



## User's Manual for Single Patient Use Only

Blood Glucose Meter



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**ACCU-CHEK®**

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## Contents

Important Safety Information .....	3
Chapter 1: Your New System .....	9
Chapter 2: The Accu-Chek FastClix Lancing Device .....	19
Chapter 3: Blood Glucose Tests.....	23
Chapter 4: Control Tests.....	37
Chapter 5: Meter Settings.....	43
Chapter 6: Review Your Data.....	63
Chapter 7: Wireless Communication and Meter Pairing .....	81
Chapter 8: Meter and Lancing Device Cleaning and Disinfecting.....	95
Chapter 9: Meter Maintenance and Troubleshooting .....	103
Chapter 10: Technical Information .....	113
Chapter 11: License and Warranty .....	121
Index .....	125

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## Important Safety Information

### The Accu-Chek Guide System

The Accu-Chek Guide blood glucose monitoring system is comprised of the Accu-Chek Guide meter and Accu-Chek Guide test strips.

The Accu-Chek Guide blood glucose monitoring system is intended to quantitatively measure glucose in fresh capillary whole blood from the finger, palm, and upper arm as an aid in monitoring the effectiveness of glucose control.

The Accu-Chek Guide blood glucose monitoring system is intended for in vitro diagnostic single-patient use by people with diabetes.

The Accu-Chek Guide blood glucose monitoring system is intended to be used by a single person and should not be shared.

This system is not for use in diagnosis or screening of diabetes mellitus, nor for neonatal use.

The system includes:

Accu-Chek Guide meter with batteries, Accu-Chek Guide test strips,\* Accu-Chek Guide control solutions,\* Accu-Chek FastClix lancing device,\* Accu-Chek FastClix lancet drums.\*

\*Some items may not be included in the kit. They are a separate purchase.

#### WARNING

Choking hazard. Small parts. Keep away from children under the age of 3 years.

#### NOTE

- The term “blood glucose” is used when referring to “blood sugar.”
- Sample data screens are shown throughout the manual. Your data will differ.

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## Important Safety Information

### Limitations

- The Accu-Chek Guide test strips are for testing fresh capillary whole blood.
- Hematocrit should be between 10–65 %.
- Not for use in diagnosis or screening of diabetes mellitus.
- Not for neonatal use.
- Do not use this system if you are taking a high dose of vitamin C (ascorbic acid) in excess of 5 mg/dL.
- Do not use the meter system to measure blood glucose in people who are experiencing cardiovascular collapse (severe shock) or decreased peripheral blood flow.
- Not for use by patients undergoing xylose absorption testing.
- Not for use on critically ill patients, patients in shock, dehydrated patients, or hyperosmolar patients.
- This system has not been tested at altitudes higher than 10,150 feet.

DRAFT

## Important Safety Information

### Need Help?

For questions, contact the Accu-Chek Customer Care Service Center toll-free at 1-800-858-8072. Hours of operation are Monday through Friday between 8:00 am and 8:00 pm eastern standard time (EST). We offer assistance in many languages. You can also visit accu-cheek.com for diabetes management tools and product demonstrations.

Please complete the warranty card and mail it, so you receive the best customer service possible and product update news. Or register your warranty online at accu-cheek.com.

### About Testing Yourself or Others

#### WARNING

- DO NOT CHANGE YOUR THERAPY BASED ON A TEST RESULT THAT DOES NOT MATCH HOW YOU FEEL OR IF YOU BELIEVE THAT YOUR TEST RESULT COULD BE INCORRECT.
- It is always a good idea to have a back-up testing method available. Failure to test could cause a delay in therapy decisions and lead to a serious medical condition. Examples of back-up testing methods include a back-up meter or testing by a laboratory. Ask your healthcare professional or pharmacist about other possible back-up methods.
- If your blood glucose result does not match how you feel and you have followed the instructions in this User's Manual, follow your healthcare professional's instructions, or contact your healthcare professional.

DRAFT

## Important Safety Information

### WARNING

- During normal testing, any blood glucose meter or lancing device may come in contact with blood. All parts of the kit are considered biohazardous and can potentially transmit infectious diseases from bloodborne pathogens, even after you have performed cleaning and disinfecting.<sup>1,2</sup>
- The meter and lancing device should never be used by more than one person. Do not share the meter and lancing device with anyone, including family members, due to the risk of infection from bloodborne pathogens.<sup>1,2</sup> Do not use on multiple patients!
- Cleaning and disinfecting the meter and lancing device destroys most, but not necessarily all, bloodborne pathogens.<sup>3</sup>
- If the meter is being operated by a second person who is providing testing assistance to the user, the meter and lancing device should be cleaned and disinfected prior to use by the second person.
- Disinfect the meter and lancing device before allowing anyone else to handle them. Do not allow anyone else to test with the meter or lancing device.
- It is important to keep the meter and lancing device clean and disinfected. For instructions on how to clean and disinfect the meter and lancing device, see the chapter **Meter and Lancing Device Cleaning and Disinfecting**.
- Wash hands thoroughly before and after handling the meter, lancing device, or test strips.

