

DPV

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 - [Copy database for local analysis](#)



Possible use of DPV

**single workstation:
one user at a time**

**server client:
multiple concurrent users**

Supported operating systems

Client: Windows 7, Windows 8, Windows 10

**Server: Windows Server 2008, Windows Server 2012,
Windows Server 2016**

Apple, Linux: contact Uni Ulm

Windows XP / Windows Vista

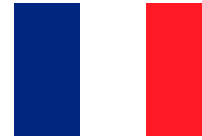
- Support for Windows XP from Microsoft expired April 2014
 - Support for Windows Vista from Microsoft expired April 2017
 - No more security updates will be provided!
- **we think it is not safe to save patient data on Windows XP or Windows Vista**

Support for Windows 7 from Microsoft will expire in January 2020

Supported languages

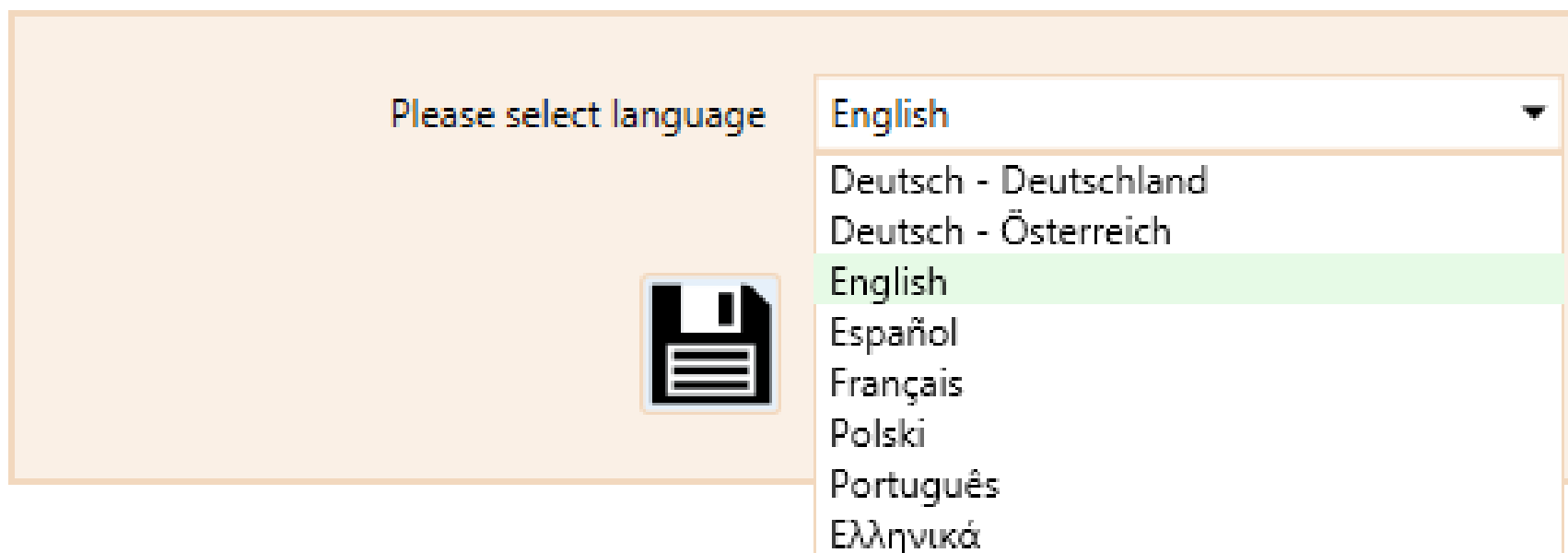
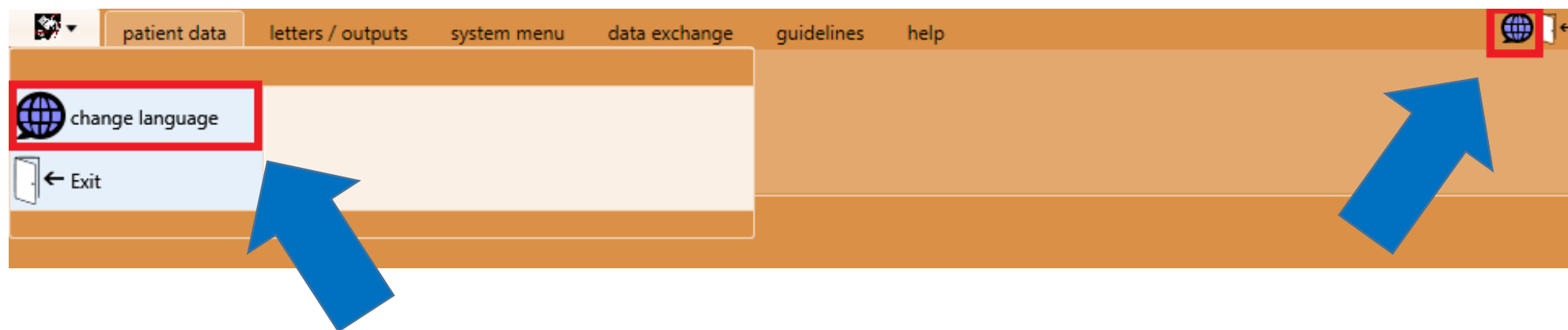
- Available languages in DPV:

- English
- German
- French
- Greek
- Portuguese
- Spanish
- Polish

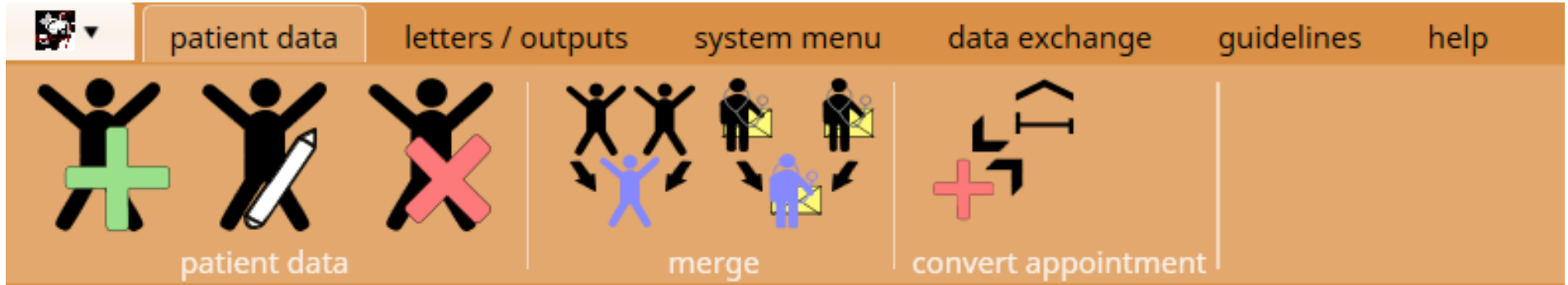


- If you have a better solution for a phrase, please send us your suggestion
- Labels with missing translations will be displayed in English
- Please contact us if you would like to translate DPV into an additional language

Change language



Patient data



- Patient data
 - Add new patient
 - Edit existing patient
 - Delete patient data
- Merge
 - Identical patients
 - Identical recipients of medical report
- Convert appointment (outpatient ↔ inpatient)

Search for patients



☐ last name
 first name
name

☐ phonetic search
pat. ID
birthday 15
patient ID / date of birth

☒ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone
filter

name	first name	birthday	city
Basso	Basso	06/10/2007	Meckenheim
Böhl	Conrad	29/03/1988	Bühl
Böhl	Dora	12/08/1991	Wachenheim
Böhl	ella	10/10/1999	Mörfelden-Walldorf
Böhl		17/05/1997	Mannweiler-Cölln
fem 0.9 years	litus sim 02/2012 (6.1 years); pat. ID: 1402		
Boffin	May	23/06/1999	Schifferstadt
Boffin	Peregrin	13/09/1999	Berlin Frohnau
Boffin	Razanur	10/08/1995	Neubörger
Boffin	Savanna	13/04/1995	Schirmitz
Boffin	Valdemar	18/10/2007	Gohrau
Bolg	Bladud	26/05/1999	Lichtenberg
Bolg	Doderic	20/09/2011	Grömitz
Bolg	Erling	15/04/1999	Großenkneten
Bolg	Hildibrand	26/04/2000	Schwabhausen
Bolg...	Jemima	07/03/1996	Kinheim
Bolger	Pamphila	30/09/1998	Olsberg
Bolger	Salvia	03/07/1985	Bremerhaven Mitte
Bolger-Baggins	Bildad	15/08/1996	Fohren-Linden
Bolger-Baggins	Bingo	27/07/1998	Röhrmoos
Bolger-Baggins	Carl	22/04/1997	München
Bolger-Baggins	Ceredic	15/12/2005	Bad Windsheim
Bolger-Baggins	Cornelia	28/11/1996	Delbrück
Bolger-Baggins	Drogo	12/10/1998	Putlitz
Bolger-Baggins	Jago	29/06/2002	Delitzsch
Bolger-Baggins	Marigold	27/03/2011	Wesel
Bolger-Baggins	Nina	08/08/1996	Arnstein
Bolger-Baggins	Ranugad	11/07/1995	Mettlach
Bolger-Baggins	Robur	26/08/1996	Westensee
Bracegirdle	Bowman	11/10/2001	Holzhausen
Bracegirdle	Columbus	24/02/2009	Vöhringen

Search criteria: name

last name
☐ phonetic search

first name

pat. ID

birthday



☒ patients with continuing care only
☐ filter query to days
☒ outpatient
☒ inpatient
☒ telephone

name
patient ID / date of birth
filter

last name	first name	birthday	city
Baggins	Bilba	15/04/2004	
Baggins	Camelia	19/05/2000	Aitrang
Baggins	Ceredic	27/06/1992	Neckarbischofsheim
Baggins	Columbus	29/05/1993	Mühlhausen
Baggins	Donnamira	16/01/2008	Niedermohr
Baggins	Gerda	19/05/1999	Ebstor
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Prospero	09/09/2000	Rositz

Search criteria: name – phonetic search

search for patient

last name Took ☒ phonetic search
first name
name

pat. ID
birthday 15
patient ID / date of birth

☒ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone
filter

last name	name	birthday	city
Dźygało	Łzaplińska	25/12/2017	
Took	Amaranth	03/12/2004	Grebenhain
Took	Elanor	12/08/1994	Wirfus
Took	Flavus	04/04/2005	Berlin Schöneberg
Took	Griffo	09/08/2000	München
Took	Hamfast	20/07/1996	Henfenfeld
Took	Jolly	21/11/2008	Großolbersdorf
Took	Matta	20/07/1999	Birkenwerder
Took	Pervinca	29/10/2003	Wyk
Took	Prima	26/08/2010	Magdeburg
Took	Sago	23/05/1998	Dietersburg
Took	Sagramor	06/08/1993	Bielefeld Hillegossen
Took	Tanta	21/10/1999	Schönthal
Took	Tanta	17/01/2000	Blaibach
Tûk	Amalda	01/04/2007	Saarbrücken Alt-Saarbrücken
Tûk	Amaranth	02/03/2008	Wiesthal
Tûk	Chica	28/01/1999	Hamburg Moorburg
Tûk	Cottar	09/11/1990	Berlin Friedrichshagen
Tûk	Ferdinand	13/07/2001	München
Tûk	Hending	22/09/1998	Lübbenau
Tûk	Magnus	25/01/2005	Jucken
Tûk	Meriadoc	27/11/2004	Pickließem
Tûk	Tobold	03/10/2008	Pollenfeld

Search criteria

last name ☐ phonetic search
first name

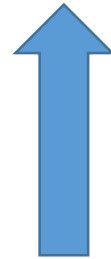
name

pat. ID
birthday 15

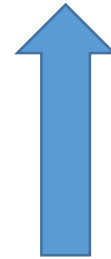
patient ID / date of birth

☐ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone

filter



Patient ID
Date of birth



Additional
filters

Order

- Default: last name

last name	first name	birthday	city
Baggins	Bilba	15/04/2004	
Baggins	Camelia	19/05/2000	Aitrang
Baggins	Ceredic	27/06/1992	Neckarbischofsheim
Baggins	Columbus	29/05/1993	Mühlhausen
Baggins	Donnamira	16/01/2008	Niedermohr
Baggins	Gerda	19/05/1999	Ebstor
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Prospero	09/09/2000	Rositz
Banks	Bellisima	29/07/1996	Friedewald
Banks	Bladud	05/08/1994	Saalfeld
Banks	Bowman	25/12/1999	Neustadt an der Weinstraße Dut
Banks	Gerda	11/05/1997	Calberlah
Banks	Jessamine	22/08/2000	Aßling
Banks	Linda	12/03/1997	Gersdorf
Banks	Marmaduke	04/11/2002	Eggingen
Banks	Otho	12/01/1996	Kulmbach
Banks	Pamphila	07/05/1997	Kindsbach
Banks	Robinia	19/10/1994	Tharandt
Banks	Rose	15/02/1996	Mallersdorf-Pfaffenberg
Banks	Trahand	06/03/1996	Singhofen
Boffin	Basso	06/10/2007	Meckenheim
Boffin	Conrad	29/03/1988	Bühl
Boffin	Dora	12/08/1991	Wachenheim
Boffin	Estella	10/10/1999	Mörfelden-Walldorf
Boffin	Laura	17/05/1997	Mannweiler-Cölln
Boffin	May	23/06/1999	Schifferstadt
Boffin	Peregrin	13/09/1999	Berlin Frohnau
Boffin	Razanur	10/08/1995	Neubörger
Boffin	Savanna	13/04/1995	Schirmitz
Boffin	Valdemar	18/10/2007	Gohrau
Bolger	Bladud	26/05/1999	Lichtenberg
Bolger	Doderic	20/09/2011	Grömitz

Order

Order by clicking
on header

last name	first name	birthday	city
Burrowes	Wilcome	21/11/2012	Mainz Drais
Grubb	Malva	30/06/2012	Bad Schandau
Bolger	Doderic	20/09/2011	Grömitz
Underhill	Madoc	09/06/2011	Magdeburg
Bolger-Baggins	Marigold	27/03/2011	Wesel
Took-Brandybuck	Melampus	24/02/2011	Altbach
Took	Prima	26/08/2010	Magdeburg
Maggot	Caramella	26/05/2010	Schwendi
Lightfoot	Adelard	10/05/2010	Wenningstedt
Gammidge	Melilot	06/11/2009	Köln Porz
Whitfoot	Yolanda	31/10/2009	Gindorf
Goldworthy	Laura	06/08/2009	Pilsting
Sackville	Jemima	19/07/2009	Göbweinstein
Brandagamba	May	16/06/2009	Beulich
Sackville	Jemima	11/04/2009	Bergisch Gladbach Hebborn
Bracegirdle	Columbus	24/02/2009	Vöhringen
Brockhouse	Gilly	21/02/2009	Berlin Müggelheim
Longhole	Theodoric	24/01/2009	Burgthann
Proudfoot	Goldilocks	12/12/2008	Koblenz Rübenach
Twofoot	Poppy	23/11/2008	Quendorf
Took	Jolly	21/11/2008	Großolbersdorf
Button	Peony	04/10/2008	Elbenschwand
Tük	Tobold	03/10/2008	Pollenfeld
Twofoot	Matilda	27/08/2008	Niederhausen an der Appel
Chubb-Baggins	Conrad	13/05/2008	Helmstadt-Bargen
Chubb	Ilberic	10/04/2008	Hamburg Moorburg
Burrows	Tomburän	29/03/2008	Randersacker
Tük	Amaranth	02/03/2008	Wiesthal
Zaragamba	Amanda	12/02/2008	Roßbach
Baggins	Donnamira	16/01/2008	Niedermohr
Fairbairn	Nina	07/10/2007	Breitengüßbach
Boffin	Basso	06/10/2007	Meckenheim
Chubb	Gerda	19/09/2007	Werder
Roper	Athanaric	16/09/2007	Hamburg Eidelstedt

Patient selection

last name ☐ phonetic search
first name name
pat. ID birthday 15 patient ID / date of birth
☐ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone filter

last name	first name	birthday	city
Baggins	Bell	24/08/1994	Laubach
Baggins	Bilba	15/04/2004	
Baggins	Camelia		
female; 17.9 years old; type-2 diabetes mellitus since 10/08/2006 (11.6 years); pat. ID: 918			
Baggins	Gerda	19/05/1999	Ebster
Baggins	Gormadoc	18/12/2004	Sternberg
Baggins	Hilda	18/03/1977	Augsburg
Baggins	Jemima	30/12/1980	Kinheim
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Mosco	01/01/1987	Bayreuth
Baggins	Orlando	02/08/1993	Beratzhausen
Baggins	Primula	04/02/1991	Schömerich
Baggins	Prospero	09/09/2000	Rositz
Baggins	Rose	24/09/1989	Düsseldorf Hellerhof
Baggins	Rose	25/03/1981	Ahlerstedt
Baggins	Ruby	01/09/1990	Niederbachheim
Banks	Adaldrida	14/02/1984	Bad Salzungen
Banks	Bellisima	29/07/1996	Friedewald
Banks	Bercilac	24/12/1994	Gersthofen
Banks	Bilbo	25/03/1994	Urbar
Banks	Bladud	05/08/1994	Saalfeld
Banks	Bosco	27/06/2004	Berlin Hermsdorf
Banks	Bowman	25/12/1999	Neustadt an der Weinstraße Dut
Banks	Cedivar	16/11/1980	Landshut
Banks	Gerda	11/05/1997	Calberlah
Banks	Guido	26/07/1993	Lutzerath
Banks	Gundobad	22/06/1995	Riesa

Patient's info

demographic data

follow-up

diagnostics

secondary diseases

therapy

additional

notes

918 Baggins, Camelia
born on 19/05/2000 - type-2 diabetes mellitus since 10/08/2006

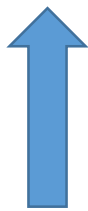
outpatient follow-up
07/08/2014



ID,
name



date
of birth



type of diabetes,
diabetes onset



current
data entry
mask



date of
examination

Save data or cancel



Mandatory fields

demographic data	recipients of medical report	insurance	history	relatives
personal details				
last name <input type="text"/> first name <input type="text"/> prof. degree <input type="text"/> prefix <input type="text"/>		street <input type="text"/> address affix <input type="text"/> country <input type="text" value="Germany"/> ZIP-code / city <input type="text"/> <input type="text"/> telephone <input type="text"/> mobile <input type="text"/> e-mail <input type="text"/>		
gender <input type="radio"/> male <input type="radio"/> female birthday <input type="text"/> <input type="text" value="15"/> external patient id <input type="text"/>				
diabetes				
type of diabetes <input type="text"/> diabetes onset <input type="text"/> <input type="text"/> <input type="text" value="15"/>		insulin since <input type="text"/> <input type="text"/> <input type="text" value="15"/> pump since <input type="text"/> <input type="text"/> <input type="text" value="15"/> OAD since <input type="text"/> <input type="text"/> <input type="text" value="15"/>		

Diabetes subtypes – type 3

personal details

last name Brandagamba

first name Habaccuc

prof. degree

gender ☒ male

birthday 22/02/2007

diabetes

type of diabetes other forms of diab

diabetes onset 06/07/2008

current status

current status continuing care

additional chronic conditions

☒ ICD ☐ ICD diagnosis

☐ Transfer of structured diagnoses

monogenic diabetes - genetic classification

Please document other genetic diagnoses in the field "additional chronic diseases".

- ☒ neonatal diabetes (NDM, onset in first 6 months of life)
- ☒ MODY (onset after first 6 months of life)
- ☒ monogenic insulin resistance/lipodystrophy syndromes

INSR
PPARG
LMNA
PLIN1
POLD1
BSCL2
AGPAT2
CAV1
PIRF
FBN1
CIDEA
ZMPSTE24
SLC22A1

☒ ☐

address

address

address affix

pump since / / 15

Diabetes subtypes – type 0

demographic data | recipients of medical report | insurance | history | relatives

personal details

last name: Brandagamba street: Waldowstr. 72 address affix:
 first name: Habaccuc ZIP-code / city: 74547 Untermünkheim
 prof. degree:
 gender: ☒ male
 birthday: 22/02/2007

diabetes

type of diabetes: abnormal carbohyd
 diagnosis on: 06/07/2008

current status

current status: continuing care

additional chronic conditions

ICD+ ICD- diagnosis
 Transfer of structured diagnoses

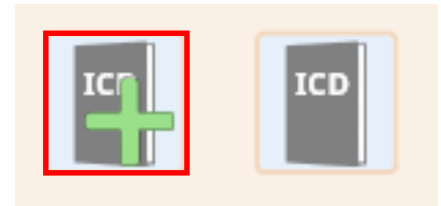
diabetes type0 - please select subtype!

☐ T1D autoimmunity (≥ 2 antibodies)
☐ glucose intolerance
☐ genetic risk of monogenic diabetes
☐ genetic risk of Type 1 diabetes (first degree relative with type 1, no or 1 antibody positive or antibody
☐ past history of glucose intolerance / diabetes
☐ Child born to a mother with gestational diabetes or type 2 diabetes present during pregnancy

☒ ☐

ICD 10 – alphabetical order

- Additional chronic conditions
- Additional acute diseases



Search for ICD10

free text search



key	diagnosis
J45.-	Asthma
J45.0	Predominantly allergic asthma
J45.1	Nonallergic asthma
J45.8	Mixed asthma
J45.9	Asthma, unspecified
J46	Status asthmaticus
T48.6	Poisoning: Antiasthmatics, not elsewhere classified
Y55.6	Antiasthmatics, not elsewhere classified
Z82.5	Family history of asthma and other chronic lower respiratory diseases



The diagram shows two book icons. The first icon, on the left, is a grey book with 'ICD' written on it, with a large green plus sign overlaid on it. The second icon, on the right, is a grey book with 'ICD' written on it, enclosed in a red rectangular border. This represents the step of adding ICD to the list of books.

Incl • Acute severe asthma

ICD 10 - diagnosis

details for diagnosis

Habaccuc Brandagamba

additional chronic conditions



Transfer of
structured
diagnoses

	diagnosis	description	state	start diagnosis	end diagnosis
	J45	Asthma		15/08/2009	



Transfer of structured diagnosis

additional chronic conditions

ICD+

ICD

Transfer of structured diagnoses

diagnosis	description	state	start diagnosis	end diagnosis
<div><div><div></div><div></div></div><div>J45</div></div>	Asthma		15/08/2009	
<div><div><div></div><div></div></div><div>celiac disease (ICD10/K90.0)</div></div>				



ICD


+


ICD



Transfer of structured diagnoses

	diagnosis	description	state	start diagnosis	end diagnosis
<div><div></div><div></div></div>	<div><div></div><div></div></div> J45	Asthma		15/08/2009	
<div><div></div><div></div></div>	<div><div></div><div></div></div> K90	celiac disease			

Fuzzy date

insulin since 

pump since 

OAD since  

Fuzzy Date

This date must not be entered day-exactly. The entry of "month + year" or only "year" is also possible.

