

TouchCare[®]

(Predictive) Low Glucose Suspend

Quick Start



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Simplifying Diabetes

Medtrum

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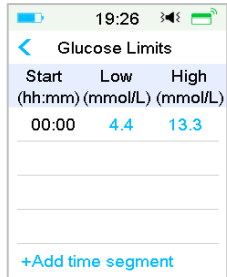
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Your Personal Settings

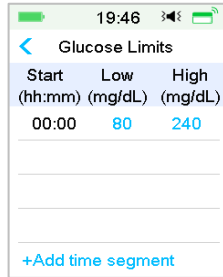
	Status / Time
Low Suspend	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF
Predictive Low Suspend	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF

1 Set Glucose Limits.

Main Menu → EasyLoop → Glucose Alerts → Glucose Limits



mmol/L

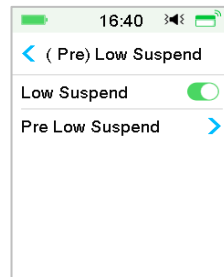
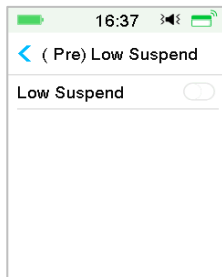


mg/dL

- LGS indicates low glucose suspend.
- PLGS indicates predictive low glucose suspend.
- Glucose low limits are applied to **Glucose Alerts**, LGS, and PLGS.
- PDM should be in communication range with CGM and Pump.

2 Enable Low Suspend.

Main Menu → EasyLoop → (Pre) Low Suspend



Low Glucose Suspend

Triggering Conditions for Low Suspend

The Sensor glucose value is at or below the low limit.

Refer to Page 5 for the graph.

Resumption Conditions for Low Suspend

- ◆ Once **Low Suspend** is triggered, the period of suspension will last for at least 30 minutes unless you manually resume basal insulin. The maximum suspension time is 2 hours. After 2 hours of suspension, basal insulin will be resumed unconditionally.
- ◆ Triggering Conditions for Automatic Resumption of Basal (from 30 minutes to 2 hours after suspension)
Both of the following two conditions must be met for the system to resume basal insulin automatically.
 - The sensor glucose value is at least 0.8 mmol/L (15 mg/dL) higher than the low limit.
 - The sensor glucose value is predicted to be at least 1.7 mmol/L (30 mg/dL) higher than the low limit in half an hour.

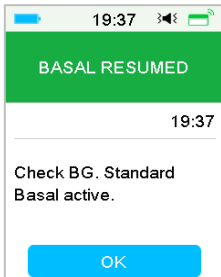
Refer to Page 7 for the graph.

LGS Unavailable Time

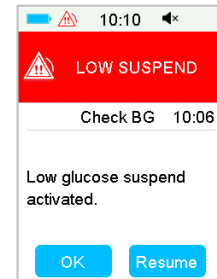
Refer to Page 9 for the graph

Low Glucose Suspend

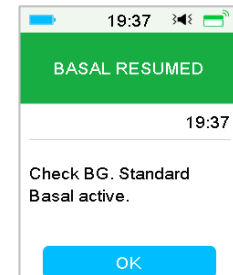
If the **LOW SUSPEND** alarm is not cleared within 10 minutes, a siren sounds with a reminder, as it is shown in the right figure.



If the **LOW SUSPEND** alarm is not cleared during suspension and insulin is automatically resumed after 2 hours, the siren continues and a reminder is displayed, as it is shown in the left figure.



If the **LOW SUSPEND** alarm is cleared during suspension, a reminder is also displayed, as it is shown in the right figure.



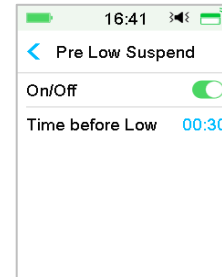
Predictive Low Glucose Suspend

Enabling Predictive Low Suspend

Main Menu → EasyLoop → (Pre) Low Suspend

You can set **Time before Low** between 5 minutes and 40 minutes with an increment of 5 minutes. The default value is 30 minutes.

Refer to Page 1 for Low Limit settings.



Triggering Conditions for Predictive Low Suspend

Both of the following two conditions must be met to trigger **Pre Low Suspend**.

