

Training Handbook mmol/L

Accu-Chek[®] Aviva Combo blood glucose monitoring system







Dear User,

Congratulations on choosing the Accu-Chek[®] Aviva Combo meter! Your new meter will help you to manage your diabetes easily, quickly and discreetly.

This Handbook is provided as part of your training on the new Accu-Chek Aviva Combo meter.

It will help you to set up your meter, so that it quickly becomes part of your daily life.

Roche Diabetes Care

This document is not intended to replace training by a qualified diabetes

 instructor, or the Owner's Booklets (Instructions for use) provided with your new meter.

Before starting therapy with your Accu-Chek Aviva Combo meter, please consult your Accu-Chek Aviva Combo meter Owner's booklets for detailed information regarding warnings and precautions related to their use.



In this Handbook the term "meter" always refers to the Accu-Chek Aviva Combo meter.

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1 Your Accu-Chek Aviva Combo meter

1.1 Summary of functions and features

Features

Convenient blood glucose (bG) testing.

Test results in five seconds.

Provide Bolus Advice.

Small sample size that allows testing from the fingertip.

Unreliable test results are detected automatically.

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Keep record of events related to your diabetes management, for example bG test results, bolus and basal insulin delivery, carbohydrate intake, health events.

A variety of Reminders that help to remember tasks of your diabetes selfmanagement.

1.2 Button functions

Infrared (IR) Window





Key	Name	Function
	Power On/Off	 turn the meter on and off
*	Backlight	 adjust the backlight level (low, medium high)
4	Left arrow	move through screensscroll left in an information screen
⊳	Right arrow	move through screensscroll right in an information screen
	Up arrow	 move through menus, functions and information screen scroll up in an information screen increase a value in a setting screen
\bigtriangledown	Down arrow	 move through menus, functions and information screen scroll down in an information screen reduce a value in a setting screen

Key	Name	Function
	Enter	 select a menu or option save changes exit
\sim	Left soft button	 select a menu on the display above the button
	Right soft button	 select a menu on the display above the button
	Press and hold simultane- ously	 enables Keylock / disables Keylock

2 Getting Bolus Advice from your meter

The Bolus Advice function on your meter will provide you with recommendations on the amount of insulin for food intake and for correcting bG levels that are not within your Target Range. In the following chapter you will learn how to program all your individual settings for the bolus advice calculation and how to use Bolus Advice in your day-to-day life.

2.1 About Bolus Advice

The Bolus Advice function of your meter provides you with bolus recommendations based on your:

- Current bG test result
- Expected food intake
- Current health or activity
- Individual settings, such as Carb Ratio, Insulin Sensitivity, and other settings that will be explained later in this chapter.

When you have programmed these settings, you will only need to:

- Measure your bG level
- · Enter the amount of carbs you are currently planning to eat
- · Enter your current health or activity state

Your meter will then calculate the required amount of insulin based on your personal settings. You can adjust the calculated dose as appropriate. After confirmation, administer the insulin using your pen or syringe.

If you are interested in details of the calculation for the recommended bolus, please refer to Appendix A, B, and C.

2.2 Setting up Bolus Advice

Before you can start setting up the Bolus Advice function, you need to discuss the required setting parameters with your healthcare professional. The following settings are necessary:

Time Block settings

Time Blocks	split the day into periods, to facilitate the pro- gramming of those settings that change
	and Carb Ratio. You only need to set the end- time of a Time Block, as this is also the starting time of the following Time Block. Five Time Blocks are set up by default, but you can set up up to eight if necessary. The following para- meters can be set up separately for each Time Block.

Target Range ...

is the range of your blood glucose, consisting of a lower and an upper bG value that is considered to be acceptable as long as you are fasting (in the morning or before a meal). The target bG will be calculated automatically as the average between the upper and lower bG values.

0		
	Carb Ratio	is the amount of insulin you need for one unit of carbohydrates. You must program the Carb Ratio for each Time Block you wish to set up.
D	Insulin Sensitivity	is the amount of insulin you need to lower your bG level by a given amount. You may know this as the "correction factor". You must program this for each Time Block you wish to set up.

Health Event settings

Health Events	are percentages that allow you to adjust the calculated insulin amount to allow for individual needs and health status; for example, when you are planning physical activity (subtract percent- ages) or you are ill (add percentages). You can
	set percentages for:
	Exercise 1
	Exercise 2

- Stress
- Illness
- Premenstrual

You cannot adjust Fasting.

Advice Option settings

D		
	Meal Rise	is an increase in your bG level that is acceptable after a meal. After a meal, the Meal Rise is added to your bG target. After a meal, the bG target value plus the Meal rise value is accepted without a correction bolus, as long as Acting time and Offset time are effective (see the explanations below).
	Snack Size	is the amount of carbohydrates that is not to be counted as a regular meal. A bolus will be recommended but no Meal Rise is triggered.
	Acting Time	is the time during which a bolus is effective. The Acting Time starts afresh for each new bolus.
0	Offset Time	is the expected time taken for your bG level to fall after you inject a bolus. The Offset Time starts afresh for each new bolus.

Getting bolus advice from your meter

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Асси-Снек

Press ① until the meter powers up. The Accu-Chek screen appears for a few seconds.



The Language screen appears. If you wish to keep the default language, press to select Next and continue with step 6.



5	Language English Press enter to display available options	Press O to save the setting. Press T to select Save.
6	Time Format Time Format Time 10: 00 HH MM Date 1 Jan 08 DD MMM YY Back Next	The Time / Date screen appears. If you wish to keep the default time, press to select Next and continue with step 12.
0	Time Format 24 hr Time Time 1 Jan 08 DD MMM YY	Otherwise press 🔵 to change Time Format.



Press \triangle or \bigtriangledown to select 12hr or 24hr Time Format. Press \bigcirc to save the changes.

9 Time Format Time 8 30 MM 4/P Date 1 Jan 08 DD MMM YY	Press O to change the hour.

Time Time 10 am Time 10 30 Time 10 A/P Date 1 Jan 08 DD MMM YY	Press \triangle or \bigtriangledown to select the hour and \bigcirc to save.
Cancel	

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c.	🛯 Time/Date		•	Minu
Time For	mat	12 hr		AM (
Time	10: 30 HH MM	am A/P		Dav
Date	2 Feb	08		Mon
				IVIUII
			•	Year
Back		Next		

Continue	usina	\bigcirc	∇ and	\bigcirc	to	set
001101100	aonig		V and	\smile	~~	000

- utes
- or PM if needed
- th

Press 🤝 to select Next.

