

# One solution

— No fuss



EMR

# About diasend®

*diasend® is a standalone system for easy uploading of information from most glucose meters, insulin pumps and CGMs.*

## diasend® System

With the diasend® System data will be consolidated and presented at [www.diasend.com](http://www.diasend.com) - without requiring any software installation. All you have to do is plug Transmitter into an electrical outlet and you are ready to upload data. The data is presented in a clear and structured way on a secure website through graphs, tables and statistics and the information can be viewed on any computer with Internet access. Data is divided over 5 main areas (tabs) including Glucose, CGM, Insulin, Comparison and Compilation.



## Cloud based

Patients and care providers see the same data, which can be viewed on any computer connected to the Internet.

## 1. Plug Transmitter into your outlet



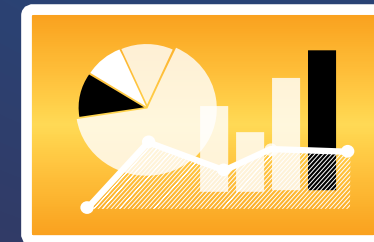
## 2. Connect the device to Transmitter

Use the appropriate USB cable, bluetooth or infrared eye. Instantly uploaded to diasend.com.

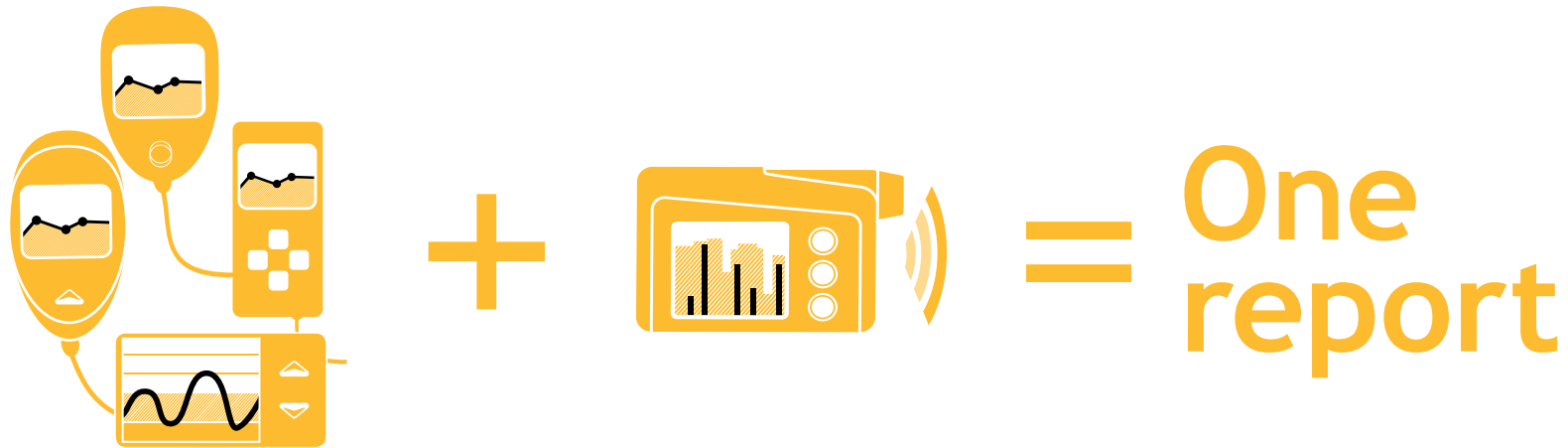


## 3. Log in at diasend.com

View tables and graphs and send to your Electronic Medical Record (EMR).



# Consolidated reports to your EMR



## One report for all devices

Consolidates data from multiple glucose meters, CGMs and insulin pumps into one single report, irrespective of device brand.



111111  
00000000  
111111111111  
00000000  
111111



## Send data to EMR

Seamless integration from diasend® to your clinic's Electronic Medical Record (EMR).

# Contents

*You can find a selection of our reports in this reference guide.*

*In addition to these you can find the following reports in our system:*

*Glucose Logbook/table*

*Glucose Day by day*

*Glucose Meter alarms*

*CGM Trend*

*CGM Day by day*

*Insulin Trend*

*Insulin Day by day*

*Insulin Pump alarms*

## Glucose

- 7. Glucose Standard day**  
Patterns of high and low glucose readings over a customized period
- 8. Glucose Trend**  
Glucose readings plotted in a graph
- 9. Glucose Meter settings**
- 10. Before and after meal settings**  
How to set meal times for individual patients

## CGM

- 11. CGM Standard day**  
CGM data displayed in a box plot graph
- 12. CGM Statistics**  
Detailed CGM statistics over a 24 hour period

## Insulin

- 13. Insulin Week**  
Shows daily and weekly basal and bolus distribution
- 15. Insulin Bolus doses**  
Daily bolus doses displayed in a graph
- 16. Insulin Pump settings**
- 17. Insulin Pump settings - Compare pump settings**  
View and compare pump settings from the latest uploads
- 18. Insulin Bolus adherence**  
Log of when pump recommended boluses have been overridden

## Comparison

- 19. Comparison Logbook/table**  
Consolidated data from insulin pumps, glucose meters and CGMs in a logbook view
- 20. Comparison Day by day**  
Consolidated data from insulin pumps, glucose meters and CGMs displayed in tables and graphs. You can also view a PDF report with two weeks of data on one page

## Compilation

- 21. Compilation report**  
A summary of aggregated data from glucose meters, insulin pump and CGMs

## PDF Wizard

- 22. PDF reports**  
Choose any variety of the above reports and create a PDF to view on paper
- 23. PDF Wizard**  
How to set up a favourite PDF report profile