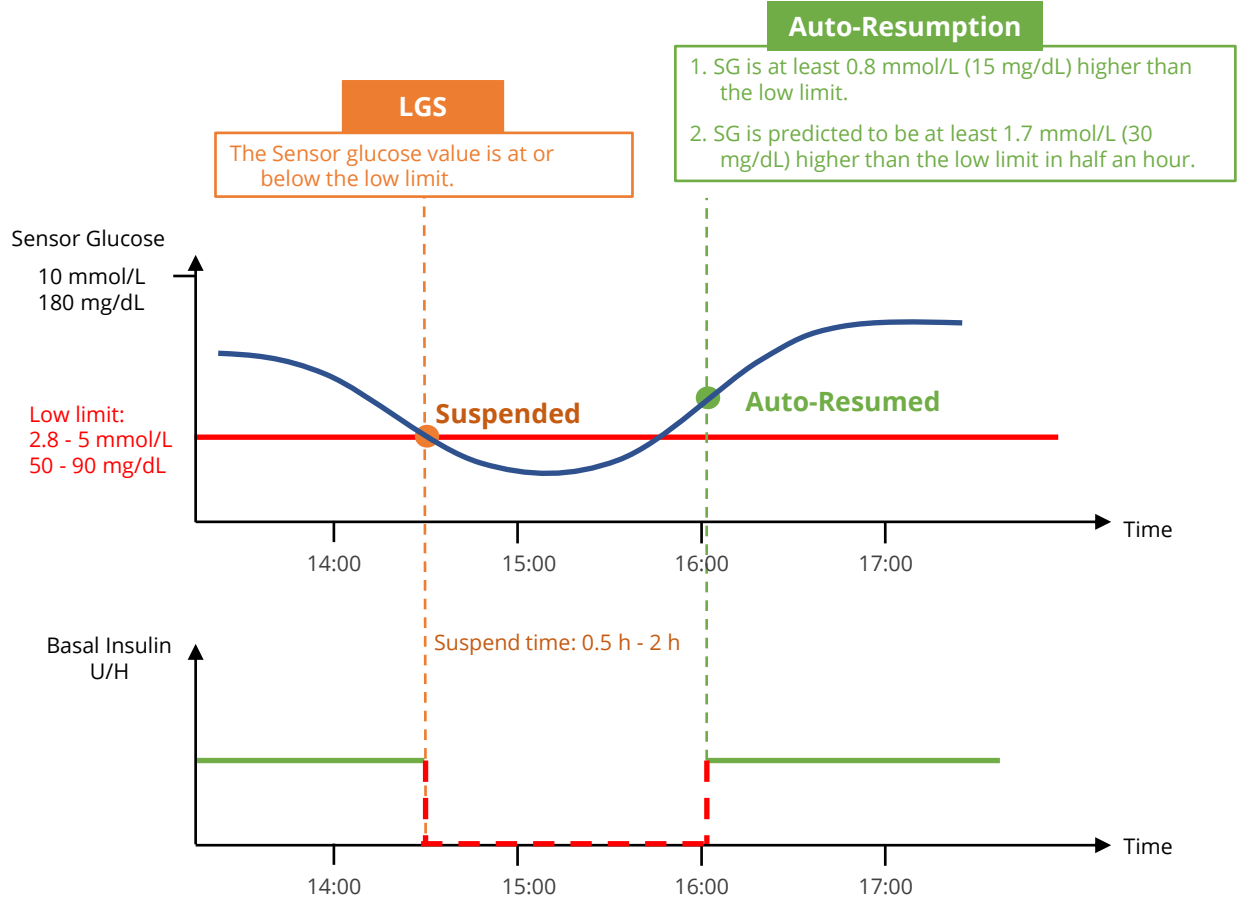
- The Sensor glucose value is at or within 3.9 mmol/L (70 mg/dL) above the low limit.
- The Sensor glucose value is predicted to fall at or within 0.8 mmol/L (15 mg/dL) above the low limit in the set period of time and the rate of glucose change is negative.

Resumption Conditions for Predictive Low Suspend (Same as Low Suspend)