13 Warning Limits Hyper ▲ 16.5 mmol/L Hypo ▼ 4.0 mmol/L	12	Carbs Grams Insulin Increment 1 U Max Bolus 50 U Back Next	 The Units screen appears. Use ○, △, ▽ and ○ to set the units for carbohydrates the Insulin Increment the Max Bolus Press ○ to select Next
Select the upper (Hyper) and lower (Hypo) limits of your bG Back Next	13	Warning Limits Hyper ▲ 16.5 mmol/L Hypo ✓ 4.0 mmol/L Select the upper (Hyper) and lower (Hypo) limits of your bG Back Next	The Warning Limits screen appears.



Hyper 3.0 mmol/L ↓ Select the upper (Hyper) and lower (Hypo) limits of your bG

Cancel

Use \bigcirc , \triangle , \bigtriangledown and \bigcirc to set the Hypo- (Low bG) Warning Limit. Press \bigcirc to select Next.



The Setup screen "Would you like to receive bolus advice from your meter?" appears. Press
to select Yes.

18

16



Next

Back

Setup

The Setup screen "Edit at least one time block by selecting a time block and pressing enter" appears.

Press 🔽 to select Next.

19

	Time Blocks	
Start	End	
0:00	5:30	Î
5:30	11:00	
11:00	17:00	
17:00	21:30	
21:30	0:00	
Back		

The Time Blocks screen appears. Press to enter the first Time Block.



The first Time Blocks screen appears. Press \bigcirc to enter the end time box. Press \triangle or \bigtriangledown to select the end time. Press \bigcirc to save the setting and move to the lower target limit box.



Press 🔵 to enter.

Press \triangle or \bigtriangledown to select your lower target limit. Press \bigcirc to save and move to the upper target limit box.

22

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20



Press O to enter.

Press \triangle or \bigtriangledown to select your upper target limit. Press \bigcirc to save and move to the insulin for carb box.

 Time Blocks

 0:00
 6:00

 Target Range
 4.5 mmol/L
 6.5 mmol/L

 Carb Ratio
 1 U for

 Insulin Sensitivity
 Cancel

Press \bigcirc to enter. Press \triangle or \bigtriangledown to enter the insulin amount. Press \bigcirc to save and move to the carb box.

24



Press O to enter.

Press \triangle or \bigtriangledown to select the amount of carbs covered by the amount of insulin.

Press to save and move to the insulin for bG box.

Press \bigcirc to enter.

Press \triangle or \bigtriangledown to select the insulin amount.

Press \bigcirc to save and move to the bG box.

25

Time Blocks
Target Range
4.5 mmol/L - 6.5 mmol/L
Carb Ratio
1 U for 12 g
Insulin Sensitivity
1 U for 2.5 mmol/L
Cancel Save

Press to enter.

Press \bigtriangleup or \bigtriangledown to select the decrease in bG expected for the insulin amount.

Press O to enter.

Press to save and exit to the Time Blocks screen.

26

	Time Blocks	
Start	End	
0:00	6:00	Í
6:00	11:00	
11:00	17:00	
17:00	21:30	
21:30	0:00	
Back		Next

Press \triangle or \bigtriangledown to move to the next Time Block. Press \bigcirc to enter. The settings from the first Time Block will be copied to all other Time Blocks. Press \bigcirc to select Next.

27

Repeat steps 20 to 26 accordingly to setup all Time Blocks as necessary. Press \bigcirc to select Next.

28	Health EventsExercise 10%Exercise 20%Stress0%Illness0%Premenstrual0%BackNext	The Health Events screen appears. Press O to enter the Exercise 1 box.
29	Health Events Exercise 1 Exercise 2 Stress Illness Premenstrual O% Cancel	Press \triangle or \bigtriangledown to select the percentage as needed. Press \bigcirc to save.
30	Health EventsExercise 1-15%Exercise 2-20%Stress+10%Illness+50%Premenstrual+10%BackNext	Press \triangle or \bigtriangledown to move to the next Health Event you wish to setup.
31	$a \cap A \nabla$ and $\cap ti$	a satup all Health Events as needed

Press \frown to select next.

Meal Rise	5.5 mmol
Snack Size	-
Acting Time	4:0
Offset Time	1:0
	HH M

The Advice Options screen appears.

33

32

Meal Ri Snack S	mmol/L 🖨
Acting Time	4:00
Offset Time	1:00
	HH MN

Press \bigcirc to enter the Meal Rise box. Press \triangle or \bigtriangledown to select the meal rise level. Press \bigcirc to save and move to the Snack Size box.

34

Meal Rise Snack Size Acting Time Offset Time Acting Meal Acting M

Cancel

Press O to enter.

Press \triangle or \bigtriangledown to select the Snack Size. Press \bigcirc to save and move to the Acting Time box.

35	Advic Meal Rise Snack Size Acting Time Offset Time	e Options 3.0 mmol/L 4:30 1:00 HH MM	Press \bigcirc to enter. Press \triangle or \bigtriangledown to select the Acting Time. Press \bigcirc to save and move to the Offset Time box.



36

Press \bigcirc to enter. Press \triangle or \bigtriangledown to select the Offset Time. Press \bigcirc to save. Press \bigcirc to save all settings and select Next.





The screen "Would you like to set up bG Test Reminders?" appears. Press 🖓 to **select No.**







Before you can test your bG level with your meter you must code it with the - code chip accompanying the test strip container. You should also perform a control test.

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3 Measuring your blood glucose (bG) level

3.1 Running a control test

You need:

- a new test strip
- a control solution level 1 or 2. The control level is printed on the bottle label.





Place your meter on a flat surface (for example, a table) and insert the test strip into the Test Strip Slot in the direction of the arrow. The meter turns on.



The "Match Code to Vial" screen appears. Make sure the code number on the screen matches the code number on the test strip container.

bG Test Apply Sample

The "Apply Sample" screen appears and a beep indicates that the strip is ready for testing.

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Remove the cap from the control solution bottle and wipe the tip with a tissue.



Squeeze the bottle until a tiny drop forms at the tip. Apply the drop to the front edge of the yellow window of the test strip.



The "Analyzing" screen appears as soon as you have applied enough solution. Wipe the tip of the control solution bottle and then put the cap on the bottle tightly.



The "Control Result" screen appears.



10:02

Cance

Compare the result to the acceptable range shown on the label of the test strip container. Press 💭 to display the Control Level screen.

Press \triangle or \bigtriangledown to select the control solution level.



Control Result

2 Feb 08

No Entry

Level 1 Level 2

> When the control test result is within range, the test strips and meter are working properly. Remove and dispose of the test strip.



