000		2				forfo raine rai						
-		~	-		6	4300	Res	≎ erved ma	terial	.1 1								
Reserved	d oocytes / em	bryos	Reser	/ed spern	n Materia	al type	Res	erved ma	terial Strawl	D Stora	ne locati	on Pos	CI 1	CI 2	Cont	ract P	lanned	
Reserved Donated fro	d oocytes / em m Cry rver	bryos oprese don ⊽	Reser Storage di	ved spern ite #Da	n ays Materia	al type	Res	ərved ma ample ID	terial Straw I	D Stora	ge locati	on Pos.	CI. 1	Cl. 2	Cont num	ract P ber til P	lanned me eriod	
Reserved Donated from	d oocytes / em m Cry rvei 10 18.0	bryos oprese d on ⊽ 05.2015	Reser Storage da 18.05.2015	ved spern Inte #Da	n ays Materia Native s	al type sperm	Res S	≎ erved ma ample ID 82512	terial Straw I	D Stora Cryo T (Rege	ge locati ank 2 1 ⁻ nsburg)	on Pos, 1A	Cl. 1	Cl. 2	Cont num	ract P ber tii p 10 Ju 20	lanned me eriod Ine 015	•
Reserver Donated from 2 John, DEM 9876543211 Neuer	d oocytes / em m Cry rver 10 18.0 Partner, 30.1	bryos oprese d on ⊽ 05.2015 11.2012	Reser Storage di 18.05.2011 30.11.2012	ved sperm ite #Da	n Materia Native : 5 Native :	al type sperm sperm	Res S 4	ample ID 82512 02010	terial Straw I	D Stora Cryo T (Rege	ge locati 'ank 2 1 ' nsburg)	on Pos.	CI. 1	Cl. 2	Cont num 00000	ract P ber ti 10 JL 12 S be	lanned me eriod ine 015 eptem er 2016	©

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.

23456] Jane, DEMO	(DOB: 01.01.1980)		1550		
Personal information a	and reservations Persona	al characteristics	Do	nor sale consent	Donation history
Physical characteris	tics Psychological charact	eristics Social and o	other characterist	ics	
Chromosome analysis	No abnormality detected	Weight	55 [kg]	BMI	
CFTR carrier	No	Height	150 [cm]	24,4	
Ethnic group	European ~	Skin colour	Light-coloure	d (European) $$	Birth marks
Father's ethnic group	V	Hair colour	Blonde	~	Öyes
Mother's ethnic group	<u> </u>	Hair type	Straight	~	which

9) System settings

a. System table "Scores"

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



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.



General Automatic ID generation	Report editor	Semen analysis	Cycle	Medication	Cryo contract	s and accounting	Donation /
O Not active							
Active - invoicing with MedITEX IV	/F						
○ Active - invoicing with MedITEX A	ccounting				🚺 Ot	oen MedITEX Acco	unting
Cryo contracts	I	nvoice settings					
Automatically create invoice r	no. with followin	ig rule					
Sequential number (10-digi	ts) with leading) zeroes			~		
Automatically create invoice t	itle with:	Cryo storage	9			(from mont	n / year - until
Standard format for invoice		MS Wor	d			⊖ Don't create	doc.
Combine balances from Med	ITEX IVF and M	ledITEX Accounting)				

10) <u>Print preview – Design settings</u>

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

B		I 🖓 📲	1) -			Nev	vReport - P	rint Previ	ew					
9	Preview													
Loa	oad 🞯 [ce C [<u>D</u> esign <u>R</u> ebuild	<i>∯</i> <u>P</u> rint ଔ Print Diak Export To	og Pag PDF Setu	p Form Backg Fit to	at + ground + Page	Whole	Page iges	Zoom	Next Page	e Dage Navigation	₽ ₽	Close Prir Preview	nt
	Report		Output		Format		Zo	om	6	Na	avigation		Preview	
Margins	Left:	12,7 mm	n Top:	12,7 mm	Right: 12,	7 mm Bo	ttom: 1	2,7 mm	Header:	2,5 mm	Footer: 5,1 n	nm		
	Date 🔻	Туре	Group	Sample ID	Parameter	Param. a	Value	Unit	Note		Clinician	Finding s	Approval s	Attention /
	16.03.20 17	Serology	General		Hepatitis B	HEPB	negative							
	16.11.20 16	Serology	General	541269	anti-HBc	HBCAK	negative				Doe, John Dr.	OK		
	27.08.20 15	Zytologie	General		TEST	TEST	258	g/l	76r7	675		OK		
	18.05.20	Hormone	s General		E2	E2	55	pg/ml				-		

11) MedITEX KPI

a. Value table

It is now possible to export or save KPI values.

t is non possible to experi		
MedITEX Key Performance Indicators v2.6.5.0		- 0
Quit Help		
PG KPI (Fresh cycles)	Filter Grouping	7
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 ET/IUI Biochemical PG per ET/IUI Biochemical PG per ET/IUI Clinical PG in started Cycles	Reference date Date of LMP / Therapy start Time period Staff Treatments Age groups Treatment type Stimulation protocol Medication Patient's location Location Maximum of two parameters maters 	FA: Embryologist
Clinical PG in started Cycles (first or second cycle) Clinical PG per retrieval	GOI Sum Legend Labels By years lovert Rotate text Details Target val	e Export Print
Clinical PG (+HB) per retrieval	Chart Table	KPI values as Excel table Ctrl+E
Clinical PG (+HB) per retrieval (first or second cycle)	Clinical PG per ET/IUI (%)	KPI values into clipboard Ctrl+Alt+C KPI values as bitmap image Ctrl+Alt+I
Clinical PG per ET/IUI	Period: Unlimited	Details as Excel table Ctri+D
Clinical PG (+HB) per ET/IUI	120	Chart into clipboard Ctrl+C
Clinical PG per ET/IUI (first or second cycle)		Chart as bitmap image Ctrl+I
Clinical PG (+HB) per ET/IUI (first or second cycle)	100	

b. <u>Report with staff filter "Embryologist"</u>

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

Grouping	K
Time period	
✓ Staff	FA: Embryologist 🗸
Treatments	Attending physician
Age groups	FA: Physician
Stimulation protocol	FA: Embryologist
Medication	Fertilization: Embryologist
Patient's location	ET: Physician
	ET: Embryologist
Maximum of two parameters ma	ay be used for grouping.