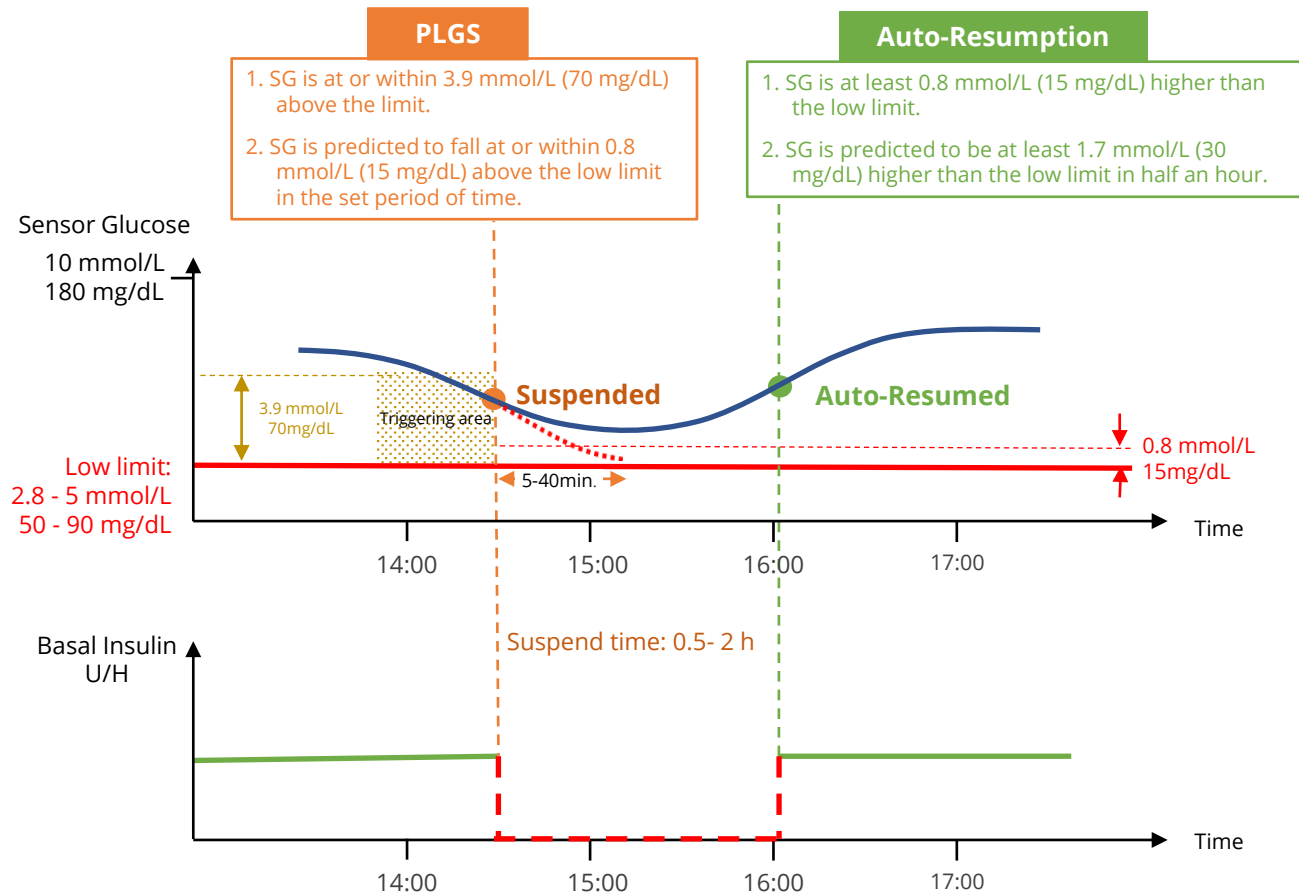
- ◆ Once **Pre Low Suspend** is triggered, the period of suspension will last for at least 30 minutes unless you manually resume basal insulin. The maximum suspension time is 2 hours. After 2 hours of suspension, basal insulin will be resumed unconditionally.
- ◆ Triggering Conditions for Automatic Resumption of Basal (from 30 minutes to 2 hours after suspension)
Both of the following two conditions must be met for the system to resume basal insulin automatically.
 - The Sensor glucose value is at least 0.8 mmol/L (15 mg/dL) higher than the low limit.
 - The Sensor glucose value is predicted to be at least 1.7 mmol/L (30 mg/dL) higher than the low limit in half an hour.

Refer to Page 6-9 for the graph.