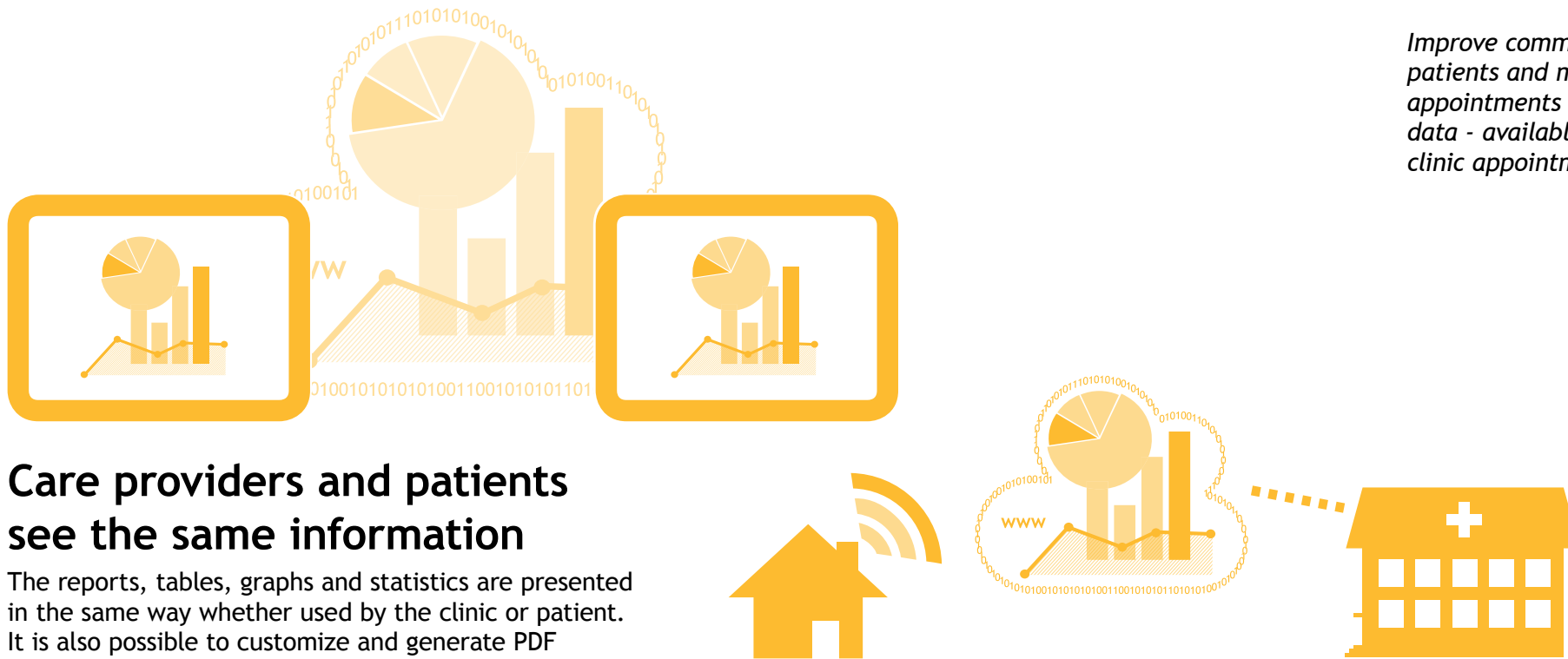
**Information:** diasend® is indicated for use by individuals or healthcare professionals in the home or health care facilities for transmitting data from home monitoring devices such as glucose meters and insulin pumps to a server database to support diabetes management. The device is indicated for professional use and over-the-counter sales.

At diasend.com data is displayed in graphs, tables and statistics. The following pages will display some of these reports and graphs you can view in diasend®. Please note that this is a general overview of the available reports in diasend®. All features and type of devices are not available in all countries and may therefore affect what you can view at diasend.com.

Please visit [www.diasend.com](http://www.diasend.com) for current update regarding features, FDA cleared and compatible devices in your specific country.

# Viewing data

*Improve communication with patients and maximize clinic appointments by seeing the same data - available even before the clinic appointment starts.*



## Care providers and patients see the same information

The reports, tables, graphs and statistics are presented in the same way whether used by the clinic or patient. It is also possible to customize and generate PDF reports which you can print and/or save.

## Free Patient uploads from home

Patients can upload their data at home for their care provider. The data will be ready to view when the appointment starts, reducing time spent on uploads and maximizing valuable clinical face time.

# Report information

*diasend® gives you increased accessibility to glucose readings, insulin doses and CGM data.*

*This gives the user the ability to become more involved in their diabetes management and care. diasend® is easily customized, giving the individual patient and HCP only the data they are looking for. Our customization ultimately allows for a more effective conversation between the patient and the HCP.*

## **Compilation Report**

Allows the user to get an overall picture of the data uploaded for that time period.

## **Glucose Standard Day Report**

This report can be used to identify patients who are not testing regularly and/or look at different time periods to identify problems.

## **CGM Reports**

These reports will clearly display data to help assist the HCP in identifying problem areas and/or times for each patient. You can use the CGM Standard Day report to identify the range of CGM readings by the time of day or look at the CGM statistics to check SD and averages by the hour.

## **Day to Day Report**

Displays data so that the HCP can easily compare different hours of the day, or weekdays against weekends. This may help the patients identify activities or events that have influenced their values.

## **Insulin Bolus Dose Report**

This report will help the HCP check for patterns of how the patient is bolusing. This will help identify when the patient is doing well and where they need to improve.

## **Bolus Adherence Report**

Will help the HCP to easily see what the pump has calculated for the patient's bolus against what the patient actually delivered.

## **Insulin Pump Settings Report**

Allows you to view historical data to easily compare and contrast pump settings from different time periods.

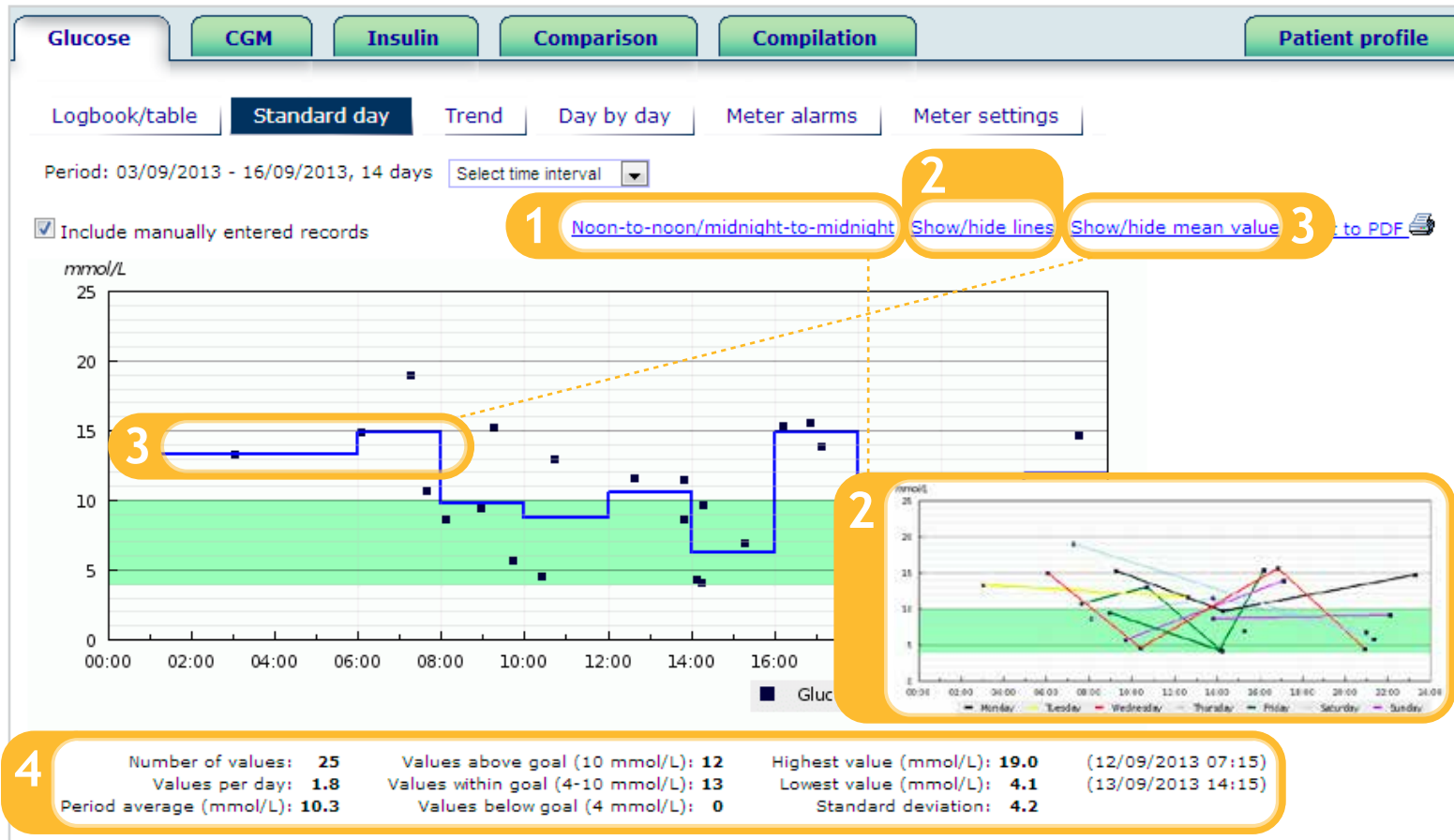
## **The Comparison Logbook/table Report**

This report gives the HCP insight into glucose measurement, carb intake and cannula fills, as well as boluses, priming, and suspend events, which assists in evaluating events by time and day (and may aid in identifying patterns). This report view also displays ketones if this is saved in the meter.