Aspiration Embryologist \rightarrow Documentation in Aspiration:

	M	- 3/8	Cycle details Print	labels Messa	ge Scheduler	Accounting -	Demographics -	Medical history
★ ▲ Jane, ID: Date o VIP Billing	DEMO f birth: category:	123456 / 0 01.01.1980 (Private	37) J VIP E	ohn, DEMO): Date of birth: Billing category:	2 / 0 12.03.1975 (42) Private	Cycle ID: Survey ID: Couple code: Cycle billing:	319 Private	Att. clinician: ivf, ivf
erview 🔹	🕖 <u>A</u> spir	ation	<u>Culture</u>	<u>Transfer</u>	Lutea	phase 🔍	Pregnancy	Birth
rt: 10.04.2017 at.: IVF					Medic. OHSS:	: Progesterone		
o <mark>cyte retrieval</mark> Date	Further d	etails	Primary complicat	ion		Ор	erating clinician	
ocyte retrieval Date 22.06.2017	Further d Tim V 12:4	etails e 11 📮 📈	Primary complicat	ion		Op ~	erating clinician	
Date 22.06.2017	Further d Tim V 12: End	etails e 11 📮 📈 time	Primary complicat No complications Further complicati	ion		Op V	erating clinician	

Fertilization: Embryologist \rightarrow Documentation in ART treatment:

Reports Let	Socyte treatments an IVF on: 22.06.2	id semen specimens 2017 at: 00:00 💽 📈		
1	Performed by	Mona, Mueller	~	1
123456 / 0 01.01.1980 Private	Nurse Partner	Donor	~	1

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 Scheduler v2.6. ile System Reports Im	5.0 port Info										- 🗆	×
🔷 🖒 🚉 Jane, DEM	10		VIP	۲	Edit (age and a second secon	at. appointn	n. • New SMS •	MedITEX IVF	Accounting	Communication	
Jane, DEMO			Accour	nt bal:	(\$1,536.00)	E Patient		Linked resi Sta Room	Since [Note		Lou
Image: Part ID: Part ID: DOB: IDOB: Att. clin.: I Billing cat.: I Ins.: J	123456 01.01.1980 ivf, ivf Private AOK	(37)	Phone: Mobile: E-mail: Location:	01234-56 0160-909 janedoe Chemni	5789 916855 @demo.cor tz	r		<no per:<="" td=""><td>son in info area></td><td>5</td><td></td><td></td></no>	son in info area>	5		
<					>							
Selected date: Monda	iy, May 8, 2	017										
Location						Sun	day, Decen	iber 24, 2017				
Regensburg ~							A					
Resource selection		C	loe, John			Boe, Jane		Assistance, Mi	SS			
~	20				1							10
Dofine All	40											
	10 00											
Special view	20											
	40							•				
Date and view choice	11 00											
Day Week	20											_
T 1 00 00 0047	40											
Today: 22.06.2017	12 pm				_							
December 2017	20											
SMTWTFS	40			_	_							
49 3 4 5 6 7 8 9	1.00				_							
50 10 11 12 13 14 15 16	20											
17 18 19 20 22 23	40				1							

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

	Jane, D	EMO		VIP	8	Edit	arian arther ar	Pat. appointm.	• New SMS	MedITEX IVF	Accounting	Communication
lane, DEMO				Accou	int bal: (\$1,536.00	I Patient	Li	inked res(Sta Room	Since	[Note	
▶ ☆ ▲ 7EB [Pat. ID: DOB: Att. clin.: Billing ca Ins.:	123456 01.01.1980 ivf, ivf :: Private AOK	(37)	Phone: Mobile: E-mail: Location	01234-56 0160-909 janedoe(Chemnit	789 16855 @demo.co z	<		<no per<="" td=""><th>rson in info area</th><td>2</td><td></td></no>	rson in info area	2	

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.

File	System	Import	Export	Reports Letter	rs
0	D 8Q	Jane	ES	HRE Report	I
			Geri Se	nd patient to Ger	i

b. **DICOM**

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

Bugs

1) MedITEX IVF

a. <u>General</u>

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. <u>Cycle</u>

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. <u>Report editor</u>

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. <u>Taskmanager</u>

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.

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) <u>SMS</u>

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

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.

Clinic	System	Drugs	Material		Lab	Cryo storage	Incubator	Free / QM fields	
Usage of cryo stora	age eze with cryo storage	🔽 Male cryo	: freeze with cryo storage						
Cryo storage dime	nsioning			8					
Drag a column heade	er here to group by that	column			Cryo container		2 Edit		
Eccation	Description	Туре	Max. number of straws in last level	the	Description	Cryo Tank 5		Туре	
- Standort übergreifend -	Cryo Tank 5	Inactive		6	Location	- Standort übergr	eifend - 🚽	Ooc. / emb.	Sperm
Regensburg	Cryo Tank 0	Both genders		10	Available positi	ons (max. number o	straws) in last storage le	vel (goblet)	6
Regensburg	Cryo Tank 1	Both genders		10					
Regensburg	Cryo Tank 2	Both genders		10	Level A		Level B	Level C	5
Regensburg	Cryo Tank 4	Both genders		5	Tray1		Tray2	Tray3	
Augsburg	Cryo Tank 3	Female		4	A B C		1 2 3 3		

4) <u>Text blocks in Note fields:</u>

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.



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) <u>Consents:</u>

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.