Just leave the specific positions blank while using the input field: e.g. " /04/2016" or " / /1968".

Press the CTRL-key while clicking the desired month or year while using the calendar.

Relatives

demographic data
 follow-up
 diagnostics
 secondary diseases
 therapy
 additional
 notes

1333 Took-Brandybuck, Lily born on 27/06/2000 - abnormal carbohydrate metabolism since 25/04/2011
 Patient level data

relatives

	relation	type
<div>add DPV-patient</div>	father	relative
<div>add external relative</div>	monozygotic twinsister	internal DPV-patient
<div>edit relative</div>		
<div>edit relation</div>		
<div>delete relation</div>		

Relatives

What is the relationship between the relative and the patient

relation

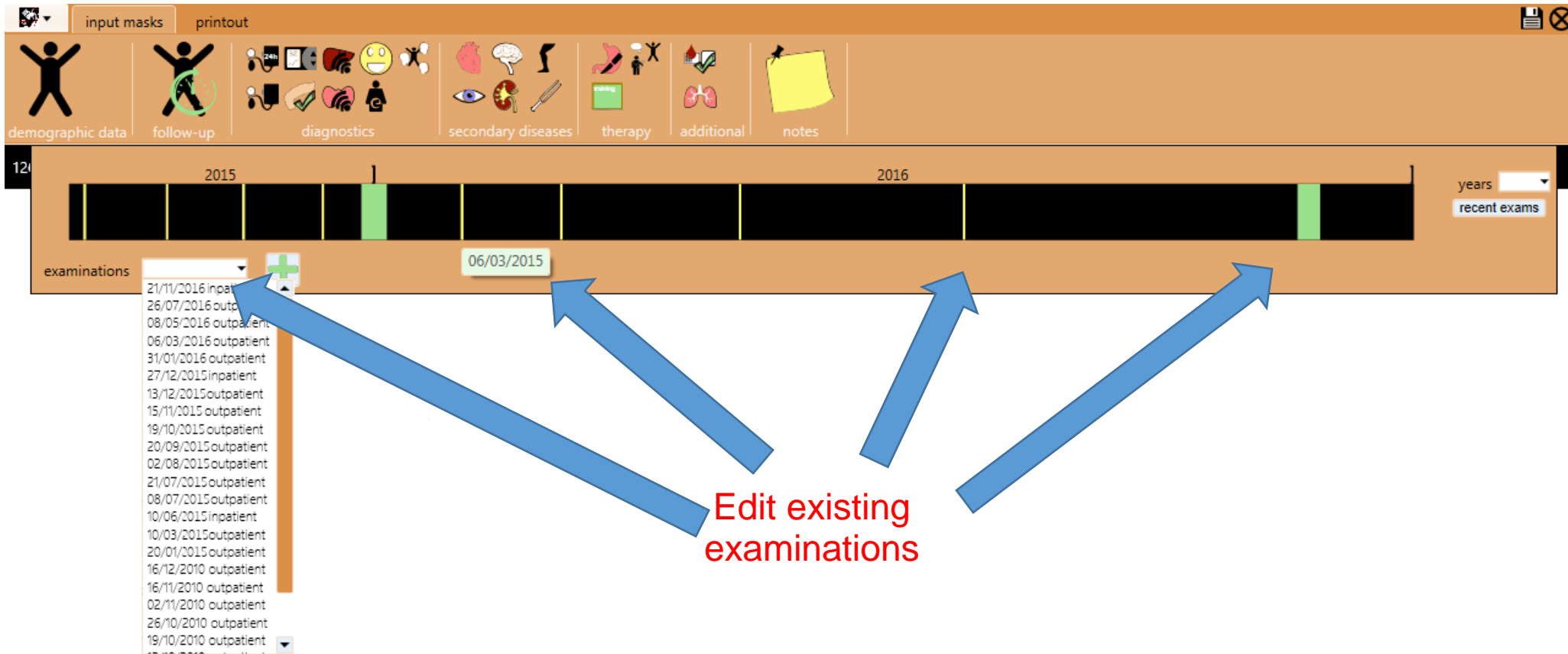
siblings

multiples

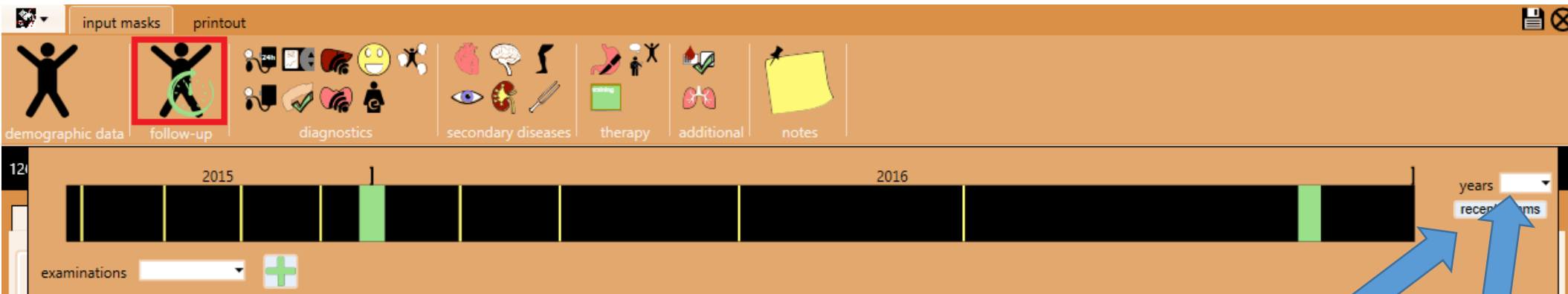
twin
triplet
quadruplet



Timeline



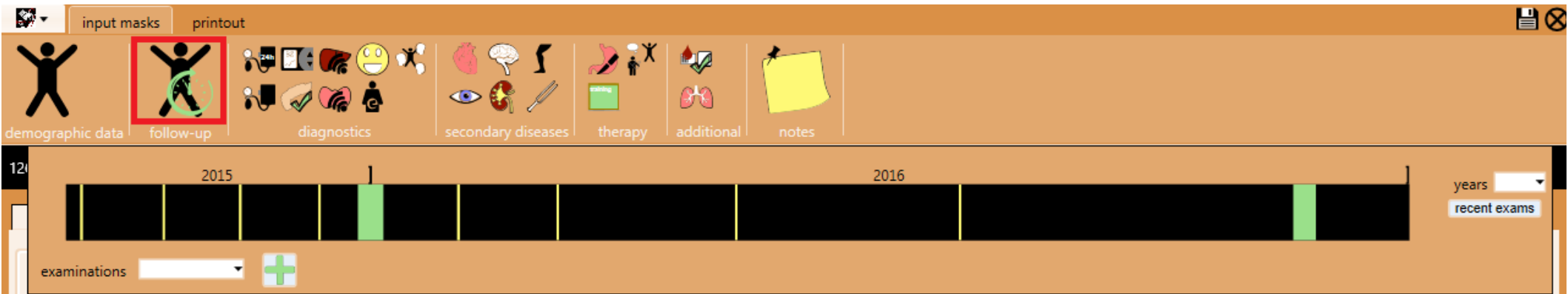
Timeline – display examinations



Display ten
most recent
examinations


Display all
examinations
of one year

Timeline – add new examination





**Add new
examination**

Add new patient visit

select date 

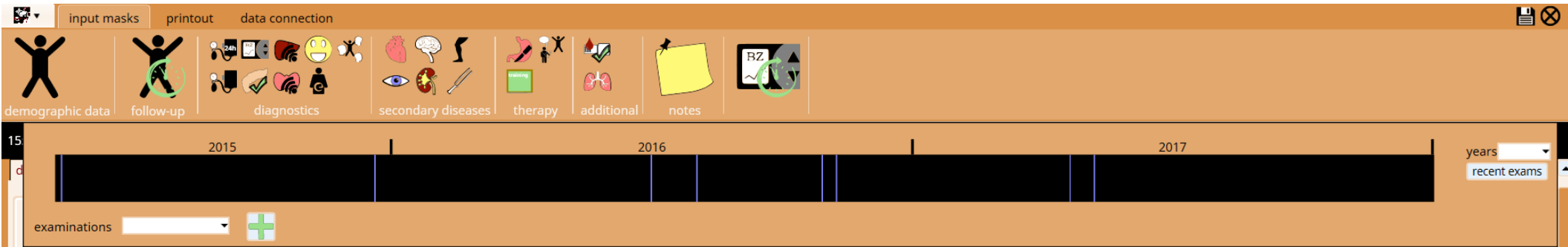
Type of appointment ☒ outpatient ☐ inpatient
☐ telephone

Timeline – types of examination



Width = duration of stay



Examination of other additional input masks

Import CGM-/FGM-data

history
exam
therapy: medication
Therapy: insulin, nutrition, training, others
laboratory values
additional examinations

exam

date
27/03/2018
reason
(not registered)

patient history

patient history

blood glucose
/week

BG documentation

cont. gluc. measurement
days
cont.

tips

copies the number of days CGM/FGM since last documentation

CGMS

import CGM-/FGM-data

days in other hospital
days
thereof due to diabetes
days
reason
(not registered)

self monitoring

ketone
/week

blood glucose
/week

BG documentation

cont. gluc. measurement
days
cont.

others

sport
h / week

cigarettes
pieces/day

alcohol
g/day

Import CGM-/FGM-data - instruction

anleitung_cgms-en-GB.pdf - SumatraPDF

File View Go To Zoom Favorites Settings Help

Page: 3 (5 / 11) Find:

3. Import of CGM-/FGM-data

You can import adequate files via the button "Import CGM-/FGM-data".

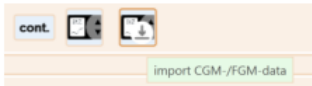


Figure 3.1. Button for the import of CGM-/FGM-data

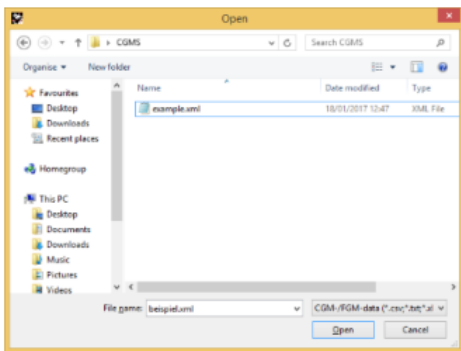


Figure 3.2. Selection of a file with CGM-/FGM-data

The input mask CGMS will be shown immediately if the data was imported successfully. The imported data will be shown in prepared form directly.

profiles

filter period of time

period 18/01/2016 23:21:00 - 22/02/2016 17:14:00

number of days with sensor 24

number of measurements 11296

mean measurements 173.60

number of scans 0

number of scans per day 0.00

Time in Range 56.37%

Figure 3.3. Imported data in the CGM input mask

3

Import CGM-/FGM-data

profiles

filter period of time

period 12/10/2016 02:31:00 - 01/12/2016 23:54:00

number of days with sensor 45

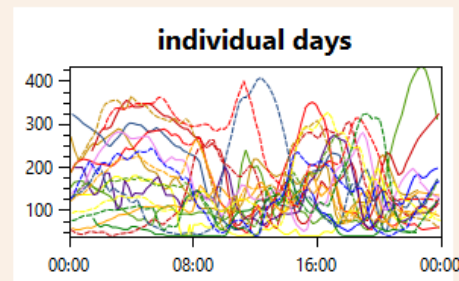
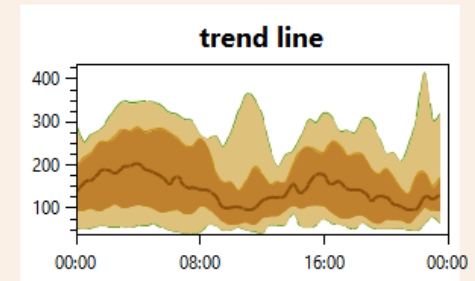
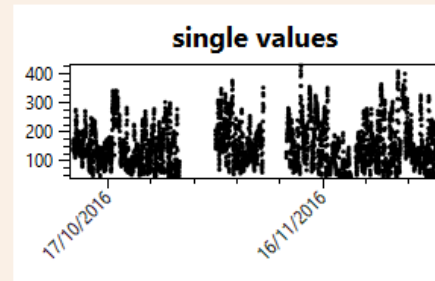
number of measurements 3809

mean measurements 153.44

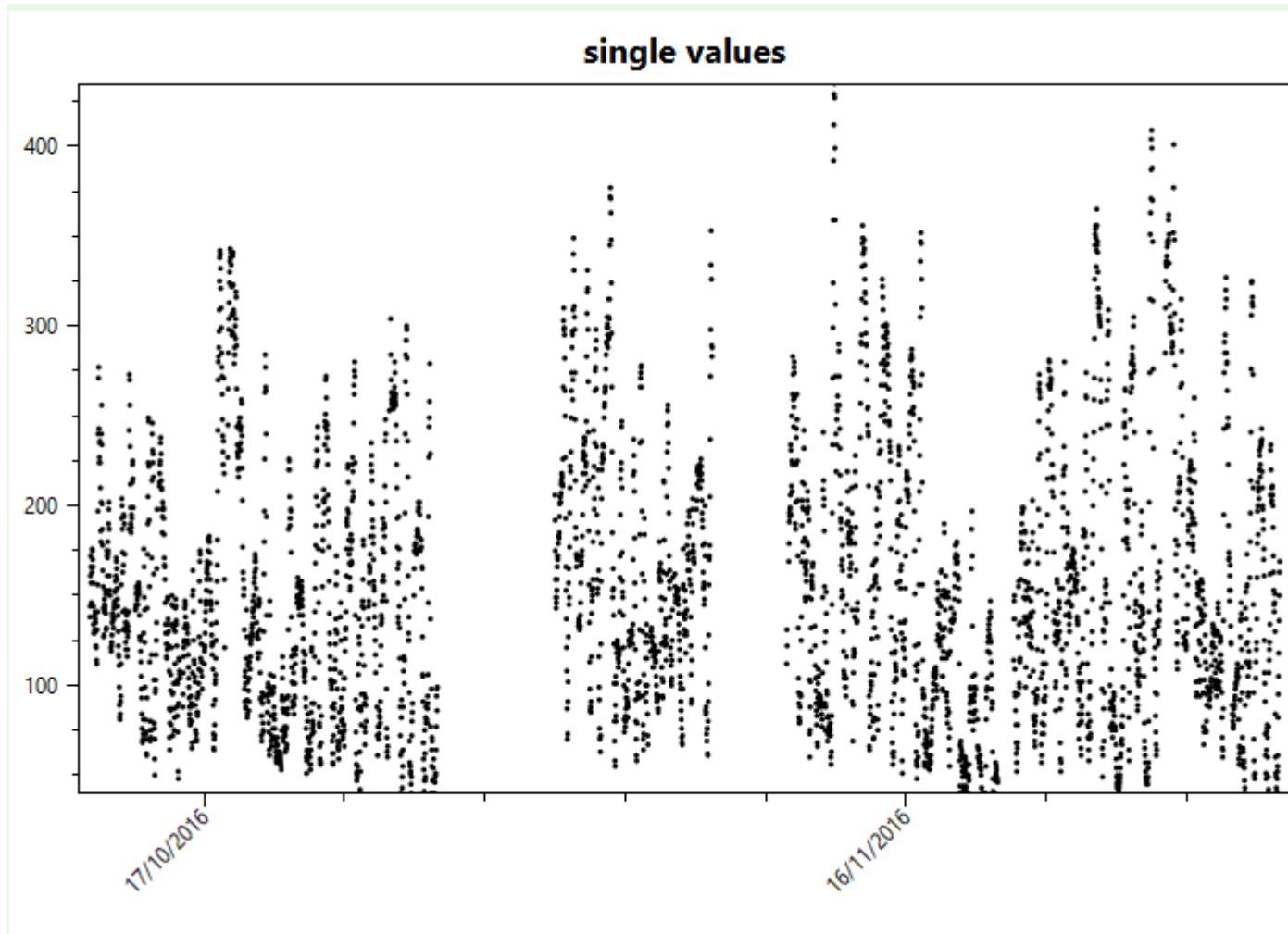
number of scans 388

number of scans per day 8.62

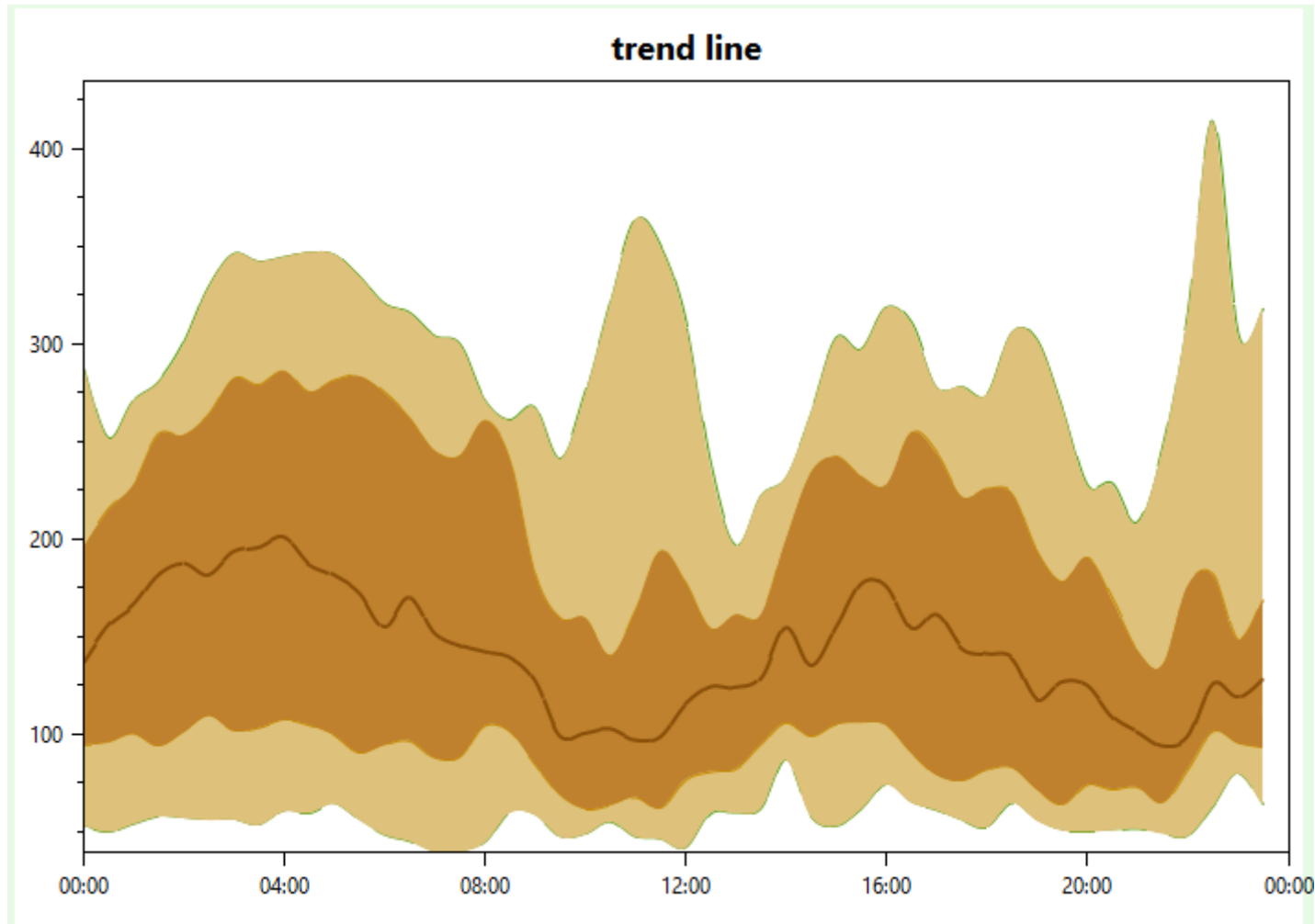
Time in Range 58.20%



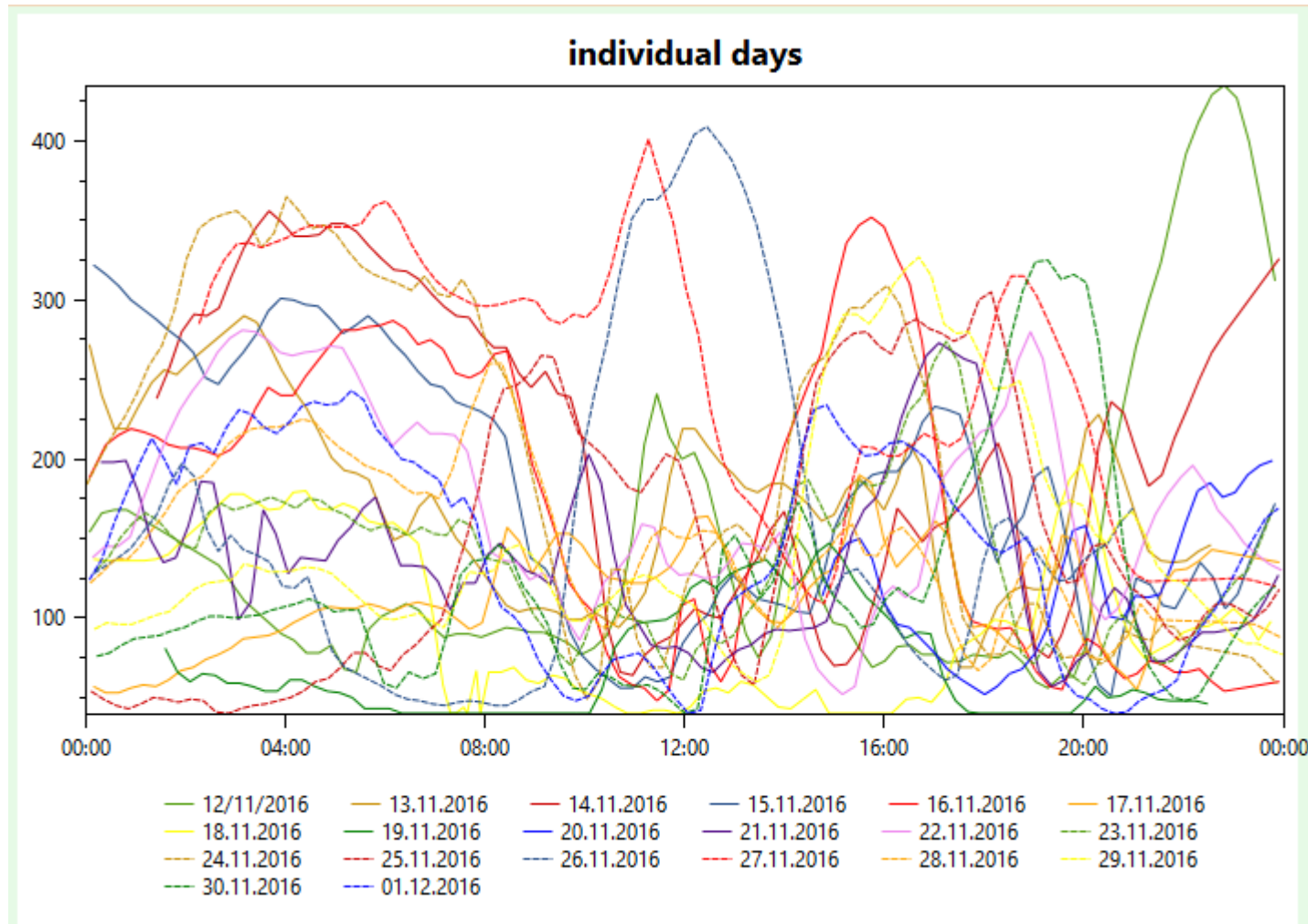
CGM-/FGM-data – single values



CGM-/FGM-data – trend line



CGM-/FGM-data – individual days



CGM-/FGM-data - devices

CGMS

device

indication

Abbott - Freestyle Libre
Abbott - Freestyle Libre 2
Abbott - Freestyle Navigator II
Animas - Gluco Watch Biographer
DEXCOM - G4 Platinum
DEXCOM - G5
DEXCOM - G6
Medtronic - Guardian REAL-Time Sof-Sensor
Medtronic - Enlite-Sensor
Menarini - Glucoday
Roche - Eversense
Roche - Eversense XL