DRAFT

## Important Safety Information

### NOTE

- Perform a control test when you open a new test strip box or if you think that a test result is incorrect. Performing a control test lets you know that the meter and test strips are working properly.
- Refer to the test strip and control solution package inserts for additional health-related information.
- Blood glucose and BG are interchangeable and mean the same thing.

### Special Information for Caregivers

- Consult your healthcare professional to determine if it is appropriate for your child to be taught how to use the meter system or any other medical products.
- Some people with diabetes do not experience symptoms of low blood glucose (hypoglycemia). Others, such as children or people who are unconscious or have certain disabilities, may not be able to communicate their symptoms to caregivers. For these reasons, do not change any therapy without first talking to a healthcare professional.

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## Important Safety Information

### Before You Start Testing

#### WARNING

- Carefully read and follow the instructions in the User's Manual and package inserts for the test strips and control solutions. It is very important to follow the instructions in order to avoid an incorrect test result that leads to improper therapy.
- Inspect the test strip container before using the test strips for the first time. If you see any damage to the container cap or if anything prevents the cap from closing properly, do not use the test strips. Contact the Accu-Chek Customer Care Service Center. Damaged test strips can cause inaccurate results, which could lead to improper therapy.
- The meter, test strips, and control solution are only for use outside the body (in vitro). Do not eat the test strips. Do not swallow or inject the control solution or use the control solution for any purpose other than testing the Accu-Chek Guide system.

#### NOTE

- The meter may prompt you to choose a language the first time you turn it on.
- Check the time and date on the meter before you begin testing. Adjust the time and date if necessary.

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## The Accu-Chek Guide Meter



Front View

Back View

Side View

### 1. Display

Shows results, messages, and test results stored in memory.

### 2. Back Button

Returns to a previous display or field.

### 3. Up Arrow and Down Arrow Buttons

Press to move between menu options or to increase or decrease numbers.

### 4. Power/Set/OK Button

Turns meter on or off and sets options.

### 5. Test Strip Slot with Light

Insert test strip here.

### 6. Battery Door

Flip open to replace batteries.

### 7. Micro USB Port

Transfers data from the meter to a computer (PC).

### 8. Test Strip Ejector

Press to remove test strip.

DRAFT

# 1

## Your New System



(for example)



Test Strip

10

14



12

13



**9. Test Strip Container\***

**10. Metallic End**

Insert this end into meter.

**11. Yellow Edge**

Touch blood drop or control solution here.

**12. Control Solution Bottle\***

**13. Batteries**

**14. USB Cable\***

Connects the meter to a PC.

\*Some items may not be included in the kit.  
They are a separate purchase.

DRAFT

## The Accu-Chek FastClix Lancing Device



- 1. Cap**  
For fingertip testing.
- 2. Comfort Dial with Depth Selection**  
Select penetration depth.
- 3. Penetration Depth Indicator**  
Points to depth setting.
- 4. Lever**  
Advance to a new lancet.
- 5. Lancet Counter Window**  
Shows number of available lancets.
- 6. Release Button**  
Press to prime and prick.
- 7. Lancet Drum**  
Contains 6 lancets.

### NOTE

Some items may be sold separately.

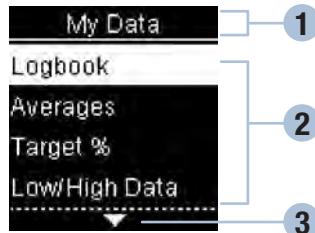
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## Button Functions

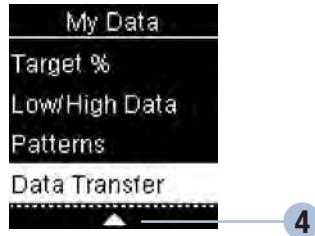
Here are the functions of the back, arrow, and Power/Set/OK buttons on the meter. These functions are used throughout this manual. See the chapter **Meter Settings** for specific instructions on setting up the meter.

Button	Function
	Return to the previous display. Return to the previous field.
	Navigate up and down in a menu. Increase or decrease a number.
	Press briefly to turn the meter on. Press and <b>hold</b> to turn the meter off. Press to select an option. Press to move to the next field or display. Press to save an option. With the meter off, press and <b>hold</b> to check the meter display.

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**Meter Menus**

- ① Title of display or menu
- ② Menu options
- ③ Scroll down
- ④ Scroll up

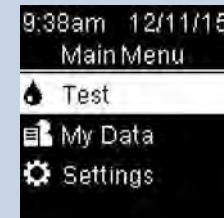


4

Display	Description
	There are more menu options listed beneath the last option. Press ▶ on the meter to view the options.
	There are more menu options listed above the first option. Press ▶ on the meter to view the options.
	There are more menu options listed above and below the options. Press ▶ or ▶ on the meter to view the options.