## **Settings Tab**

The HCP can easily change the default blood glucose target range for the clinic and also individual patients as well as setting up customized PDF reports.

# Glucose Standard day



An overview of glucose readings plotted by time during a standard 24 hour day.

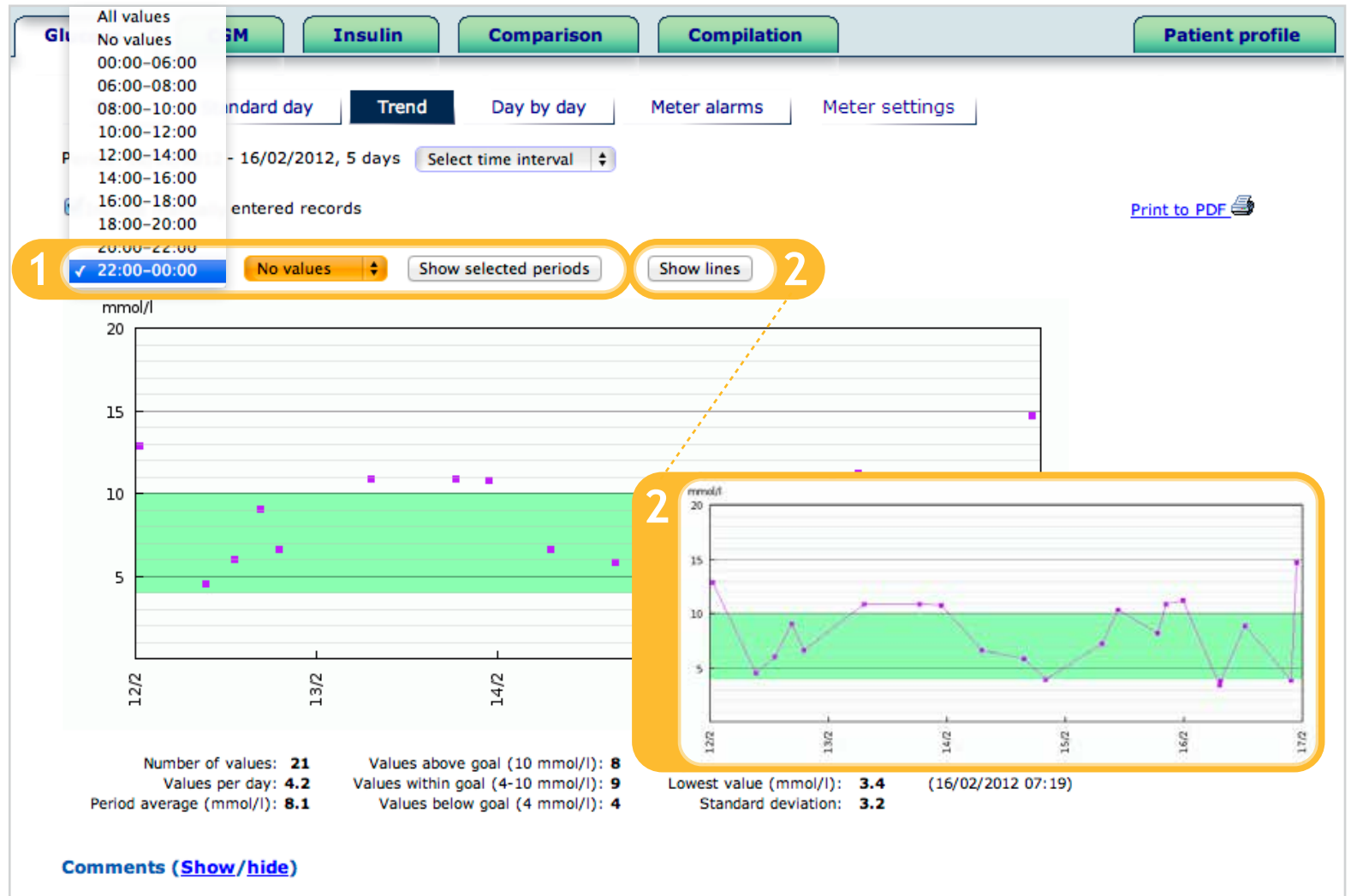
- 1 You can select a midnight-to-midnight or noon-to-noon view over the selected date range.
- 2 You can choose to show lines to connect the values relating to each day of the week in different colors.
- 3 View the mean value by clicking on this link.
- 4 Statistics can be found at the bottom of each report.

# Glucose Trend

This displays a trend overview of glucose readings by date.

1 This view also offers the possibility to look at values during specific time periods such as before or after meals.

2 Click here to Show lines.





# Glucose Meter settings

Glucose CGM Insulin Comparison Compilation Patient profile

Logbook/table Standard day Trend Day by day Meter alarms Meter settings

Meter settings for Serial number: JAMR244-K0019 [Print to PDF](#)

**1** **General**

Setting	Value
Insulin Calculator	Advanced
Insulin Log Feature	Off
Notes Feature	Off
Dose Increments	1 U
Correction Target Type	Range
Food unit	Grams of carbs

**Correction target (Range)**

Setting	Value
All day	5 mmol/L - 8 mmol/L

**Correction factor**

Setting	Value
All day	2.7 mmol/L

**I:C (g option)**

Setting	Value
Morning	10 g
Midday	12 g

**2** **General**

Setting	Value
Meal excursion	4.2 mmol/L
Snack limit	20 g
Active timeout	02:45:00
Offset timeout	01:30:00

**Health events**

Setting	Value
Exercise 1	-25 %
Exercise 2	-42 %
Stress	22 %
Illness	33 %
Premenstrual	16 %

**Timeblock**

Setting	00:00 - 06:30	06:30 - 12:30	12:30 - 18:30	18:30 - 22:30	22:30 - 00:00
Target interval min	3.8 mmol/L	4 mmol/L	4.4 mmol/L	3.5 mmol/L	4.4 mmol/L
Target interval max	6.6 mmol/L	8.1 mmol/L	8.2 mmol/L	8.5 mmol/L	6.7 mmol/L
Carb ratio, insulin	1.9 U	2.6 U	2.1 U	2.5 U	2 U
Carb ratio, carbs	11 g	13 g	14 g	15 g	12 g
Insulin sensitivity, insulin	0.9 U	0.7 U	3.1 U	1.8 U	50 U
Insulin sensitivity, carbs	2.9 mmol/L	0.4 mmol/L	54.3 mmol/L	3.3 mmol/L	36 mmol/L

This shows the settings for meters that have advanced settings activated.