Jane, DEI	Self-paypat. / AOK MO 0 (34) -376.00 €		Messag	es Lab tests Consents	Donor info	Refer	rers
WEB VIP 1	Regensburg		Cy. No.	Consent name	[Date	
		\$		General consent	17.0	3.2014	
Demographics	Medical history	*	11	Consent for drug application	17.0	3.2014	٦
Diagnostics		*	1	Consent for cryo storage	02.0	4.2014	0
Lab. diagnostics	Female exam.	\$		General consent	26.1	1.2013	0
				•			
175cm, 60kg BMI 19.6	In Cryo: 22 samples						

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

		0						0		
Co	onsent	configuration								×
1	List	of all consents								
		Context	Name		Active	Mandatory	Valid from	Valid until	Template	
	æ	Demographical data	General consent	Q			01.04.2013	01.04.2015	A	0
	-	Laboratory	Lab consent	ď			02.04.2014		A	•
	*	Сгуо	Consent for cryo storage	Q					a	0
	*	Cycle: Drugs	Consent for drug application	Q			04.03.2013	04.03.2016	A	0

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

6) <u>Testicular biopsy:</u>

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

New examination Male finding Testicular biopsy	Testicular biopsy - 2; John, DEMO Testicular biopsy	
Le Administrate list	Date Time By 01.04.2014 7 11:22 7 Anesthesiologis Biopsy / Histology / Evaluation Notes	st, Mr
	Image: 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" \rightarrow "Configuration / administration" \rightarrow "Settings" \rightarrow "System" \rightarrow "Functions" \rightarrow "Automatic ID generation")

rder number)ue)3.(date 04.2014	- #	Clinici Anest	an thesiologist, Mr	- µ
Templates for lab	orders 🗸	Name							
Laboratory		Note							
◉ Internal 🛛 ◯ E	xternal								*
Selected parameter	Abbreviation	Status							
AB0	ABO	Æ			Se	earch by p	arameter name		
Glucose2N	GLUC2N	Æ	_	3	Туре	Group	Abbreviation	Parameter name	^
pH maximal	PHMA	Ä			Microbiolog y		КОН	КОН	
			-		Microbiolog		LKMIBI	Leukocytes MIBI	
			-		y Microbiolog		SIPK	Mold culture	
					y				
					Microbiolog		NATIV	Native	
					Microbiolog		UKZ	No. of urine germs	
				Ð	y Microbiolog y		PHMA	pH maximal	
					Microbiolog		РНМІ	pH minimal	
	#3				,	1		;	# 238 👻
Natorial	Quantity (unit		_						
Blood	Quantity / unit								

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.

🔄 Task mana	ager							• X
New task E	Edit task	Delete task	All Fo	n me Byme	Current	couple		
Ope	n	Solv	ed					
. _∃ Date	Т	opic	Creator	Staff	Prio	Status	Deadline	Patie ⊽ nt
€ 26.03.2	2014		ivf ivf			<u>>></u>		Müller, Sabine
▶ 🕀 03.03.2	2014 IV	/F Treatment	ivf ivf	Dr. Jane Doe	Δ		03.04.2014	Jane, DEMO
Topic		Default to	opics	→ Prio			<u> </u>	ormal -
IVF Treatm	ientį			 Status Deadl Linkee 	s line d to a pa	atient	03.04.2014	/5% ▼ ▼ ■ Man
Staff	Dr. J	ane Doe		•	X	Cancel	-	ОК
Total tasks: 2	2							

9) <u>Consultation fertility preservation / social freezing:</u>

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.



ate 3.04.	Time 2014 ▼ 🔏 12:22 📑 🏄	By Anesthesiologist, Mr	- ∦	Status Normal Abnormal
Infor	mation about patient 2 Children	Has partner Yes	•	ls academic Yes 👻
	Medical indicatio Medicatio Medicatio	on ©) Non medical indi	cation
1.	Benign diseases	•	Radiation	No 🔫
2.		•	Chemo	Yes 👻
3.		•		

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" \rightarrow "Functions" \rightarrow "System tables" \rightarrow "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.

Start date 28.03.2014 👻	,	Start time 08:00	1	By Anesthesio	logist, Mr		•	H	Status	s ormal onormal	Browse
ind date)3.04.2014 👻	,,	End time 18:00	1	ICD10 N00					- n	Jioma	
Drugs											
I Drug		Daily dosage	Unit	Dosage frequency	From	Until	Days	Packagin	ng	Note	Ordered
Clomifen		250	[mg]		28.03.2	03.04.201	7				
01 01											

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.



General	Functions	Preser	ntation options	Interfaces		Syst	em tables		
Editable system tables			Edit system table	"Medical history: en	try type"				
Table name Demographics: information s Demographics: Nationality Examinations: entry type	source of patient	A	Items		Show in main window	Text colour	Gender	Active	Medicati on prescript ion active
Lab: Type of material			Consultation fer	tility preserv. / sozial f	V		Both	V	
Laboratory parameter: Group)		Attention		1		Both	V	
Medical history man: Fertility	impairment factors		Note		1		Both	V	
Medical history man: Previou Medical history woman: Previ	S IIINESSES IOUS IIINESSES		Medication pres	cription			Both	V	V
Medical history woman: Steri Medical history: entry type Oocyte/embryo cryo: Cryo tec	hnique	-11							

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).

Vanufacturer	GPS		
Article	16W		Use at location
			Regensburg
Batch		Description	
Batch can be	eused	Plastic_001	
from: 01.09 until: 01.04	.2013 - .2014 -		
Package conter	nt (number)		
warn ir less tha	an (number) 3	Matchcode	7 Û

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) <u>Cycle:</u>

a. New checkboxes were added in the cycle details. Cycle - 1; Jane, DEMO

Jane, DEMO 01.01.1980 (34)		John, 12.03.1	DEMO 975 (39)	Locatio
General	Additional m	neasures	PBD Indication	PGD Indication
Treatment	IC SI		•	
	IVM MIMSI	🖳 Fertili 🖳 Socia	ty preservation I egg freezing	

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

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

15) <u>Culture:</u>

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.