profiles

filter period of time

period

number of days with sensor

number of measurements

mean measurements 0.00

Overview insulin therapy

history	exam	therapy: medication	Therapy: insulin, nutrition, counselling, others	laboratory values	additional examinations																														
<div> <div> overview therapy up to now <input type="checkbox"/> no previous insulin therapy </div> <table border="1"> <tr> <td>number injection timepoints</td> <td>3</td> <td>/day</td> <td></td> <td></td> <td></td> </tr> <tr> <td>total daily dose</td> <td>8</td> <td>U</td> <td></td> <td>U/kg</td> <td></td> </tr> <tr> <td>prandial insulin</td> <td>8</td> <td>U</td> <td>% prandial insulin</td> <td>100</td> <td>%</td> </tr> <tr> <td>basal insulin</td> <td></td> <td>U</td> <td>% basal insulin</td> <td></td> <td>%</td> </tr> <tr> <td>total calories</td> <td></td> <td>kcal</td> <td>total BU (15g)</td> <td></td> <td></td> </tr> </table> </div> <div> therapy scheme <div> <div>previously</div> <div>recommended</div> </div> <div> <div>standard 1-4 inj.</div> <div>fixed combination</div> <div>ICT</div> <div>pump</div> <div>flexible</div> <div>minimal documentation</div> </div> <div> </div> </div>						number injection timepoints	3	/day				total daily dose	8	U		U/kg		prandial insulin	8	U	% prandial insulin	100	%	basal insulin		U	% basal insulin		%	total calories		kcal	total BU (15g)		
number injection timepoints	3	/day																																	
total daily dose	8	U		U/kg																															
prandial insulin	8	U	% prandial insulin	100	%																														
basal insulin		U	% basal insulin		%																														
total calories		kcal	total BU (15g)																																
<div> <div> overview recommended therapy <input type="checkbox"/> no insulin therapy recommended </div> <table border="1"> <tr> <td>number injection timepoints</td> <td>3</td> <td>/day</td> <td></td> <td></td> <td></td> </tr> <tr> <td>total daily dose</td> <td>45</td> <td>U</td> <td></td> <td>U/kg</td> <td></td> </tr> <tr> <td>prandial insulin</td> <td>36</td> <td>U</td> <td>% prandial insulin</td> <td>80</td> <td>%</td> </tr> <tr> <td>basal insulin</td> <td>9</td> <td>U</td> <td>% basal insulin</td> <td>20</td> <td>%</td> </tr> <tr> <td>total calories</td> <td></td> <td>kcal</td> <td>total BU (15g)</td> <td>12.0</td> <td></td> </tr> </table> </div> <div> further therapy components <div> <div>training</div> <div></div> <div></div> </div> </div>						number injection timepoints	3	/day				total daily dose	45	U		U/kg		prandial insulin	36	U	% prandial insulin	80	%	basal insulin	9	U	% basal insulin	20	%	total calories		kcal	total BU (15g)	12.0	
number injection timepoints	3	/day																																	
total daily dose	45	U		U/kg																															
prandial insulin	36	U	% prandial insulin	80	%																														
basal insulin	9	U	% basal insulin	20	%																														
total calories		kcal	total BU (15g)	12.0																															

Documented
therapy schemes

Overview recommended therapy

Insulin therapy – standard (1-4 inj.)

standard (1-4 inj.)

fixed combination

ICT

pump

non-standard insulin regimen

minimal documentation

carbohydrates

BU (12g)

therapy: up to now

correction factor 1/

80

mmol/l

pen

Ø dev. ins.dose/d

U

morning

18.000

U

NOR - regular insulin

U

NPH

noon

9.000

U

NOR - regular insulin

U

NPH

evening

8.000

U

NOR - regular insulin

U

NPH

late evening

U

11.000

U

GLA - Lantus

insulin preparation

distribution of BU (12g)

B

2.50

S1

2.00

S2

L

2.50

S3

0.50

D

total calories

kcal

total BU (12g)

10.5

therapy: recommendation

correction factor 1/

80

mmol/l

pen

morning

18.000

U

NOR - regular insulin

U

noon

9.000

U

NOR - regular insulin

U

evening

8.000

U

LyP - Lys-Pro

U

late evening

U

Asp - Insulin Aspart

11.000

U

GLA - Lantus

insulin preparation

distribution of BU (12g)

B

2.50

S1

2.00

S2

L

S3

0.50

D

3.00

E

total calories

kcal

total BU (12g)

8

Insulin therapy – standard (1-4 inj.)

standard (1-4 inj.) fixed combination ICT pump non-standard insulin regimen minimal documentation carbohydrates BU (12g)

therapy: up to now

copy therapy last visit

Previous therapy

correction factor 1/	80	mmol/l	pen	Ø dev. ins.dose/d		U
morning	8.000	U	NOR - regular insulin		U	---
noon	9.000	U	NOR - regular insulin		U	---
evening	8.000	U	NOR - regular insulin		U	---
late evening		U	---	11.000	U	GLA - Lantus

insulin preparation

distribution of BU (12g)	B	2.50	S1	2.00	S2		L	2.50	S3	0.50	D	3.00	E	
total calories		kcal	total BU (12g) 10.5											

therapy: recommendation

copy therapy above

Recommended therapy

correction factor 1/	80	mmol/l	pen			U
morning	8.000	U	NOR - regular insulin		U	---
noon	9.000	U	NOR - regular insulin		U	---
evening	8.000	U	Asp - Insulin Aspart		U	---
late evening		U	---	11.000	U	GLA - Lantus

insulin preparation

distribution of BU (12g)	B	2.50	S1	2.00	S2		L		S3	0.50	D	3.00	E	
total calories		kcal	total BU (12g) 8											

Insulin therapy - fixed combination

standard (1-4 inj.)

fixed combination

ICT

pump

non-standard insulin regimen

minimal documentation

carbohydrates

BU (12g)

therapy: up to now

correction factor 1/

mmol/l

Ø dev. ins.dose/d

U

morning

26.000

U

Huminsulin Profil II Lilly

noon

0.500

U

Huminsulin Normal

evening

2.000

U

Huminsulin Basal

late evening

1.500

U

Huminsulin Basal

distribution of BU (12g)

B

2.50

S1

2.00

S2

1.50

D

3.00

E

1.00

total calories

kcal

15

therapy: recommendation

correction factor 1/

mmol/l

Ø dev. ins.dose/d

U

morning

26.000

U

Huminsulin Profil III

noon

0.500

U

Humalog Mix50 (Lispro)

evening

2.000

U

Humalog Mix25 (Lispro)

late evening

1.500

U

Actraphane 30

distribution of BU (12g)

B

2.50

S1

2.00

S2

2.00

L

3.00

S3

1.50

D

3.00

E

1.00

total calories

kcal

total BU (12g)

15

copy therapy last visit

Copy therapy last visit

copy therapy above

Copy therapy above

Insulin therapy - ICT

standard (1-4 inj.) fixed combination **ICT** pump non-standard insulin regimen minimal documentation carbohydrates BU (12g)

therapy: up to now

copy therapy last visit

	meal insulin / BU (12g)			Ø BU (12g)	correction factor		long acting insulin	
B	2.500 U	Asp - Insulin Aspart	3.00	1 / 50.0	mmol/l		U	---
S1		---	3.50	1 /	mmol/l		U	---
S2		---		1 /	mmol/l		U	---
L	2.500 U	Asp - Insulin Aspart	6.00	1 / 50.0	mmol/l		U	---
S3		---	1.50	1 /	mmol/l		U	---
D	2.000 U	Asp - Insulin Aspart	5.50	1 / 50.0	mmol/l		U	---
E		---		1 / 50.0	mmol/l	28.000	U	---

Ø dev. ins.dose/d

☐ bolus calculator

total calories

total BU (12g) 19.50

NPH
GLA - Lantus
GLB - Abasaglar
GL3 - Glargin U300
DET - Detemir
DEG - Degludec
SEM - Semilente
MON - Monotard
ULT - Ultratard
LEN - Lente
ULL - Ultralente
LON - Huminsulin long
ULN - Huminsulin ultralong
NOR - (basalrate pump)
LPN - Humalog Basal
NOR - (used as basal)
LyP - (used as basal)
Asp - (used as basal)
Glu - (used as basal)

insulin(s)

therapy: recommendation

copy therapy above

	meal insulin / BU (12g)			Ø BU (12g)	correction factor		long acting insulin	
B	2.500 U	Asp - Insulin Aspart	3.00	1 / 50.0	mmol/l		U	---
S1		---	3.50	1 /	mmol/l		U	---
S2		NOR - regular insulin LyP - Lys-Pro Ly2 - Liprolog U200 Asp - Insulin Aspart Glu - Glulisin Inh - inhalable insulin		1 /	mmol/l		U	---
L	2.500 U		6.00	1 / 50.0	mmol/l		U	---
S3			1.50	1 /	mmol/l		U	---
D	2.000 U	Asp - Insulin Aspart	5.50	1 / 50.0	mmol/l		U	---
E	2.000 U	Asp - Insulin Aspart	0.50	1 / 50.0	mmol/l	28.000	U	GLA - Lantus

total calories

total BU (12g) 20.00

insulin(s)

Insulin therapy - pump

standard (1-4 inj.) fixed combination ICT pump non-standard insulin regimen minimal documentation

pump

☐ bolus calculator ☐ SaP ☐ LGS ☐ PLGS ☐ Hybrid Closed Loop ☐ Open APS



therapeutic goals

1) hypoglycaemia

2) needle phobia

therapy: up to now

copy therapy last visit

	meal insulin / CU (10g)	avg CU (10g)	gCHO / 1IU		correction factor	
B	2.600 U/CU (10g)	5.00	3.85	gCHO/1IU	1 / 60.0	mg/dl
S1	1.300 U/CU (10g)	2.00	7.69	gCHO/1IU	1 / 60.0	mg/dl
S2	U/CU (10g)			gCHO/1IU	1 /	mg/dl
L	1.100 U/CU (10g)	4.00	9.09	gCHO/1IU	1 / 60.0	mg/dl
S3	1.300 U/CU (10g)	1.00	7.69	gCHO/1IU	1 / 60.0	mg/dl
D	1.600 U/CU (10g)	3.00	6.25	gCHO/1IU	1 / 60.0	mg/dl
E	U/CU (10g)			gCHO/1IU	1 /	mg/dl

basal rate 23.700 U

boli/day

avg dev. ins.dose/d U

total calories kcal

total CU (10g) 15.0

insulin / CSII

NI:Asp=Novorapid/Accu chek Spirit

Asp - Insulin Aspart

therapy: recommendation

copy therapy above

	meal insulin / CU (10g)	avg CU (10g)	gCHO / 1IU		correction factor	
B	2.600 U/CU (10g)	5.00	3.85	gCHO/1IU	1 / 60.0	mg/dl
S1	1.300 U/CU (10g)	2.00	7.69	gCHO/1IU	1 / 60.0	mg/dl
S2	U/CU (10g)			gCHO/1IU	1 /	mg/dl
L	1.100 U/CU (10g)	4.00	9.09	gCHO/1IU	1 / 60.0	mg/dl
S3	1.300 U/CU (10g)	1.00	7.69	gCHO/1IU	1 / 60.0	mg/dl
D	1.600 U/CU (10g)	3.00	6.25	gCHO/1IU	1 / 60.0	mg/dl
E	1.600 U/CU (10g)	1.00	6.25	gCHO/1IU	1 /	mg/dl

basal rate 23.700 U

total calories kcal

total CU (10g) 16.0

insulin / CSII

NI:Asp=Novorapid/Accu chek Spirit

Asp - Insulin Aspart

Insulin therapy - pump

standard (1-4 inj.) fixed combination ICT pump non-standard insulin regimen minimal documentation

pump

☐ bolus calculator ☐ SaP ☐ LGS ☐ PLGS ☐ Hybrid Closed Loop ☐ Open APS



therapeutic goals

1) hypoglycaemia

2) needle phobia

therapy: up to now

copy therapy last visit

	meal insulin / CU (10a)	avg CU (10g)	gCHO / 1IU	correction factor
B	2.600 U/CU (10g)	5.00	3.85 gCHO/1IU	1 / 60.0 mg/dl
S1	1.300 U/CU (10g)	2.00	7.69 gCHO/1IU	1 / 60.0 mg/dl
S2	U/CU (10g)		gCHO/1IU	1 / mg/dl
L	1.100 U/CU (10g)	4.00	9.09 gCHO/1IU	1 / 60.0 mg/dl
S3	1.300 U/CU (10g)	1.00	7.69 gCHO/1IU	1 / 60.0 mg/dl
D	1.600 U/CU (10g)	3.00	6.25 gCHO/1IU	1 / 60.0 mg/dl
E	U/CU (10g)		gCHO/1IU	1 / mg/dl

basal rate 23.700 U

bolus/day

avg dev. ins.dose/d U

total calories kcal

total CU (10g) 15.0

insulin / CSII

NI:Asp=Novorapid/Accu chek Spirit

Asp - Insulin Aspart

therapy: recommendation

copy therapy above

	meal insulin / CU (10a)	avg CU (10g)	gCHO / 1IU	correction factor
B	2.600 U/CU (10g)	5.00	3.85 gCHO/1IU	1 / 60.0 mg/dl
S1	1.300 U/CU (10g)	2.00	7.69 gCHO/1IU	1 / 60.0 mg/dl
S2	U/CU (10g)		gCHO/1IU	1 / mg/dl
L	1.100 U/CU (10g)	4.00	9.09 gCHO/1IU	1 / 60.0 mg/dl
S3	1.300 U/CU (10g)	1.00	7.69 gCHO/1IU	1 / 60.0 mg/dl
D	1.600 U/CU (10g)	3.00	6.25 gCHO/1IU	1 / 60.0 mg/dl
E	1.600 U/CU (10g)	1.00	6.25 gCHO/1IU	1 / mg/dl

basal rate 23.700 U

total calories kcal

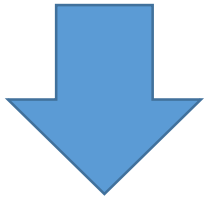
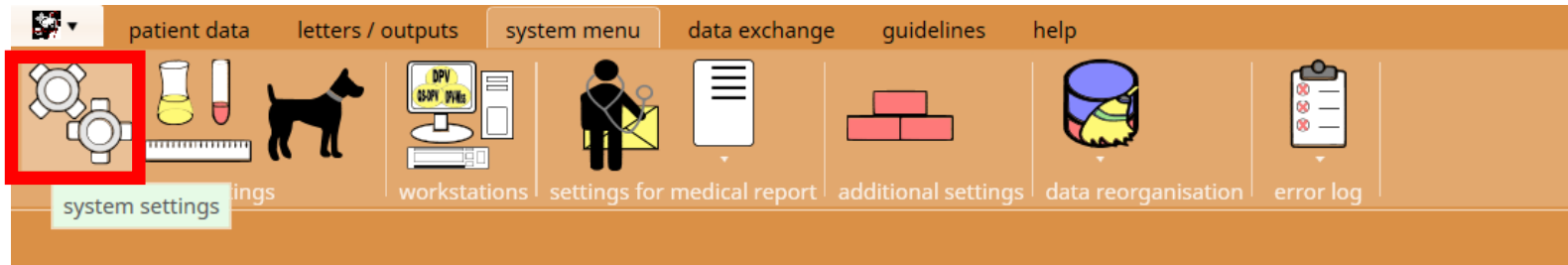
total CU (10g) 16.0

insulin / CSII

NI:Asp=Novorapid/Accu chek Spirit

Asp - Insulin Aspart

Insulin therapy - pump



data of the institution | letters / outputs | reference values | **input masks** | path specifications | performance

customising input masks

insulin pump: direction of calculation ☐ calculation of meal insulin ☒ calculation of gCHO/1IU

default for new appointments ☒ outpatient ☐ inpatient

input profiles (input fields fore-/background)

participation in quality assurance initiatives ☐ SWEET


☐ set all fields to the background which are not part of any selected profile

set all fields to foreground (Caution: individual settings (input mask right-click menu) will be overwritten)

Insulin therapy – pump – basal rate

standard (1-4 inj.) fixed combination ICT pump non-standard insulin regimen minimal documentation carbohydrates BU (12g)

pump

☐ bolus calculator ☐ SaP ☐ LGS ☐ PLGS ☐ Open APS 

therapeutic goals

1)

therapy: up to now

	meal insulin / BU (12g)
B	1.500 U/BU (1
S1	1.500 U/BU (1
S2	U/BU (1
L	1.300 U/BU (1
S3	1.300 U/BU (1
D	1.200 U/BU (1
E	U/BU (1


insulin / CSII

therapy: recommendation

	meal insulin / BU (12g)
B	1.500 U/BU (1
S1	1.200 U/BU (1
S2	U/BU (1
L	1.200 U/BU (1
S3	1.100 U/BU (1
D	1.100 U/BU (1
E	U/BU (1

insulin / CSII

copy therapy last visit

basal rate U 

boli/day


avg dev. ins.dose/d U

total calories kcal

total BU (12g)

Asp - Insulin Aspart

copy therapy above

basal rate U 

total calories kcal

total BU (12g)

Asp - Insulin Aspart

Import data from insulin pump

Accu-Chek Spirit oder D-Tron **from SmartPix (pump)**

from SmartPix (software)

from Roche 360°

Paradigm **from Medtronic**

Animas **from eZManager**

Deltec **from CoZManager**

Ypsomed **from Omnipod**

from file

Dilution 1:

Insulin therapy – pump – basal rate

standard (1-4 inj.)
fixed combination
ICT
pump
non-standard insulin regimen
minimal documentation

carbohydrates BU (12g)

pump

☐ bolus calculator
☐ SaP
☐ LGS
☐ PLGS
☐ Open APS

therapeutic goals

1) 2)

therapy: up to now copy therapy last visit

	meal insulin / BU (12g)	avg BU (12g)	gCHO / 11U		correction factor		
B	1.500 U/BU (12g)	5.50	8.00	gCHO/11U	1 / 50.0	mg/dl	basal rate 23.700 U
S1	1.500 U/BU (12g)	2.00	8.00	gCHO/11U	1 /	mg/dl	boli/day
S2	U/BU (12g)			gCHO/11U	1 /	mg/dl	avg dev. ins.dose/d U
L	1.300 U/BU (12g)	6.50	9.23	gCHO/11U	1 / 50.0	mg/dl	
S3	1.300 U/BU (12g)	0.50	9.23	gCHO/11U	1 /	mg/dl	
D	1.200 U/BU (12g)	6.00	10.00	gCHO/11U	1 / 50.0	mg/dl	total calories kcal
E	U/BU (12g)	1.50		gCHO/11U	1 / 50.0	mg/dl	total BU (12g) 22.0

insulin / CSII Asp - Insulin Aspart

therapy: recommendation copy therapy above

	meal insulin / BU (12g)	avg BU (12g)	gCHO / 11U		correction factor		
B	1.500 U/BU (12g)	5.50	8.00	gCHO/11U	1 / 50.0	mg/dl	basal rate 23.700 U
S1	1.200 U/BU (12g)	2.00	10.00	gCHO/11U	1 /	mg/dl	
S2	U/BU (12g)			gCHO/11U	1 /	mg/dl	
L	1.200 U/BU (12g)	6.50	10.00	gCHO/11U	1 / 50.0	mg/dl	
S3	1.100 U/BU (12g)	0.50	10.91	gCHO/11U	1 /	mg/dl	
D	1.100 U/BU (12g)	6.00	10.91	gCHO/11U	1 / 50.0	mg/dl	total calories kcal
E	U/BU (12g)	1.50		gCHO/11U	1 / 50.0	mg/dl	total BU (12g) 22.0

insulin / CSII Asp - Insulin Aspart

Insulin therapy – basal rate

☐ input masks
 ☐ printout
 ☐ data connection

demographic data
 follow-up
 diagnostics
 secondary diseases
 therapy
 additional
 notes
 RZ