Press O to confirm.

3.2 Performing a blood glucose (bG) test

You need:

- your lancing device
- a new test strip





Prepare the lancing device according to the instructions provided. Wash and dry your hands.



Place your meter on a flat surface (for example, a table) and insert the test strip into the Test Strip Slot in the direction of the arrow. The meter turns on.



The "Match Code to Vial" screen appears. Make sure that the code number on the screen matches the code number on the test strip container.



The "Apply Sample" screen appears and a beep indicates that the strip is ready for testing.



Prick your finger with your lancing device.



Gently squeeze your finger to get a blood drop. Apply the blood drop to the front edge of the yellow window of the test strip.



The "Analyzing" screen appears as soon as you have applied enough blood.



Your bG Result appears on the display.

9



About three seconds later the detailed "bG Result" screen appears. Here you can enter information about meal time, the carbs you are planning to eat and you current health or activity state.

10



Press \triangle or \bigtriangledown to move to the Meal Time box (or Carbs/Health accordingly), and press \bigcirc to enter.

Press \triangle or \bigtriangledown to select a value.

Press to save the value. If you enter values for carbs and health here, they are adopted to the Bolus Advice screen.

Press 💭 to select Bolus and move to the Bolus Advice screen.



In the next section you will learn how to get Bolus Advice after a bG test.

Understanding your bG result

The coloured bar on the bG Result screen indicates the meaning of your bG result:

If the bar is	Your bG level is
Hyper Blue	above Hyper Warning Limit. It is highly recommended that you check for ketones and measure your bG level frequently.
Blue	above your Target Range but below Hyper Warning Limit.
Green	within your Target Range.
Yellow	below your Target Range but above your Hypo Warning Limit.
Hypo Red	below your Hypo Warning Limit. It is highly recommended that you eat an appropriate amount of fast acting carbs immediately.

Discuss appropriate action for each of the situations with your health care professional.



3.3 Using Bolus Advice

Bolus Advice can only provide a reliable bolus recommendation, when a current bG test result is available. Therefore it is highly recommended that you always use Bolus Advice by starting with a bG test. When you use Bolus Advice without a current bG test result, you will be prompted with a warning if the last bG Test result dates back for more than five minutes.

Taking Bolus Advice from a bG Test

To take bolus advice from a bG test, you need:

- your lancing device
- a new test strip







Prepare the lancing device according to the instructions provided. Wash and dry your hands.



Place your meter on a flat surface (for example, a table) and insert the test strip into the Test Strip slot in the direction of the arrow. The meter turns on.





The "Match Code to Vial" screen appears. Make sure the code number on the screen matches the code number on the test strip container.



The "Apply Sample" screen appears and a beep indicates that the strip is ready for testing.



Prick your finger with your lancing device. Gently squeeze your finger to get a blood drop.



Touch the blood drop against the front edge of the yellow window of the test strip.



The "Analyzing" screen appears as soon as you have applied enough blood.



Your result appears on the display.



About three seconds later, a detailed "bG Result" screen appears. Here you can add information about the Meal Time, planned food intake or your state of health, for statistical reasons, where appropriate.



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If you use the bG result for Bolus Advice, you cannot change entries later on. Therefore it is recommended that you add information about Meal Time here.

10

ide bG Result				
10:02	59	No Entry		
	0.0	Pre Meal		
Gr		Post Meal		
1		Bedtime		
		Other		
📭 Active Insulin 🗸				
Cancel				

Press \triangle or \bigtriangledown to move to the Meal box (or Carbs/ Health accordingly), and press \bigcirc to enter.

Press \bigtriangleup or \bigtriangledown to select a value.

Press to save the value. If you enter values for carbs and health here, they are adopted to the Bolus Advice screen.

Press 💭 to select Bolus and move to the Bolus Advice screen.
	<table-cell-rows> Bolus Advice</table-cell-rows>			
	🌢 5.8 mn	nol/L		
•	U 🌓		0.0 U	
U	丈 19 g		1.9 U	
2-	💜 Exercis	se 1	-0.1 U	
8	- I Bolus		2.0 U	
~	🗗 Basal		10 U	
4	Cancel		Confirm	

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- Press → to enter the carbs Box.
 Press → or → to select the amount of carbohydrates you are planning to eat.
- Press to save and move to the Health box, and press to enter.

Press \triangle or \bigtriangledown to select your current state of health, as appropriate.

 Press to save and move to the Bolus Amount box.

If you need to change the recommended bolus amount, use \bigcirc , \triangle , \bigtriangledown and \bigcirc to change the bolus amount and move to the Basal box.

Press 🔘.

Press \triangle or \bigtriangledown to set the basal insulin amount. Press \bigcirc to save.



Press to confirm and move to the Confirm Bolus screen. Press to select OK. Use your pen or syringe to administer the insulin accordingly.

4 Managing your data

Careful analysis of your bG data is an effective way for you and your healthcare professional to control and manage your diabetes.

Your meter automatically stores up to 1000 diary records with their time and date. You can review up to 250 diary records on your meter, or up to 1000 diary records using compatible software. These records are stored from the newest to the oldest. It is very important to set the correct time and date, to ensure that you and your healthcare professional can accurately interpret your blood glucose results and that the bolus advice uses the appropriate settings of the current time block.

Each diary record can contain:

- Date and time
- bG test result
- Meal time (events)
- Carbs
- Health Event
- Bolus amount

You can display filtered or sorted diary data in graphical or table format. Your meter generates reports, such as bG averages with standard deviations, for the time period you choose (for example, the past 7 days or the past 30 days). Graphs can be a good way to view your bG results. Your meter can display a line graph to depict bG record trends, a graph showing result ranges for daily or weekly, and a pie chart with different colours to illustrate the amount of test results within, above, or below your bG Target Range.



The following table depicts the icons used to display your data:

lcon	Icon Name	Description
٩	bG Test	 Icon is displayed when information exists for this diary record regarding a blood glucose test.
6	Meal Time	 Icon is displayed when information exists for this diary record regarding Meal Time.
٢	Carbs	 Icon is displayed when information exists for this diary record regarding carbs.
۲	Health Event	 Icon is displayed when information exists for this diary record regarding Health Events.
Л	Bolus	 A Bolus has been deliverd.

Viewing your data

1	10:02 2 Feb 08 bG Test Bolus Advice My Data Settings	From main menu press △ or マ to select My Data. Press ◯ to enter.
2	10:02 2 Feb 08 View Data Add Data Reports Data Transfer Menu	The Data screen is displayed and View Data is highlighted. Press O to enter.
3	View Data 1 Feb 08 20:06 17:33 17:35 17	The View Data screen appears. Press \triangle or \bigtriangledown to view other records (the screen scrolls if there are additional records).