📓 G	raphical repres	entation	Summed represer	itation	_	PBD PGD
Day 1	Day 2	Day 3	DPD analysis	PCD analysis		stage
2.04.2008	13.04.2008	14.04.2008	PDD allalysis	PGD analysis		Embryo age [d]
		67			- I -	Score
Ő	(?)	ີ 🤉 🗌				Score time
9	12	5				Ooc. group
120		ET 👝	PB1: Normal			Physician
(9)	(?)	``(?)	PB2: Combination			Embryologist
	12	5	EMB: TR:		,	Note

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

16) <u>Pregnancy:</u>

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

- Embryo 1	
PG progress until 24th week	_
Continuous	•
Note	
J.	

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".

Free search

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) <u>Start mask:</u>

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

File	System	Import	Export	Reports	Letters	Search for patier	ts Tools	Windows	<u>H</u> e	lp		
	D Jai	ne, DEN	Ю				Scheduler	Accounting	•	New patient	New couple	Messages

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) <u>Demographic details:</u>

- 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.

Der	nographics				×
	Private details	Insurance / accounting	Referring doctor	Webportal	
	Billing category	Self-pay pat. 👻		Social security number	
	Main invoice receiver	Insurance 👻			
	Co-payment	0,00 %			
	★ Health insurance	1 📩 Health insurance 2	Funding source	Ì	
	Organisation / institution	▼ (€	*		

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.

Female medical history - 1;	Jane, DEMO		
Basic	General	Gynaecology	Fertility
Date of medical history Attending clinician	04.04.2014	- 11 - 11	Unprotected intercourse sin Year 2006 →
Please confirm:		-	×
The field 'Attendin Would you like to t	g clinician' is empty. take over the clinician "Dr. Joh	n Doe" from the last male me	dical history from 17.02.2014?

- 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 fiel	d "Purpose" the	Purpose		None
	"IVM" and "Fertility preserva	ition"	For donation		Semen analysis
	inter and renaity preserve		Collection method		
			Collection place		Insemination
			Collection difficulties	s	
b.	Liquefaction time is automat by clicking on the flash .	ically calculated	Native		Fertility preservation
	Viscosity			•	
	Liquefaction time [min]	1	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" \rightarrow "Configuration / administration" \rightarrow "Settings" \rightarrow "System" \rightarrow "Functions" \rightarrow "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.

File	System	Import	Export	Reports	E Letters	<u>S</u> earc	n for pati	ents	Tools	Windows	<u>H</u> elp	Adm	intools
	Home Settings												
	Clinic		Syste	m	Drug	S	Ma	teria	I [Lab		Сгуо	storage
		Gener	al	7	Funct	ions		P	resenta	tion options	i T		Interfaces
	General	F	Automatic	ID ge	Report e	ditor	Seme	n anal	lysis	Cycle	(Стуо со	ntracts
If you analys	✓ Use W activate sis mask.	HO gui [A+B],	ide [A+B] you can	see it ir	the seme	en		•	After preparation	WHO A WHO A	- ells [1 \B [%] C [%] C [%]	- 0 ⁶ /ml]	

26) Cryo storage:

- a. 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.
- b. You can assign the storage places to **different locations** in the settings (if your clinic has multiple locations..
- c. Cryo storage of a **donor**: You can identify reserved material easier.

Cryo container Cryo Tank 1	*	Description Cryo Tank 3		2	Type V Ooc. / emb.	V Sperm
LIYO TAIIK S		Tray1		Tray2		
		A B	*	1 2	•	4
[
	=					
	+		-		~	

27) Cryo male/female:

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

28) <u>RFID / Barcode:</u>

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

29) <u>Plausibility messages:</u>

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

30) <u>Plausibility lights:</u>

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.

31) Report editor:

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

Children	Cyc.	Med.	Pro.	Note	
[1]		0			6
		0			6
	•	0			Ê

- 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.

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.

G 0!	\sum_{Sum}	Legend	Labels	By years Inver	E Rotate text	Details]	Targ	et value Export	Print		
	Cha	art			Table							
					ate							
				Pei	iod: 11.03.20	08 - 31.03	3.2	014				
				Age: <	26; 26 - 30; 3	1 - 35; 36	- 4	40; > 40				
Drag a column	haadar	hara to orou	n by that	solumo	F			Drag a column	haadar hara to or	oup by that colum	0	•
Drag a Column	licauci	nere to grou	p by that						neader nere to gr			
Value (%)		Value (abs	solute)	Value (total)	# cycles		1	Patient ID	No. of cycle	Reference da	Treatmen	
►	20,30		30	14	18	29		12389	4	01.03.2013	ICSI	
								111111	4	03.01.2013	ICSI	
						ſ		123456789	2	18.11.2011	IVF	
							,	3434	12	27.03.2014	Only aspir	
						ľ		3434	10	21.03.2014	ICSI	
						l		12389	5	01.04.2013	ICSI	
								3434	4	18.03.2014	IVF,ICSI	
								12389	6	01.03.2013	ICSI	Ξ
								12389	7	01.03.2013	ICSI	
			30	14	18	29				# 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.
- 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 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. File System Appointments Patients Reports Import Info

🖧 🔍 Jane, D	EMO			VIP	Edit	arian arther Go to partner	Pat. appointm.	MedITEX IVF
Jane, DEMO	Pat. ID: DOB:	1 01.01.1980	(34)	Accou Phone: Mobile:	unt bal: 01234-567 0160-5678	-376,00€ 789 89	 Patient Jane, DEMO 	Linked Doe, J
KRA	Att. clin.: Billing cat.: Ins.:	Doe, John Dr. Self-pay pat. AOK		E-mail: Location:	janedoe(Regensb	⊉demo.com urg	Müller, Sabine	Doe, J
WEB VIP	•							

- 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).