969 Baggins, Mat born on 27/08/1998 - type-1 diabetes mellitus since 04/05/2007 basal rate 05/04/2018

basal rate

☒ hourly
☐ half-hourly

distribution of basal rate throughout the day: recommendation

12:00 am	<input type="text" value="0.000"/> U/h	6:00 am	<input type="text" value="0.000"/> U/h	12:00 pm	<input type="text" value="0.000"/> U/h	6:00 pm	<input type="text" value="0.000"/> U/h
1:00 am	<input type="text" value="0.000"/> U/h	7:00 am	<input type="text" value="0.000"/> U/h	1:00 pm	<input type="text" value="0.000"/> U/h	7:00 pm	<input type="text" value="0.000"/> U/h
2:00 am	<input type="text" value="0.000"/> U/h	8:00 am	<input type="text" value="0.000"/> U/h	2:00 pm	<input type="text" value="0.000"/> U/h	8:00 pm	<input type="text" value="0.000"/> U/h
3:00 am	<input type="text" value="0.000"/> U/h	9:00 am	<input type="text" value="0.000"/> U/h	3:00 pm	<input type="text" value="0.000"/> U/h	9:00 pm	<input type="text" value="0.000"/> U/h
4:00 am	<input type="text" value="0.000"/> U/h	10:00 am	<input type="text" value="0.000"/> U/h	4:00 pm	<input type="text" value="0.000"/> U/h	10:00 pm	<input type="text" value="0.000"/> U/h
5:00 am	<input type="text" value="0.000"/> U/h	11:00 am	<input type="text" value="0.000"/> U/h	5:00 pm	<input type="text" value="0.000"/> U/h	11:00 pm	<input type="text" value="0.000"/> U/h

total basal rate U

copy therapy up to now

Insulin therapy – basal rate

☐ input masks
 ☐ printout
 ☐ data connection

demographic data
 follow-up
 diagnostics
 secondary diseases
 therapy
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969 Baggins, Mat born on 27/08/1998 - type-1 diabetes mellitus since 04/05/2007 basal rate 05/04/2018

basal rate

☐ hourly
 ☒ half-hourly

distribution of basal rate throughout the day: recommendation

12:00 am	<input type="text" value="0.000"/>	U/½h	6:00 am	<input type="text" value="0.000"/>	U/½h	12:00 pm	<input type="text" value="0.000"/>	U/½h	6:00 pm	<input type="text" value="0.000"/>	U/½h
12:30 am	<input type="text" value="0.000"/>	U/½h	6:30 am	<input type="text" value="0.000"/>	U/½h	12:30 pm	<input type="text" value="0.000"/>	U/½h	6:30 pm	<input type="text" value="0.000"/>	U/½h
1:00 am	<input type="text" value="0.000"/>	U/½h	7:00 am	<input type="text" value="0.000"/>	U/½h	1:00 pm	<input type="text" value="0.000"/>	U/½h	7:00 pm	<input type="text" value="0.000"/>	U/½h
1:30 am	<input type="text" value="0.000"/>	U/½h	7:30 am	<input type="text" value="0.000"/>	U/½h	1:30 pm	<input type="text" value="0.000"/>	U/½h	7:30 pm	<input type="text" value="0.000"/>	U/½h
2:00 am	<input type="text" value="0.000"/>	U/½h	8:00 am	<input type="text" value="0.000"/>	U/½h	2:00 pm	<input type="text" value="0.000"/>	U/½h	8:00 pm	<input type="text" value="0.000"/>	U/½h
2:30 am	<input type="text" value="0.000"/>	U/½h	8:30 am	<input type="text" value="0.000"/>	U/½h	2:30 pm	<input type="text" value="0.000"/>	U/½h	8:30 pm	<input type="text" value="0.000"/>	U/½h
3:00 am	<input type="text" value="0.000"/>	U/½h	9:00 am	<input type="text" value="0.000"/>	U/½h	3:00 pm	<input type="text" value="0.000"/>	U/½h	9:00 pm	<input type="text" value="0.000"/>	U/½h
3:30 am	<input type="text" value="0.000"/>	U/½h	9:30 am	<input type="text" value="0.000"/>	U/½h	3:30 pm	<input type="text" value="0.000"/>	U/½h	9:30 pm	<input type="text" value="0.000"/>	U/½h
4:00 am	<input type="text" value="0.000"/>	U/½h	10:00 am	<input type="text" value="0.000"/>	U/½h	4:00 pm	<input type="text" value="0.000"/>	U/½h	10:00 pm	<input type="text" value="0.000"/>	U/½h
4:30 am	<input type="text" value="0.000"/>	U/½h	10:30 am	<input type="text" value="0.000"/>	U/½h	4:30 pm	<input type="text" value="0.000"/>	U/½h	10:30 pm	<input type="text" value="0.000"/>	U/½h
5:00 am	<input type="text" value="0.000"/>	U/½h	11:00 am	<input type="text" value="0.000"/>	U/½h	5:00 pm	<input type="text" value="0.000"/>	U/½h	11:00 pm	<input type="text" value="0.000"/>	U/½h
5:30 am	<input type="text" value="0.000"/>	U/½h	11:30 am	<input type="text" value="0.000"/>	U/½h	5:30 pm	<input type="text" value="0.000"/>	U/½h	11:30 pm	<input type="text" value="0.000"/>	U/½h

total basal rate U

copy therapy up to now

Insulin therapy – basal rate



input masks printout data connection

printout basal rate

969 Baggins, Mat born on 27/08/1998 - type-1 diabetes mellitus since 04/05/2007 basal rate 05/04/2018

basal rate

☐ hourly
☒ half-hourly

distribution of basal rate throughout the day: recommendation

12:00 am	1.000	U/½h	6:00 am	2.000	U/½h	12:00 pm	3.000	U/½h	6:00 pm	0.000	U/½h
12:30 am	0.000	U/½h	6:30 am	0.000	U/½h	12:30 pm	0.000	U/½h	6:30 pm	0.000	U/½h
1:00 am	0.000	U/½h	7:00 am	0.000	U/½h	1:00 pm	0.000	U/½h	7:00 pm	0.000	U/½h
1:30 am	0.000	U/½h	7:30 am	0.000	U/½h	1:30 pm	0.000	U/½h	7:30 pm	0.000	U/½h
2:00 am	0.000	U/½h	8:00 am	0.000	U/½h	2:00 pm	0.000	U/½h	8:00 pm	0.000	U/½h
2:30 am	0.000	U/½h	8:30 am	0.000	U/½h	2:30 pm	0.000	U/½h	8:30 pm	0.000	U/½h
3:00 am	0.000	U/½h	9:00 am	0.000	U/½h	3:00 pm	0.000	U/½h	9:00 pm	0.000	U/½h
3:30 am	0.000	U/½h	9:30 am	0.000	U/½h	3:30 pm	0.000	U/½h	9:30 pm	0.000	U/½h
4:00 am	0.000	U/½h	10:00 am	0.000	U/½h	4:00 pm	0.000	U/½h	10:00 pm	0.000	U/½h
4:30 am	0.000	U/½h	10:30 am	0.000	U/½h	4:30 pm	0.000	U/½h	10:30 pm	0.000	U/½h
5:00 am	0.000	U/½h	11:00 am	0.000	U/½h	5:00 pm	0.000	U/½h	11:00 pm	0.000	U/½h
5:30 am	0.000	U/½h	11:30 am	0.000	U/½h	5:30 pm	0.000	U/½h	11:30 pm	0.000	U/½h

total basal rate 6.000 U

copy therapy up to now

Insulin therapy – basal rate

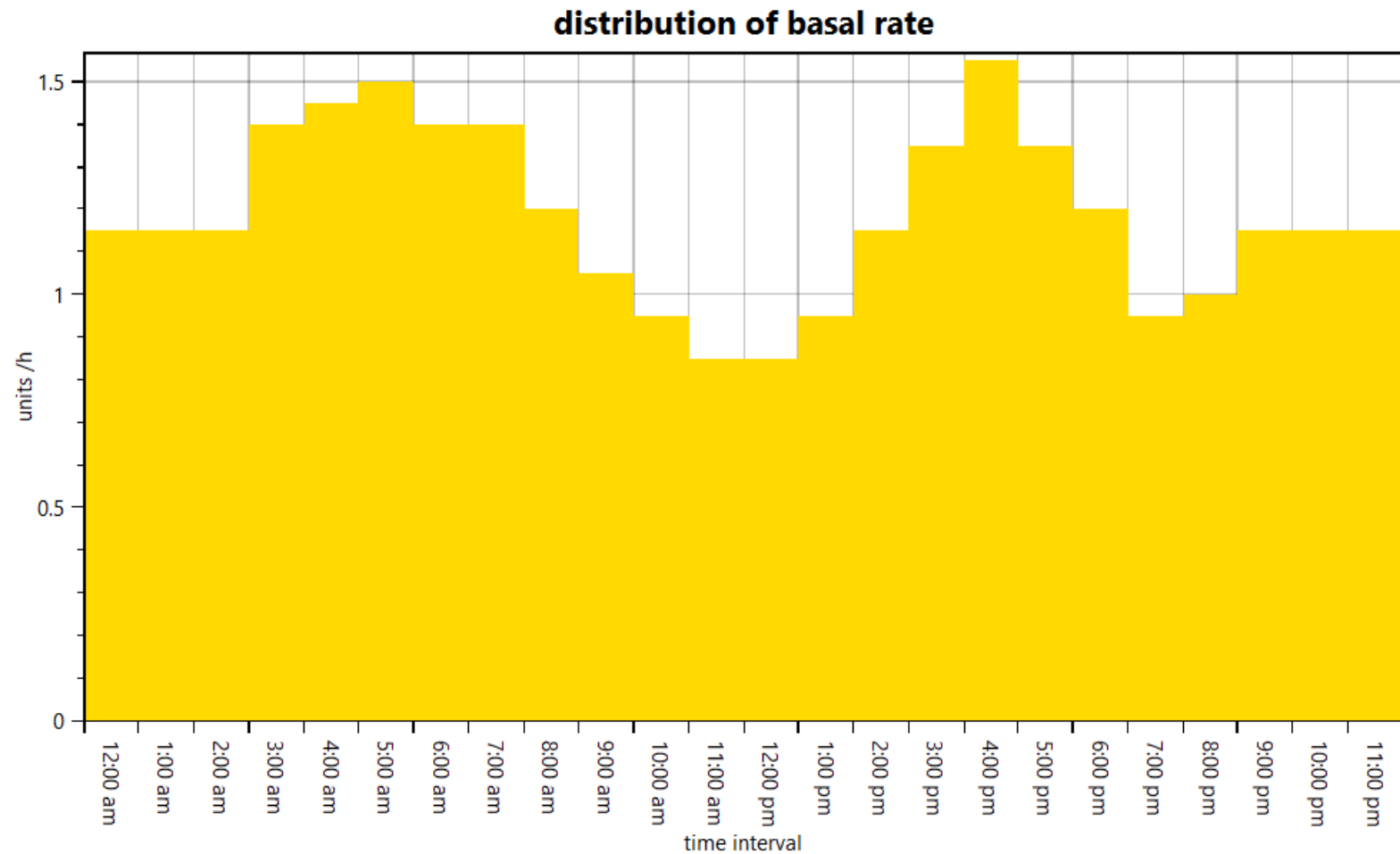


distribution of basal rate



1142 Brockhouse, Amanda born on 10/12/1996 - type-1 diabetes mellitus since 30/11/2008

recommended basal rate on 27/08/2013 - total basal rate /day: 28.45 U



Insulin therapy - non-standard insulin regimen

standard (1-4 inj.)
fixed combination
ICT
pump
non-standard insulin regimen
minimal documentation

carbohydrates
BU (12g)

therapy: up to now
[copy therapy last visit](#)

time	U / BU (12g)		avg BU (12g)	meal insulin		1 /	mg/dl	---	long acting insulin	U	---
01:02	3	4	12	1 / 5	LyP - Lys-Pro	6	GLB - Abasaglar				
03:04	5	6	30	1 / 7	Asp - Insulin Aspart	8	GL3 - Glargin U300				

total calories
5
kcal
total BU (12g)
10

insulin preparations
Berlinsulin H Basal / Insulin B.Braun Comb 30/70

avg dev. ins.dose/d
8.000
U

therapy: recommendation
[copy therapy above](#)

time	U / BU (12g)		avg BU (12g)	meal insulin		1 /	mg/dl	---	long acting insulin	U	---
05:06	7	8	56	1 / 9	NOR - regular insulin	3	SEM - Semilente				
07:08			11	1 / 10	FAs - Fiasp	12	ULL - Ultralente				

total calories
3
kcal
total BU (12g)
8

insulin preparations
Liprolog (Lispro) / Liprolog U200 / Humalog (Lispro)

Using the follow-up button, you can get back to the entry mask for the follow-up data.

Insulin therapy – minimal documentation

standard (1-4 inj.)
fixed combination
ICT
pump
non-standard insulin regimen
minimal documentation

carbohydrates BU (12g)

therapy: up to now

copy therapy last visit

number injection timepoints
P /day
☒ pump
☐ bolus calculator
☐ SaP
☐ LGS
☐ PLGS
☒ Hybrid Closed Loop
☐ Open APS

daily prandial insulin
 U

basal rate
 U

total daily dose
5 U

avg dev. ins.dose/d
 U

total calories
 kcal
total BU (12g)

insulin / CSII

therapy: recommendation

copy therapy above

number injection timepoints
 /day
☐ pump

daily prandial insulin
 U

daily basal insulin
 U

total daily dose
15 U

total calories
 kcal
total BU (12g)

insulin preparations

Insulin therapy – insulin preparation

standard (1-4 inj.)
fixed combination
ICT
pump
non-standard insulin regimen
minimal documentation

carbohydrates
BU (12g)

therapy: up to now

number injection timepoints
prandial insulin
basal rate
total daily dose
avg dev. ins.dose/c
total calories
insulin / CSII

therapy: recommendation

number injection timepoints
prandial insulin
basal insulin
total daily dose
total calories
insulin preparations

select insulin preparation

rapid-acting analogon

☐ Liprolog (Lispro) Berlin-Chemie AG
☐ Liprolog U200 Berlin-Chemie AG
☐ Humalog (Lispro) Lilly
☐ Humalog U200 Lilly
☐ Fiasp (Aspart) Novo Nordisk
☐ NovoRapid (Aspart) Novo Nordisk
☐ Apidra (Glulisin) Sanofi-Aventis
☐ lispro Sanofi Sanofi-Aventis

regular insulin

☐ Insulin B.Braun Rapid B.Braun

☐
☐

copy therapy last visit

PLGS
Open APS

23.0

copy therapy above

23.0

Insulin therapy


NOR - regular insulin
LyP - Lys-Pro
Ly2 - Liprolog U200
Asp - Insulin Aspart
FAs - Fiasp
Glu - Glulisin
Inh - inhalable insulin

Are there any insulins missing?

NPH
GLA - Lantus
GLB - Abasaglar
GL3 - Glargin U300
DET - Detemir
DEG - Degludec
SEM - Semilente
MON - Monotard
ULT - Ultratard
LEN - Lente
ULL - Ultralente
LON - Huminsulin long
ULN - Huminsulin ultralong
NOR - (basalrate pump)
LPN - Humalog Basal
NOR - (used as basal)
LyP - (used as basal)
Asp - (used as basal)
Glu - (used as basal)

Laboratory values

metabolic control


fasting BG	<input type="text"/>	mg/dl	post BG	<input type="text"/>	mg/dl		urine glucose	<input type="text"/>	%
pH value	<input type="text"/>		bicarbonate	<input type="text"/>	mmol/l		urine acetone	<input type="text"/>	
sodium	<input type="text"/>	mg/dl	potassium	<input type="text"/>	mmol/l		βOH-butyrate	<input type="text"/>	mmol/l
HbA1c	<input type="text"/>	% (Δ mmol/mol Hb)	ADAG	<input type="text"/>	mg/dl		HbA1c-%-MOM	<input type="text"/>	%
fructosamine	<input type="text"/>	μmol/l	C-peptide	<input type="text"/>	ng/ml				

routine lab values additional lab values immunology

lipid values

cholesterol	<input type="text"/>	mmol/l	HDL	<input type="text"/>	mmol/l	LDL	<input type="text"/>	mmol/l
triglycerides	<input type="text"/>	mmol/l	lipids fasting	<input type="radio"/> yes <input type="radio"/> no				

thyroid function parameters

T4	<input type="text"/>	μg/100ml	T3	<input type="text"/>	ng/100ml	TSH	<input type="text"/>	μU/ml
ft4	<input type="text"/>	μU/ml	ft3	<input type="text"/>	ng/dl			




kidney function parameters

creatinine	<input type="text"/>	mg/dl	eGFR ml/min/1.73m ²		GFR measured	<input type="text"/>	ml/min/1.73m ²	urine albumin	<input type="text"/>	mg/gCrea	
cystatin C	<input type="text"/>	mg/l									

liver function parameters

GOT/ASAT	<input type="text"/>	mmol/l	GPT/ALAT	<input type="text"/>	U/l	γ-GT	<input type="text"/>	U/l
----------	----------------------	--------	----------	----------------------	-----	------	----------------------	-----

Laboratory values

history	exam	therapy: medication	Therapy: insulin, nutrition, training, others	laboratory values	additional examinations
metabolic control					
fasting BG	<input type="text"/>	mg/dl	pp. BG	<input type="text"/>	mg/dl 
pH value	<input type="text"/>		bicarbonate	<input type="text"/>	mmol/l
sodium	<input type="text"/>	mg/dl	potassium	<input type="text"/>	mmol/l
HbA1c	<input type="text"/>	% (Δ mmol/mol Hb)	ADAG	<input type="text"/>	mg/dl
fructosamine	<input type="text"/>	μmol/l	C-peptide	<input type="text"/>	ng/ml
urine glucose	<input type="text"/>	%	urine acetone	<input type="text"/>	
			βOH-butyrate	<input type="text"/>	mmol/l
			HbA1c-%-MOM	<input type="text"/>	%
routine lab values additional lab values immunology					
lipid values					
cholesterol	<input type="text"/>	mmol/l	HDL	<input type="text"/>	mmol/l
triglycerides	<input type="text"/>	mmol/l	lipids fasting	<input type="radio"/> yes <input type="radio"/> no	
LDL	<input type="text"/>	mmol/l			
thyroid function parameters					
T4	<input type="text"/>	μg/100ml	T3	<input type="text"/>	ng/100ml
ft4	<input type="text"/>	μU/ml	ft3	<input type="text"/>	ng/dl 
TSH	<input type="text"/>	μU/ml			
kidney function parameters					
creatinine	<input type="text"/>	mg/dl	eGFR ml/min/1.73m²	<input type="text"/>	ml/min/1.73m²
cystatin C	<input type="text"/>	mg/l	GFR measured	<input type="text"/>	ml/min/1.73m²
urine albumin	<input type="text"/>	mg/gCrea			
liver function parameters					
GOT/ASAT	<input type="text"/>	mmol/l	GPT/ALAT	<input type="text"/>	U/l
			γ-GT	<input type="text"/>	U/l

routine lab values

Laboratory values

history	exam	therapy: medication	Therapy: insulin, nutrition, training, others	laboratory values	additional examinations
metabolic control					
fasting BG	<input type="text"/>	mg/dl	pp. BG	<input type="text"/>	mg/dl
pH value	<input type="text"/>		bicarbonate	<input type="text"/>	mmol/l
sodium	<input type="text"/>	mg/dl	potassium	<input type="text"/>	mmol/l
HbA1c	<input type="text"/>	% (Δ mmol/mol Hb)	ADAG	<input type="text"/>	mg/dl
fructosamine	<input type="text"/>	μmol/l	C-peptide	<input type="text"/>	ng/ml
					urine glucose <input type="text"/> %
					urine acetone <input type="text"/>
					βOH-butyrate <input type="text"/> mmol/l
					HbA1c-%-MOM <input type="text"/> %
routine lab values additional lab values immunology					
haemogram					
haemoglobin	<input type="text"/>	g/dl	haematocrit	<input type="text"/>	%
MCH	<input type="text"/>	pg	MCHC	<input type="text"/>	g/dl
					erythrocytes <input type="text"/> mio/μl
iron					
iron	<input type="text"/>	μg/dl	ferritin	<input type="text"/>	μg/l
					transferrin <input type="text"/> g/l
inflammation					
CRP	<input type="text"/>	μmol/l			
lipid values					
Lp(a)	<input type="text"/>	mmol/l			
vitamins					
vitamin B12	<input type="text"/>	pmol/l	vitamin D	<input type="text"/>	nmol/l
metabolic control					
uric acid	<input type="text"/>	μmol/l			

additional lab values

Laboratory values


history	exam	therapy: medication	Therapy: insulin, nutrition, training, others	laboratory values	additional examinations
metabolic control					
fasting BG	<input type="text"/>	mg/dl	pp. BG	<input type="text"/>	mg/dl
pH value	<input type="text"/>		bicarbonate	<input type="text"/>	mmol/l
sodium	<input type="text"/>	mg/dl	potassium	<input type="text"/>	mmol/l
HbA1c	<input type="text"/>	% (Δ mmol/mol Hb)	ADAG	<input type="text"/>	mg/dl
fructosamine	<input type="text"/>	μmol/l	C-peptide	<input type="text"/>	ng/ml
					urine glucose <input type="text"/> %
					urine acetone <input type="text"/>
					βOH-butyrate <input type="text"/> mmol/l
					HbA1c-%-MOM <input type="text"/> %
Antibodies to					
β cells	GAD	<input type="text"/>	mU/ml	insulin	<input type="text"/>
	ZnT8	<input type="text"/>	U/ml	islet cells	<input type="text"/>
thyroid gland	TPO	<input type="text"/>	U/ml	TGAb	<input type="text"/>
celiac disease	TGA-IgA	<input type="text"/>	U/ml	TGA-IgG	<input type="text"/>
	total IgA	<input type="text"/>	mg/dl	gliadin IgA	<input type="text"/>
others	parietal cells	<input type="text"/>	U/ml	adrenal cortex	<input type="text"/>
					IA2 <input type="text"/>
					U/ml
					JDF-U
					U/ml
					U/ml
					U/ml
					titre
					U/ml

SWEET input mask





SWEET input mask

Add new patient visit

select date 

Type of appointment ☒ outpatient ☐ inpatient

SWEET input mask

history | exam | medication | insulin therapy | laboratory values | secondary diseases

exam

date
28/08/2018
reason
(not registered)

hypoglycaemia

severe hypoglycaemia

self monitoring

blood glucose
/week
cont. gluc. measurement
days
cont.

CGMS

device
value corresponds to "manufacturer - device", not to the combination "pump - device"

measurements

height
cm
weight
kg
BMI
kg/m²

SDS
percentile

blood pressure

systolic
mmHg
diastolic
mmHg

examination

consciousness
☐ clear
☐ impaired

SWEET input mask – history | exam

history | exam
medication
insulin therapy
laboratory values
secondary diseases

admission

date
22/03/2016
reason
(not registered)
discharge
30/03/2016

hypoglycaemia

severe hypoglycaemia

self monitoring

blood glucose
/week
cont. gluc. measurement
days
cont.