4



The screen shows the bG test results in the right column by default, but you can also view bolus or carb data.

Press \frown to select Select View. Press \triangle or \bigtriangledown to select carbs or bolus. Press \bigcirc to enter.



1 Feb 08
20:06 🌰 🛋 📫
17:33 🌢 🖓 🔹 👖 2.4
16:06 🌢 🖓 🔹 👖 2.2 📍
13:52 🌢 🖓 🤹 👖 0.7
10:02 🌢 🖓 🗊 🏓 👖 1.8
Back Select View

To view the details of a specific record press \triangle or \bigtriangledown to move the record. Press \bigcirc to enter.



The View Detail screen is displayed. Press \triangleleft to view the previous or \triangleright to view next (newer) record.



Editing your data

You can also use this function to add information on your Basal insulin. You are in the View Detail screen in step 6 of the previous procedure.

	View Detail 16:06 1 Feb 08 bG Value 8.6 mmol/L Meal Time Pre Meal Carbs 60 g Health Stress Bolus 2.2 U Back Modify	Press 🦳 to select Modify.
2	Modify Data16:062 Feb 08Initial8.6 mmol/LInitialMeal TimeInitial60 gInitialHealthInitialBolusCancelSave	Press \triangle or \bigtriangledown to select the field you wish to edit, and press \bigcirc to enter.
3	Modify Data 16:06 1 Feb 08 No Entry Pre Meal Post Meal Bedtime Other Cancel	Press \triangle or \bigtriangledown to change the entry, and \bigcirc to save the change.
4		
Edit Pre	t the other fields acc $ss \Box$ to save the ch	ordingly, as necessary. anges and exit.



You cannot go back and edit data that have been used with Bolus Advice!



Adding data

You can add data to a diary record for Carbs, Health, Basal, and Bolus, but not for bG Test results.







Reporting data

In this menu you can view many different statistics for your bG test results, such as bG averages and standard deviations. Standard deviation is a statistical expression that indicates how far the individual test results are scattered around the average.



bG Averages ...

Ы

1

shows you averages and standard deviations for your bG test results for the categories Overall, Pre Meal, Post Meal, Bedtime and Others. Test results without Meal time entry only occur in the Overall category. You can choose whether the averages and standard deviations include the results of the last 7, 14, 30, 60 or 90 days.

Reports bG Averages Trend Standard Day Standard Week Target

From the Reports screen, press to enter bG Averages.

		1
		5

Back

i / uay	s	
mmol /L	SD	Tests
9.1	4.5	37
7.6	3.7	13
11.2	6.9	5
3.1		1
9.7	2.8	2
	 mmol L 9.1 7.6 11.2 3.1 9.7 	 ^{mmol} SD 9.1 4.5 7.6 3.7 11.2 6.9 3.1 9.7 2.8

The bG Average screen appears. Press \triangleleft or \triangleright to select the period of time included in the calculation.

3

Las	Last 30 days			
	mmol /L	SD	Tests	
Overall	8.8	4.3	144	
Pre Meal	7.4	4.0	98	
Post Meal	12.3	6.4	32	
Bedtime	4.8	3.0	8	
Other	9.9	3.1	4	
Back				

Press Press to select Back and return to the Reports screen.

Trend ...

combines your bG test results for the categories Overall, Pre Meal, Post Meal, Bedtime and Others with the entries for Carbs and insulin. You can view them either as a table or as a graphic. You can choose whether the results of the last 8, 24 or 48 hours or 7 days are included.

▶ Reports ▶ G Averages Trend Standard Day Standard Week Target

Back

From the Reports screen, press \bigtriangledown to select Trend. Press \bigcirc to enter.

2

1



The Trend screen appears.

Press \triangle or \bigtriangledown to switch between the selection of the included period of time and the Meal Time field.



When the time field is highlighted (8, 24 or 48 hours or 7 days), press ◀ or ▷ to select the included period of time.



When the Meal Time field is highlighted, press \triangleleft or \triangleright to select the Meal Time category you wish to view.

5

♦ La	ast 8 ho	urs	•
	Overall		- F
2 Feb 08	mmol /L	¢g	ΙU
20:06	3.8	66	î
17:33	7.0	60	2.4
16:06	8.6	20	2.2
13:52	3.6	60	0.7
Back Graph			

Press 💭 to switch between Graph view and Table view.

Press Press to select Back and return to the Reports screen.



Standard Day...

1

2

shows you averages and standard deviations for your bG test results for the categories Overall, Pre Meal, Post Meal, Bedtime and Other calculated for each Time Block of your Bolus Advice/Time Block setting. You can view them either as table or as graphic. You can choose whether the averages and standard deviations include the results of the last 7, 14, 30, 60 or 90 days.



Back

From Reports screen press \triangle or \bigtriangledown to select Standard Day. Press \bigcirc to enter.



The Standard Day screen appears. Press \triangle or \bigtriangledown to toggle between selection of included period of time and Meal Time field.



When the time field is highlighted (7, 14, 30, 60 or 90 days), press ◀ or ▷ to select the included period of time.



When the Meal Time field is highlighted, press \triangleleft or \triangleright to select the Meal Time category you wish to view.



Press 💭 to switch between Graph view and Table view.

Press Press to select Back and return to the Reports screen.



Standard Week ...

shows you averages and standard deviations for your bG test results for the categories Overall, Pre Meal, Post Meal, Bedtime and Other, calculated for each day of the week. You can view them either as a table or as a graphic. You can choose whether the averages and standard deviations include the results of the last 7, 14, 30, 60 or 90 days.

Reports bG Averages Trend Standard Day Standard Week Target

Back

From the Reports screen, press \triangle or \bigtriangledown to select Standard Week. Press \bigcirc to enter.



 \mathbf{b}



The Standard Week screen appears. Press \triangle or \bigtriangledown to toggle between the selection of included period of time and Meal Time field.



When the time field is highlighted (7, 14, 30, 60 or 90 days), press ◀ or ▷ to select the included period of time.



When the Meal Time field is highlighted, press \triangleleft or \triangleright to select the Meal Time category you wish to view.



1	7 1		
Last	/ days	S	<u> </u>
•O	verall		•
	mmol /L	SD	Tests
Monday	12.4	2.2	5
Tuesday	10.0	3.9	5
Wednesday	8.7	5.5	5
Thursday	8.8	4.1	5
Back Graph			

Press 💭 to switch between Graph view and Table view.