🔍 <mark>Jane, I</mark>	DEMO		VIP 🐼	≗⇒ Open partner	Print E-ma	il MedITEX	KF Accounting				
Show current appointments by resource											
Current and future appointments All appointment											
Drag a column I	header here to gro	oup by that colum	n								
Date	From (time)	To (time)	Treatment		Subject		Note	Linked resources	Status		
07.04.2014	10:40	12:40	First Consultation					Doe, John			
07.04.2014	14:40	15:10	Ultrasound					Assistance, Miss; Doe, Jane			
07.04.2014	17:00	17:45	IVF					Doe, Jane	No status		
									Y		
Appointments	of patient		VIP	<mark>≧⇒</mark> Open partner	Print E-ma	il MedITEX	VF Accounting	-	 ×		
Appointments	s of patient DEMO rent appointm	nents by reso	VIP 😧	≧⇒ Open partner	Print E-ma	il MedITEX	VF Accounting				
Appointments	of patient DEMO rent appointm and future appo	nents by reso ointments	VIP 🐼	©pen partner	Print E-ma	il MedITEX	KF Accounting				
Appointments	s of patient DEMO rent appointm and future appo	nents by reso ointments	VIP 🐼	©⇔ Open partner	Print E-ma	il MedITEX	KF Accounting				
Appointments C Jane, I Show curr Current : Drag a column I Date	s of patient DEMO rent appointm and future appoint header here to gro From (time)	nents by reso ointments oup by that colum To (time)	VIP 🐼	©⇔ Open partner	Print E-ma	il MedITEX	VF Accounting Note	Linked resources	Status		
Appointments C Jane, I Show curr Current Drag a column H Date 07:04.2014	s of patient DEMO and future appointm neader here to gro From (time) 10:40	ointments ointments To (time) 12:40	VIP UICE All a In Treatment First Consultation	©⇔ Open partner	Print E-ma	il MedITEX	VF Accounting Note	Linked resources Doe, John	Status		
Appointments , Jane, I ✓ Show curr Current : Drag a column I ■ Date > 07.04.2014 07.04.2014	and future appointmeader here to group 10:40	ointments by reso ointments To (time) 12:40 15:10	VIP VIP Iurce All a In First Consultation Ultrasound	© Gpen partner Appointment	Print E-ma	il MedITEX	VF Accounting Note	Linked resources Doe, John Doe, Jane	Status		
Appointments C Jane, I Show curr Current Drag a column I Date 07.04.2014 07.04.2014	and future appointmeader here to grov From (time) 10:40 14:40	ointments by reso ointments To (time) 12:40 15:10 15:10	VIP VIP Iurce All a Treatment First Consultation Ultrasound Ultrasound	Copen partner	Print E-ma	il MedITEX	VF Accounting Note	Linked resources Doe, John Doe, Jane Assistance, Miss	Status		

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.

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.

Pat. appointm.	Print E-mail
Appointment list of patient	
New appointment	
🔯 Free time	

- 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.

1 - VIP - Consulta	Edit appointment Oelete appointment Send appointment per e-mail	Del
	No status 🔍 No answer	

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:

- a. In the cycle details the calculator function to compute the LMP date is always available.
- b. The data of the cycle overview will be updated immediately.
- c. The cycle overview displays what was actually transferred and not was available for transfer.

MedITEX DocLink v2.0.9	
Import files to MedITEX IVF	
File	Da
C:\Users\juru\Desktop\Ebene_1\Bild_1.png	18.03.

- d. Planned ultrasound examinations can be deleted later in cycle again.
- e. The "last bHCG value" is displayed correctly in the pregnancy mask.
- f. The traffic light for "birth" in cycle overview will be only green when data is entered for a child.

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.

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.

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.



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.

Message	s Lab tests [Donor info Refer	rers
Name	Clinic	Contacts	Note
Dr. Any Where	Anystreet No. 2 Anytown	01234-56789 01234-567890 hno@praxis.net	Lorem ipsum Aenean comm natoque pena ridiculus mus.
Dr. Steven	Dr. Stone and Partner		Lorem ipsum

6) Semen analysis:

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



7) Sperm thawing:

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

s	emen analysis - 2; Dr. John, DE	мо							×
L	Collection date		- 📈	Time	00:00	* *	Abstinence period [d]	Beginning of analysis 00:00	A
L	Thawing date		-	Time		×	Analysed by	•	£22°&\`
L	Sample ID						Appearance		2003
	Purpose	None				•	Smell	· · ·	Eq.
	Sperm from donor						Viscosity		6025
	Collection method					•	Liquefaction time [min]		F.
	Collection place					•	Treatment		Thaw from
	Collection difficulties						Score		cryo storage

8) <u>Lists:</u>

For better clinical organization the new list "Anticipated aspirations" has been introduced (available over the menu "Reports" \rightarrow "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.

ane, DEMO 1.01.1980 (34)	John, DE 01.01.1980	MO (34)	G MedITEX IVF v2.5.0	Export Reports Letters
General	Additional measures	PBD Indication	1	2 v 12/13
Treatment	ICSI	¥	I Dr. Jane ID: Date of bi	th: 01.01.1980 (3 egory: Insured
Cycle from amenorrhea	Unknown	Ŧ	Overview Image: Operation of the second	Aspiration 04.03.2013
Main indication	Female	•	Treat: IVF,ICSI	#00c: /
Protocol	ultralong	•	Cycle overview	
Stimulated cycle	Not specified	•	Treatm.: ICSI [IVF,ICSI]	#Emb.: 1 [2]
Long-term medication	Euthyrox		Protocol: ultralong	-
Planned no. of embryos	1	2	PI. sperm collection: Ar	tegrade ejaculation
Planned sperm collection	Antegrade ejaculation	•	PBD Indication:	
Attending clinician	Doe, John Dr.	- 1	PGD indication: Note for accounting:	
Survey ID	123456548789798			

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.

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.