Meter settings data is displayed in different formats depending on the device that is uploaded.

- 1 Example of the meter settings from the Freestyle InsuLinx.
- 2 Example of the meter settings from the Aviva Combo.

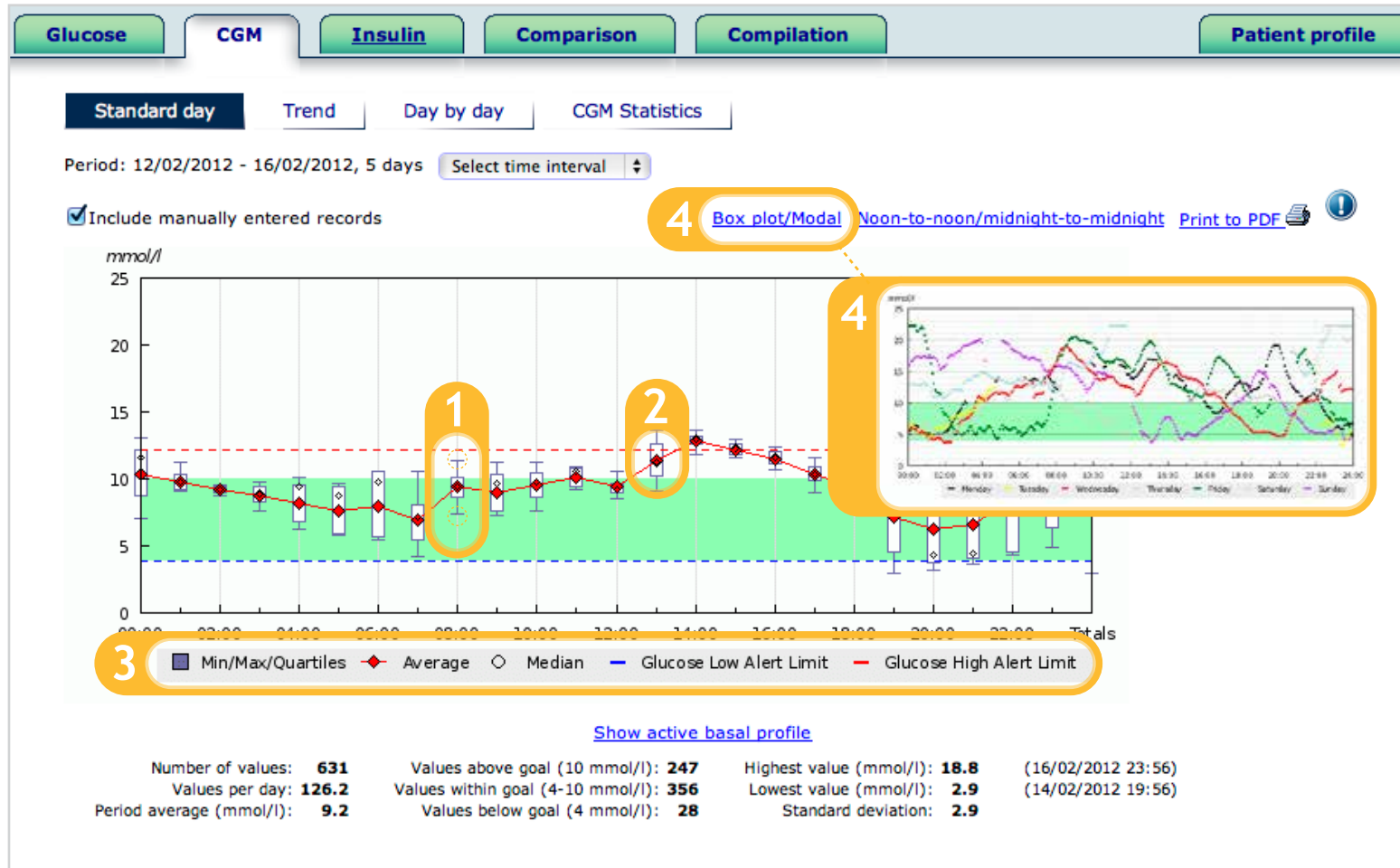
# Before and after meal settings

You can choose if you want to display time intervals, or you can set it to show before and after meal times. You will see this in the Compilation (page 21) and Glucose Trend (page 8) reports.

- 1 Click on the Patient profile tab.
- 2 Expand the registration form to set the meal times for the patient.
- 3 Click on permanent intervals.
- 4 Set the meal times.
- 5 Click to save the information.

The screenshot shows a web interface for patient registration. At the top, there are tabs for 'Glucose', 'CGM', 'Insulin', 'Comparison', and 'Compilation'. The 'Patient profile' tab is selected and highlighted with a yellow circle and the number '1'. Below the tabs, there is a note: '(\*) means that the fields are compulsory'. To the right, there are links for 'Expand registration form' (highlighted with a yellow circle and '2'), 'Print to PDF', and a printer icon. The main form area is divided into sections. The 'Name' section has three input fields: 'First name (\*)' with 'John', 'Last name (\*)' with 'Smith', and 'Personal ID'. Below this is the 'Intervals' section. It has two radio buttons: 'There are no permanent intervals for the patient (default setting)' and 'Permanent intervals' (selected and highlighted with a yellow circle and '3'). Below the radio buttons, there are two dropdown menus for 'The intervals durations before meals' and 'The intervals durations after meals', both set to '1'. Below these are two columns of time pickers for 'Weekdays' and 'Weekends'. The 'Weekdays' column has four rows: 'When does the patient have breakfast?' (06:30), 'When does the patient have lunch?' (12:00), 'When does the patient have dinner?' (18:00), and 'When does the patient go to bed?' (22:00). The 'Weekends' column has two rows: 'When does the patient have breakfast?' (07:30) and 'When does the patient have dinner?' (18:00). The entire time picker area is highlighted with a yellow circle and '4'. At the bottom of the form, there is a 'Save patient information' button (highlighted with a yellow circle and '5') and a note: 'Save patient information' below - Don't forget to print out a copy of this information to the patient.

# CGM Standard day



This shows the CGM curve in a box plot diagram over a 24 hour standard day allowing to view the range of CGM readings by the time of day as well as the active basal profile. Box plot shows the distribution of values per hour of the day, spanning over multiple days.

- 1 The whiskers represent the highest (25%) and lowest (25%) values available in that hour. The ends of the "whiskers" represent the minimum and maximum value.
- 2 The white box represents the middle 50% of the values available in that hour.
- 3 The median is the value in the middle of the value series. The average of the series is also shown.
- 4 You can click on this link to see the Modal view.

# CGM Statistics

This table includes detailed CGM statistics over the time period selected by hour of the day.

- 1 Statistics from a particular hour of the day is highlighted.