CGMS

device
value corresponds to "manufacturer - device", not to the combination "pump - device"

measurements

height
cm
weight on admission
kg
BMI on admission
kg/m²
weight on discharge
kg
BMI on discharge
kg/m²

SDS
percentile

blood pressure

systolic
mmHg
diastolic
mmHg

examination

consciousness
clear
impaired

SWEET input mask - medication

history	exam	medication	insulin therapy	laboratory values	secondary diseases
---------	------	------------	-----------------	-------------------	--------------------

medication: antihypertensives

antihypertensives

medication: lipid metabolism

lipid metabolism

medication: oral antidiabetics

oral antidiabetics

medication: injectable antidiabetic

injectable antidiabetic

SWEET input mask - medication

history
medication
insulin therapy
laboratory values
secondary diseases

medication: antihypertensives

antihypertensives yes

ACE-inhibitor

AT-receptor-antagonist

diuretics

yes

renin inhibitor

calcium antagonist

Loop diuretics

betablocker

alpha-blocker

Thiazide, incl. chlorthalidone

vasodilators

others

medication: lipid metabolism

lipid metabolism no

medication: oral antidiabetics

oral antidiabetics yes

biguanides
incretin enhancer
SGLT2 inhibitor

Dapagliflozin [Forxiga®]

Canagliflozin [Invokana®]

yes

Empagliflozin [Jardiance®]

Sulfonylharnstoffe
glinide
insulin-sensitizer
alpha-glucosidase-inhibitor

medication: injectable antidiabetic

injectable antidiabetic

SWEET input mask – insulin therapy

history | exam | medication | **insulin therapy** | laboratory values | secondary diseases

therapy: up to now
copy therapy last visit

number injection timepoints
P /day
☒ pump
☐ LGS
☐ PLGS
☐ Hybrid Closed Loop
☐ Open APS

prandial insulin
U

basal insulin
U

total daily dose
U

total BU (12g)

insulin preparations

therapy: recommendation
copy therapy above

number injection timepoints
/day
☐ pump

prandial insulin
U

basal insulin
U

total daily dose
U

total BU (12g)

SWEET input mask – laboratory values

history	medication	insulin therapy	laboratory values	secondary diseases
metabolic control				
pp. BG <input type="text"/>		mg/dl		pH value <input type="text"/>
urine acetone <input type="text"/>				
HbA1c <input type="text"/>		%		(\pm mmol/mol Hb)
ADAG		mg/dl		HbA1c-%-MOM
				%
lipid values				
cholesterol <input type="text"/>		mg/dl		HDL <input type="text"/>
				mg/dl
LDL <input type="text"/>		mg/dl		
triglycerides <input type="text"/>		mg/dl		
thyroid function parameters				
T4 <input type="text"/>		μ g/100ml		fT4 <input type="text"/>
				μ U/ml
TSH <input type="text"/>		μ U/ml		
Antibodies to				
thyroid gland		TPO <input type="text"/>		U/ml
		TGAAb <input type="text"/>		U/ml
celiac disease		TGA-IgA <input type="text"/>		U/ml
		TGA-IgG <input type="text"/>		U/ml
total IgA <input type="text"/>		mg/dl		gliadin IgA <input type="text"/>
				U/ml
endomysium <input type="text"/>		titre		
gliadin IgG <input type="text"/>		U/ml		

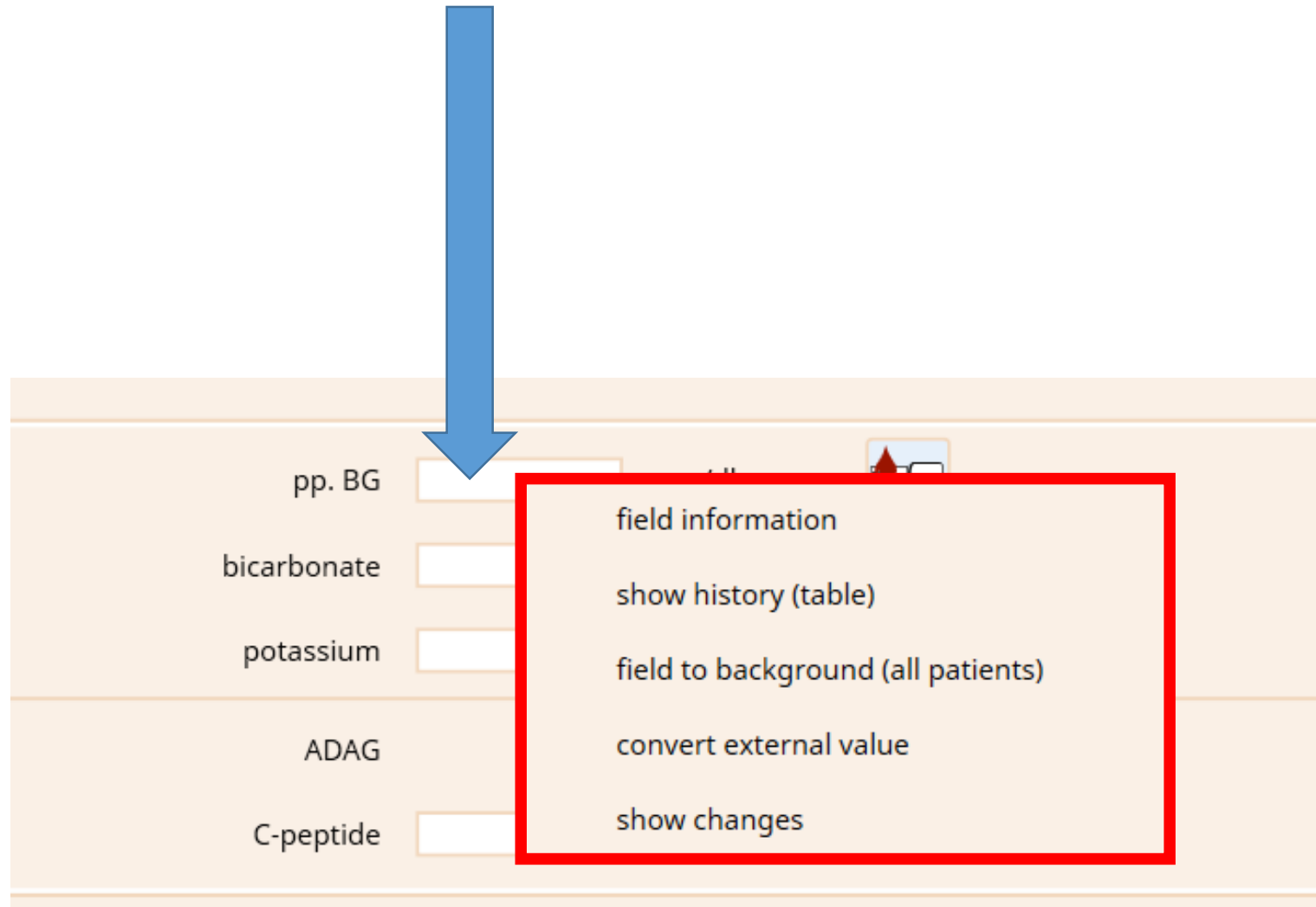
SWEET input mask – secondary diseases

history	medication	insulin therapy	laboratory values	secondary diseases
---------	------------	-----------------	-------------------	--------------------


eye exam

	right	left
exam	<input type="text"/>	<input type="text"/>

Context menu



Context menu – field information

 field information ×

field:	bz
table:	verlauf.dbf

pp. BG

postprandial blood glucose

Context menu – show history

 history (table)


Goold, Orgulas (*23/11/2003)

postprandial BG

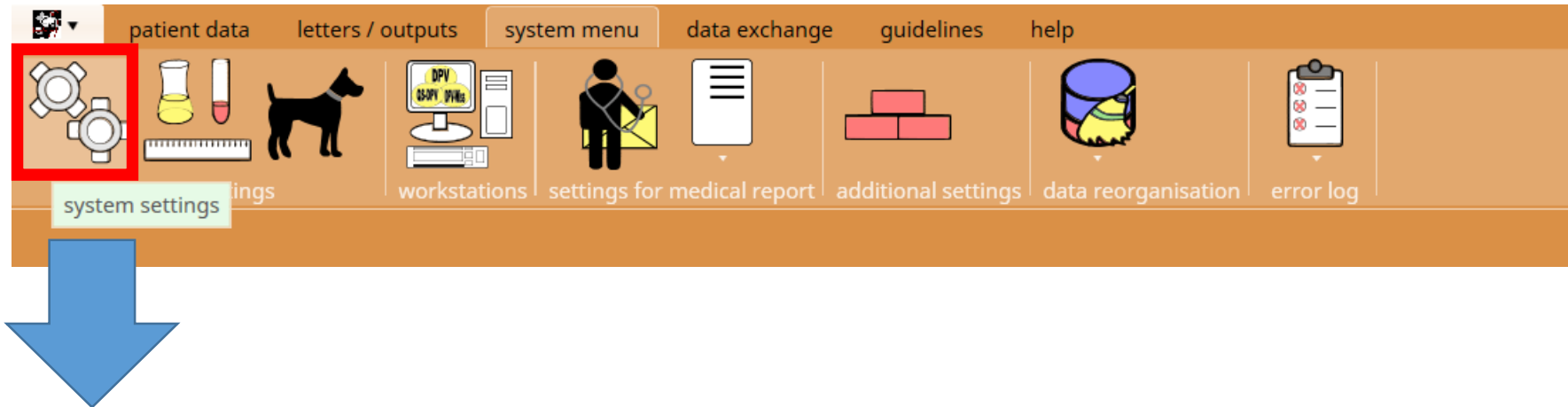
	date	value	unit
+	20/03/2016	0	mmol/l
	13/08/2015	426.00	mg/dl
	25/06/2015	230.00	mg/dl
	13/06/2015		mg/dl
	21/05/2015		mg/dl
	30/04/2015	320.00	mg/dl
	23/04/2015	310.00	mg/dl

Context menu – field to background



pp. BG	<input type="text"/>	mg/dl		urine glucose	<input type="text"/>	%
bicarbonate	<input type="text"/>	mmol/l		urine acetone	<input type="text"/>	
potassium	<input type="text"/>	mmol/l		βOH-butyrate	<input type="text"/>	mmol/l
ADAG		mg/dl		HbA1c-%-MOM		%
C-peptide	<input type="text"/>	ng/ml				

Context menu – field to background



data of the institution | letters / outputs | reference values | **input masks** | path specifications | performance

customising input masks

insulin pump: direction of calculation ☐ calculation of meal insulin ☒ calculation of gCHO/1IU

default for new appointments ☒ outpatient ☐ inpatient

input profiles (input fields fore-/background)

participation in quality assurance initiatives ☐ SWEET

☐ set all fields to the background which are not part of any selected profile



set all fields to foreground (Caution: individual settings (input mask right-click menu) will be overwritten)

Context menu – convert value


convert value

Here you can enter a value measured in a different lab unit.
This value is converted to the defined lab unit automatically.

	blood glucose value	lab unit
external	<input type="text" value="124"/>	<input type="text" value="mg/dl"/>
△	6.9	mmol/l

Context menu – show changes


 change history
 ✕

patient
 examination date
 characteristic
 current value

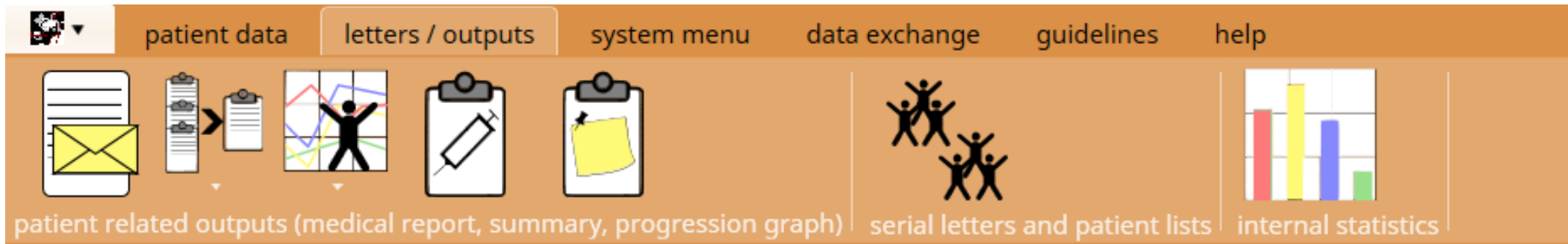
Brandybuck, Melampus (*21/04/1998)
 05/08/2013
 postprandial BG
 291

date	time	user	version	entered value	
01/04/2016	12:07:08	ranz	7.22	291.00	
				290.00	

Please note: the documentation of changes only takes place since version 7.17. Changes made in prior versions therefore can not be displayed in this list.



Letters / outputs



- Medical report
- Summary
- Patient graphics
- Treatment plan
- Patient notes
- Customised patient query
- Internal statistics

Medical report

selection

search patient

last name
first name

pat. ID
birthday

☐ phonetic search

name

patient ID / date of birth

☒ patients with continuing care only

☐ filter query to days

☒ outpatient
☒ inpatient
☒ telephone

filter

last name
first name
birthday
city

Abele	Max	06/08/2000	
Baggins	Bilba	15/04/2004	
Baggins	Camelia	19/05/2000	Aitrang
Baggins	Ceredic	27/06/1992	Neckarbischofsheim
Baggins	Columbus	29/05/1993	Mühlhausen
Baggins	Donnamira	16/01/2008	Niedermohr
Baggins	Gerda	19/05/1999	Ebstor
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Prospero	09/09/2000	Rositz
Banks	Bellisima	29/07/1996	Friedewald
Banks	Bladud	05/08/1994	Saalfeld
Banks	Bowman	25/12/1999	Neustadt an der Weinstraße Dut
Banks	Gerda	11/05/1997	Calberlah
Banks	Jessamine	22/08/2000	Aßling
Banks	Linda	12/03/1997	Gersdorf
Banks	Marmaduke	04/11/2002	Eggingen

name:
residence:
examinations:

last name
first name

treatment period

no entries in print list

built-in medical report
medical report (Microsoft-Word)

1. Patient selection

add to print list

print list

no entries in print list

recipients of medical report

name
city
category

☐ additional letter for patient

Medical report

search for patient

print options

selection

search patient

last name

first name

name

☐ phonetic search

pat. ID

birthday

patient ID / date of birth

☒ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone

filter

patient

last name	first name	birthday	city
Abele	Max	06/08/2000	
Baggins	Bilba	15/04/2004	
Baggins	Camelia	19/05/2000	Aitrang
Baggins	Ceric	27/06/1992	Neckarbischofsheim
Baggins	Columbus	29/05/1993	Mühlhausen
Baggins	Donnamira	16/01/2008	Niedermohr
Baggins	Gerda	19/05/1999	Ebster
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Prospero	09/09/2000	Rositz
Banks	Bellisima	29/07/1996	Friedewald
Banks	Bladud	05/08/1994	Saalfeld
Banks	Bowman	25/12/1999	Neustadt an der Weinstraße Dut
Banks	Gerda	11/05/1997	Calberlah
Banks	Jessamine	22/08/2000	ABling
Banks	Linda	12/03/1997	Gersdorf
Banks	Marmaduke	04/11/2002	Eggingen

name: Baggins, Camelia (*19/05/2000)
residence: 2943 Aitrang
examinations: 59

content

☒ current exam (07/08/2014, outpatient)

☐ previous appointment

☐ period until

add to print list

print list

last name	first name	treatment period
no entries in print list		

recipients of medical report

name	city	category
Bladud, Sandheaver	Potsdam	physician

☐ additional letter for patient

2. Recipients

Medical report

3. Content

selection
 search patient

print options

last name

first name

☐ phonetic search

pat. ID

birthday

☒ patients with continuing care only
 ☐ filter query to days
 ☒ outpatient
 ☒ inpatient
 ☒ telephone

filter

patient

last name	first name		
Abele	Max		
Baggins	Bilba	15/04/2004	
Baggins	Camelia	19/05/2000	Aitrang
Baggins	Ceric	27/06/1992	Neckarbischofsheim
Baggins	Columbus	29/05/1993	Mühlhausen
Baggins	Donnamira	16/01/2008	Niedermohr
Baggins	Gerda	19/05/1999	Ebster
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Prospero	09/09/2000	Rositz
Banks	Bellisima	29/07/1996	Friedewald
Banks	Bladud	05/08/1994	Saalfeld
Banks	Bowman	25/12/1999	Neustadt an der Weinstraße Dut
Banks	Gerda	11/05/1997	Calberlah
Banks	Jessamine	22/08/2000	ABling
Banks	Linda	12/03/1997	Gersdorf
Banks	Marmaduke	04/11/2002	Eggingen

name: Baggins, Camelia (*19/05/2000)
 residence: 2943 Aitrang
 examinations: 59

recipients of medical report

name	city	category
Bladud, Sandheaver	Potsdam	physician

☐ additional letter for patient

content

☒ current exam (07/08/2014, outpatient)
 ☐ previous appointment 16/07/2014 outpatie
 ☐ period 15/08/2006 inpatient until 07/08/2014 outpatie

add to print list

print list

last name	first name	treatment period
no entries in print list		

built-in medical report

medical report (Microsoft-Word)

Medical report

search for patient

print options

selection
 search patient

last name
 first name
 name

pat. ID
 birthday
 patient ID / date of birth

☒ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone
 filter

patient

last name	first name	birthday	city
Abele	Max	06/08/2000	
Baggins	Bilba	15/04/2004	
Baggins	Camelia	19/05/2000	Aitrang
Baggins	Ceredic	27/06/1992	Neckarbischofsheim
Baggins	Columbus	29/05/1993	Mühlhausen
Baggins	Donnamira	16/01/2008	Niedermohr
Baggins	Gerda	19/05/1999	Ebstor
Baggins	Mat	27/08/1998	Viereth-Trunstadt
Baggins	Prospero	09/09/2000	Rositz
Banks	Bellisima	29/07/1996	Friedewald
Banks	Bladud	05/08/1994	Saalfeld
Banks	Bowman	25/12/1999	Neustadt an der Weinstraße Dut
Banks	Gerda	11/05/1997	Calberlah
Banks	Jessamine	22/08/2000	ABling
Banks	Linda	12/03/1997	Gersdorf
Banks	Marmaduke	04/11/2002	Eggingen

name: Baggins, Camelia (*19/05/2000)
 residence: 2943 Aitrang
 examinations: 59

recipients of medical report

name	city	category
Bladud, Sandheaver	Potsdam	physician

☐ additional letter for patient

content

☒ current exam (07/08/2014, outpatient)
 ☐ previous appointment
 ☐ period

☒ add to print list

4. Add to printlist

print list

last name	first name	treatment period
no entries in print list		

built-in medical report

medical report (Microsoft-Word)

Medical report

search for patient

print options

last name

first name

☐ phonetic search

pat. ID

birthday

☒ patients with continuing care only
☐ filter query to days
☒ outpatient ☒ inpatient ☒ telephone

patient

last name	first name	birthday	city
Noakes	Pansy	29/10/2005	Ebermannstadt
Noakes	Pearl	09/11/1991	Moosinning
Noakes	Rorimac	06/09/1996	Welzow
Noakes	Rosa	08/08/1998	Gelenau
Noakes	Vigo	15/04/2004	Despetal
Oldbuck	Amethyst	21/02/1982	Waltenhofen
Oldbuck	Berylla	13/04/1999	Düsseldorf Stadtmitte
Oldbuck	Gloriana	01/11/1995	Eimeldingen
Oldbuck	Marroc	17/07/1988	Püttlingen
Oldbuck	Robinia	31/12/2001	Ellscheid
Oldbuck	Trahand	24/03/1996	Steinheim
Oldbuck	Yolanda	26/03/1988	Niddatal
Proudfoot	Goldilocks	12/12/2008	Koblenz Rübenach
Proudfoot	Grimalda	19/07/1997	Marktheidenfeld
Proudfoot	Jolly	25/12/1997	Eichenbach
Proudfoot	Marcus	08/12/2002	Kronach

name: Oldbuck, Gloriana (*01/11/1995)
residence: 79591 Eimeldingen
examinations: 6

recipients of medical report

name	city	category
Prima, Burrows	Niedernhall	physician

☐ additional letter for patient

content

☐ current exam (16/06/2011, inpatient)
 ☐ previous appointment 07/03/2011 outpatient

☒ period 31/08/2010 inpatient until 16/06/2011 inpatient

add to print list

print list

last name	name
Baggins	elia
Banks	mine
Baggins	espero
Oldbuck	

built-in medical report

medical report (Microsoft-Word)

Print

Preview

Medical report

selection
 search patient

print options

last name
 first name
 name

pat. ID
 birthday
 patient ID / date of birth

☐ phonetic search
 ☐ patients with continuing care only
 ☐ filter query to days
 ☒ outpatient
 ☒ inpatient
 ☒ telephone

patient

last name	first name	birthday	city
Noakes	Pansy	29/10/2005	Ebermannstadt
Noakes	Pearl	09/11/1991	Moosinning
Noakes	Rorimac	06/09/1996	Welzow
Noakes	Rosa	08/08/1998	Gelenau
Noakes	Vigo	15/04/2004	Despetal
Oldbuck	Amethyst	21/02/1982	Waltenhofen
Oldbuck	Berylla	13/04/1999	Düsseldorf Stadtmitte
Oldbuck	Gloriana	01/11/1995	Eimeldingen
Oldbuck	Marroc	17/07/1988	Püttlingen
Oldbuck	Robinia	31/12/2001	Ellscheid
Oldbuck	Trahand	24/03/1996	Steinheim
Oldbuck	Yolanda	26/03/1988	Niddatal
Proudfoot	Goldilocks	12/12/2008	Koblenz Rübenach
Proudfoot	Grimalda	19/07/1997	Marktheidenfeld
Proudfoot	Jolly	25/12/1997	Eichenbach
Proudfoot	Marcus	08/12/2002	Kronach

name: Oldbuck, Gloriana (*01/11/1995)
 residence: 79591 Eimeldingen
 examinations: 6

recipients of medical report

name	city	category
Prima, Burrows	Niedernhall	physician

☐ additional letter for patient

content

☐ current exam (16/06/2011, inpatient)

☐ previous appointment

07/03/2011 outpatient

☒ period

31/08/2010 inpatient

 until

16/06/2011 inpatient

add to print list

print list

last name	first name	treatment period
Baggins	Camelia	15/08/2006 - 07/08/2014
Banks	Jessamine	30/09/2009 - 04/02/2014
Baggins	Prospero	30/11/2009 - 06/07/2015
	Gloriana	31/08/2010 - 16/06/2011

Built-in

built-in medical report
 medical report (Microsoft-Word)

Medical report - built-in



This is a DEMO letterhead. Please send us your letterhead in electronic form (e.g. Word) per e-mail. We will convert your letterhead and send you the letterhead for DPV for SWEET.