Press Press to select Back and return to the Reports screen.





You can view them either as a table or as a pie chart. You can choose whether the percentages include the results of the last 7, 14, 30, 60 or 90 days.

bG Averages Trend Standard Day Standard Week Target

From the Reports screen, press \triangle or \bigtriangledown to select Target. Press \bigcirc to enter.

2 Last 7 days Overall Above Within Below Hypo Back Table

The Target screen appears.

Press \triangle or \bigtriangledown to switch between the selection of included period of time and Meal Time field.



When time field is highlighted (7, 14, 30, 60 or 90 days), press ◀ or ▷ to select the included period of time.



When the Meal Time field is highlighted, press \triangleleft or \triangleright to select the Meal Time category you wish to view.

5 Last 7 days Overall Above Above Within Below Below Hypo 2% Back Graph

Press 💭 to toggle between Graph view and Table view.

Press Press to select Back and return to the Reports screen.



4.1 Transferring data to a Computer



Managing your data

	J

5 Using Reminders

Managing your job, managing your family or managing school often require your full attention. The meter can assist you managing your diabetes. With reminders it helps you remembering a variety of diabetes related tasks. Three different types of reminders are available to accommodate for different requirements:

0		
	bG Test Reminders	 remind you to test your bG level in special situations: after a high bG test result (hyperglycaemia): After High bG after a low bG test result (hypoglycaemia): After Low bG after a meal: After Meal
D	Alarm Clock	You can set up to eight different alarm clock reminders per day. You can set them to remind you of: • a bG Test • an injection • other events
	Date Reminders	remind you of events like: • Dr. Visit sounds at a special date • Lab Test sounds at a special date

To set Reminders



bG Test Reminders – After High bG

This reminder will turn on the meter. You can dismiss it by pressing \bigcirc . You can reschedule (snooze) it to occur in 15 minutes by pressing \bigcirc .

1	Reminders bG Test Reminders Alarm Clock Date Reminders Back	From the Reminders screen press \triangle or \bigtriangledown to select bG Test Reminders. Press \bigcirc to enter.
2	bG Test Reminders After High bG Off After Low bG Off After Meal Off Back Image: Content of the second	The bG Test Reminders screen appears. Press () to enter After High bG.
3	After High bG Reminder Off bG Threshold 16.5 mmol/L Remind After Off Off	 The After High bG screen appears. Press ◯ to enter Reminder. Press △ or マ to select On or Off as needed. Press ◯ to confirm and move to the bG Threshold box. The Hyper Warning Limit is set as bG threshold for triggering the reminder by default.

4

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To change the bG threshold press \bigcirc . Press \triangle or \bigtriangledown to select the bG value as needed. Press \bigcirc to confirm and move to the Remind After box.



Press → to enter. Press → or → to change the period after which the reminder sounds as needed. Press → to confirm. Press → to save and return to the bG Test Reminders screen.



bG Test Reminders – After Low bG

This reminder turns on the meter. You can dismiss it by pressing \square . You can re-schedule (snooze) it to occur in five minutes by pressing \square .

	Reminders bG Test Reminders Alarm Clock Date Reminders Back	From the Reminders screen press \triangle or \bigtriangledown to select bG Test Reminders. Press \bigcirc to enter.
2	bG Test Reminders After High bG Off After Low bG Off After Meal Off Back	The bG Test Reminders screen appears. Press \triangle or \bigtriangledown to select After Low bG. Press \bigcirc to enter.
3	After Low bG Reminder Off bG Threshold 5.0 mmol/L Remind After On Off Cancel	The After Low bG screen appears. Press



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To change the bG Threshold press \bigcirc . Press \triangle or \bigtriangledown to select the bG value as needed. Press \bigcirc to confirm and move to the Remind After box.



Press → to enter. Press → or → to change the period after which the reminder sounds as needed. Press → to confirm. Press → to save and return to the bG Test Reminders screen.



bG Test Reminders – After Meal

This reminder will turn on the meter. You can dismiss it by pressing \bigcirc . You can reschedule (snooze) it to occur in five minutes by pressing \bigcirc .

	Reminders bG Test Reminders Alarm Clock Date Reminders Back	From the Reminders screen press \triangle or \bigtriangledown to select bG Test Reminders. Press \bigcirc to enter.
2		
2	bG Test Reminders After High bG Off After Low bG Off After Meal Off Back	The bG Test Reminders screen appears. Press \triangle or \bigtriangledown to select After Meal. Press \bigcirc to enter.
3		
	After Meal Reminder On Snack Size Remind After On Off	The After Meal screen appears. Press \bigcirc to enter Reminder. Press \triangle or \bigtriangledown to select On or Off as needed. Press \bigcirc to confirm and move to the Snack Size box.
	Gandel	



The Snack Size is the same as entered in the Bolus Advice Options. If you change it here it will also be changed in the Bolus Advice settings.

4	After Meal Reminder Snack Size Remind After HH MM	Press
5	After Meal Reminder On Snack Size Remind After 1:30 Cancel	Press ◯ to enter. Press △ or マ to select an appropriate period of time as needed. Press ◯ to confirm. Press ◯ to save and return to the bG Test Reminders screen.



Alarm Clock

This reminder turns on the meter. You can dismiss it by pressing \square . You can re-schedule (snooze) it to occur in 15 minutes by pressing \square .

1	Reminders bG Test Reminders Alarm Clock Date Reminders Back		From the Reminders screen, press \triangle or \bigtriangledown to select Alarm Clock. Press \bigcirc to enter.
2	Alarm Clock HH MM 0:00 0:00 0:00 0:00 0:00 0:00 Cancel	Off Off Off Off Save	The Alarm Clock screen appears. Press \triangle or \bigtriangledown to move to the alarm clock you wish to change. Press \bigcirc to enter the time box.
3	Alarm Clock 9:00 ⇒ 0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:00	Off Off Off Off	Press \triangle or \bigtriangledown to select the appropriate time for the alarm. Press \bigcirc to confirm and move to the Off or purpose box.

-	
	_

Alarn	n Clock
HH MM	Í
9:00	hC Toet
0:00	Off
0:00	bG Test
0:00	Other
0:00	Off
Cancel	

Press \bigcirc to enter. Press \triangle or \bigtriangledown to select Off, bG Test, Injection or Other as needed. Press \bigcirc to confirm.



Alarm Clock		
HH MM	Î	
9:00	bG Test	
0:00	Off	
Cancel	Save	

Where appropriate, repeat steps 2 to 4 to set more Alarm Clocks accordingly. Press to save and return to the Reminders screen.