**DRAFT**

## Your New System

Display	Description
	Highlighted option ( <b>Test</b> ) Press <b>OK</b> to enter the <b>Test</b> menu.
	Highlighted field ( <b>Hour</b> ) Press <b>▲</b> or <b>▼</b> to increase or decrease the hour. Press <b>OK</b> to set the hour and move to the minutes field.

DRAFT

## Symbols

Here is a list of the symbols on the meter display.

Symbols	Description
	Above target range
	After meal
	Bedtime
	Before meal
	Below target range
	Blood glucose test
	Checkmark / Control test OK / Selected option or setting
	Control bottle
	Control test not OK
	Edit
	Error
	Fasting

**DRAFT**

## Your New System

Symbols	Description
	Flight mode
	Help
	Low battery
	My data
	No comment
	Other
	Overall
	Settings
	Test reminder
	Warning
	Within target range

DRAFT

## Set the Language

The meter may prompt you to choose a language the first time you turn it on.



### NOTE

If you select the wrong language and cannot correct it, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

**DRAFT**

DRAFT

## The Accu-Chek FastClix Lancing Device | 2

### Using the Accu-Chek FastClix Lancing Device

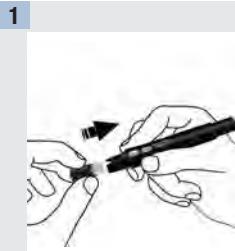
	<ul style="list-style-type: none"><li>• The black cap is for fingertip testing only.</li><li>• Remember that the opening where the lancet comes out is not in the center of the cap.</li><li>• Remove the cap by pulling it straight off. Do not twist the cap.</li></ul>
	<ul style="list-style-type: none"><li>• A new lancet drum is dark gray with a white end.</li></ul>
	<ul style="list-style-type: none"><li>• A used lancet drum has a visible red stripe on the white end.</li><li>• You cannot reuse a used lancet drum.</li><li>• Do not remove the lancet drum until you have used all 6 lancets.</li></ul>
	<ul style="list-style-type: none"><li>• The penetration depth indicator on the comfort dial shows the current depth setting. The higher the number, the deeper the penetration. The best depth setting is the lowest number that lets you get enough blood for a test. Try different depth settings to find the one that is right for you.</li><li>• For soft skin, we suggest a depth setting of 2. For thick skin, try a higher depth setting.</li></ul>

DRAFT

## 2 | The Accu-Chek FastClix Lancing Device

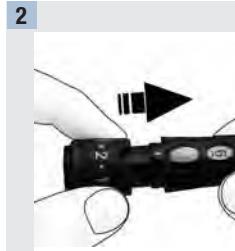
### Inserting a Lancet Drum

You must first load the lancet drum into the lancing device to get it ready for use.



Remove the cap.

Insert a new lancet drum, white end first, until it clicks firmly into place.



Slide the cap on until it stops by aligning the notch on the cap with the notch on the lancing device.



You are now ready to use the first lancet.

The lancet counter shows a number 6, meaning you have 6 new lancets remaining.

#### NOTE

Once the lancet drum is inserted into the lancing device, do not remove the lancet drum until completely used. The lancet drum cannot be reused once it has been removed from the lancing device.

#### WARNING

You must not insert the lancet drum into the lancing device and simultaneously press the release button or hold the lancing device with the release button resting on a surface such as a table top. This could release a lancet and inadvertently cause injury.

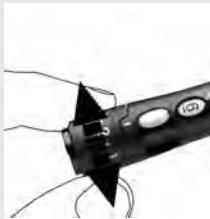
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# The Accu-Chek FastClix Lancing Device

2

## Using the Accu-Chek FastClix Lancing Device

1

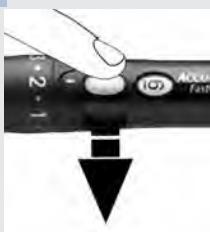


Adjust the lancet depth by turning the comfort dial.

2

Obtain a blood drop. See the chapter **Blood Glucose Tests**.

3



Advance to the next lancet by sliding the lever forward and back all the way.

The number in the lancet counter decreases by 1.

The lancet counter window shows the number of remaining lancets.

### NOTE

- ALWAYS use a new, sterile lancet each time you test to avoid infection.
- For safety reasons, once you advance to a new lancet, you cannot go back to a used lancet.
- NEVER reuse a lancet.
- NEVER share your lancing device with anyone.

DRAFT

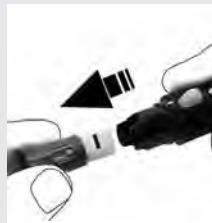
21

## 2 | The Accu-Chek FastClix Lancing Device

### Changing the Lancet Drum

When you have used the sixth and last lancet, change the lancet drum.