Please contact us for a letterhead

Dr. med. Took-Brandybuck Cora
Best Products
Anhalter Strasse 64
67823 Unkenbach

date: 10/03/2015

regarding: Noakes, Lobelia born on 08.02.1995
81457 München, Rosenstrasse 36

Dear Dr. med. Took-Brandybuck Cora

We report on patient indicated above, whom we cared for on 25/04/2013 for routine exam in our institution.

diagnoses

type-1 diabetes mellitus (ICD10/E10) since 10/11/2007

history and exam

measurements BG / ketone	24/0 /week
mild hypoglycaemia	0 /month
hypoglycaemia s. last visit: severe/coma	0/
sick days due to diabetes s. last visit	0 days
days in other hospital	0 days
sport under guidance	0 /week
smoking behaviour	0 cig./day

Medical report - built-in

therapy: recommendation

recommended insulin therapy:

morning	8.000 U	NOR	± 1U / 80 mg/dl	8.000 U	NPH
noon	7.000 U	NOR	± 1U / 80 mg/dl	- U	NPH
evening	7.000 U	NOR	± 1U / 80 mg/dl	- U	NPH
late	- U	NOR		17.000 U	NPH

total-CU (10g)	16.000	total calories	- kcal
early: 4.0 CU (10g)	S1: 2.0 CU (10g)	S2: - CU (10g)	noon: 4.0 CU (10g)
S3: 2.0 CU (10g)	evening: 4.0 CU (10g)	late: - CU (10g)	


(rapid acting insulin per CU (10g): Mo: 1.500 /L: 1.750 /Ev: 1.750)

insulin preparation: NI :NOR= Actrapid HM/ Protaphane HM

overview insulin therapy:


total daily dose	47.0 U		1.076 U/kg
prandial insulin	22.0 U	% prandial insulin	47.00 %
basal insulin	25.0 U	% basal insulin	53.00 %

Medical report




search for patient

print options



selection



search patient

last name

first name

phonetic search

name

pat. ID

birthday

patient ID / date of birth

☒ patients with continuing care only
 ☐ filter query to

days

☒ outpatient
 ☒ inpatient
 ☒ telephone

filter

patient

last name	first name	birthday	city
Noakes	Pearl	09/11/1991	Moosinning
Noakes	Rorimac	06/09/1996	Welzow
Noakes	Rosa	08/08/1998	Gelenau
Noakes	Vigo	15/04/2004	Despetal
Oldbuck	Amethyst	21/02/1982	Waltenhofen
Oldbuck	Berylla	13/04/1999	Düsseldorf Stadtmitte
Oldbuck	Gloriana	01/11/1995	Eimeldingen
Oldbuck	Marroc	17/07/1988	Püttlingen
Oldbuck	Robinia	31/12/2001	Ellscheid
Oldbuck	Trahand	24/03/1996	Steinheim
Oldbuck	Yolanda	26/03/1988	Niddatal
Proudfoot	Goldilocks	12/12/2008	Koblenz Rübenach
Proudfoot	Grimalda	19/07/1997	Marktheidenfeld
Proudfoot	Jolly	25/12/1997	Eichenbach
Proudfoot	Marcus	08/12/2002	Kronach
Proudfoot	Mimosa	29/08/2002	Dachsbach

name: Oldbuck, Gloriana (*01/11/1995)

residence: 79591 Eimeldingen

examinations: 6

recipients of medical report

name	city	category
Prima, Burrows	Niedernhall	physician

☐ additional letter for patient

content

☐ current exam (16/06/2011, inpatient)
 ☐ previous appointment

07/03/2011 outpatient

☒ period

31/08/2010 inpatient

until

16/06/2011 inpatient

add to print list

print list

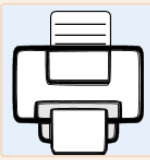

last name	first name	treatment period
Baggins	Camelia	15/08/2006 - 07/08/2014
Banks	Jessamine	30/09/2009 - 04/02/2014
Baqqins	Prospero	30/11/2009 - 06/07/2015
		31/08/2010 - 16/06/2011

built-in medical report

medical report (Microsoft-Word)

selected template

arztbrief1

624 patients found.

Medical report – MS-Word

print

print PDF

Start Einfügen Entwurf Layout Verweise Sendungen Überprüfen Ansicht Was möchten Sie tun? Freigeben

Ausschneiden Kopieren Einfügen Format übertragen Zwischenablage

Verdana 10 A A Aa F K U abc x₂ x² A ab A

Schriftart Absatz

AaBbCcD Fett AaBbCcD Hervorheb... AaBbCcD Standard AaBbC Titel AaBbC Überschr... AaBbCcD Überschr... AaBbCcD Untertitel

Suchen Ersetzen Markieren Bearbeiten

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

regarding: Gardner, Hobborn 14/05/1995
97837 Erlenbach, Brandenburgische Str. 67

Dear Dr. med. Adelgrim Bunce

we report on the patient indicated above, whom we cared for on 21/02/2013 for routine exam in our institution.

diagnoses:
chronic diagnoses:
type 1 diabetes mellitus (ICD10/E10) since 09/10/2003

history and exam

measurements BG / ketone	→	35/0 /week
mild hypoglycaemia	→	4 /month
hypoglycaemia s. last visit: severe/coma	→	0
sick days due to diabetes s. last visit	→	0 days
days in other hospital	→	0 days
sport under guidance	→	0 h / week
smoking behaviour	→	0 cig./day
weight	→	73 kg (perc. 50-75)
height	→	178 cm (perc. 25-50)
BMI	→	23.1 kg/m ² (perc. 50-75)
blood pressure	→	130 / 72 mmHg
injection sites	→	normal

Summary

- Recent exams of one patient on single page
- All exams of one patient on multiple pages



Summary

Paediatric summary: Sackville, Nick, born: 12.08.1987 pat. ID: 442

date: 10.03.2015

Diabetes onset: 29.05.1999, type-1 diabetes mellitus, HLA-DR: /

date	Age	Hei.	Wei.	BMI	SDS	sys.BP	dia.BP	HbA1c	Chol.	HDL	LDL	Inj./d	U/kg
22/06/2005	O 17.8	174.6	67.0	21.98	0.13	131	66	7.40	168.0		103	P	0.99
14/03/2005	O 17.5	174.5	67.9	22.30	0.29	156	82	7.20				P	0.97
18/12/2004	O 17.3	174.0	65.7	21.70	0.13	127	78	7.10				P	0.97
08/09/2004	O 17.0	173.7	67.4	22.34	0.42	124	78	7.80				P	1.00
26/06/2004	O 16.8	173.5	65.0	21.59	0.20	135	67	7.30	187.0			P	1.08
07/04/2004	O 16.6	173.0	61.5	20.55	-0.13	125	77	7.10				P	0.60
28/01/2004	O 16.4	171.8	62.6	21.21	0.16	136	79	7.40				P	0.50
12/11/2003	O 16.2	170.5	60.0	20.64	-0.01	121	64	7.20				P	
07/10/2003	I 16.1	171.0										P	1.32
27/08/2003	O 16.0	170.0	59.0	20.42	-0.03	119	65	7.40				4	1.23
18/06/2003	O 15.8											4	
04/06/2003	O 15.8	168.9	57.9	20.30	-0.01	127	76	7.00	167.0			4	1.18
19/03/2003	O 15.6	167.0	55.6	19.94	-0.11	122	78	8.00				4	1.22

URINE ALBUMINE:

date	
22/06/2005	2.4 µg/min
08/01/2003	6.0 µg/min
16/01/2002	1.6 µg/min
25/01/2001	2.8 µg/min
01/02/2000	0.9 µg/min

EYE EXAM:

date	left	right
15/01/2005	normal	normal
14/03/2005	normal	normal
15/01/2004	normal	normal
15/01/2004	normal	normal
15/01/2004	normal	normal
15/01/2004	normal	normal
12/01/2004	normal	normal
12/11/2003	normal	normal
07/10/2003	normal	normal
27/08/2003	normal	normal
18/06/2003	normal	normal
04/06/2003	normal	normal
19/03/2003	normal	normal
08/01/2003	normal	normal
30/10/2002	normal	normal

ABPM (24-H-BLOOD PRESSURE):

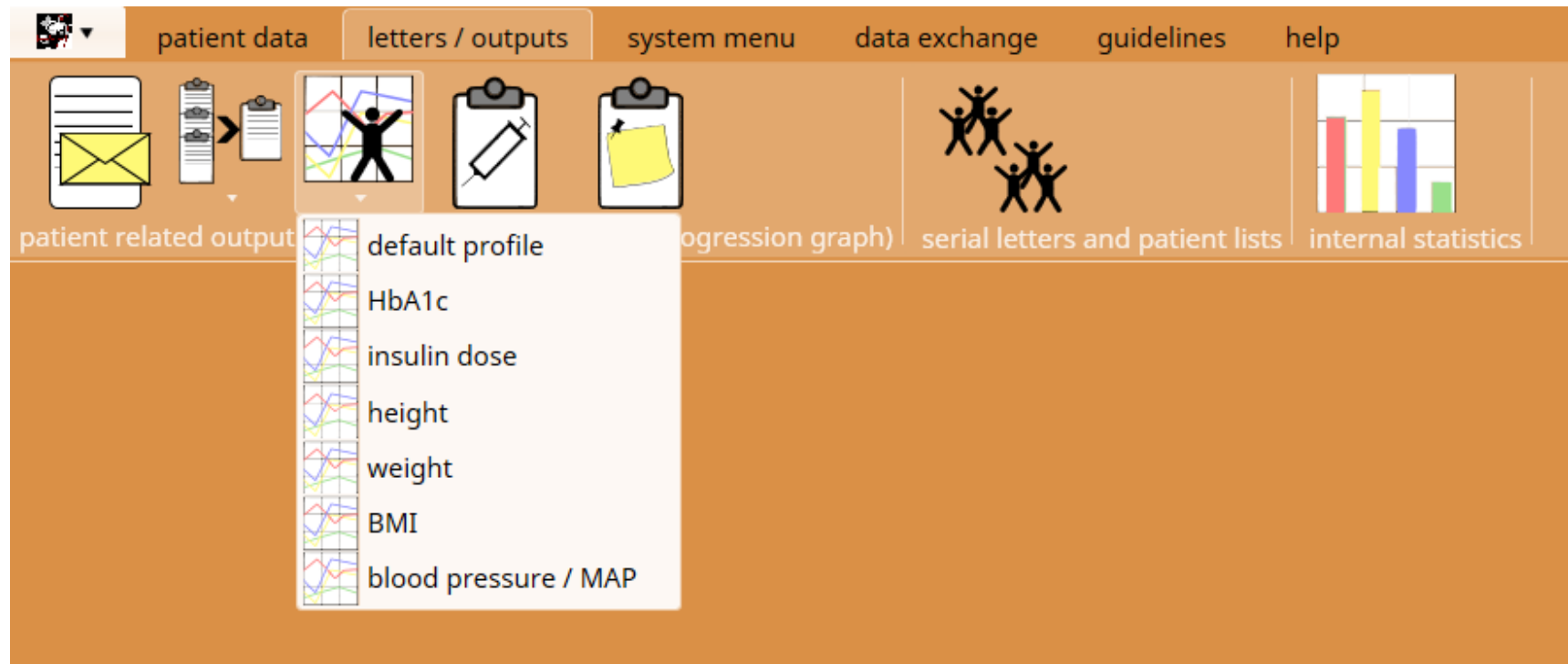
date	TS-Mean	Sys./day
------	---------	----------

CONTROL BG METER:

date	difference
------	------------

Patient graphics

- Seven predefined profiles
- Single graphic for HbA1c, insulin dose, height, weight, BMI, blood pressure / MAP
- Graphic containing all six parameters on one page