Date Reminders – Dr. Visit

This reminder does not turn on the meter, but sounds as soon as you turn on the meter on the selected day. You can dismiss it by pressing \square .

	Reminders bG Test Reminders Alarm Clock Date Reminders Back	From the Reminders screen, press \triangle or \bigtriangledown to select Date Reminders. Press \bigcirc to enter.
2	Date Reminders Dr. Visit Off Lab Test Off Back	The Date Reminder screen appears. Press \triangle or \bigtriangledown to move to Dr. Visit. Press \bigcirc to enter.
3	Dr. Visit Reminder Off Appointment Date/Time Date 2 Feb On Time (Optional) HH MM Cancel	The Dr. Visit screen appears. Press \bigcirc to enter the Reminder box. Press \triangle or \bigtriangledown to select On or Off. Press \bigcirc to confirm an move to the Date line.

	ÞDr. Visit	
Reminder		On
Appointment Date/Time		
Date	12 Mar	08
Time	DD MMM	YY
(Optional)	HH MM	Л
Cancel		Save

Press \bigcirc to enter the day box. Press \triangle or \bigtriangledown to select the day. Press \bigcirc to confirm and enter the month box. Press \triangle or \bigtriangledown to select the month. Press \bigcirc to confirm and enter the year box. Press \triangle or \bigtriangledown to select the year.



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₽Dr. Visit				
Reminder	r (On		
Appointment Date/Time				
Date	08			
Tim	11:30 🖨	YY		
(Optional)				
Cancel				

Press \triangle or \bigtriangledown to select the time. Press \bigcirc to confirm. Press \bigcirc to save and return to the Date Reminders screen.



Date Reminders – Lab Test

This reminder does not turn on the meter, but sounds as soon as you turn on the meter on the selected day. You can dismiss it by pressing \square .

	Reminders bG Test Reminders Alarm Clock Date Reminders Back	From the Reminders screen press \triangle or \bigtriangledown to select Date Reminders. Press \bigcirc to enter.
2	Date Reminders Dr. Visit Off Lab Test Off Back	The Date Reminder screen appears. Press \triangle or \bigtriangledown to move to Lab Test. Press \bigcirc to enter.
3	Lab Test Reminder Off Appointment Date/Time 2 Feb Date 2 Feb Off Time DD MMM Off Off (Optional) HH MM HH MM	The Lab Test screen appears. Press \bigcirc to enter the Reminder box. Press \triangle or \bigtriangledown to select On or Off. Press \bigcirc to confirm and move to the Date line.

Lab Test Reminder On Appointment Date/Time Date 12 Mar 08 Time : YY (Optional) HH MM YY Cancel Save	Press \bigcirc to enter the day box. Press \triangle or \bigtriangledown to select the day. Press \bigcirc to confirm and enter the month box. Press \triangle or \bigtriangledown to select the month. Press \bigcirc to confirm and enter the year box. Press \triangle or \bigtriangledown to select the year.

 Image: State of the state

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Press \triangle or \bigtriangledown to select the time. Press \bigcirc to confirm. Press \bigcirc to save and return to the Date Reminders screen.


6 Changing your meter Settings

As your life or health situation may change, you may need to change some of the values in your meter settings. Discuss with your healthcare professional before you change settings.

1 10:02 2 Feb 08 bG Test Bolus Advice My Data Settings	From main menu press \triangle or \bigtriangledown to move to Settings.		
2 10:02 2 Feb 08 Reminders Bolus Advice Meter Sound/Vibrate Time/Date Menu	Press 🔵 to enter. The Settings screen appears.		
3			
Use \bigtriangleup , \bigtriangledown and \bigcirc to edit the particular setting as needed.			
4			
Where appropriate, press 🤝 to save and exit.			

You will find the particular settings as follows:







Sound / Vibrate



Time / Date



Appendix A



Calculating a correct bolus is a tricky business.







Thankfully, calculating a correct bolus with the new Accu-Chek Aviva Combo meter is so much easier. Ingredients · A fresh amount of carbohydrates · A fresh bG7 test result • A health percentage for exercise, stress, illness or premenstruation (add as needed) Your Accu-Chek Aviva Combo meter automatically considers the current time, your insulin-to-Carb Ratio for the current time, your current Insulin Sensitivity (also called the correction factor) and the percentages for exercise, stress, illness or premenstruation as you entered them in the Set-up Wizard.

Appendix





Where to find the Bolus Advice settings on the meter

Manual calculation	On your meter
Time dependence of parameters (circadian rhythm)	Time Blocks: In Settings > Bolus Advice > Time Blocks
Insulin-to-carbohydrate ratio	Carb Ratio: Within each Time Block (in Settings > Bolus Advice > Time Blocks)
Insulin Sensitivity/correction factor	Insulin Sensitivity: Within each Time Block (in Settings > Bolus Advice > Time Blocks)
bG target level	Target Range: Within each Time Block (in Settings > Bolus Advice > Time Blocks) The target value is calculated automatically as midway between the upper and lower target limits.
Insulin dose adjustment for exercise, stress, illness or premenstruation	Health: In the bG Test Result screen or in Bolus Advice. Select the value in Settings > Bolus Advice > Health Events.

Manual calculation	On your meter
Prevention of double dosage after meal	Meal Rise: In connection with Acting Time and Offset Time (in Settings > Bolus Advice > Advice Options).
Prevention of double dosage after a high bG test result	Offset Time and Acting Time after a correction bolus.



Appendix B: Bolus Advice Calculations

In this section you will learn how Bolus Advice recommendations are calculated. To make sure that the recommendations meet your needs, you must give the Bolus Advice feature on your meter some extra information, as well as the basic blood glucose (bG) and carbohydrate values. As a safety measure, Bolus Advice will not work without this information.

Your healthcare professional will give you the information that you need for the Bolus Advice feature.

Carbohydrate Units

Choosing how your carbohydrates will be measured is important. In this way, Bolus Advice can give you an accurate result. You just select what carbohydrate units Bolus Advice will use to make its calculations. You can choose between:

- Grams
- BE (≈12g)
- KE (≈10g)
- CC (≈15g)



Time Blocks

Your insulin needs may vary depending on the time of day, so using the same values and factors throughout the day would probably not suit your metabolism or lifestyle. This could also lead to incorrect doses of insulin.