Graph - Low Glucose Suspend

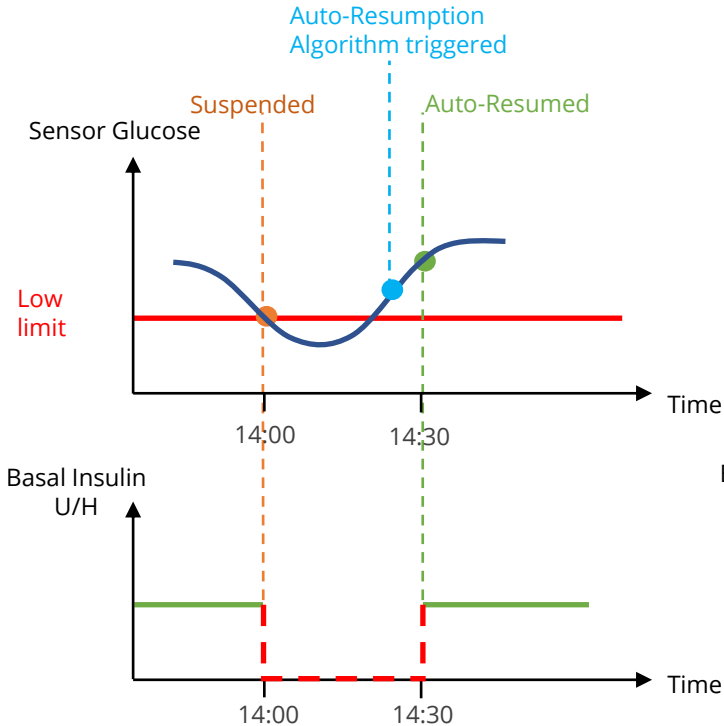


Graph - Predictive Low Glucose Suspend



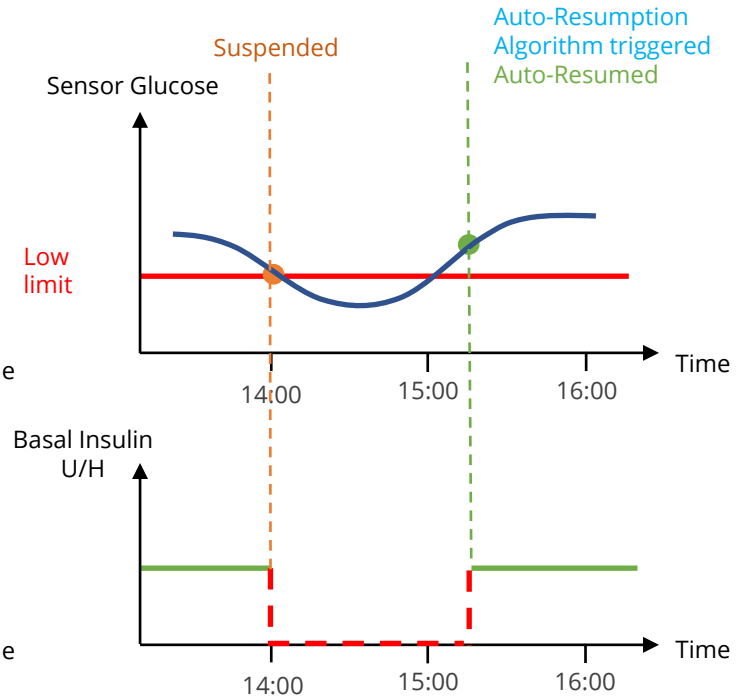
Suspend time: 30 minutes

Once suspend is triggered, suspension will last for at least 30 minutes unless you manually resume basal insulin.



Suspend time: 30 minutes - 2 hours

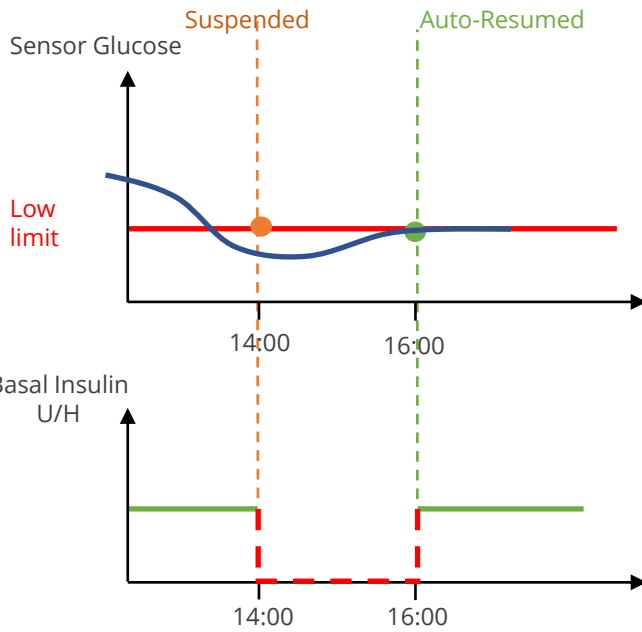
When auto-resumption is triggered during the period of 30 minutes - 2 hours after suspension-start, basal insulin will be resumed at once.