1



Remove the cap.

Hold the lancet drum between your thumb and index finger and pull it straight out.

A red stripe is visible on the white part, indicating that the lancet drum has been used.

2



Throw the old lancet drum away.

**Always discard according to local regulations.**

3



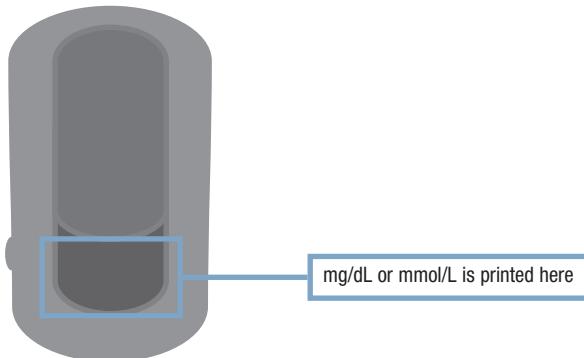
Insert a new lancet drum, white end first, until it clicks firmly into place.

Slide the cap back on until it stops by aligning the notch on the cap with the notch on the lancing device.

**DRAFT**

### WARNING

- The meter and lancing device should never be used by more than one person. Do not share the meter and lancing device with anyone, including family members, due to the risk of infection from bloodborne pathogens.<sup>1,2</sup> Do not use on multiple patients!
- Blood glucose results can be displayed in either mg/dL or mmol/L. The back label of the meter shows the unit of measurement. If the meter shows the wrong unit, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072. If you do not know which unit of measurement is correct for you, contact your healthcare professional. Using the wrong unit of measurement may cause misinterpretation of your actual blood glucose level and may lead to improper therapy.



**DRAFT**

# 3

## Blood Glucose Tests

### Using the Accu-Chek Guide System

- Use only Accu-Chek Guide test strips.
- Use the test strip immediately after removing it from the test strip container.
- Do not apply blood or control solution to the test strip before inserting it into the meter. If you applied blood or control solution before inserting the test strip into the meter, retest with a new test strip. If a result appears before applying blood or control solution, do not act on that result.
- Close the test strip container tightly immediately after removing a test strip. Moisture can damage the test strips and produce incorrect results.
- Store the unused test strips in their original container with the cap tightly closed.
- Discard the test strips if they are past the **Use By** date printed on the test strip container. If the **Use By** date is missing or cannot be read, do not use the test strips. Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.
- Refer to the test strip package insert for test strip storage and system operating conditions.
- Do not remove test strips from the test strip container and put them into another container, such as a plastic bag, pocket, purse, wallet, etc.
- Do not reuse test strips. Once control solution or blood has been applied to a test strip, discard it. If a retest is necessary, use a new test strip.
- Perform a control test every time you open a new test strip box.

DRAFT

### WARNING

To prevent inaccurate results:

- DO NOT expose test strips to heat, moisture, or humidity. Temperatures outside the required range, as well as moisture and humidity, can damage the test strips and lead to inaccurate results.
- DO NOT bend, cut, or alter the test strips.
- DO NOT get dirt, food, or other material on the test strip.

### Performing a Blood Glucose Test with Blood from Your Fingertip

Refer to the **Important Safety Information** section at the beginning of this manual.

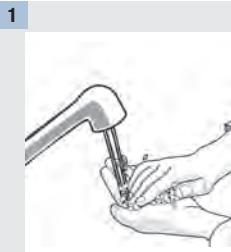
### NOTE

- Before you perform your first blood glucose test, set up the meter correctly.
- You need the meter, a test strip, and a lancing device with a lancet drum loaded to perform a blood test.
- A blood glucose test cannot be performed while the meter is connected to a PC with a USB cable.
- There are 2 ways to start a blood glucose test.
  - Insert a test strip into the meter.
  - Turn the meter on by briefly pressing **OK**. Select **Test** > **OK**.

**DRAFT**

### 3

## Blood Glucose Tests



Wash your hands with warm soapy water and dry thoroughly. Dirty or wet hands could affect test results.



Adjust the comfort dial.

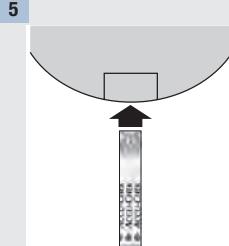


Check the **Use By** date on the test strip container.

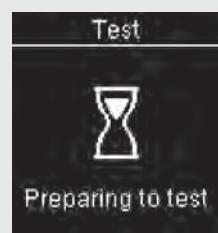
Do not use test strips past the **Use By** date.



Remove a test strip from the test strip container. Close the cap tightly.



Insert the metallic end of the test strip into the meter.



The meter turns on. **Preparing to test** appears.