Glucose
**CGM**
Insulin
Comparison
Compilation
Patient profile

Standard day
Trend
Day by day
**CGM Statistics**

Period: 12/02/2012 - 16/02/2012, 5 days Select time interval ▾

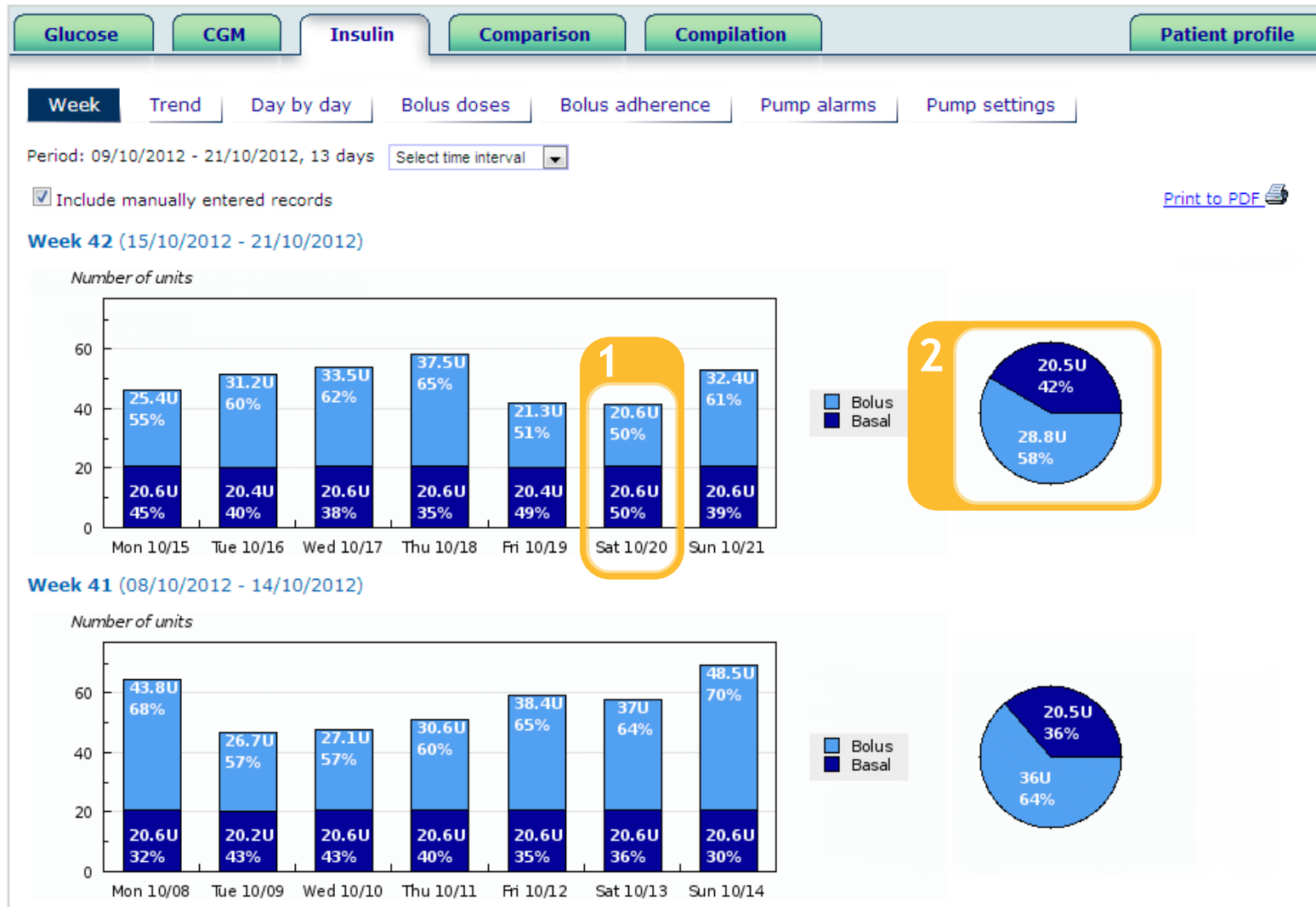
Include manually entered records

	00	01	02	03	04	05	06	07	08	09	10	11
# of CGM Readings	24	24	24	24	24	24	24	24	22	24	24	24
Median CGM Value	11.6	9.8	9.2	8.9	9.4	8.8	9.8	7.2	9.4	9.7	9.8	10.6
Avg CGM Value	10.3	9.8	9.2	8.8	8.2	7.6	8	6.9	9.4	9	9.5	10.1
Min	7	9.1	8.7	7.6	6.3	5.8	5.5	4.2	7.4	7.3	7.6	9.2
25% Quartile	12.2	10.3	9.4	9.4	9.6	9.4	10.6	8.1	10.1	10.3	10.5	10.8
75% Quartile	8.7	9.2	9	8.3	6.8	5.9	5.7	5.4	8.6	7.6	8.6	9.4
Max	13.1	11.3	9.6	9.8	10.1	9.7	10.6	10.6	11.4	11.2	11.3	10.9
SD	2.1	0.6	0.2	0.7	1.4	1.7	2.4	2.1	1.1	1.4	1.2	0.7

	12	13	14	15	16	17	18	19	20	21	22	23	Totals
# of CGM Readings	24	24	24	24	24	24	23	35	36	36	35	36	631
Median CGM Value	9.2	11.3	13	12.3	11.6	10.3	9.4	8	4.3	4.4	9.4	13.5	9.5
Avg CGM Value	9.4	11.4	12.8	12.2	11.5	10.3	9.3	7.2	6.3	6.6	8.5	12.1	9.2
Min	8.5	9.1	11.8	11.6	10.7	9	8.7	2.9	3.2	3.6	4.3	4.9	2.9
25% Quartile	9.7	12.6	13.2	12.6	12.1	10.9	9.6	9.1	11.2	10.8	11.7	16.6	11
75% Quartile	9	10.2	12.6	11.8	11.1	9.9	8.9	4.6	3.7	4.1	4.5	6.4	7.7
Max	10.6	13.6	13.6	13	12.4	11.6	9.9	10.9	11.7	12.6	15.4	18.8	18.8
SD	0.6	1.4	0.4	0.5	0.6	0.7	0.4	2.4	3.4	3.6	3.6	4.8	2.9

# Insulin Week



Daily and weekly basal and bolus distribution.

