

Advanced Blood Sugar Settings

Patient parameters (settings) are located in the Care Team Portal on the **Patient Parameters** page. This document explains how to use advanced blood sugar settings. When the **Advanced** check box is not selected, only the **Lower Boundary** and **Upper Boundary** panels and boxes appear. A Care Team member typically selects the **Advanced** check box when a diabetic patient's blood sugar readings vary greatly and/or need closer monitoring. This is only applicable for the RPM/RPM+Video service level.

When the **Advanced** check box is selected, the following panels and boxes appear.

If the patient enters a blood sugar value less than or equal to the value defined for the Medium Alert lower boundary, a medium alert appears on the Patient Monitoring tab. If the patient enters a value less than or equal to the value defined for the High Alert lower boundary, a high alert appears on the Patient Monitoring tab.

The screenshot displays the 'Advanced Blood Sugar Settings' interface with the following panels and values:

- All Test Types**
 - Lower Boundary: High Alert <= 55 mg/dL, Med Alert <= 70 mg/dL
 - Fasting Value: Med Alert >= 100 mg/dL
- Random Check**
 - Upper Boundary: High Alert >= 150 mg/dL, Med Alert >= 120 mg/dL
- Reading Configuration**
 - Follow up delay = 2.5 Hrs
 - Follow up postpone for 15 mins
- Advanced** (checked)
- Post Prandial**
 - Upper Boundary: Med Alert >= 180 mg/dL
- Increased**
 - Med Alert + 40
 - High Alert + 100

All Test Types

Applicable any time a patient enters a blood sugar reading (for example, health pathway question or random reading). If the patient enters a blood sugar value less than or equal to the value defined for the Medium Alert lower boundary, a medium alert will be generated and displayed on the Patient Monitoring page. If the patient enters a value less than or equal to the value defined for the High Alert lower boundary, a high alert will be generated and displayed on the Patient Monitoring page.

Fasting Value

Only applicable if the patient has a blood sugar biometric question included in their health pathway, and only applicable when that question is answered.

Random Check

Applicable any time a patient enters a blood sugar reading as a random reading. This includes any time the patient selects the glucose meter icon to enter a reading when he is not completing a pathway, as well as, if, during a pathway he selects **Just a random reading** after entering his blood sugar and confirming it. If the patient enters a blood sugar value greater than or equal to the value defined for the Medium Alert upper boundary, a medium alert will be generated and displayed on the Patient Monitoring page. If the patient enters a value greater than or equal to the value defined for the High Alert upper boundary a high alert will be generated and displayed on the Patient Monitoring page.

Reading Configuration

This section defines the times to wait after a patient selects **About to eat a meal** when entering a blood sugar reading as part of their pathway. **Follow up delay** – The *Follow up delay* parameter is how long, in hours, it will be before the patient is prompted to take another blood sugar reading. **Follow up postpone for** – When the patient is prompted to take this second reading, they are given the option to delay the reading one time for the number of minutes defined in the *Follow up postpone for* parameter.

Post Prandial

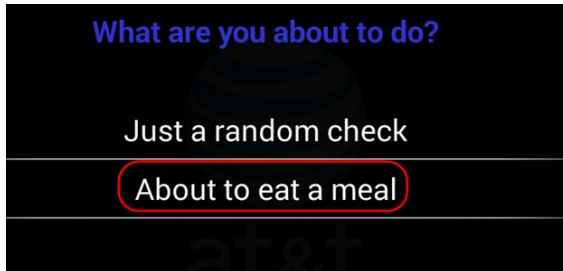
Only applicable to the second reading a patient enters after entering a blood sugar reading as part of their health pathway when they enter About to eat a meal. When a patient is completing a pathway that contains a blood sugar biometric question, after entering and confirming their blood sugar, the patient is asked if they are about to eat a meal or do a random check.

Scenario

The settings are configurable. You cannot, however, turn off alarms by changing the settings.

Refer to the above graphic when parameters are specified in the following scenario. In this scenario, the patient is scheduled to take their blood sugar reading at 9:00 a.m.

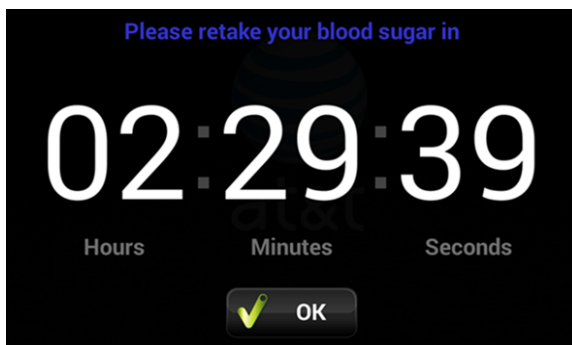
1. The tablet prompts the patient to add their blood sugar reading. The patient enters 98 mg/dL and confirms their blood sugar is 98 mg/dL by selecting **Yes**.
2. The tablet then displays "What are you about to do?" When/if the patient selects "About to eat a meal," the Advanced settings are enabled and the patient will be prompted for a post-prandial reading.



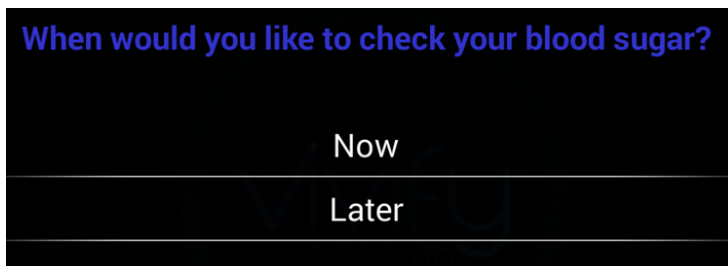
The *Follow Up delay* for a post-prandial reading, per the Reading Configuration setting, is 2.5 hours. The following "Done for Now" check mark appears on the glucose meter button on the tablet.



The Countdown screen for retaking the patient's blood sugar reading appears as shown in the following figure.



- When the countdown has finished, the following screen appears:



- If the patient selects **Later**, the glucose meter button appears with a white background. Based on the *Follow Up postpone for* setting, which in our example is 15 minutes, the glucose meter button appears in yellow after

15 minutes have elapsed. The patient is then prompted again to check their blood sugar.



5. When the patient is prompted again to enter their blood sugar reading, they enter 190. On the **Patient Monitoring** page, the entry appears in the **Alerts** panel.