DRAFT

## Blood Glucose Tests | 3

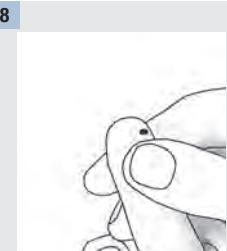


When **Apply drop** appears, obtain a blood drop.

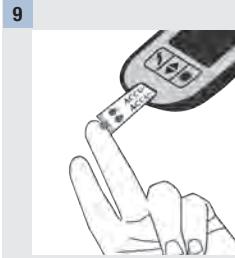


Press the lancing device firmly against the side of your fingertip.

Press the release button all the way down to prick your finger.



Gently squeeze your finger to assist the blood flow. This helps you get a blood drop.



Touch the **yellow edge** of the test strip to the blood drop. Remove your finger from the test strip when **Analyzing** appears. Do not put blood on top of the test strip.



The test result appears on the display.

You have the option of adding a comment to the test result by pressing OR proceed to Step 13 to complete the test.

## 3

## Blood Glucose Tests



**Add Comment** appears. Press **▼** to highlight a comment. Press **OK** or **◀** to set the comment for the result. See the **Adding Comments to Blood Glucose Results** section of this chapter for details.



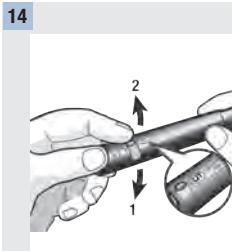
The final result appears. Press **OK** or **◀** to set the comment and return to **Main Menu**. Or to change the comment, press **▼** to select the comment.

Press **OK** to return to **Add Comment**.



Press here to eject test strip

Remove and discard the used test strip by pulling the test strip out of the meter or by pushing the test strip ejector on the side of the meter.



Advance to the next lancet.



Wash hands thoroughly with soap and water.

DRAFT

## Blood Glucose Tests | 3

### Blood Glucose Warnings

If your blood glucose result is outside the measurement range of the meter, a warning is displayed. Press  to acknowledge the LO or HI warning, OR the meter automatically moves to the LO or HI result display.

<p> <b>WARNING</b> LO Result</p> <p>Retest BG. Contact your healthcare professional.</p>	<p>9:38am 12/11/15</p> <p><b>LO</b></p> <p>Add Comment</p> <hr/>	<p>Blood glucose may be lower than the measurement range of the system. See the <b>Unusual Blood Glucose Results</b> section of this chapter.</p>
<p> <b>WARNING</b> HI Result</p> <p>Consider checking BG, ketones, and insulin.</p>	<p>9:38am 12/11/15</p> <p><b>HI</b></p> <p>Add Comment</p> <hr/>	<p>Blood glucose may be higher than the measurement range of the system. See the <b>Unusual Blood Glucose Results</b> section of this chapter.</p>

**DRAFT**

## 3 | Blood Glucose Tests

### Adding Comments to Blood Glucose Results

#### NOTE

Analyzing your blood glucose results stored in the meter is an effective way for you and your healthcare professional to determine how well you are controlling your diabetes. This analysis is a valuable tool for making improvements to your diabetes management. Use care when adding comments to blood glucose results. Incorrect comments can cause inaccurate patterns to be detected by the meter if Patterns is **On**.

#### Overview

It is very important to have the correct time and date set in the meter. Having the correct time and date setting helps ensure accurate interpretation of information by you and your healthcare professional.

- You may add comments to blood glucose results to help you and your healthcare professional analyze patterns detected by the meter (see the **Patterns** section in the chapter **Meter Settings** for details).
- If Patterns is set to **On**, once a pattern is detected you may NOT change the comment attached to a blood glucose result (see the **Patterns** section in the chapter **Meter Settings** for details).
- Adding a comment saves the comment and the symbol with the blood glucose results.

DRAFT

## Blood Glucose Tests | 3

Here is a list of comment symbols that can be added to a blood glucose result.

Symbols	Name	Description
	Before meal	If Patterns is <b>On</b> , select Before breakfast, lunch, dinner, or snack (see the following page for adding comments with Patterns <b>On</b> ).
	After meal	If Patterns is <b>On</b> , select After breakfast, lunch, dinner, or snack (see the following page for adding comments with Patterns <b>On</b> ).
	Fasting	Select Fasting for no caloric intake for at least 8 hours.*
	Bedtime	
	Other comment	You can use this comment to mark an event such as an AST result or exercise.
	No entry	<ol style="list-style-type: none"><li>1. You do not want to add a comment.</li><li>2. You want to remove a comment for the current blood glucose result.</li></ol>

\* American Diabetes Association: Standards of Medical Care in Diabetes-2013.

DRAFT

## 3

## Blood Glucose Tests



After performing a blood glucose test, the test result is displayed on the screen with **Add Comment** highlighted. Press **OK** to add a comment.