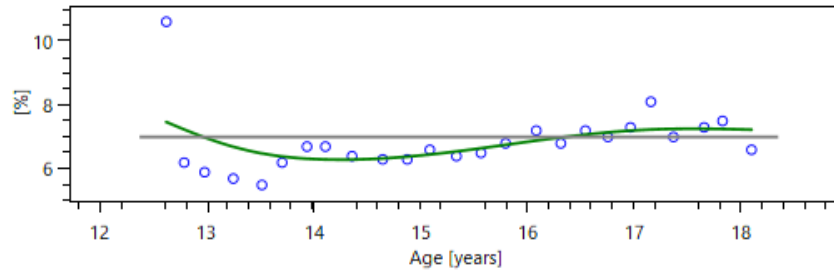


Patient graphics

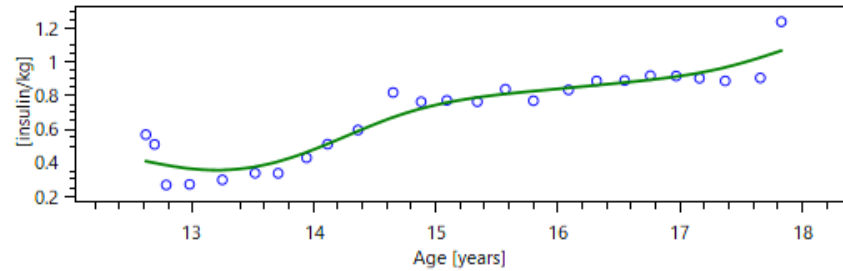
Meneaduc Hogpen, * 14/12/1991

10/03/2015

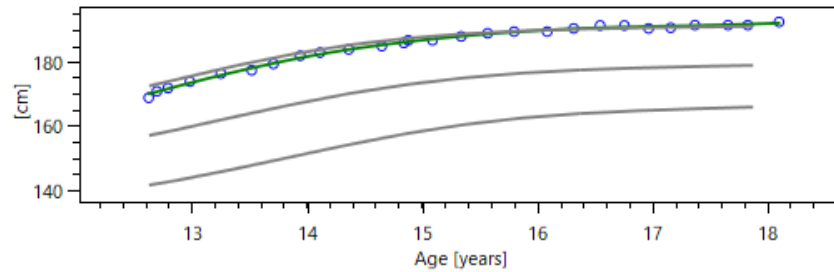
HbA1c



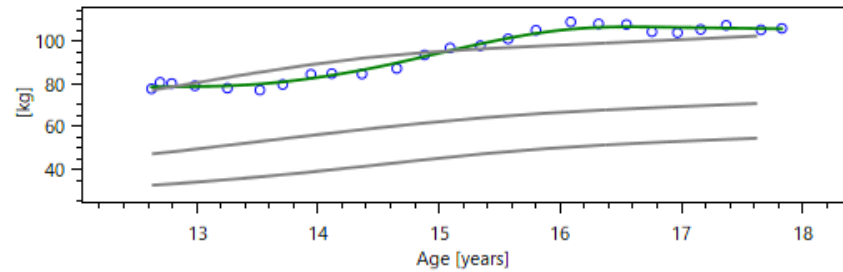
insulin dose



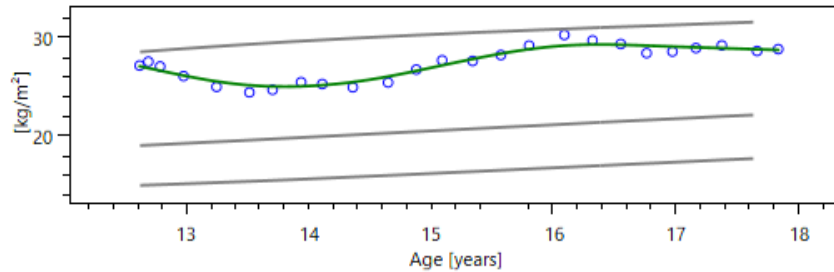
height



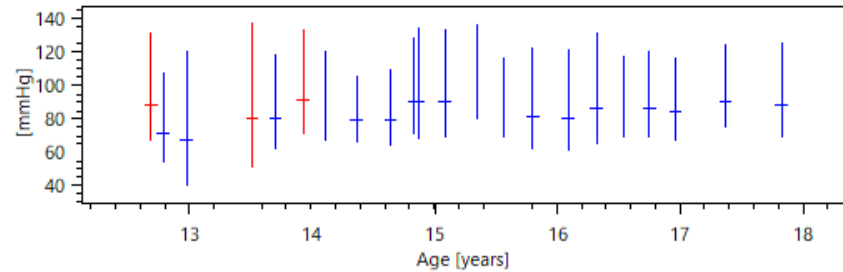
weight



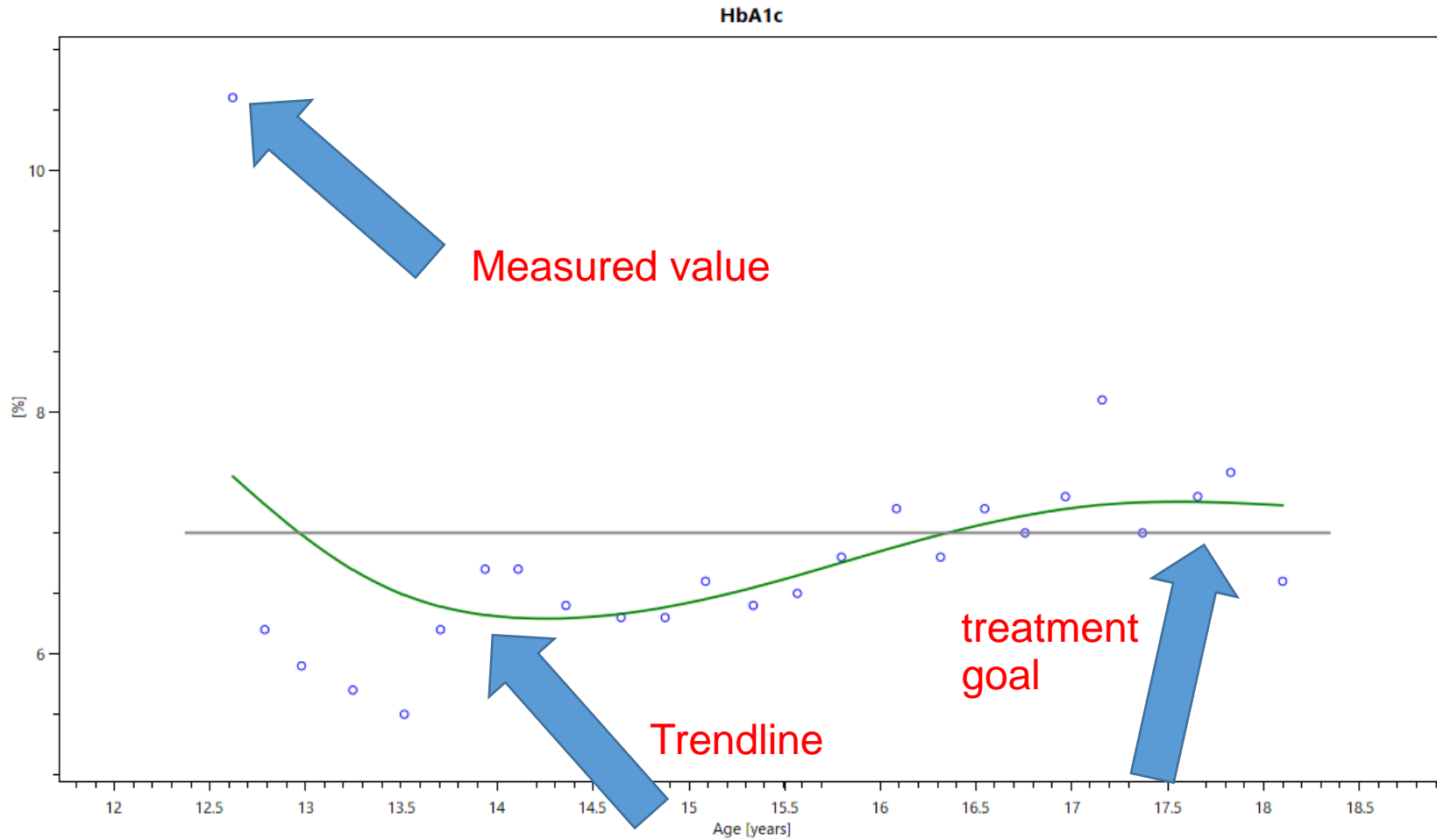
BMI



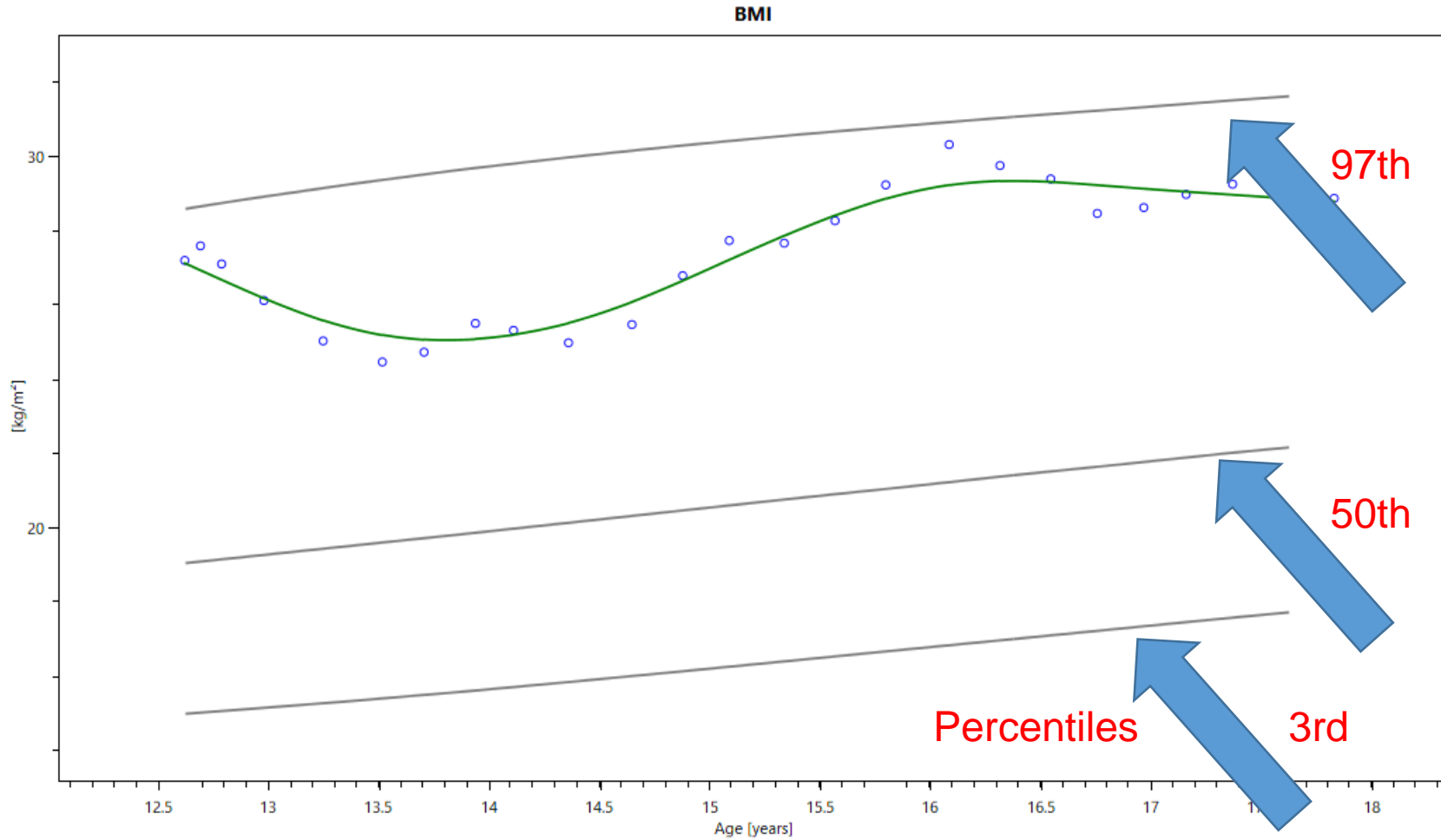
blood pressure / MAP



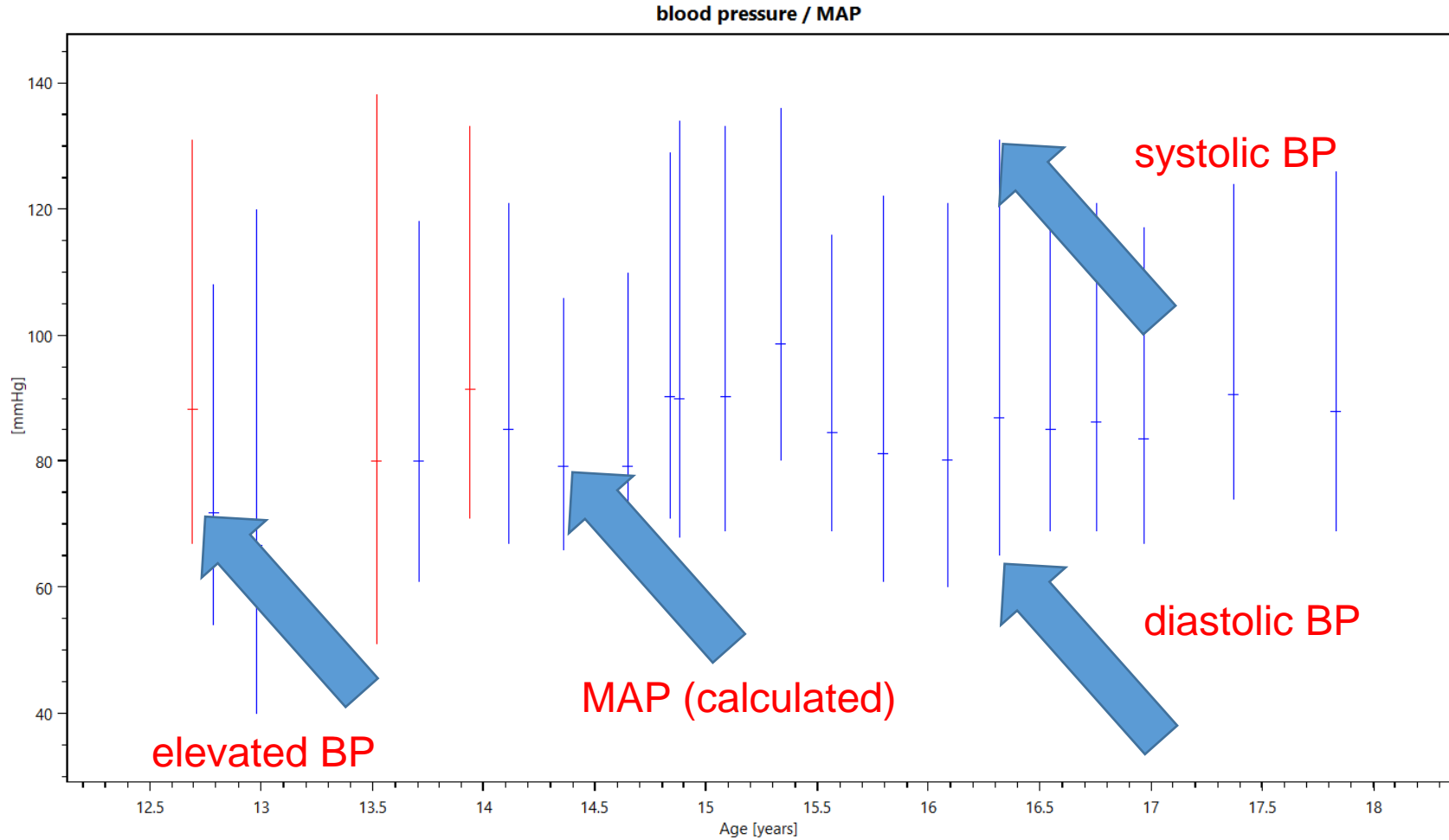
Patient graphics – HbA1c



Patient graphics - BMI



Patient graphics – blood pressure / MAP



Treatment plan

- Output for the recommended insulin therapy

TREATMENT PLAN DIABETES MELLITUS

name: Hornblower, Gloriana born 23/05/1999
data for control visit: 17/01/2013

Settings for the insulin pump and diet recommendations:

	insulin/BU	average BU	correction factor
Breakfast	1.4 U Asp /BU	2.5	1/50.0
first snack	1.0 U Asp /BU	3	
second snack	--		
Lunch	0.7 U Asp /BU	2	1/50.0
afternoon snack	1.0 U Asp /BU	2	
Dinner	1.0 U Asp /BU	1.5	1/50.0
latenight snack	--	2	1/50.0
insulin preparation			
basal rate	18.5		
total calories	0 kcal		

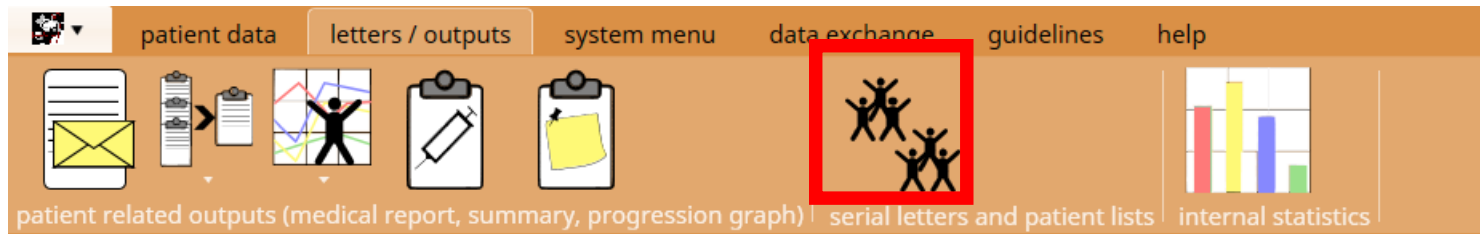
next appointment: _____

doctor

(date)


(Signature)


Customised patient search



- Search for patient groups
 - Export patients to Excel (personalised circular letter)

Customised patient search





☒ from until
☐ patient has not been present in the selected period

☐ in the past months

☒ patient selection (1)
 ☐ patient selection (2)
 ☐ exam
 ☐ examination
 ☐ laboratory parameters
 ☐ additional lab values
 ☐ diagnostics
 ☐ therapy
 ☐ subsequent complications
 ☐ patient-reported outcomes
 ☐ others

☐ name

☐ first name

☐ gender

☐ patient's city

☐ patient's country

☐ attending physician

☐ recipient of medical report

☐ recipient of medical report - city

☐ Father / Mother born in D

☐ patient born in D

☐ origin: patient

☐ origin: mother


☐ origin: father

Multiple criteria available for search which can be combined

criteria for search

patients between - 04/04/2018 present [period]

Customised patient search



☒ from until ☒ patient has not been present in the selected period
☐ in the past months

search date range

patient selection (1)
 patient selection (2)
 exam
 examination
 laboratory parameters
 additional lab values
 diagnostics
 therapy
 subsequent complications
 patient-reported outcomes
 others


<input checked="" type="checkbox"/> HbA1c	>=	8	%
<input type="checkbox"/> HbA1c-SDS	>=		
<input type="checkbox"/> fructosamine	>=		μmol/l
<input type="checkbox"/> fasting BG	>=		mg/dl
<input type="checkbox"/> pp. BG	>=		mg/dl
<input type="checkbox"/> pH value	>=		
<input type="checkbox"/> bicarbonate	>=		mmol/l
<input type="checkbox"/> sodium	>=		mg/dl
<input type="checkbox"/> potassium	>=		mmol/l
<input type="checkbox"/> βOH-butyrate	>=		mmol/l
<input type="checkbox"/> C-peptide	>=		ng/ml
<input type="checkbox"/> c			mmol/l
<input type="checkbox"/> -			mmol/l


Display of selected criteria for search

criteria for search

patients between 01/01/2017 - 04/04/2018 not present [period]
 minimum diabetes duration: >= 5 years [patient selection (2)]
 HbA1c: >= 8 % [laboratory parameters]
 gender: male [patient selection (1)]

Customised patient search







☒ from until ☒ patient has not been present in the selected period
☐ in the past months

search date range

☐ patient selection (1)
 ☐ patient selection (2)
 ☐ exam
 ☐ examination
 ☐ laboratory parameters
 ☐ additional lab values
 ☐ diagnostics
 ☐ therapy
 ☐ subsequent complications
 ☐ patient-reported outcomes
 ☐ others

☐ name (normal)
☐ first name (normal)
☐ gender male
☐ patient's city ZIP-code / city
☐ patient's country Afghanistan
☐ attending physician 
☐ recipient of medical report 
☐ recipient of medical report - city ZIP-code / city
☐ Father / Mother born in D only father
☐ patient born in D no
☐ origin: patient Afghanistan
☐ origin: mother Afghanistan
☐ origin: father Afghanistan

criteria for search

patients between 01/01/2017 - 04/04/2018 not present [period]

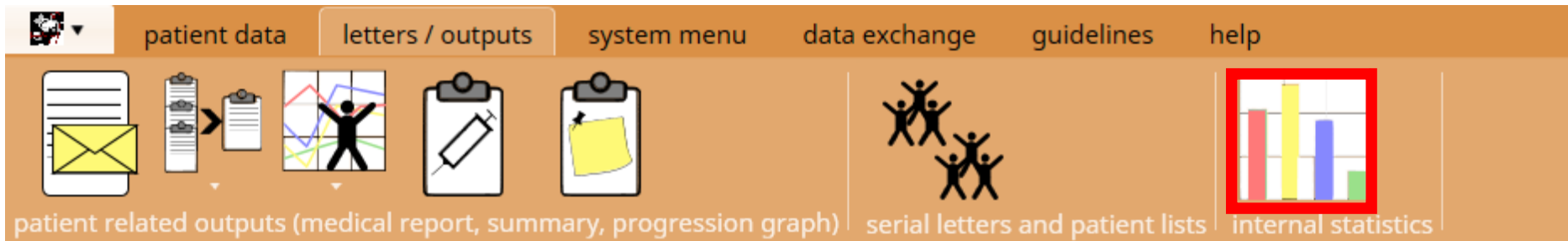
Customised patient search

- List of patients matching the search criteria

search patient												
<div>    </div>												
Print list or export to Excel												
patient id	first name	last name	gender	street	ZIP-code	city	country	date of birth	telephone	e-mail	Diabetes onset	type of diabetes
5	Gundobad	Hogpen	male	Ruschestrasse 99	19073	Dümmen	(not specified)	25/05/1985	03869 59 81 49	GundobadHogpen@fl	29/07/1986	I
6	Bladud	Whitfoot	male	Frankfurter Allee 61	79100	Freiburg Stadt	Germany	04/06/1976	0761 25 59 59	BladudWhitfoot@gust	27/06/1987	I
7	Orlando	Hayward	male	Prenzlauer Allee 62	04332	Leipzig	Germany	04/10/1981	0341 37 15 30	OrlandoHayward@ein	28/11/1992	I
11	Dudo	Burrows	male	Pohlstrasse 41	38312	Heiningen	Germany	06/08/1983	05334 87 56 97	DudoBurrows@gustr.c	31/10/1989	I
12	Bladud	Took	male	Leipziger Strasse 21	54318	Mertesdorf	(not specified)	14/12/1985	0651 66 26 97	BladudTook@cuvox.de	29/06/1993	I
16	Andwise	Gammidge	male	Kirchenallee 87	94267	Prackebach	(not specified)	03/04/1980	09942 37 98 46	AndwiseGammidge@c	13/06/1994	I
17	Rollo	Bracegirdle	male	Eichendorffstr. 41	78532	Tuttlingen	(not specified)	08/02/1982	07462 71 64 19	RolloBracegirdle@einr	30/09/1991	I
23	Posco	Chubb	male	An der Schillingbrücke	73453	Abtsgmünd	(not specified)	12/06/1983	07366 87 67 15	PoscoChubb@einrot.c	14/06/1991	I
25	Merimac	Goodchild	male	Leopoldstraße 69	57074	Siegen	(not specified)	04/07/1981	027 31 68 02	MerimacGoodchild@d	29/05/1988	I
27	Flavus	Bolger	male	Pohlstrasse 90	38319	Remlingen	(not specified)	07/04/1988	05336 73 98 71	FlavusBolger@telewor	28/02/1993	I
31	Conrad	Boffin	male	Pasewalker Straße 80	95466	Bühl	(not specified)	29/03/1988	07223 32 98 75	ConradBoffin@flecken	27/02/1989	I
32	Valdemar	Whitfoot	male	Kurfürstendamm 63	8058	Zwickau	(not specified)	11/03/1983	0375 80 44 90	ValdemarWhitfoot@te	29/07/1992	I
34	Ceredic	Tunnely	male	Jahnstrasse 43	83205	Prien	(not specified)	24/11/1980	08051 27 61 45	CeredicTunnely@arm	26/02/1984	I
35	Holman	Underhill	male	Brandenburgische Str	67294	Rittersheim	Germany	17/08/1982	06352 69 93 40	HolmanUnderhill@flec	26/02/1990	I
40	Moro	Greenhand	male	Fasanenstrasse 22	22309	Hamburg Ohlsdorf	Germany	19/08/1988	040 57 79 29	MoroGreenhand@gus	28/08/1994	I
41	Isumbras	Took	male	Adenauerallee 74	17116	Loitz	Germany	28/10/1986	039998 82 41	IsumbrasTook@dayref	30/06/1992	I
44	Adelgrim	Grubb	male	Rosenstrasse 22	81379	München	Germany	11/11/1986	089 67 06 98	AdelgrimGrubb@cuvo	30/01/1994	I
45	Mosco	Sandyman	male	An der Alster 68	19342	Perleberg	Germany	02/12/1983	038793 94 06	MoscoSandyman@arn	27/06/1993	I
48	Melampus	Burrowes	male	Genterstrasse 52	24030	Kiel	(not specified)	13/10/1980	0431 96 25 33	MelampusBurrowes@	27/10/1992	I
49	Kalimac	Brandybuck	male	Hoheluftchaussee 17	04767	Mügel	Germany	17/05/1988	034362 50 11	KalimacBrandybuck@i	30/05/1994	I
50	Everard	Puddifoot	male	Konstanzer Strasse 50	63849	Leidersbach	(not specified)	31/05/1986	06028 80 15 82	EverardPuddifoot@fle	27/07/1993	I
51	Wilimar	Proudfoot	male	Fasanenstrasse 45	22147	Hamburg Rahlstedt	Germany	24/02/1990	040 48 77 64	WilimarProudfoot@ar	31/01/1992	I
53	Isengar	Lightfoot	male	Motzstr. 50	55234	Dintenheim	Germany	26/10/1970	06735 62 42 72	IsengarLightfoot@arm	26/06/1980	I
54	Marcho	Gamgee	male	Straße der Pariser Korn	44267	Dortmund	Germany	01/05/1988	0231 48 27 51	MarchoGamgee@einr	13/06/1991	I
57	Hildigard	Bunce	male	Prager Str 49	82239	Alling	(not specified)	19/07/1976	08141 72 54 18	HildigardBunce@jourr	29/01/1986	I
58	Peregrin	Greenhand	male	Anhalter Strasse 78	67725	Börstadt	Germany	08/05/1986	06357 37 30 92	PeregrinGreenhand@c	28/01/1994	I
59	Melampus	Brownlock	male	Waßmannsdorfer Cha	22395	Hamburg Bergstedt	Germany	10/04/1981	040 69 86 99	MelampusBrownlock@	31/08/1985	I
60	Posco	Hayward	male	Lange Strasse 62	81908	München	(not specified)	05/01/1990	089 39 16 38	PoscoHayward@super	27/06/1994	I
64	Basso	Gould	male	Brandenburgische Stra	12109	Berlin Mariendorf	Germany	03/04/1978	030 83 71 32	BassoGould@fleckens	10/06/1980	I
65	Wilcome	Goodchild	male	Konstanzer Strasse 9	64823	Groß-Umstadt	Germany	11/02/1986	06078 36 87 80	WilcomeGoodchild@c	26/06/1990	I
67	Otho	Hayward	male	Rathausstrasse 24	90122	Nürnberg	Germany	11/12/1980	0911 89 19 17	OthoHayward@einrot.	24/02/1991	I
70	Bucca	Clayhanger	male	Ansbacher Strasse 46	56867	Briedel	Germany	04/02/1979	06542 16 99 89	BuccaClayhanger@jou	31/07/1986	I

Internal statistics

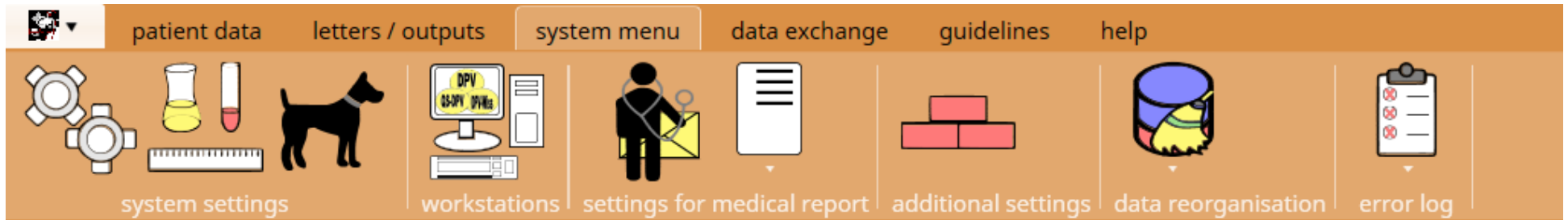
- Cumulative statistics regarding all documented patients
 - Separate calculations for years and quarters



Internal statistics

<div> <div>calculation</div> <div>export</div> </div> <div> <div>export</div> </div>								
life situation	risk factors	statistics of training	success of training	subsequent complications	metabolic control I	metabolic control II (HbA1c %)	metabolic control II (HbA1c mmol/mol Hb)	
demography	therapy - outpatient	therapy	distance residence-institution	acute complications	completeness of therapy of blood pressure	completeness of control examinations	activity recording	
quarter	number of patients	proportion of male patients [%]	proportion of patients born abroad [%]	proportion of patients/parents born abroad [%]	AVG age [years]	AVG duration of diabetes [years]	proportion of patient	
							proportion type 1	proportion type 2
2017 - 1	1	0	0	0	20.78	8.82	0	0
2017	1	0	0	0	20.78	8.82	0	0
2016 - 4	1	0	0	0	20.56	8.6	0	0
2016 - 3	3	0	0	33.33	15.73	9.57	33.33	33.33
2016 - 2	3	33.33	33.33	33.33	18.03	10.54	100	0
2016 - 1	3	66.67	0	33.33	12.39	10.3	100	0
2016	8	37.5	12.5	25	15.98	10.22	75	12.5
2015 - 4	2	50	0	0	17.42	9.4	50	0
2015 - 3	4	25	0	25	15.67	6.17	75	0
2015 - 2	3	33.33	0	33.33	14.63	8.92	66.67	0
2015 - 1	6	83.33	16.67	33.33	15.62	8.53	66.67	0
2015	8	62.5	12.5	37.5	15.51	8.1	75	0
2014 - 4	2	0	50	50	5.33	3.17	100	0
2014 - 3	5	20	20	40	14.83	6.28	80	20
2014 - 2	22	36.36	4.55	13.64	20.7	11.37	77.27	9.09
2014 - 1	18	38.89	11.11	27.78	18.66	9.35	77.78	5.56
2014	32	37.5	9.38	18.75	19.35	10.38	81.25	6.25
2013 - 4	3	66.67	0	0	13.66	10.38	66.67	33.33
2013 - 3	310	51.29	4.19	30	12.38	4.95	95.81	1.29
2013 - 2	424	50.47	4.25	29.01	12.32	4.97	96.93	0.94
2013 - 1	423	53.19	4.02	28.13	12.54	5.05	98.11	0.47
2013	486	51.85	3.91	27.57	12.69	5.16	95.88	1.03
2012 - 4	408	53.68	3.92	29.41	12.46	5.04	98.53	0
2012 - 3	420	54.76	3.81	28.1	12.62	5.08	98.33	0.95
2012 - 2	416	52.16	4.33	28.37	12.37	5.03	98.56	0.48
2012 - 1	417	53.72	4.08	27.1	12.32	4.96	98.56	0.48
2012	492	53.86	4.07	26.83	12.81	5.25	97.56	0.81
2011 - 4	416	53.61	3.85	26.92	12.24	4.95	98.32	0.72

System menu



- System settings
- Definition of lab units
- Watchdog-definitions
- Workstations
- Settings for medical report
- Text blocks
- Data reorganisation
- Error log

System settings

data of the institution	letters / outputs	reference values	input masks	path specifications	performance
-------------------------	-------------------	------------------	-------------	---------------------	-------------

data of the institution

programme licenced for	<input type="text" value="Testklinikum Ulm"/>
signature	<input type="text" value="Tes1"/>
phone number (medical report)	<input type="text" value="0731123456"/>
signature for all medical reports	<input type="text"/>
country	<input type="text" value="Germany"/>

country

name of institution

System settings – letters / output

data of the institution letters / outputs reference values input masks path specifications performance

medical report

orientation of the address ☒ left ☐ right

number of copies outpatient ↕

number of copies inpatient ↕

additional letter for patient ☐

save documents as PDF while printing ☐

path for exported documents



System settings – reference values

data of the institution | letters / outputs | **reference values** | input masks | path specifications | performance

reference values

Here you can select the standard values to use within patient's graphics and for SDS-calculation.

- weight, height, bmi
- ☐ Zurich study, Prader 1989
 - ☐ Düsseldorf study, Reinken 1992
 - ☐ AGA-study (until 18 ys.), Kromeyer-Hauschild 2001
 - ☐ AGA-study / national consumption study (until 79 ys.)
 - ☒ KiGGS-study (until 18 ys.), 2006
 - ☐ WHO, 2007

- blood pressure
- ☐ Second task force on blood pressure control in children
 - ☒ Pooled findings of six European studies, de Man 1991
 - ☐ KiGGS-study (until 18 ys.), 2006
 - ☐ Fourth Report, 2005

algorithm for eGFR Schwartz formula (paediatrics) (2009) ▼

User management

configuration

user management

signatures

User name	administrative rights	data entry	
hungele	✓	✓	<div>add new user</div> <div>edit user</div> <div>delete user</div>
ranz	✓	✓	
test		✓	

User name

current password

new password

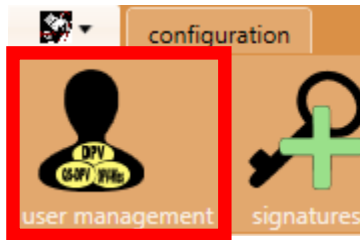
repeat new password

☐ administrative rights
☐ data entry and modification
☐ read only (no modification of data possible)

save

cancel

User management



User name	administrative rights	data entry	read only
hungele	✓	✓	
ranz	✓	✓	
test			✓

↑

administrative rights
(e.g. adding new users)

↑

data entry and modification

↑

read only

User name

current password

new password


repeat new password

☐ administrative rights

☐ data entry and modification

☐ read only (no modification of data possible)

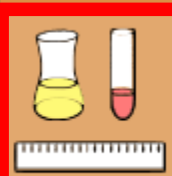
Definition of lab units




patient data

letters / outputs


system menu



system settings



workstations



settings for r



selection

date

01/01/1901

tips

Please adjust your individual settings on the predefined date (01/01/1901).

Please add a new record for every change during the documentation with the date from which on these settings should be valid.