1 111	Time Dia dia	
11	Time Blocks	
Start	End	
0:00	5:30	Ĵ
5:30	11:00	
11:00	17:00	
17:00	21:30	
21:30	0:00	
Back		

The screen above shows the Time Blocks feature within Bolus Advice. Time Blocks consider your time dependent requirements when calculating your insulin dose at different times of the day. You can program up to eight Time Blocks, depending on your lifestyle. For example, your insulin needs in the morning or evening may not be the same as those in the afternoon or at night, so you can program these different periods as Time Blocks. There are no pre-defined Time Blocks that you should follow. You can choose when a Time Block ends to suit your lifestyle.



Within Time Blocks you will find the following settings:



Target Range

Your bG results should be between the lower and upper values of the Target Range as long as you are fasting (in the morning or before a meal). The target bG will be calculated automatically as the average between the upper and lower bG values.

Carb Ratio

The Carb (carbohydrate) Ratio defines how much insulin is needed to compensate for a certain amount of carbohydrates.

Insulin Sensitivity

The Insulin Sensitivity (correction factor) shows how sensitive you are to a dose of insulin. This is how much your bG drops in response to a certain amount of insulin.

You can define all of these values separately for each Time Block. The Bolus Advice calculation automatically takes these values into account for the time of day.

Without a meal – that means, when you do not enter Carbs – these are the Calculations

lf y	our bG level is	the Bolus calculation is
hyper 🛉	above Hyper Warning	(bG – Target bG) × Insulin Sensitivity Additional recommendation to measure BG more frequently and check for ketones.
	between Upper Target Limit and Hyper Warning	(bG – Target bG) × Insulin Sensitivity.
	between Upper and Lower Target Limit	No correction bolus necessary.
	between lower Target Limit and Hypo Warning	No correction bolus recommended.
hypo 🕇	below Hypo Warning	Hypo Warning! Recommendation to eat fast acting carbs. Bolus Advice function not accessible!



& Remember the colored bar in the bG7 test-result screen tells where your current bG7 level is compared to your target bG7.



Before a meal – that means, when you enter Carbs – these are the Calculations

The Meal bolus will always be calculated as:

carbs >	×	insulin-to-carb-ratio
04100		mount to ours runo

If your bG level is		the Bolus calculation is		
hyper 🕈	above Hyper Warning	(bG – Target bG) × Insulin Sensitivity + Meal bolus. Additional recommendation to measure bG more frequently and check for ketones.		
	between Upper Target Limit and Hyper Warning	(bG – Target bG) × Insulin Sensitivity + Meal bolus.		
	between Upper and Lower Target Limit	(bG – Target bG) × Insulin Sensitivity + Meal bolus. Note that correction bolus can be negative.		
	between lower Target Limit and Hypo Warning	(bG – Target bG) × Insulin Sensitivity + Meal bolus. Note that correction bolus is negative.		
hypo 🕇	below Hypo Warning	Hypo Warning! Recommendation to eat fast acting carbs. Bolus Advice function not accessible!		

Health Events

If your routine was always the same from one day to the next, then Time Blocks would provide enough information to calculate the correct boluses. However, sometimes your daily routine may be different and your insulin needs will then change.

뒏 Health Events				
Exercise 1	-10%]			
Exercise 2	-20%			
Stress	0%			
Illness	+20%			
Premenstrual	0%			
Cancel	Save			

You can use Health Events to take into account various activities or events that increase or decrease your insulin needs. You can choose different Health Events depending on how you are feeling or what you are doing. For example, sport or physical activity could decrease your insulin needs, whereas illness or the menstrual cycle could increase your insulin needs.

Many of these activities or events do not occur at regular intervals, and Time Blocks cannot take them into account. With Health Events, you can program how much extra insulin (as a percentage of your usual bolus) you may need. For example, when exercising, your insulin requirement may be 25% lower. You and your healthcare professional should discuss what percentage to program for each Health Event.

When one of the programmed Health Events occurs in your daily life, you can choose the Health Event on your meter so that Bolus Advice can calculate the correct insulin dose. You can program five different Health Events:

- Exercise 1
- Exercise 2
- Stress
- Illness
- Premenstrual

The Bolus Advice screen and the bG Result screen call these *Health* with the -icon.

📑 Bo	olus Advi	се		🌢 bG Result	
🌢 5.8 mm	ol/L		10.03		
U 📭		0.0 U	10.02	- J.O	mmol/L
숱 19 g		1.9 U	GY	Me	al Time
💜 Exercis	e 1	-0.1 U	a		Carbs
I Bolus		2.0 U			Health
🗗 Basal		10 U	JD /	Active Insulin	U
Cancel		Confirm	Men	u	Bolus

Within Health on the Bolus Advice and bG Result screen you can also select Fasting. However, you cannot adjust Fasting by percentage and it does not scale advice calculations.

Advice Options – Meal Rise, Snack Size, Acting Time, and Offset Time

Advice Options help to make sure that Bolus Advice does not recommend a second bolus for a blood sugar event, such as a meal or a high bG level, that has already been covered by a previous bolus.

	Time Blocks	
Start	End	
0:00	5:30	
5:30	11:00	
11:00	17:00	
17:00	21:30	
21:30	0:00	
Back		

Meal Rise

After a meal, bG levels usually increase by a noticeable amount, even in people without diabetes. Depending on the type of meal, your bG can reach a maximum about an hour after your meal and return to its original level after another one to two hours. This is a normal process, so Bolus Advice takes this into account using Meal Rise.



Fig. 1: Meal Rise

The dotted line shows how your bG level typically changes after a meal bolus. Bolus Advice tolerates an increased bG level within the Meal Rise range (green) without calculating an extra correction bolus. Each time you tell Bolus Advice that you have consumed more carbohydrates than the Snack Size, the Meal Rise entry is added to the bG target value. How long the Meal Rise lasts (the width of the green area) is determined by the Offset Time and the Acting Time.

Snack Size

The Snack Size defines a certain amount of carbohydrates for which a meal bolus is calculated, but no Meal Rise is triggered. No bG level above the Target Range or currently allowed bG is tolerated for this amount of carbohydrates, so Bolus Advice will calculate a correction bolus for any increase in bG after a snack.

Acting Time

The Acting Time is the time for which the insulin delivered as a bolus is still effective. It is the whole time for which an increase in bG after a meal bolus or a correction bolus is taken into account. Bolus Advice will not recommend a correction bolus for this time if your current bG level is less than the bG level covered by the previous bolus (Meal Rise or a corrected high bG).

To choose the correct value for the Acting Time, you and your healthcare professional should think about the following:

- Whether you use rapid-acting insulin analogue or fast-acting regular human insulin (the Acting Time should be longer for regular insulin)
- Your average bolus amount (the larger your average bolus amount, the longer the Acting Time should be)

You can program the Acting Time from 1¹/₂ to 8 hours.