The **Add Comment** menu appears. Press **OK** to highlight the desired comment. (The example here is **Before meal**.) Press **OK** to select the comment.



**If Patterns feature is On:**  
If **Patterns** is **On** and you select **Before meal** or **After meal**, press **OK** to select a specific meal (**Breakfast**, **Lunch**, **Dinner**, or **Snack**). Press **OK** to set the selected meal for the test result.



The final result appears with the comment symbol. Press **OK** or **OK** to set the comment and return to **Main Menu**.

To change the comment, press **OK** to select the comment. Press **OK** to return to **Add Comment**.

**DRAFT**

## Blood Glucose Tests | 3

### Performing a Blood Glucose Test with Blood from Your Palm or Upper Arm (Alternate Site Testing)

#### WARNING

- Do not use Alternate Site Testing to calibrate a continuous glucose monitoring system or to make insulin dosing calculations.
- Alternate site testing should be done only during steady-state times (when glucose is not changing rapidly).

You have the option of obtaining a blood sample from other sites on your body besides the fingertip. Alternate sites include the palm and upper arm.

Blood obtained from the fingertip can be used at any time to test blood glucose.

If blood from an alternate site is used, there are certain times when testing is not appropriate. This is because your blood glucose level changes faster in your fingertip than in the alternate sites. These differences may cause you to misinterpret your actual blood glucose level, leading to improper therapy and potential adverse health effects.

Read the next section before you try testing from alternate sites.

You may perform a palm or upper arm test	<ul style="list-style-type: none"><li>• immediately before a meal.</li><li>• while fasting.</li></ul>
You may NOT perform a palm or upper arm test	<ul style="list-style-type: none"><li>• up to 2 hours following a meal, when blood glucose values can rise quickly.</li><li>• after injecting bolus insulin, when blood glucose values can decrease rapidly.</li><li>• after exercise.</li><li>• if you are sick.</li><li>• if you think your blood glucose is low (hypoglycemia).</li><li>• if you sometimes do not notice when your blood glucose is low.</li></ul>

If you are interested in AST, talk to your healthcare professional first.

To obtain an AST cap and detailed AST instructions, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

DRAFT

## 3 | Blood Glucose Tests

### Unusual Blood Glucose Results

If your blood glucose result does not match how you feel, follow these steps:

1. Perform a control test. See the chapter **Control Tests**.
2. Repeat the blood glucose test.

If your blood glucose result still does not match how you feel, follow your healthcare professional's instructions or call your healthcare professional immediately.

#### NOTE

Always follow your healthcare professional's instructions. For example, if your healthcare professional has advised you to immediately treat a low blood glucose result (such as by eating something), then do that first.

#### WARNING

- Do not change your treatment because of one blood glucose result.
- NEVER ignore symptoms of low or high blood glucose.

DRAFT

## Symptoms of Low or High Blood Glucose

### WARNING

The meter is designed to provide a numerical value for blood glucose in the range of 20–600 mg/dL. If you receive a numerical value below 20 mg/dL or above 600 mg/dL and it does not match how you feel, contact the Accu-Chek Customer Care Service Center toll-free at 1-800-858-8072.

Being aware of the symptoms of low or high blood glucose can help you understand your test results and decide what to do if they seem unusual.

Low blood glucose (hypoglycemia): Symptoms of hypoglycemia may include, but are not limited to, anxiety, shakiness, sweating, headache, increased hunger, dizziness, pale skin color, sudden change in mood or irritability, fatigue, difficulty concentrating, clumsiness, palpitations, and/or confusion.

High blood glucose (hyperglycemia): Symptoms of hyperglycemia may include, but are not limited to, increased thirst, frequent urination, blurred vision, drowsiness, and/or unexplained weight loss.

If you are experiencing any of these symptoms, or other unusual symptoms, test your blood glucose from the fingertip. If your blood glucose result is displayed as LO or HI, follow your healthcare professional's instructions or contact your healthcare professional immediately. If your blood glucose result does not match how you feel, follow the steps in **Unusual Blood Glucose Results**.

## Comparing Your Meter Result to a Laboratory Result

A common question is how the blood glucose results on the meter compare to the laboratory results. Your blood glucose can change quickly, especially after eating, taking medication, or physical activity. If you test yourself in the morning, then go to your healthcare professional's office for a blood glucose test, your test results will probably not match, even if you are fasting. This is typically not a problem with the meter, it just means that time has elapsed and your blood glucose level has changed.

Although you always apply fresh capillary whole blood to the test strip, the system has been calibrated to deliver plasma-like values for easier comparison to laboratory results.

If you want to compare your meter result to the laboratory result, **you must be fasting**. Take the meter to your healthcare professional's office and test yourself by fingerstick within 5 minutes of having blood drawn from your arm by a healthcare professional. Keep in mind that the laboratory uses different technology than the meter and that blood glucose meters for self-testing generally read somewhat lower than the laboratory result.