Definition of units

laboratory parameters 1 laboratory parameters 2 additional lab values immunology others

date 01/01/1901 15

parameter unit input format normal range intended value
(valid characters: 9 .)

metabolic control

HbA1c	%	99.9			HbA1c normal range	<	7
blood glucose	mg/dl	999			-	150	
urine glucose	%				<		
bicarbonate	mmol/l	99.99			-		
βOH-butyrate	mmol/l	99.99			-		
C-peptide	ng/ml	99.9			-		
fructosamine	μmol/l	9999			-		
potassium	mmol/l	99.9	3.5		-	5.4	
sodium	mmol/l	999	135		-	145	

lipid values

lipids	mg/dl	999.9					
cholesterol					-	200	
HDL					-	40	
LDL					-	160	
triglycerides					-	170	
Lp(a)					-		

Are there any units missing?

Definition of units

laboratory parameters 1 laboratory parameters 2 additional lab values immunology others

date 01/01/1901 15

parameter unit input format
(valid characters: 9 .)

normal range

intended value

metabolic control

parameter	unit	input format
HbA1c	%	99.9
blood glucose	mg/dl	999
urine glucose	%	
bicarbonate	mmol/l	99.99
βOH-butyrate	mmol/l	99.99
C-peptide	ng/ml	99.9
fructosamine	μmol/l	9999
potassium	mmol/l	99.9
sodium	mmol/l	999

parameter	normal range	intended value
HbA1c	HbA1c normal range	< 7
blood glucose	150	
urine glucose		
bicarbonate		
βOH-butyrate		
C-peptide		
fructosamine		
potassium	3.5 - 5.4	
sodium	135 - 145	

lipid values

parameter	unit	input format
lipids	mg/dl	999.9

parameter	normal range	intended value
cholesterol	200	
HDL	40	
LDL	160	
triglycerides	170	
Lp(a)		

Definition of units

laboratory parameters 1 laboratory parameters 2 additional lab values immunology others

date 01/01/1901 15

parameter	unit	input format (valid characters: 9 .)	normal range	intended value
-----------	------	---	--------------	----------------

metabolic control

HbA1c	%	99.9			HbA1c normal range	<	7
blood glucose	mg/dl	999			-	150	
urine glucose	%				<		
bicarbonate	mmol/l	99.99			-		
βOH-butyrate	mmol/l	99.99			-		
C-peptide	ng/ml	99.9			-		
fructosamine	μmol/l	9999			-		
potassium	mmol/l	99.9	3.5		-	5.4	
sodium	mmol/l	999	135		-	145	

lipid values

lipids	mg/dl	999.9					
cholesterol					-	200	
HDL					-	40	
LDL					-	160	
triglycerides					-	170	
Lp(a)					-		

HbA1c normal range

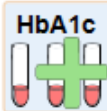
Definition for comparability
of HbA1c values

normal range

intended value

laboratory mean normal values for HbA1c value

valid since	mean	SD	normal range	method	manufacturer
01/01/2015	6.350	0.825	4.700 - 8.000 %	HPLC	Tosoh Bio Secence
01/01/1901	4.930	0.210	4.510 - 5.350 %	DCA 2000+	Bayer



valid since

☐ mean

standard deviation

☐ normal range

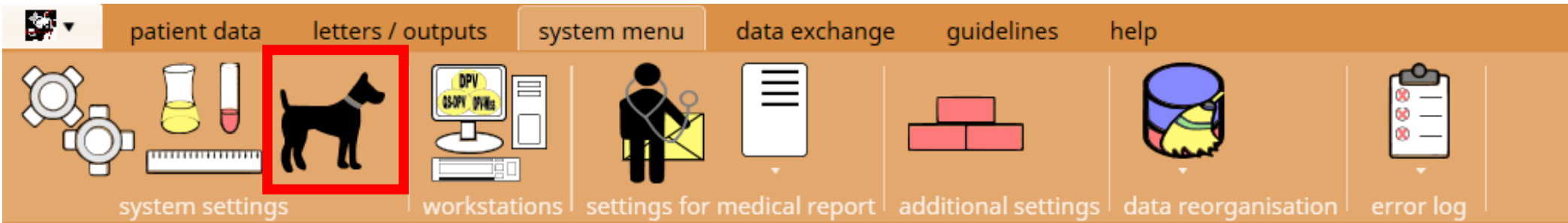
-

determination method

manufacturer



Watchdog-definitions



Watchdog-definitions

Checking the rules
for all patients



Enable/disable
watchdog



☐ filter validation to days (730 = 2 years)

checking the rules for all patients

watchdog

☒ watchdog enabled

contraindication medication

☒ Metformin <> renal insufficiency


intervention risk factors


☒ hypertension
☒ lipid metabolism

completeness diagnostics

☒ eye exam
☒ cholesterol measurement
☒ urine albumin screening
☒ HbA1c
☒ foot exam

Watchdog


 watchdog
 ✕




completeness diagnostics

Relating this patient...

- ... the eye examination is dated back more than 1 year.
- ... the cholesterol measurement is dated back more than 1 year.
- ... the last urine albumin screening is dated back more than 1 year.
- ... the last measurement of the HbA1c is dated back more than 1 year.
- ... the foot examination is dated back more than 1 year.

 watchdog
 ✕



intervention risk factors

Relating this patient...

- ... there is a high blood pressure without appropriate medication.
- ... there is a lipid metabolic disorder without appropriate medication.

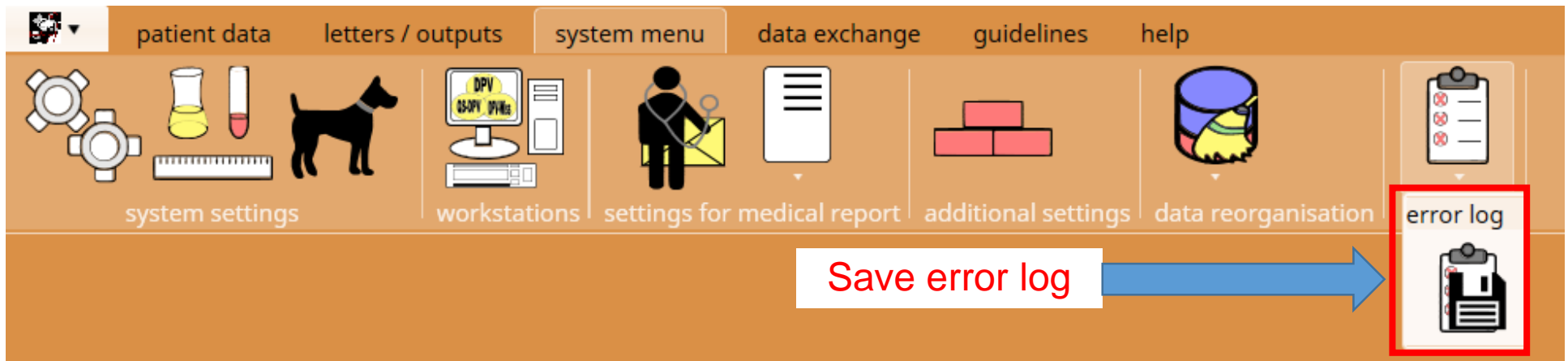
completeness diagnostics

Relating this patient...

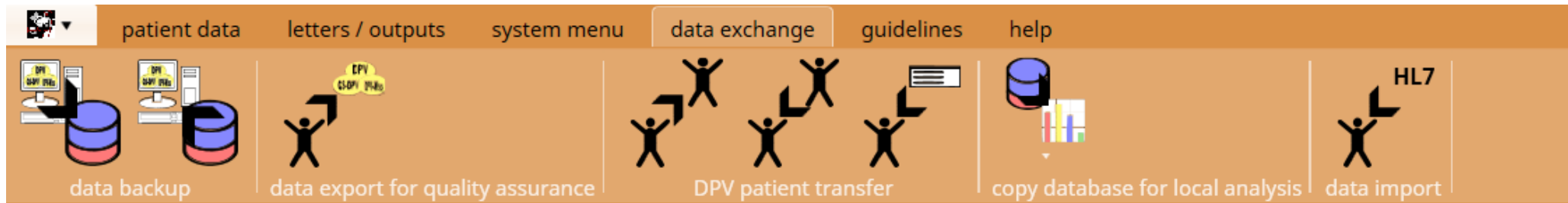
- ... the last urine albumin screening is dated back more than 1 year.
- ... the last measurement of the HbA1c is dated back more than 1 year.
- ... the foot examination is dated back more than 1 year.

In case of a problem ...

- Recent update installed?
- Contact us via e-mail or phone with the error message
- We can help you via remote maintenance (TeamViewer, Skype)
- Send us the error log file



Data exchange




- Create data backup
- Reset data backup
- Anonymised data export / benchmarking
- DPV patient transfer
- Copy database for local analysis
- Data import


Data backup

- Data backups are essential! You do not want to lose the data you documented.
- DPV automatically performs a data backup every seven days.
- You should perform a backup to another storage device (USB flash drive, external drive) every few days.
- Automatic data backup may be provided by your IT-department.




Data backup





data backup



data export





HL7



data backup

Please select directory:

D:\PEDA-QS

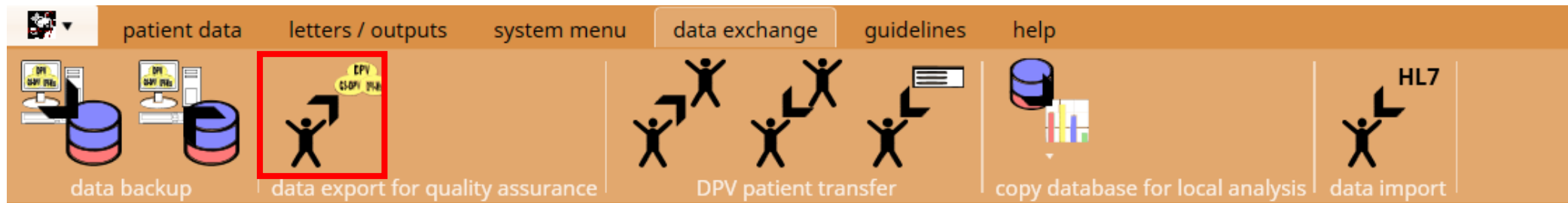
Filename of data backup is	fdpv_Tes1_20160401.zip
used disk space	387.82 GB
free disk space	77.93 GB sufficient storage space
available disk space	465.76 GB

Write permission okay.

Anonymised data export / benchmarking

- Data export for SWEET-benchmarking



Anonymised data export / benchmarking

- Data export for SWEET-benchmarking

anonymised data export

Please select directory:

C:\Users\rranz\Desktop

Filename of anonymised data export is

used disk space

free disk space

available disk space

Write permission okay.

afdvp_Tes1_20170306.zip

332.33 GB

132.98 GB

465.31 GB

efficient storage space

start export

destination for export

change destination

name of export file

free disk space in destination

permission to write files in destination

The screenshot shows a web-based interface for exporting anonymised data. It includes a directory selection field, a filename input, and a table of disk space usage. Annotations with blue arrows point to various elements: 'start export' points to the bottom left icons; 'destination for export' points to the directory field; 'change destination' points to a folder icon in the top right; 'name of export file' points to the filename input; 'free disk space in destination' points to the 'free disk space' row in the table; 'permission to write files in destination' points to the 'Write permission okay.' message; and 'efficient storage space' points to the '132.98 GB' value in the table.

Category	Value
used disk space	332.33 GB
free disk space	132.98 GB
available disk space	465.31 GB

Anonymised data export / benchmarking



finished anonymised data export



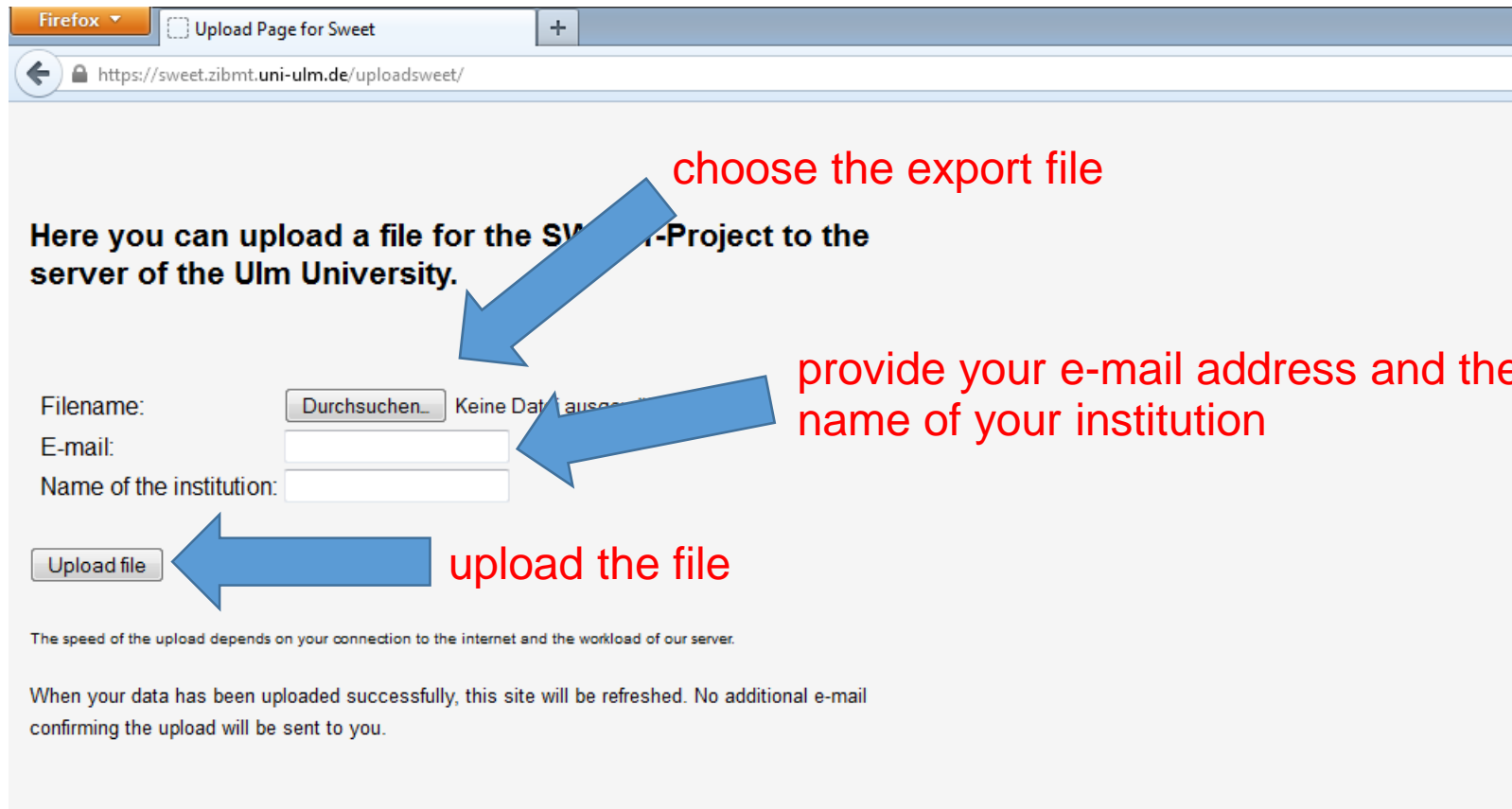
Thank you for exporting your anonymised data!

Please use our upload-site for transferring your anonymised data: [link for the upload](#)

You can reach us by phone if you have questions or problems at +49 731 50-25316

Data transfer to Ulm University

- Encrypted upload via browser to server at Ulm University:
<https://sweet.zibmt.uni-ulm.de/uploadSweet/>



The screenshot shows a Firefox browser window with the address bar displaying <https://sweet.zibmt.uni-ulm.de/uploadSweet/>. The page content includes the heading "Here you can upload a file for the SWEET-Project to the server of the Ulm University." and three input fields: "Filename:" with a "Durchsuchen..." button, "E-mail:", and "Name of the institution:". Below these is an "Upload file" button. Three blue arrows with red text annotations point to these elements: one to the "Durchsuchen..." button labeled "choose the export file", one to the "E-mail:" and "Name of the institution:" fields labeled "provide your e-mail address and the name of your institution", and one to the "Upload file" button labeled "upload the file". At the bottom, there is a note: "The speed of the upload depends on your connection to the internet and the workload of our server." and another note: "When your data has been uploaded successfully, this site will be refreshed. No additional e-mail confirming the upload will be sent to you."

Firefox Upload Page for Sweet

https://sweet.zibmt.uni-ulm.de/uploadSweet/

Here you can upload a file for the SWEET-Project to the server of the Ulm University.

Filename: Keine Datei ausgewählt

E-mail:

Name of the institution:

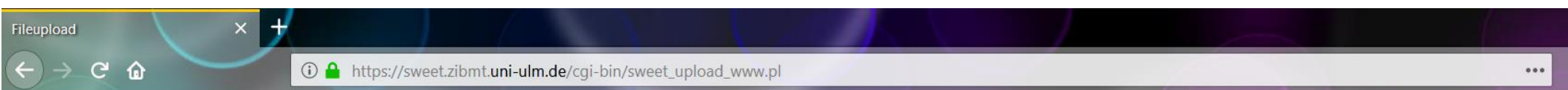
upload the file

The speed of the upload depends on your connection to the internet and the workload of our server.

When your data has been uploaded successfully, this site will be refreshed. No additional e-mail confirming the upload will be sent to you.

Data transfer to Ulm University

The file will be transferred to our server.
This may take a while.



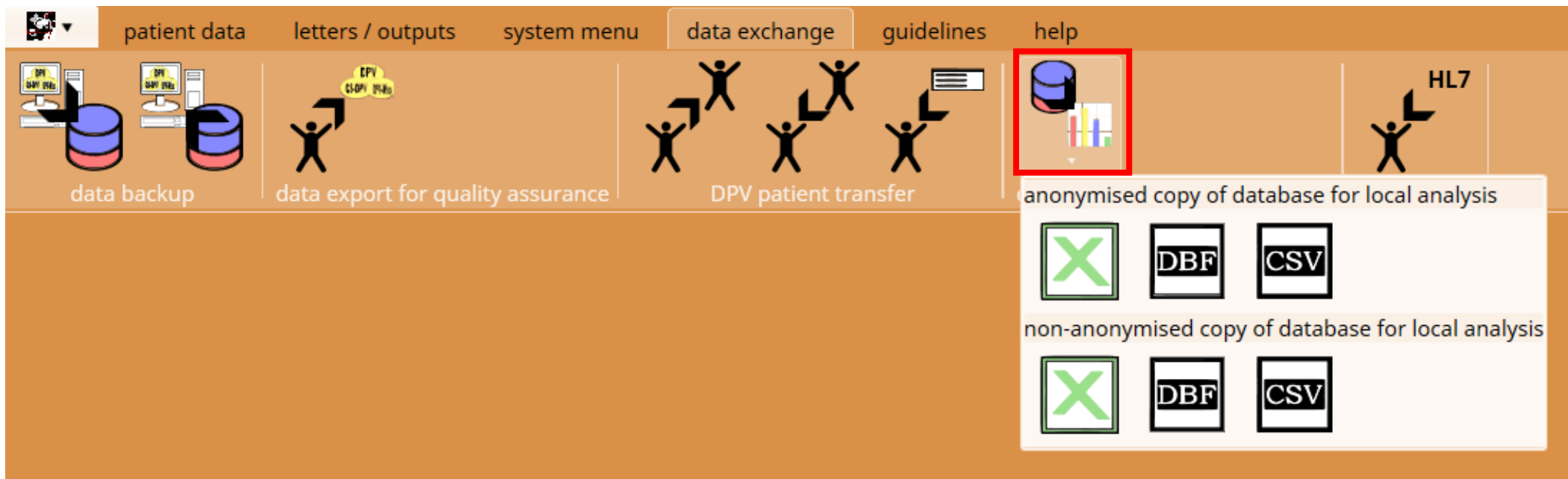
The file Test_SWEET.txt has been uploaded successfully.

No additional e-mail confirming the upload will be sent to you.

The integrity of your data will be checked as soon as possible. We will contact you if there are any problems.

Copy database for local analysis

- Anonymised or non-anonymised
- Excel, DBF or CSV



Copy database for local analysis

- Separate file with table description

mitbetr.xls
mukovis.xls
neuropat.xls
patmemo.xls
psychsoz.xls
pumpe.xls
reha.xls
rrlang.xls
schulung.xls
sono_sd.xls
stat3.xls
tables_description.txt
teste.xls
ualbumin.xls
uberweis.xls
vaskul.xls






freiins - non-standard insulin regimen
gehirn - brain
herz - heart
hyperthy - hyperthyroidism
ict - ICT
laborz1 - additional lab values
leber - ultrasound criteria for NAFLD
medikat - medication
minimalins - minimal documentation
mischins - mixed insulin
mitbetr - psychological - psychiatric care
mukovis - cystic fibrosis
neuropat - neuropathy
patmemo - note
psychsoz - psychosocial environment
pumpe - pump

- Export to MS-Excel: Description of fields on second sheet

12	b_be18	Dinner (previously): distribution of	
13	b_be20	late (previously): distribution of	
14	b_ges_kal	therapy: up to now: total calories	
15	e_be07	Breakfast (recommended): distribution of	
16	e_be09	first snack (recommended): distribution of	
17	e_be10	second snack (recommended): distribution of	
18	e_be12	Lunch (recommended): distribution of	
19	e_be15	third snack (recommended): distribution of	
20	e_be18	Dinner (recommended): distribution of	
21	e_be20	late (recommended): distribution of	
22	e_ges_kal	therapy: recommendation: total calories	
23	pat_nr	patient id	
24	signatur	signature	
25	name	last name	
26	vorname	first name	
27	k_a_s2	morning (previously): rapid acting insulin	
28	k_a_s3	noon (previously): rapid acting insulin	
29	k_a_s4	evening (previously): rapid acting insulin	
30	k_a_s5	late (previously): rapid acting insulin	
31	k_a_l2	morning (previously): its long acting insulin	
32	k_a_l3	noon (previously): its long acting insulin	
33	k_a_l4	evening (previously): its long acting insulin	
34	k_a_l5	late (previously): its long acting insulin	

help

 patient data letters / outputs system menu data exchange guidelines help



help

Interested in using DPV?

- Demo version can be downloaded via <https://sweet.zibmt.uni-ulm.de/software.php>
- Instructions for DPV



DPV for SWEET

[Download DPV for SWEET](#) (Version 7.50.005 from 20/03/2018, 151.3 MB)

Short installation instruction: [installation instruction](#)

Short instruction for DPV for SWEET: [instruction](#)

Overview of DPV for SWEET: [overview](#)

Move DPV for SWEET to another computer: [move instruction](#)

Questionnaire for centers starting with DPV for SWEET: [questionnaire](#)

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Interested in using DPV?

- One setup file for installation / update
- Simple installation programme
- No fee for software and support for SWEET members
- Contact us for signature file

Suggestions, ideas, wishes

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