MedITEX Key Performance Indicators		
Navigation	Filtering and grouping	
Lab KPI	Filter	
MII rate	Reference date Date of LMP / Therapy start - Time period	Yearly -
Fertilization rate (>=2PN)	Period from 01.11.2012 - to 19.11.2012 - V Staff	Attending physician 👻
Regular fertilization rate (only 2PN)	Treatments	
Degenerated oocytes IVF		
Degenerated oocytes ICSI		
Cleavage rate	Age groups 26 - 30 Maximum of two param	neters may be used for grouping.
4 cells embryos on day 2		
8 cells embryos on day 3		
Blastocyst rate		
Embryo usage	GOL Sum Lenerd Labels By years Invert Rotate text	t Print
Biochemical PG per retrieval		
Biochemical PG per retrieval (first or second cy		
Biochemical PG per ET/IUI	Fertilization rate (>=2PN)	
Biochemical PG per ET/IUI (first or second cycle)	Period: Unlimited (Yearly)	
Clinical PG per retrieval	6	
Clinical PG per retrieval (first or second cycle)	5,5	
cancer o per realerer (and or become cycle)		

- Follow this <u>link</u> 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.

MedITEX Administration	-	description in the second					-												
Exit																			
	Rights n	nanagement																	
Rights management Administration of staff and users		Administration	of staff and u	sers															
Administration of user groups		Change																	
Administration of user rights	Title	Name	Username	Colour	Login Me	Login Mec	Admin	View don	Activate	Change p	Externa	Active	Clinicia	Embry	OP	Registi	Lab	Docun	Nurse
		Anesthesiologist, Mr	user78									v			V				
		Assistance, Miss	user77									v		(m)	V				
		Dewar, Lucas	ivf		V	V		V	V	V		V							
	Dr.	Doe, Jane	user75									v		v					
	Dr.	Doe, John	user74		(m)	[""]		[]				V	V						

→ Detailed information is available <u>here</u>.

- 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 <u>here</u> to read more details.

2) General Functions:

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.

Cŋ	yo contract:	s and account	ing			-	-					
Co	ntracts an	d invoices										
Search by invoice number Select all Print invoices Image: Print list Image: Print list <td< th=""></td<>												
	Orag a colum Contract status	n header here f	to group by t Person	hat column Patient ID	Gender	Next invoice due on	Contract number	Contract start	Contract	Amount	Payment method	Сгуо-с
Þ		•	Jane, DEMO	1	F	10.06.2012	000001	10.06.2010	12 months	2.500,00	Bank transfer	#Straw
		•	John, DEMO	2	М	10.06.2012	000002	10.06.2010	12 months	2.500,00	Bank collection	#Straw

→ 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 <u>here</u>.
- 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 <u>here</u>, 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 <u>here</u> to get more information about.

- 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.
- 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.

Type Descr	iption
Type Description	nal n
Value	men
Date	vcle

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.

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 .



- 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	5

→ 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.

- \rightarrow More information about it can be found <u>here</u>.
- 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: <u>MedITEX</u> <u>Administration instructions</u>.

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".





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:

- The sperm donor area has been completely revised and expanded with personal a. 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 <u>here</u>. 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:

In the transfer mask, an additional (second) transfer date can be documented. This date is a. 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



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:

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

- 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) <u>Cryo:</u>

- 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) <u>Therapy:</u>

- 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.

Examinations	edical history		
Examination Female associated medical history (01.03.2008)			
Examinations (Male associated medical history (01.03.2008)			
Male finding (01.03.2008)			

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.

Medication templates		
Save as new template		
Luteal	•	Use template
		Update template
		Rename template
		Delete template

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 <u>later</u> 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.
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.

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, Ol/IUI 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.

MedITEX IVF v1.3.0.0		_	_										• ×
File System Import	Export Re	ports Lett	ers Search	for patients	Tools W	indows H	elp Admi	intools					
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Generate therapy	Overvi Create Change	ew d: 12.12.2 ed: 12.12.2	011 011	Calenda Planning medicati	ar g: Follikle as ion, lab diag	piration, tra nostics, ult	nsfer, rasound	Ø Cycle du 28 Days	ration Pi)			
Calendar										Rep	port designer	a	
-	Therapy p	lan	-		_				-				
	1	2	3	4	5	6	7	8	9	10	11	12	13
Date of LMP													
Medication													
Gonal-f		250	250	250	250	250	250	250	250	250	250		
Ovitrelle												300	
Lab diagnostics													
FSH					V								
E2					v								
Serology					V								
Ultrasound													
Follicle US				V		V			V				
Other US		V											
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Template		Neweve	ent	New	v drug	Nev		C	emplate?	_			
Save as new t	template?		User: ivf. iv	f			Clin	Long protocol	emplate:	•	Use templat	te la	07
Long protocol	l i	· · =						Short protocol			- se templat		
Short protocol	I							Single protoco	J		Update temp	olate	1.1
Single protoco	bl	•						Tangie protoco	D		Rename tem	plate	
Template (ICS	I)	+						i emplate (ICSI	U)	•	Delete templ	ate	

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 (spermiogram):

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



7.) Cycle overview and lutheal phase:

- 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.