DRAFT

3

## Blood Glucose Tests

DRAFT

## When to Perform a Control Test

Performing a control test lets you know the meter and test strips are working properly. You should perform a control test when:

- you open a new test strip box.
- you left the test strip container open.
- you think the test strips are damaged.
- you want to check the meter and test strips.
- the test strips were stored in extreme temperatures, humidity, or both.
- you dropped the meter.
- your test result does not match how you feel.
- you want to check if you are performing the test correctly.

## About the Control Solutions

- Use only Accu-Chek Guide control solutions.
- Close the control solution bottle tightly after use.
- Write the date you open the control solution bottle on the bottle label. The control solution must be discarded 3 months from the date the control solution bottle was opened (discard date) or on the **Use By** date on the bottle label, whichever comes first.
- Do not use control solution that is past the **Use By** or discard date.
- Refer to the control solution package insert for control solution storage conditions.
- The meter automatically recognizes the difference between the control solution and blood.
- The control results are not displayed in memory.
- The control solution can stain fabric. Remove stains by washing with soap and water.
- Control solution is available for purchase. To order the control solution, talk to your pharmacist or visit [accu-chek.com](http://accu-chek.com) to order online.

DRAFT

## 4

## Control Tests

### Performing a Control Test

You need the meter, a test strip, and control solution Level 1 or Level 2.

1



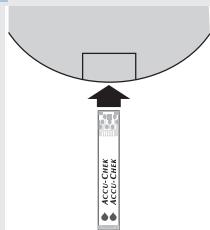
Check the **Use By** date on the test strip container.  
Do not use test strips past the **Use By** date.

2

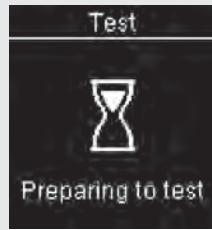


Remove a test strip from the test strip container.  
Close the cap tightly.

3



Insert the metallic end of the  
test strip into the meter. Place  
the meter on a flat surface.



The meter turns on. **Preparing  
to test** appears.



**Apply drop** appears.

DRAFT

## Control Tests | 4

4



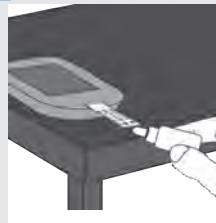
Select the control solution to test. You will enter the level later in the test.

5



Remove the bottle cap. Wipe the tip of the bottle with a tissue. Squeeze the bottle until a tiny drop forms at the tip.

6



Touch the drop to the **yellow edge** of the test strip. Do not put control solution on top of the test strip.



**Analyzing** appears when there is enough control solution in the test strip.

**DRAFT**

## 4

## Control Tests

7

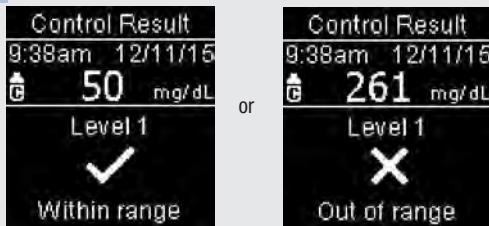


**Control Result** and the control bottle symbol appear.

Press ▶ or ▶ to select the control level you tested. If you do not select a level, the control result is saved without a control level.

Press **OK**.

8



**Within range** and ✓ appear if the control result is within range.

**Out of range** and ✗ appear if the control result is out of range.

**DRAFT**

9



Wipe the tip of the bottle with a tissue. Cap the bottle tightly.

Remove and discard the used test strip.

### NOTE

- Most people just test the Level 1 control. If you wish, you can also test a Level 2 control. A set of Level 1 and Level 2 control solutions is available for purchase.
- The ranges for Level 1 and Level 2 control solutions are printed on the test strip container label.
- The meter turns off 90 seconds after a successful test or 15 seconds after the test strip is removed, provided no other action is taken.

**DRAFT**

## 4 Control Tests

### Understanding Out-of-Range Control Results

#### WARNING

The control range applies only to a control result. It only indicates that the test strips and meter are working properly. Do not use a control result to interpret blood glucose results.

If the control result is out of range, do not use the meter until you solve the problem. Check this list to help solve the problem.

Troubleshooting Checks	Action
Were the test strips or control solutions expired?	Discard the test strips or control solution if either is past the <b>Use By</b> date. If the control solution was opened more than 3 months ago, discard it. Repeat the control test with an unexpired test strip and an unexpired control solution.
Did you wipe the tip of the control solution bottle before use?	Wipe the tip of the bottle with a tissue. Repeat the control test with a new test strip and a fresh drop of control solution.
Were the caps on the test strip container and the control solution bottle always closed tightly?	Replace the test strips or control solution if you think either was uncapped for some time. Repeat the control test.
Was the test strip used immediately after it was removed from the test strip container?	Repeat the control test with a new test strip and a fresh drop of control solution.
Were the test strips and control solutions stored in a cool, dry place?	Repeat the control test with a properly stored test strip or control solution.
Did you follow the directions?	Read the chapter <b>Control Tests</b> and repeat the control test.
Did you choose the correct control solution level, either 1 or 2, when you performed the test?	If you chose the wrong control solution level, you can still compare the control result to the range printed on the test strip container.
Are you still unsure of the problem?	Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

DRAFT

## Overview

You can adjust the following settings in the meter for your personal preferences. Refer to the sections later in this chapter for details and how to set the options.

