



GLUCOMETER



Escambia County, Florida - ALS/BLS Medical Protocol

Ascensia Contour Glucometer

This glucometer is simple to operate with preset factory default parameters as to clock, standard date, and meter features. It calibrates itself every time a test strip is inserted prior to obtaining a blood sample. It has three large buttons and a clear display and is about the size of a large key ring. It has a fast calibration time, utilizes a small blood sample, and delivers the assessment in five seconds from the proper intake of the blood. It should be noted that the blood analysis is of plasma/serum or capillary blood and this can yield values that are 9-15% higher than a laboratory whole blood samples. It is equally as accurate as older devices using the same methodology.



Blood Glucose Testing:

Indications:

Altered sensorium or suspected blood sugar abnormality based on history.

Equipment:

Ascensia Contour Glucometer.

Hypoguard Lancing Device and /or syringe for blood draw.



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Page 1 of 7

Approved by:


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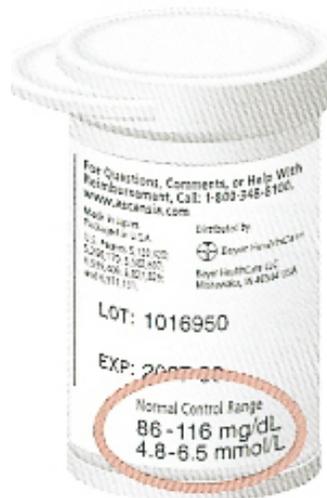
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Setting Up for the Blood Test:

Have all the testing materials you will need ready before you begin testing to include the alcohol or betadine prep, glucometer, lancet, and bandaid and make sure that the temperature range is between 41 degrees and 113 degrees Farenheit to make an accurate assessment.

Make sure all of the test strips have not expired or that it has not been 180 days or six months since they were opened for best accuracy. The discard date should be written on the side of the bottle.



Make sure proper PPE is utilized and remove the test strip from the bottle and ***tightly close the lid immediately after you have removed the test strip.***



Approved: 10/01/2011
Version: 3.1

Page 2 of 7

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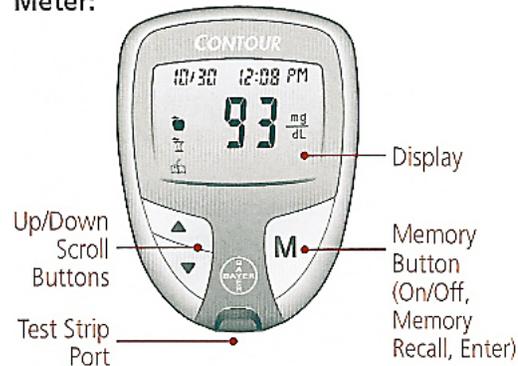

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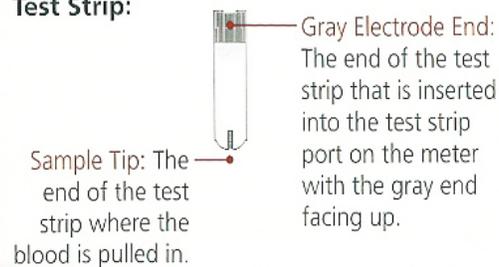
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Your Ascensia® CONTOUR® Meter:



Your Ascensia® CONTOUR™ Test Strip:



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Page 3 of 7

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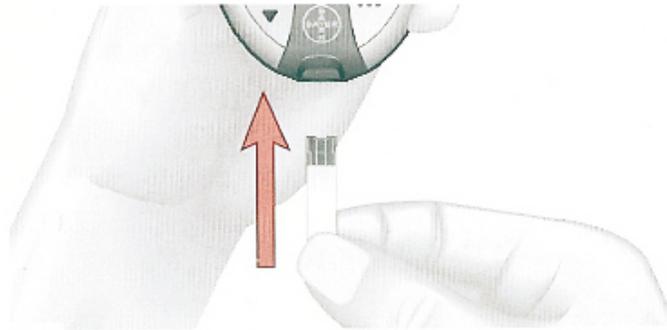
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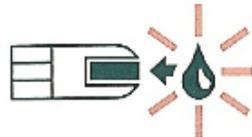
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1. Hold the test strip with the gray end facing up. Insert the gray end of the test strip into the test strip port.