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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Oocyte triggering	Mo 07.	Di 08.		Diton	Test Ser
Yes 🔻	1	2	36)		941
Events	LP		•	11 13	
[-] Medication	_			110	\mathbb{C}
Gonal-f Pen [IU]		200	-//		
Orgalutran [mg]			- 60		- (
Ovitrelle [µq]			-	1	100
[-] Hormones			•		+
Anti-Muellerian-Hormone				1	
E1 [pg/ml]			1	1	
E2 [pg/ml]			_ /		10
FSH [mIU/ml]			1	4	10
FSH2 [mIU/ml]					0
Ferritin [ng/ml]				N. BUILDE	1270
HCG [mlU/ml]					
LH [mlU/ml]					
Progesterone [ng/ml]			Physicia	an: Doe, J	lohn
TSH [µIU/ml]			Note: Lo	orem ipsu	im do
[-] Ultrasound			Aenean	commod	lo ligu
Examination	 ✓ 				
[-] Follicle US		1	2		
Endom. [mm]					
Total		9	8		
Left lead. foll.		19	18		



/	Clinic Sy	stem	Drugs		Staff	Material	r—	Lab	Cryo storage	Free / QM fields	System tables	Incubato
s	ystem											
G	eneral Report editor	Statistics	Printer	Interfaces	Add-ons	Donation / surro	ogate i	notherhood	Presentation	options Colours		
	Clinia lana											
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Ir	Letters from report	editor	_	_	_	_	_	_	_	_	_	
	Letters non report	cuitor							Type		Group	
Ш	Drag a column head	er here to	group by th	at column					Therapy	letter	Referer	
Ш	Туре	Gro	up	Letter ti	tle		Δ	Changed on	Title			
н	Therapy letter	Pati	ent	IVF-ICSI-	Letter			12.12.2011	Therapy	letter to referring	doctor	
h	Therapy letter	Refe	erer	Therapy	letter to ref	erring doctor		12.12.2011	morupy	ionion to renorming		
Ш	Therapy letter	Pati	ent	Therapy	letter with e	emb pictures		12.12.2011	Show pla	<u>aceholder</u>	SI	how SQL-C
Ш	Therapy letter	Refe	erer	Therapy	with EMB p	ictures		12.12.2011	Persons.A	ddress: city		
Ш	Therapy letter			Therapyl	etter with u	Itrasound picture	S	25.11.2011	Persons.A	ddress: house		
Ш	Therapy letter			Transfer	Letter Sim	ple		26.10.2011	Persons.A Persons.A	ddress: postal code ddress: street	;	
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				W	ithout askii	ng						
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The letters belonging to the same group will be grouped in a submenu item with the group name.

Ехро	rt Reports	Letters Search for	r patients	Tools Windows Help Admintools		_				
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	Stort: 04 44 30	44 40 44 0044	*	Tf -#			20 11 2011		1	

- 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.

e N	ledITEX IVF	v1.3.0.0	-	-									
File	System	Import	Export	Reports	Letters	<u>S</u> earch f	or patients	Tools	Windows	<u>H</u> elp	Admintoo	ls	
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07.	04.2008		Hormone	es G	eneral		E2		l.	og/ml			
00	04 2008		Hormone	es G	eneral		FSH		r	nIU/ml			
03.	04.2000	_	Hormone	es G	eneral		HCG		r	nIU/mI			
07.	04.2008	_	Hormone	es G	eneral		ІН		r	niU/mi			
09.	04.2008		Learner		en erel		Decembra						
07.	04.2008		Hormone	es G	eneral		Progeste	rone	r	ig/mil			
00	04 2000												

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.

aboratory paramete	r		and a second
Param. short name	Parameter	Finding validity period	t
FSH	FSH	unlimited	 Browse
Unit [mIU/ml]	Туре	unlimited 2 weeks	
mlU/ml 👻	Hormones	1 month	
C Show in main wi	adow	3 months	o lob
	luow	6 months	elab
🖉 Show in calenda	r of therapy overview	12 months	
With this colo	ur 🗾 🔻		
Parameter value ran	ine in the second se	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

- 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 \rightarrow System \rightarrow Interfaces \rightarrow MedITEX Scheduler" you will find a list of certain events, which trigger the automatic generation of appointment proposals.

Clin	nic S	System	Drugs	S	taff	Material	Lab	Cryo s	torage F	ree / QM fields	System tables	Incubator
stem												
neral	Report editor	Statistics	Printer	Interfaces	dd-ons	Donation / surro	ogate motherhood	Prese	ntation opt	tions Colou	rs	
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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.

13.) Main menu:

File	System	Import	Export	t
	Exit			
	Change U	lser	F2	

Over the menu item "File \rightarrow 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:

a. Interface to **Synlab**: Web orders of laboratory parameters with Synlab.

b. MedITEX DocLink

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

m	Impo	t Export	Reports	Letters	Search for patients	s
		atient and	lab data			E
		mport doc	uments via	MedITE>	(DocLink	h

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:

▼).		· ·	
File	Date	Description	Only copy to file storage	Del. source
C:\CRITEX\MedITEX\File_Storage	13/12/2011	IMAGING2_C7B10A.		
C:\CRITEX\MedITEX\File_Storage	13/12/2011	IMAGING2_C1C620.		
C:\CRITEX\MedITEX\File_Storage	13/12/2011	IMAGING2_5A20A3.b		

MedITEX DocLink v1.0.	0.40			
Import files to MedITE	X IVF			and the second second
~			-	
	Pie	ase drop files here	d	
0 Files				/

- 1. Patient document storage
 - a. Patient data (general document, attention message, note)
 - b. Laboratory diagnosis (grouped after laboratory values)
 - c. Examination (in all existing examination types)
- 2. Oocyte/Embryo development
- 3. Incubators
- 4. Semen analysis (general, native, preparation)
- 5. Ultrasound examinations

Import files t	to MedITEX IVF				
).			
C:\CRI C:\CRITEXWAR C:\CRITEX\Ma	Patient data Lab diagnostics Examinations con EXIFIRE_Storage edITEX\File_Storage	 Image: Second sec	General document Document storage Attention Note 12008 IMAGING2_DA20A3.0	Only copy to file storage	Del. source

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 \rightarrow Appointments \rightarrow Proposed appointments".