Offset Time

The Offset Time is the time taken for the bolus to take effect. After the Offset Time, your bG level should decrease because of the insulin, and at the end of the Acting Time it should return to the target level.

The Offset Time must be at least 45 minutes, and the maximum value will be limited by the Acting Time that you choose.



Appendix

Example

The following example explains the effect of the Offset Time and Acting Time:



Fig. 2: Example blood-sugar curve (bG-level)

You calculate and administer a correction bolus at 12 o'clock. The insulin needs time to become effective, so your bG value (dotted line) may not be significantly reduced, even by 2 o'clock. (If you had not administered the correction bolus, your bG might even have increased.) You measure your bG at 2 o'clock and it is nearly the same as at 12 o'clock. Between 2 o'clock and 4 o'clock the effect of the correction bolus, which is still active, will decrease your bG level to a value within the Target Range.



Fig. 3: Example blood-sugar curve - double dosage

However, at 2 o'clock, if Bolus Advice took only your current bG value into consideration, it would ignore the ongoing effect of your correction bolus. It would then recommend an additional bolus to compensate for the raised bG value. Where the effect of the two boluses overlap it could lead to a hypo-glycemia (red line), because you would have had two boluses for the same blood-sugar excursion.

Therefore, Bolus Advice always compares your bG result with the currently allowed bG value, and not just with the target value for the current Time Block.

The currently allowed bG value considers the following factors:

- The upper limit of the Target Range for your current Time Block
- Excursions beyond the Target Value that have had a correction bolus that is still active (Acting Time)
- bG values that were tolerated as a Meal Rise and which have had a meal bolus that is still active (Acting Time)
- The expected reduction of your bG level due to the effect of insulin during the Acting Time (the decrease between the end of Offset Time and end of Acting Time)





Fig. 4: Corrected high bG

The above diagram shows an example of the effect of this rule. The first correction bolus at 12 o'clock remains active during the Acting Time (the width of the blue area). If a measured value at 2 o'clock falls within the currently allowed bG value (height of the blue area), no new correction bolus is calculated.

Appendix



Fig. 5: Subsequent boluses

Where the measured value is greater than the currently allowed bG value, the newly calculated bolus (light-blue) only considers the difference between the current bG value (dotted line) and the currently allowed bG value (the height of the blue area). During the Acting Time of the first correction bolus (the width of the blue area), only the currently allowed bG value is used to calculate the second bolus.





Fig. 6: Subsequent meal boluses

Subsequent meals

If you eat several meals in a row, the Meal Rise will not add up, but start afresh for each new meal bolus.

Appendix C

The Mathematical Basis for Bolus Calculations

Below is a list of the most important formulas and principles that Bolus Advice uses to calculate your bolus. It is difficult to accurately calculate a bolus yourself using these formulas (remembering to include the Acting Time and Offset Time of your most recent boluses). This is why Bolus Advice is so useful. It will save you a lot of time and avoids the risk of mistakes in your calculations.

Carbohydrates

This calculation is required when the bG result falls below the Hypo Warning Limit. It is based on the other values defined for the current Time Block, and the result recommends how much carbohydrate you should consume.



, The words written in orange in the formula refer to the setting that you find on the meter screen.

Meal bolus

Meal bolus = Carbohydrate intake \times Carbohy	unn nydrates
from Car	arb Ratio

Currently Allowed bG Value

The currently allowed bG Value considers all blood sugar excursions, that have already been treated by a meal- and/or correction- bolus. For all bG test results below the currently allowed bG value no correction will be recommended. The currently allowed bG value is calculated as follows:

Currently allowed =	Target Range mean value	+ Meal rise +	Σ	blood glucose range covered by correction bolus
A	according to block definition			currently acting correction boluses

When no Meal Rise or correction bolus Acting Time is in effect, the value for these in the formula is 0.

Correction Bolus

Generally, a correction bolus is only calculated if your current bG value is above the hypo bG warning limit and outside of the Target Range. Additionally, it must be above the currently allowed bG value. Only correction boluses greater than 0 will trigger an Acting Time.



The size of the correction bolus depends on the following:

- If your bG is higher than the currently allowed bG, then: Correction bolus = (current bG – currently allowed bG value) × Insulin Sensitivity
- If the current bG is higher than the Hypo Warning Limit, and the current bG is lower than Target Range lower limit, then the correction bolus that is subtracted from the meal bolus is:

 $\label{eq:correction} \begin{array}{l} \mbox{Correction bolus} = (\mbox{current bG} - \mbox{Target Range average value}) \times \mbox{Insulin Sensitivity} \end{array}$

Correction Bolus with Carbohydrate Intake

Whenever you tell Bolus Advice that you have consumed carbohydrates, the related meal bolus is always offset against any correction bolus (even negative). When you eat a meal, Bolus Advice also calculates the correction bolus for bG results that are within the Target Range; more specifically, if your current bG result is below the Target Range average value, or if your current bG is above the currently allowed bG value.

Boluses that are calculated to be less than 0 are just displayed as 0.



Changing your Meter Settings

1. From main menu press \triangle or \bigtriangledown to move to Settings.

10:02 am	2 Feb 08
🍐 bG Test	
Bolus Advice	
🔒 My Data	
Settings	

- 2. Press \bigcirc to enter. The Settings screen appears.
 - 10:02
 2 Feb 08

 Preminders
 Bolus Advice

 Preminders
 Meter

 Preminders
 Sound/Vibrate

 Preminders
 Time/Date

 Preminders
 Time Blocks

 Menu
 Menu
- Use △, マ and to edit the particular setting as needed.
 Where appropriate, press to save and exit.

> bG Test Reminders	 After High bG After Low bG After Meal
> Alarm Clock	› hh:mm (×8)
 Date Reminders 	 Dr. Visit Lab Test
Time Blocks	 End Target Range Carb Ratio Insulin Sensitivity
 Health Events 	 Exercise 1 Exercise 2 Stress Illness Premenstrual
 Advice Options 	 Meal Rise Snack Size Acting Time Offset Time
> Warning Limits	 Hyper (high) Hypo (low)
> Key Lock	> ON/OFF
> Language	
→ Units	 Grams, BE, KE, CC Max Bolus Insulin increment
> Beeper	
> Vibrate	
Key Sound	
Time Format	
> Time	
> Date	
	 > bG Test Reminders > Alarm Clock > Date Reminders > Time Blocks > Time Blocks > Health Events > Advice Options > Advice Options > Warning Limits > Key Lock > Language > Units > Beeper > Vibrate > Key Sound > Time Format > Time > Date

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