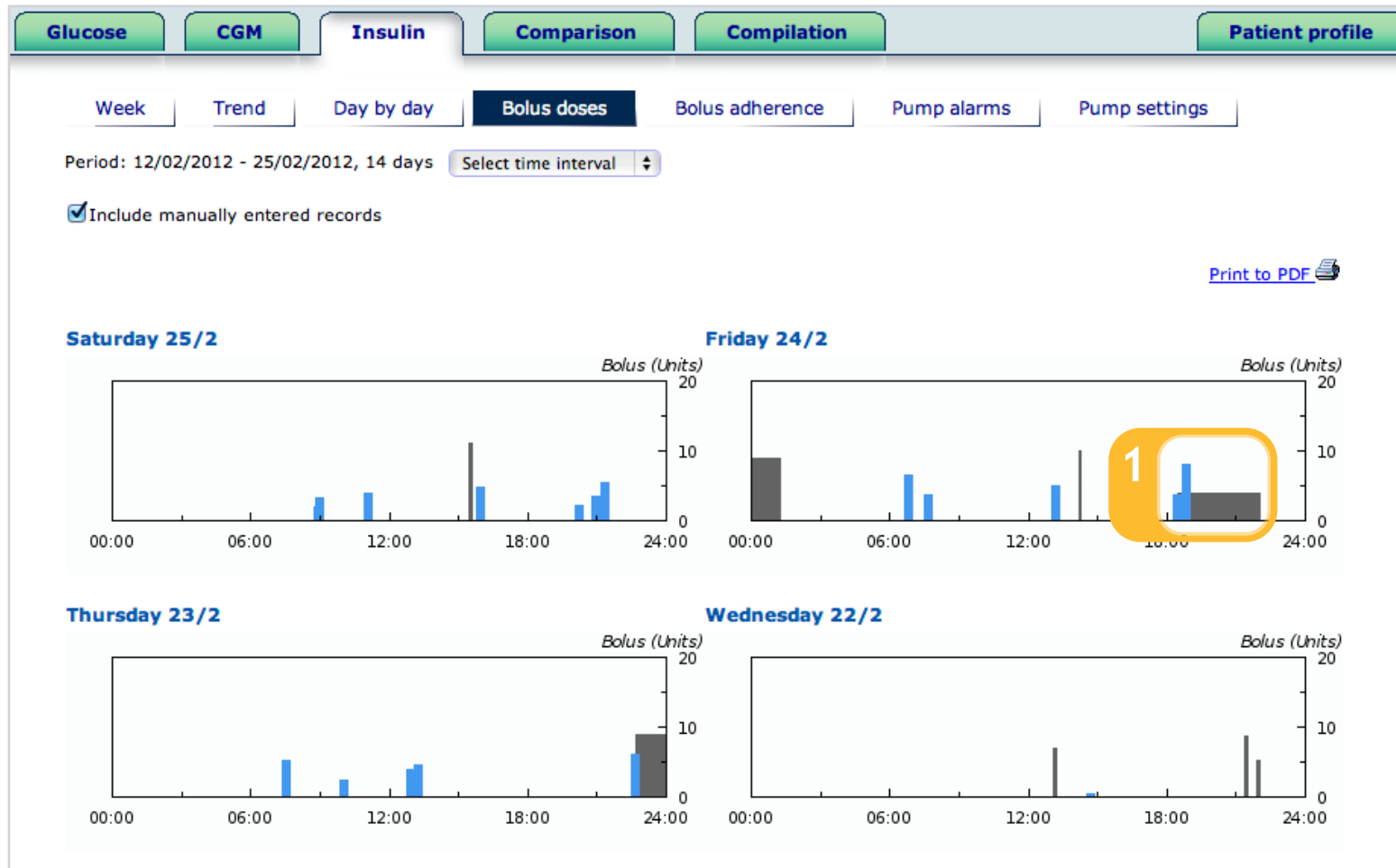
- 1 Daily basal-bolus numbers can be viewed in the bar graph.
- 2 You can view the insulin distribution for the week in the pie chart.

*“Since installing diasend in our department, use of data in the consultation process has changed from an occasional labour intensive process into a routine simple part of nearly all our consultations.”*

**— Dr. Iain Cranston**

Consultant Physician

# Insulin Bolus doses



*Bolus doses displayed in graph format to easily view daily bolus activity by time of day.*

*This graph gives you a general overview of the bolus doses over a period of time.*

*For example you can see gaps of missed boluses.*

- 1 A combo bolus may be used for higher fat meals providing a percentage of the dose immediately and then a slow infusion of insulin spread out over a set amount of time.

# Insulin Pump settings

This provides the information of the current and historical settings in the pump to easily review, compare and adjust as necessary.

- 1 You have the option of selecting and viewing the pump settings from every upload.
- 2 You can choose to print a comparison of the latest available pump settings (see page 17), or select to print the currently selected pump settings in an expanded version or in a minimized version where all pump settings are compressed onto 1 page (see page 22 for an example). All reports are generated as PDF files.
- 3 You can view the Bolus, Basal, General and CGM settings. In this report you can also view I:C ratio, ISF and glucose target ranges.

The screenshot shows the 'Insulin' tab selected in a navigation bar. Below it are sub-tabs for 'Week', 'Trend', 'Day by day', 'Bolus doses', 'Pump alarms', and 'Pump settings'. A date range filter is set to 'Period: 02/01/2013 - 15/01/2013, 14 days'. A dropdown menu shows '19/02/2013 15:50 (Europe/Stockholm)'. Three print options are available: 'Print comparison of pump settings to PDF', 'Print to PDF on 1 page', and 'Print expanded to PDF'. Three numbered callouts point to the 'Bolus', 'General', and 'CGM Settings' sections.

Setting	Value
Audio Bolus Enable	Disabled
Audio Bolus Stepsize per program keypress	1.0 U
Advanced Bolus Options enable	Enabled
Bolus Reminder Options enable	Disabled
Bolus Delivery Speed	Slow
Max Bolus	35 U

Setting	Value
Max Basal	25 U/h
Max Total Daily Dose	600 U
Active basal program	1

Setting	Value
Language Selection Index	5
Last Keypress to display timeout	60
Auto-Off Enable	Disabled
Auto-Off Timeout	12 h
Max 2-Hr limit	100 U
Occlusion Sensitivity Level	Low
Insulin-On-Board	Enabled
Insulin-On-Board Duration	2.5 h
Sick days, BG over limit	13.3 mmol/L
Sick days, check ketones	4 h
Sick days, check BG	2 h
Low Cartridge Warning Level	20 U
Time format	24 h
BG unit	mg/dl

Setting	Value
Transmitter Sound Level	Vibration
Other Sound Level	Vibration
Glucose High Alert Limit	11.1 mmol/L
Glucose Low Alert Limit	3.3 mmol/L
Glucose Rise Alert Limit	0.2 mmol/L
Glucose Fall Alert Limit	0.2 mmol/L
Glucose Low Alert Snooze Time	30 min
Glucose High Alert Snooze Time	60 min
Transmitter Out of Range Alert Snooze Time	201 min
Glucose Low Enable	Enabled
Glucose High Enable	Enabled
Glucose Rise Enable	Disabled
Glucose Fall Enable	Disabled



# Compare pump settings

Page 1 of 5

Patient: Tim Smith  
 Patient ID: 8506048965  
 Print date: 06/10/2013

Date interval: 09/08/2012 to 06/08/2013  
 Number of days: 274

Glucose meters: -  
 Insulin pumps: 00-00000-00  
 Combination device: -

**Insulin: Compare pump settings**  
 Insulin pump settings for serial number 00-00000-00. The report compare the latest 8 uploads from pump. Changes are marked.

Uploading date:	9/8/2012	10/20/2012	11/24/2012	12/2/2012	1/15/2013	3/8/2013	4/2/2013	6/8/2013
<b>BOLUS</b>								
Audio Bolus Enable	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Audio Bolus Stepsize per program keypress	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Advanced Bolus Options enable	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Bolus Reminder Options enable	Enabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Bolus Delivery Speed	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Max Bolus	16 U	8 U	16 U	16 U	16 U	8 U	16 U	16 U
<b>BASAL</b>								
Max Basal	5 U/h	5 U/h	5 U/h	5 U/h	5 U/h	5 U/h	5 U/h	5 U/h

**Basal profiles - Program:1**

Upload date		10/20/2012			
9/8/2012		Interval	Start	Rate	
1	00:00:00	1	00:00:00	0,375	
2	03:00:00	2	03:00:00	0,55	
3	08:00:00	3	08:00:00	0,875	
4	12:00:00	4	12:00:00	0,7	
5	15:00:00	5	15:00:00	0,6	
6	19:00:00	6	19:00:00	0,675	
7	21:00:00	7	21:00:00	0,6	
8		8			
9		9			

**ISF programs**

Upload date		10/20/2012			
9/8/2012		Start	[mmol/l]	Start	[mmol/l]
1	00:00:00	3		00:00:00	3,5
2	05:00:00	2		05:00:00	2
3	11:00:00	2,5		11:00:00	3
4	16:00:00	2		16:00:00	2
5	19:00:00	3		19:00:00	3

Sick days, check BG	2 h	2 h	2 h	2 h	2 h	2 h	2 h	2 h
Low Cartridge Warning Level	20 U	10 U	20 U	20 U	20 U	10 U	20 U	20 U
Time format	12 h	12 h	12 h	12 h	12 h	12 h	12 h	12 h
BG unit	mmol/l	mmol/l	mmol/l	mmol/l	mmol/l	mmol/l	mmol/l	mmol/l

This report shows the pump settings from the latest uploads. You can easily compare changes between uploads.