Setting	Options	Function
Time/Date	Time / Date	Set the time and date.
Beeper	On / Off	Select On or Off.
Wireless	Select wireless communication settings. See the chapter <b>Wireless Communication and Meter Pairing</b> .	
Target Ranges	Off / Single Range / 2 Ranges	<p>Select the blood glucose target range appropriate for you.</p> <p><b>NOTE</b></p> <p>Consult your healthcare professional for the appropriate target range for you.</p> <p>Off – no target range arrow symbols appear with blood glucose result. Patterns is <b>Off</b> (see the <b>Patterns</b> section of this chapter for details).</p>
	70–160 mg/dL (pre-set target range)	Single Range – blood glucose results are marked as above, within, or below range based on the single target range set in the meter.
	Before Meal Range 70–110 mg/dL (pre-set target range) After Meal Range 70–160 mg/dL (pre-set target range)	2 Ranges – set Before Meal and After Meal ranges. Blood glucose results are marked as above, within, or below range based on the 2 target ranges (Before Meal and After Meal) set in the meter.



## 5

## Meter Settings

Setting	Options	Function
Patterns	On / Off	On – a pattern is detected when 2 below-target or 3 above-target results with the same comment are detected within a 7-day period.
Reminders	On / Off / Edit time	On – set up to 4 reminders per day to remind you to test
Post Meal	On / Off / Edit time	On – reminds you to perform an after meal blood glucose test.
Last Result	On / Off	Select whether the previous blood glucose result (within the past 24 hours) appears with the current blood glucose result.  On – the previous blood glucose result appears with the current blood glucose result.  Off – only the current blood glucose result appears.
Language		Select the language for the meter.

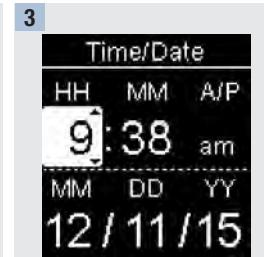
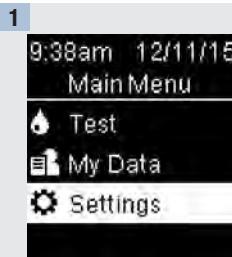
DRAFT

## Meter Settings

Time/Date

5

### Time/Date



Turn the meter on by briefly pressing **OK**. From **Main Menu**, press **OK** to highlight **Settings**. Press **OK**.

**Time/Date** is highlighted. Press **OK**.

Press **OK** or **OK** to adjust each field. Press **OK** to set and proceed to the next field. Set **am** or **pm** if necessary.

Press **OK** to save and return to the previous menu.

DRAFT

45

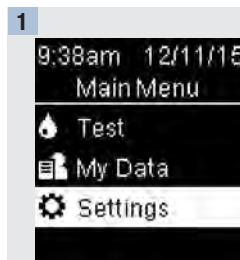
## 5 Meter Settings

### Beeper

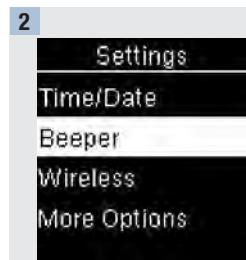
#### Beeper

The beeper prompts you:

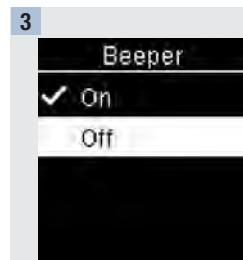
- when a test strip is inserted.
- to apply blood or control solution to the test strip.
- when enough blood or control solution is drawn into the test strip.
- when the blood glucose or control test is complete.
- when the meter is turned on.
- when a button is pressed.
- when it is time to perform a test (if Reminders or Post Meal reminders are **On**).
- when the batteries are inserted.
- when there are no stored blood glucose results or there is an invalid record in the logbook.
- when there are no errors in the error log.
- if an error occurred (even if the beeper is off, it still beeps for an error).



Turn the meter on by briefly pressing **OK**. From **Main Menu**, press **OK** to highlight **Settings**. Press **OK**.



Press **OK** to highlight **Beeper**. Press **OK**.



Press **OK** or **OK** to highlight **On** or **Off**. Press **OK** to move **✓** to the option.

Press **OK** to set the option and return to the previous menu.

DRAFT