Proposed appo	ointments			1				
Expected appo	ointments Hist	ory						
Drag a column he	ader here to grou	o by th	at column					🔞 🐼
Stard date (prop.)	Start time (prop.)	Calen	Patient	Patient ID	Appointment treatment	Triggering event	Real start of appoint	Real start time
15.12.2011	09:30	50	Clarkson, Angela	26	Transfer	15.12.2011 09:30 : Ti	14.12.2011	09:30
16.12.2011	12:00	50	Mary, DEMO1	3	Insemination	15.12.2011 00:00 : 0		
18.12.2011	12:00	50	Berger, Barbara	76	Follicle aspiration b	17.12.2011 00:00 : 0		
19.12.2011	13:00	51	Jane, DEMO	1	Transfer	19.12.2011 13:00 : Ti		
02.01.2012	13:00	1	Jane, DEMO	1	Pregnancy test	19.12.2011 13:00 : Ti		
			# Count: 5					
						Show appointment	nt 🛛 🗙	Cancel

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.

6	Proposed appo	ointments							
	Expected appo	ointments Hist	ory						
	Drag a column he	ader here to group	o by th	at column					🔞 🐼
	Stard date (prop.)	Start time (prop.)	Calen	Patient	Patient ID	Appointment treatment	Triggering event	Real start of appoint	Real start time
	15.12.2011	09:30	50	Clarkson, Angela	26	Transfer	15.12.2011 09:30 : Ti	14.12.2011	09:30
	16.12.2011	12:00	50	Mary, DEMO1	3	Insemination	15.12.2011 00:00 : 0		

b. Patient location:

I MedITEX Scheduler v1.1.	5.0		-	-	-					x
<u>File</u> System <u>Appointmen</u>	nts <u>P</u> atien	ts <u>R</u> eports <u>I</u> mport I <u>n</u> fo				_				
Appointment list / print	Search for	r patient		Patient	Linked calendars		Room		Since [hh:mm	n]] ^
Print scheduler				Mary DEMO1	OR 1 Doe, John		Waitingro	om 2	00:46	=
1 Patient's location			<u> </u>	Donna Dana	OR 2 Doe, Jane		OR 2		00:47	
Day info	A	ppointment list New appoint	ment	Summer Susann	OR 1 Doe, John		OR 1		00:34	
	_			Berger Bettina	Doe, Jane	_	Waitingro	om 1	00:00	
Selected date: 13 Decen	nber 2011								and the second second second	
Calendar selection: Define All				13 Dec	cember					^
•		Doe, John		0R 1	Doe,	Jane		OR 2		
Special selection 🔻	4 50				🖌 4 - Steven, DE	MO1 / Blo	bod			
View options:	10 .00				💙 24 - Miller,					
	15 30				Evelyn / Hitraeound	× 26 - Clar	rkson,	26 - Clarkson, Ar transfer b	igela / Embryo	-
Today: 13/12/2011	45	OP				Emb	pela / pryo			-
	11 00	🔮 5 - Jane, DEMO2 / IVF				tran	nsfer b			-
◆ December 2011 ◆	15	OP			😕 8 - Donna, Dar	na / Follic	le	😕 8 - Donna, Dana	/ Follicle	=
49 28 29 30 1 2 3 4	30	🏷 48 - Summer, Susann / Transfer	🐉 48 - Sum	mer, Susann / Transfer	aspiration b		-	aspiration b		
50 5 6 7 8 9 10 11	45									
⁵¹ 12 13 14 15 16 17 18	12	崎 3 - VIP - Mary, DEMO1 / Embryo	🔥 3 - VIP - I	Mary, DEMO1 / Embryo						
⁵² 19 20 21 22 23 24 25 1 26 27 28 29 30 31	15	transfer a	transfer	а						
25 21 20 20 00 01					崎 76 - Berger, Be	ettina /				

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.

Room	s
Waitingroom 2	0
Waitingroom 1	0
Waitingroom 2	0
OR 1	0
OR 2	
Room 1	1
Room 2	

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 is in waiting room".

-	i i [©] 3 tra	VIP Man: DEMO1 / Emboro Edit appointment Original Delete appointment	Entf	1
-		No status		ľ
	-	🗙 Patient absent		ľ
	% 1	崎 Patient in waiting room		ł
	a	🧞 Appoint. starts / patient in treatment		├
H		 Appointment finished 		ŀ
4		 Appointment discontinued 		ŀ
_				L
		Copen patient in Medil EX IVF		

atient	Linked calendars	Room	Since [hh:mr
lary DEMO1	OR 1 Doe, John	Waitingro	P. One of the second
onna Dana	OR 2 Doe, Jane	OR 2	E Open appointment
ummer Susann	OR 1 Doe, John	OR 1	崎 Patient in waitingroom
erger Bettina	Doe, Jane	Waitinoro	🐉 Appoint. starts / patient in trea
			 Appointment finished

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.



-						
Filter after resource:	oe, John	•				
Patient	Appointment beg	in [Treatment	Resource	Patient in room	Since [hh:mm]	Total t
Mary DEMO1	13/12/2011	Embryo transfer a	a OR 1 Doe, John	Waitingroom 2	01:10	01:11
Jane DEMO	13/12/2011	Follicle aspiration	a OR 1 Doe, John	OR 1	00:18	00:16
System Waiting limit The colour of the waiting time in t waiting room changes to red if a waiting longer than the limit. Number of waitingrooms	he virtual patient is	8 (m)	T settings (the group general s waiting ro	he rooms can Menu: "System o <u>type</u> "Room". ettings to spec poms.	be defined in →Settings") a Additionally it ify the total r	the as a t is po numb
MedITEX Scheduler v1.1.5. <u>File System Appointments</u>	0 s <u>P</u> atients <u>R</u> epo	rts <u>I</u> mport I <u>n</u>	fo		(and the second	11100
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MedITEX Scheduler v1.1.5. <u>File System Appointments</u> SETTINGS <u>General</u> Agroup has to be assigned	0 <u>P</u> atients <u>R</u> epo Home gned to	rts Import In Calendar	ifo Working tir alendar	nes and constraints	Treatme	ents
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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 spermiogram window, the time of the acquisition is no longer doubled.
- b. The motility percentage values are now displayed with no decimal places.

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 >= 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.