- 1 The date of the upload is indicated in the top row.
- 2 For ease of reference all changes, compared to the latest uploads to diasend®, are highlighted in the report.

# Insulin Bolus adherence

Log of when bolus overrides have occurred. This displays:

- 1 Insulin actually delivered.
- 2 Calculated units of insulin.
- 3 Bolus Type.
- 4 You can view the pre-bolus BG reading.
- 5 You can view the post-bolus BG following a bolus override.

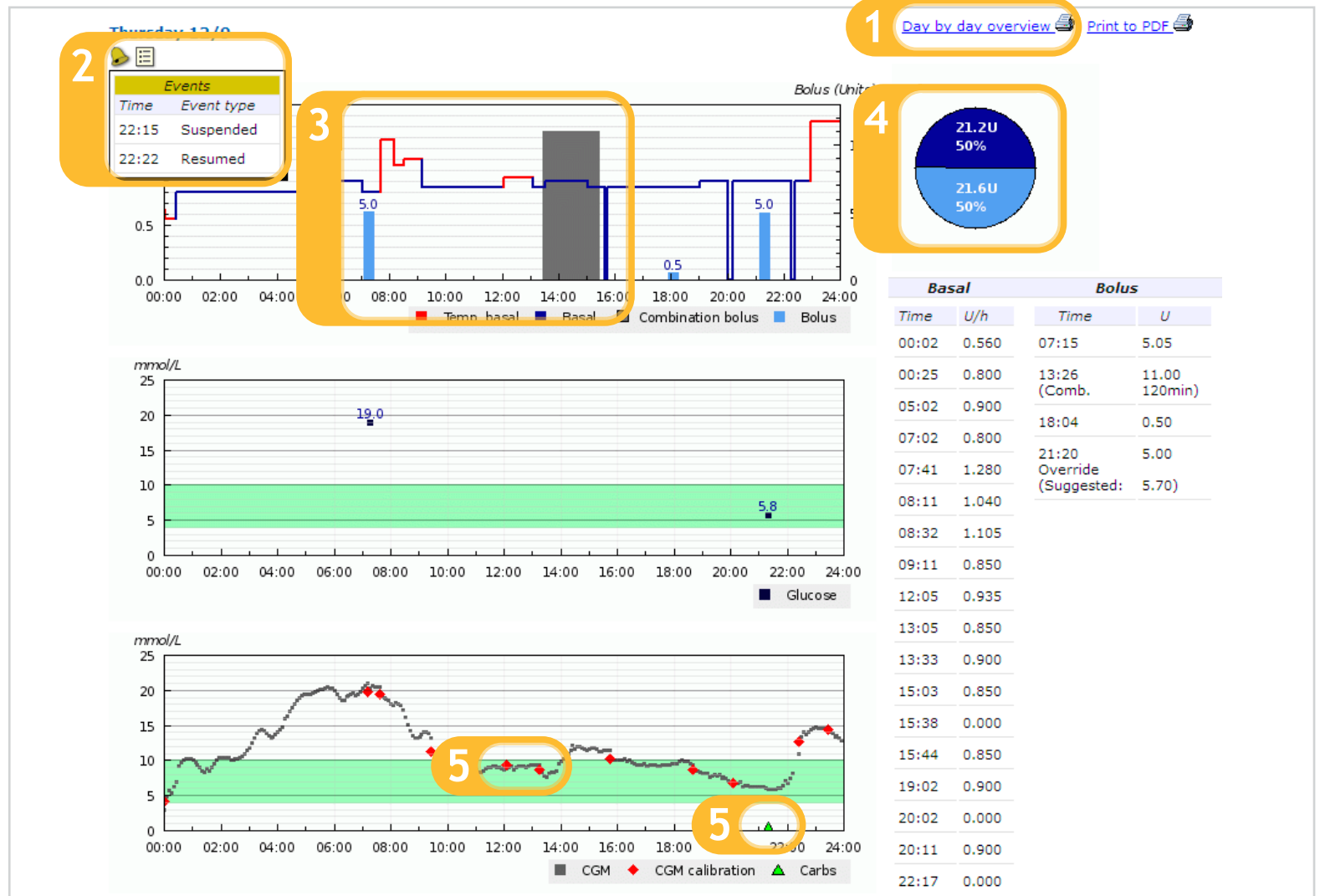
<span>Glucose</span> <span>CGM</span> <span>Insulin</span> <span>Comparison</span> <span>Compilation</span> <span>Patient profile</span>							
<span>Week</span> <span>Trend</span> <span>Day by day</span> <span>Bolus doses</span> <span><b>Bolus adherence</b></span> <span>Pump alarms</span> <span>Pump settings</span>							
Period: 01/02/2013 - 28/02/2013, 28 days <span>Select time interval</span>							
<input checked="" type="checkbox"/> Include manually							
Date	Time	Delivered (U)	Calculated (U)	Bolus Type	Duration (min)	Pre-Bolus BG (mmol/L)	Post-Bolus BG (mmol/L)
02/02/2013	17:47	2.35	4.20	ezBG		02/02/2013 17:47 : 29.2	02/02/2013 18:32 : 15.3
03/02/2013	04:37	1.45	1.40	ezBG		03/02/2013 04:35 : 21.8	03/02/2013 08:02 : 16.6
04/02/2013	10:13	6.80	6.75	ezCarb (Normal)		04/02/2013 10:13 : 5.4	04/02/2013 13:27 : 26.1
04/02/2013	21:08	10.00	9.70	ezCarb (Normal)		04/02/2013 21:08 : Hi	04/02/2013 22:17 : 23.7
05/02/2013	22:31	2.00	1.45	ezBG		05/02/2013 22:31 : 22.4	06/02/2013 08:31 : 11.7
06/02/2013	14:20	4.00	0.00	ezCarb (Normal)		06/02/2013 14:20 : 4.4	06/02/2013 15:51 : 22.3
06/02/2013	17:05	2.40	1.20	ezBG		06/02/2013 17:04 : 22.3	06/02/2013 19:50 : 14.7
06/02/2013	20:09	6.00	6.05	ezCarb (Normal)		06/02/2013 20:09 : 14.6	06/02/2013 21:45 : 12.3
07/02/2013	13:53	15.00	12.70	ezCarb (Normal)		07/02/2013 13:53 : 4.4	07/02/2013 18:03 : 18.6
07/02/2013	18:06	12.95	13.00	ezCarb (Normal)		07/02/2013 18:06 : 13.1	07/02/2013 21:28 : 21.7
08/02/2013	12:17	15.00	16.40	ezCarb (Normal)		08/02/2013 12:15 : 15.5	08/02/2013 17:03 : 27.7
08/02/2013	17:05	5.25	5.10	ezBG		08/02/2013 17:03 : 27.7	08/02/2013 17:44 : 8.2
09/02/2013	23:31	5.85	2.55	ezBG		09/02/2013 23:31 : Hi	10/02/2013 08:55 : 9.3
11/02/2013	18:05	2.00	1.70	ezBG		11/02/2013 18:03 : 24.0	11/02/2013 22:06 : 15.6
14/02/2013	08:50	15.00	18.60	ezCarb (Normal)		14/02/2013 08:50 : 13.3	14/02/2013 12:24 : 18.8
14/02/2013	12:25	15.00	16.60	ezCarb (Normal)		14/02/2013 12:24 : 18.8	14/02/2013 13:27 : 7.1
15/02/2013	11:10	4.00	3.90	ezBG		15/02/2013 11:09 : 17.8	15/02/2013 11:54 : 13.5
16/02/2013	16:39	7.15	7.05	ezBG		16/02/2013 16:38 : 25.7	16/02/2013 20:05 : 7.8
18/02/2013	09:24	15.00	16.20	ezCarb (Normal)		18/02/2013 09:24 : 9.4	18/02/2013 13:15 : 11.4