Graph - Suspend Time

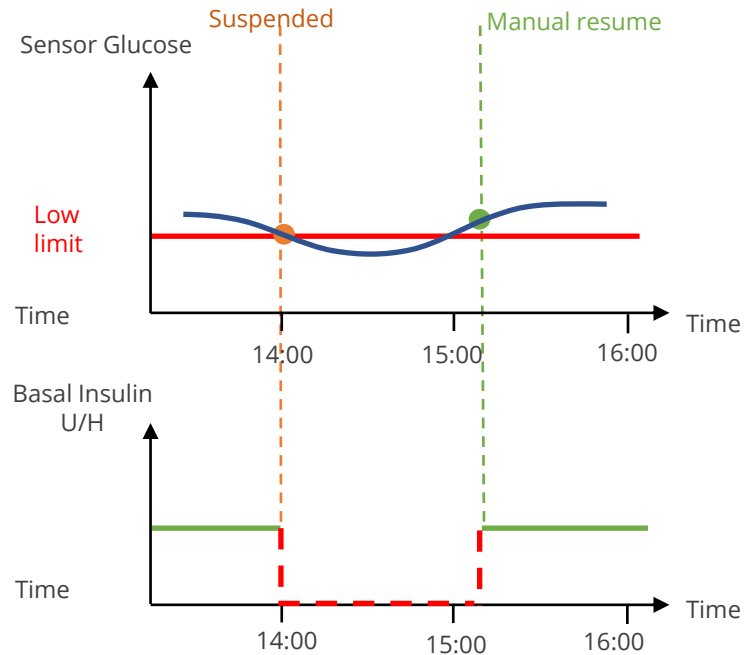
Suspend time: 2 hours

After 2 hours of suspension, basal insulin will be resumed unconditionally.

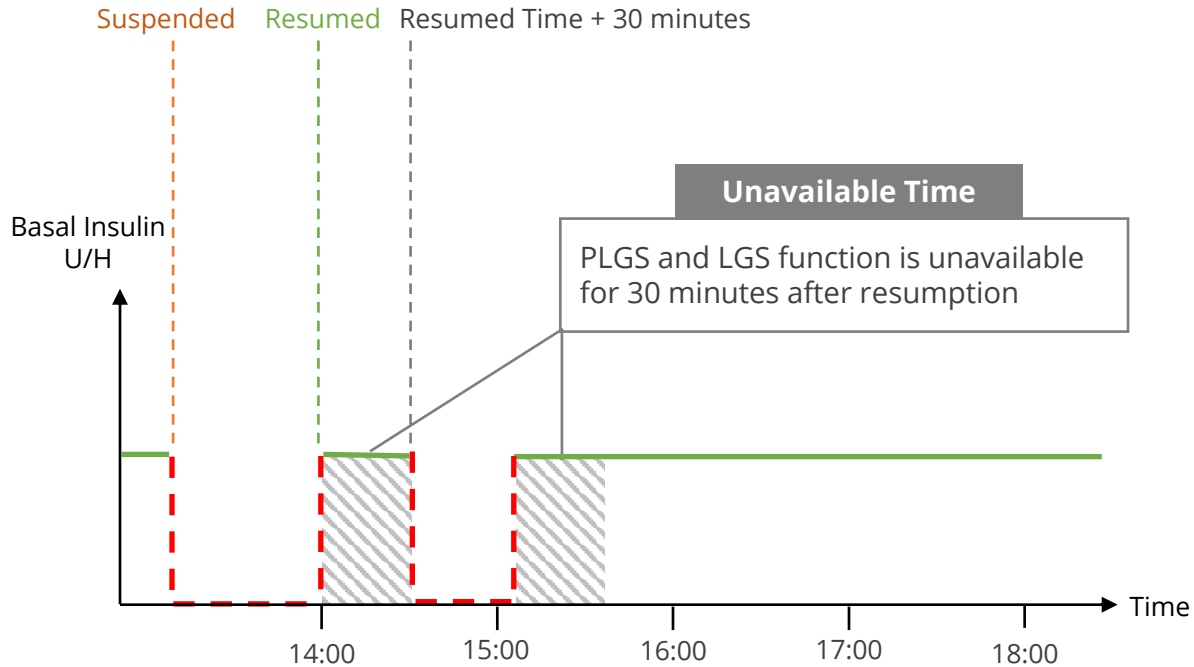


Manual resume at anytime

Basal insulin will be resumed whenever you manually resume it after suspension start.



Graph - (P)LGS Unavailable Time





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This product complies with Directive
93/42/EEC (MDD) and Directive 2014/53/EU
(RED).

IM881160WW-003
348755
Version: 1.03

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