The meter will turn on and a test strip with a flashing blood drop will let you know the meter is ready to test.

2. Obtain the blood drop. See your User Guide or Ascensia *MICROLET* insert for instructions.



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Page 4 of 7

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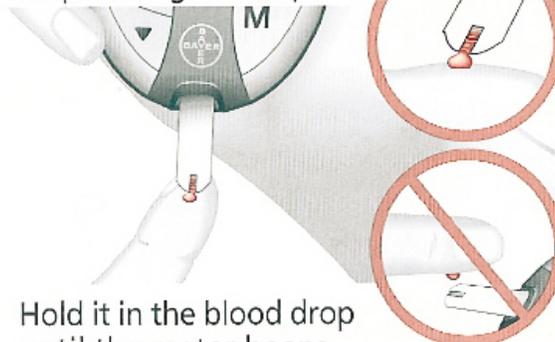
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3. Immediately touch the *tip* of the test strip to the drop of blood. The blood is pulled into the test strip through the tip.



Hold it in the blood drop until the meter beeps.



Your result* is displayed after a five second countdown.



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Page 5 of 7

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Error Messages That May Be Seen:

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
(will remain on display)	Low batteries.	Replace the batteries as soon as possible.
(will flash for 10 seconds then the meter will turn off)	Dead batteries.	Replace the batteries.
E1 	Temperature out of range.	Move to an area that is within the operating range for the meter: 41°F – 113°F. Let the meter adjust to this temperature for twenty minutes before testing.
E2	The test strip has not filled enough for an accurate test.	Remove the test strip and retest using a new test strip.
E3	The meter is sensing a used test strip.	Remove the test strip and retest using a new test strip. Wait until you see the flashing blood drop in the display before adding the blood sample.
E4 or E7	Test strip not inserted correctly or using the wrong test strip.	Remove and reinsert the test strip properly. Use Ascensia <i>CONTOUR</i> Test Strips only.
HI or LO	HI = Test result is above 600 mg/dL; LO = Test result is below 10 mg/dL.	Wash your hands and the test site. Repeat the test using a new test strip. If your result is still "HI" or "LO" contact your physician or healthcare professional immediately.
CAUTION: Glucose levels above 250 mg/dL or below 50 mg/dL may indicate a potentially serious medical condition.		

Other Messages Are:

What You See	What It Means	What You Should Do
E5/6, E8/9, E12/13/14	Potential Software Issue	Remove strip and replace it with a new one or call Bayer
E10	Invalid Date or Time	Redo Setup
E11	Abnormal Result	Remove strip and replace it with a new one or call Bayer

To turn off the device simply remove the test strip from the machine it should automatically turn itself off.



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Page 6 of 7

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Control Testing of the Glucometer:

This will be done by the stock clerks as they supply the Airway Bags with Glucometer supplies. Everyone should be familiar with the procedure.

Gently rock the control bottle before opening to ensure it is mixed well. Squeeze a small drop of control solution on a clean nonabsorbent surface (such as a piece of wax paper). **Do not apply control solution to the test strip directly from the bottle.**

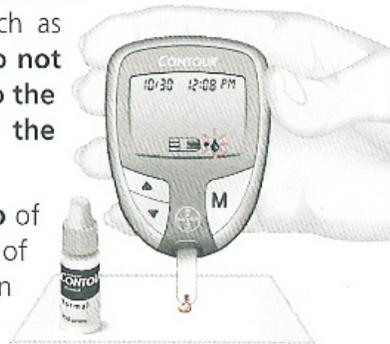
Immediately touch the **tip** of the test strip to the drop of control solution. The solution is pulled into the test strip through the tip.

Hold it in the drop until the meter beeps.

After the beep, you will see the meter countdown five seconds until the test is complete and your control test result is displayed.

The meter will automatically recognize and mark ✓ the control result for you.

NOTE: The ✓ does not indicate the control test result is within the specified range.



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Page 7 of 7

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