# Comparison Day by day

This displays day by day view of consolidated data from insulin pumps, glucose meters and CGMs in table and graphs.

- 1 Click on this link to see a 2 week overview on one page (see page 22 for a sample)
- 2 Details of events and alarms can be seen if you hover over the icons above the graph.
- 3 The bolus and basal graph will display insulin data which includes basal rate, temporary basal rate, boluses doses, combination boluses, and doses of basal (long-acting) insulin.
- 4 You can view the daily total basal and bolus insulin distribution which is displayed in a separate pie chart.
- 5 You can view the carbs in this view as well as the CGM curve and calibrations if CGM has been uploaded.



# Compilation report

Glucose	CGM	Insulin	Carbs
<b>Average</b> <b>9.2</b> mmol/L	<b>Average</b> <b>8.3</b> mmol/L	<b>Average daily dose</b> <b>67.5 U</b>	<b>Average carbs / day</b> <b>203 g</b>
SD = 3.9 # = 73	SD = 3.3 # = 3304	SD = 9 # days = 14	SD = 40 # = 51
Avg # / day = 5.2	Avg # / day = 236	Avg # bolus doses/day = 6.6	Avg # / day = 3.6

3

Insulin doses summary	
Average daily insulin (U)	67.5
Standard deviation (SD)	9.4
Average daily basal (U)	32.9
Average daily bolus (U)	34.6
Average bolus doses/day	6.6
Average days between cannula fills	2.8
Average days between primes	2.9

A summary of aggregated data from glucose meters, insulin pumps and CGMs.

- 1 View average BG and SD by time of day.
- 2 View detailed CGM data such as average by time of day and AUC.
- 3 View detailed insulin pump and carb information such as average days between cannula fills.

**Glucose (mmol/L)**

Glucose values summary			
Average (mmol/L)			
Median (mmol/L)			
Highest value (mmol/L)			
Lowest value (mmol/L)			
Standard deviation (SD)			
Values per day			
Number of values			
Values above goal (10 mmol/L)			
Values within goal (3.9-10 mmol/L)			
Values below goal (3.9 mmol/L)			

Interval	Avg BG	# BG	SD
00:00-06:00	13.3	8	1.4
06:00-08:00	5	11	3
08:00-10:00	8.8	5	3
10:00-12:00	12.6	2	0.9
12:00-14:00	6.1	12	2.9
14:00-16:00	8.2	6	3
16:00-18:00	11.6	6	1
18:00-24:00	10.4	9	4.6

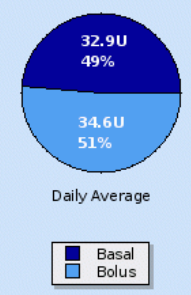
**CGM (mmol/L)**

CGM readings summary			
Average (mmol/L)	8.3		
Median (mmol/L)	8.1		
AUC high > 10 mmol/L	0.7		
AUC low < 3.9 mmol/L	0.1		
Highest value (mmol/L)	18.7		
Lowest value (mmol/L)	2.2		
Standard deviation (SD)	3.3		
Values per day	236		
Number of values	3304		
Values above goal (10 mmol/L)	1042		
Values within goal (3.9-10 mmol/L)	1960		
Values below goal (3.9 mmol/L)	302		
Average daily CGM sensor duration	19:40		
Total CGM sensor duration	11 days 11:20		

Interval	Avg	#	SD
00:00-06:00	8.1	798	3.5
06:00-08:00	6.2	298	2.5
08:00-10:00	8.4	267	3.1
10:00-12:00	8.4	308	3.5
12:00-14:00	7.2	334	2.9
14:00-16:00	8.5	304	2.8
16:00-18:00	9.4	266	3.2
18:00-20:00	9.8	266	4
20:00-22:00	9.1	248	3.4
22:00-24:00	8.3	242	2.3

Carb summary	
Avg # carbs/day	203 g
Standard deviation (SD)	40

Bolus calculation summary	
Avg # ezBG Boluses/day	1.5 (23%)
Avg # ezCarb Boluses/day	3.7 (57%)
Avg # Combo Boluses/day	0 (0%)
Avg # Normal Boluses/day	1.4 (21%)
Bolus overrides/total boluses	10%
Avg # bolus overrides/day	0.6
Avg # bolus ezBG overrides/day	0.4
Avg # bolus ezCarb overrides/day	0.2
Avg # carbs/ezCarb Bolus	55 g
Avg # Insulin Units/ezCarb Bolus	7





# PDF Wizard

The screenshot shows the 'EMR/PDF Wizard' configuration window. Callout 1 points to the 'Name of profile' text box containing 'Dr Smith'. Callout 2 points to the 'Use same time span for all' dropdown menu set to 'Yes: Two weeks'. Callout 3 points to the main configuration area, which is organized into sections: **Glucose** (Logbook/table, Standard day, Trend, Day by day, Meter alarms, A1c), **CGM** (Standard day, Trend, Day by day, Statistics), **Insulin** (Week, Trend, Day by day, Bolus doses, Bolus adherence, Pump alarms, Pump settings, Pump settings comparison), **Comparison** (Logbook/table, Day by day, Day by day overview), and **Compilation** (Compilation). Each option has a checkbox and a 'Two weeks' dropdown menu. 'Options' links are provided for each section.

Allows customization and management of report preferences consolidated into one PDF file. This includes the ability to add favorite profiles per user.

- 1 Fill in name.
- 2 Set time period.
- 3 The PDF Wizard allows HCPs in the same clinic to set up their own favorite reports.
- 4 In the patient list you can click on the PDF icon to create a compiled PDF report or click on the downward pointing arrow to select the pre-set profile you wish to view/print.



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diasend® is indicated for use by individuals or healthcare professionals in the home or health care facilities for transmitting data from home monitoring devices such as glucose meters and insulin pumps to a server database to support diabetes management. The device is indicated for professional use and over-the-counter sales.

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