

# EasyPatch App

## (Predictive) Low Glucose Suspend

Quick Start Guide (mmol/L)



[www.medtrum.com](http://www.medtrum.com)

Simplifying Diabetes

# Medtrum

# Contents

Low Glucose Suspend _____	1
Predictive Low Glucose Suspend _____	4
Graph - Low Glucose Suspend _____	5
Graph - Predictive Low Glucose Suspend _____	6
Graph - Suspend Time _____	7
Graph - (P)LGS Unavailable Time _____	9

## 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

Start	Low Limit	High Limit (mmol/L)
00:00	4.4	13.3

+ Add Time Segment

mmol/

- LGS: Low Glucose Suspend
- PLGS: Predictive Low Glucose Suspend
- The Glucose Low Limits will be applied to Glucose Alerts and LGS and PLGS
- App shall be in communication range with CGM and Pump.

## 2 Turn on High/Low Predicted Alerts

Main Menu → EasyLoop → Glucose Alerts

Glucose Alerts	<input type="checkbox"/>
Glucose Limits	>
High Predicted	00:15 <input checked="" type="checkbox"/>
Low Predicted	00:15 <input checked="" type="checkbox"/>
Rapid Rise	0.220mmol/L/min <input type="checkbox"/>
Rapid Fall	0.220mmol/L/min <input type="checkbox"/>

## 3 Turn on Low Suspend

Main Menu → EasyLoop → LGS

CGM Alerts	
Glucose Alerts	>
LGS	
Low Suspend	<input checked="" type="checkbox"/>
PLGS	
Predictive Low Suspend	00:30 <input type="checkbox"/>

# 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 min to 2 h after suspension)

Both of the following two conditions must be met for the system to resume basal insulin automatically.

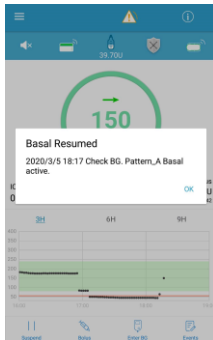
- The Sensor glucose value is at least 0.8 mmol/L (15 mg/dL) higher than the low limit.
- The Sensor glucose value is predicted to be at least 1.7 mmol/L (30 mg/dL) higher than the low limit in half an hour.

**Refer to Page 7 for the graph.**

## LGS unavailable time

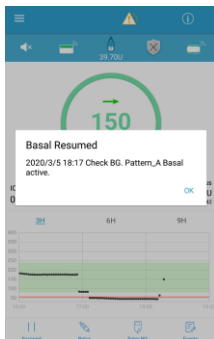
**Refer to Page 9 for the graph**

If the Low Suspend alarm is not cleared within 10 minutes, a siren will sound with the following Reminder.

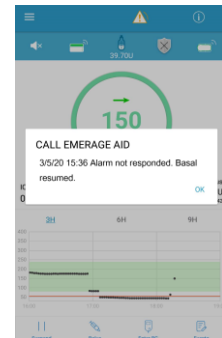
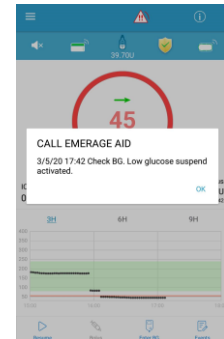


If the Low Suspend alarm is not cleared during suspension and insulin is resumed within 2 hours.

If the Low Suspend alarm is not cleared during suspension and insulin is automatically resumed after 2 hours, the siren will continue and the following emergency message will appear.



If the Low Suspend alarm is cleared during suspension, a Reminder will appear when insulin is automatically resumed.



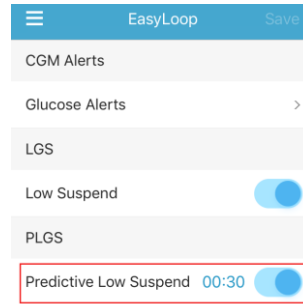
# Predictive Low Glucose Suspend

## Turn on Predictive Low Suspend

### Main Menu → EasyLoop → PLGS

You can set the Time before Low between 5 min and 40 min with an increment of 5 min. The factory default is 30 min.

**Refer to Page 1 for Low Limit settings.**



## Triggering Conditions for Predictive Low Suspend

Both of the following two conditions must be met to start Predictive 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)

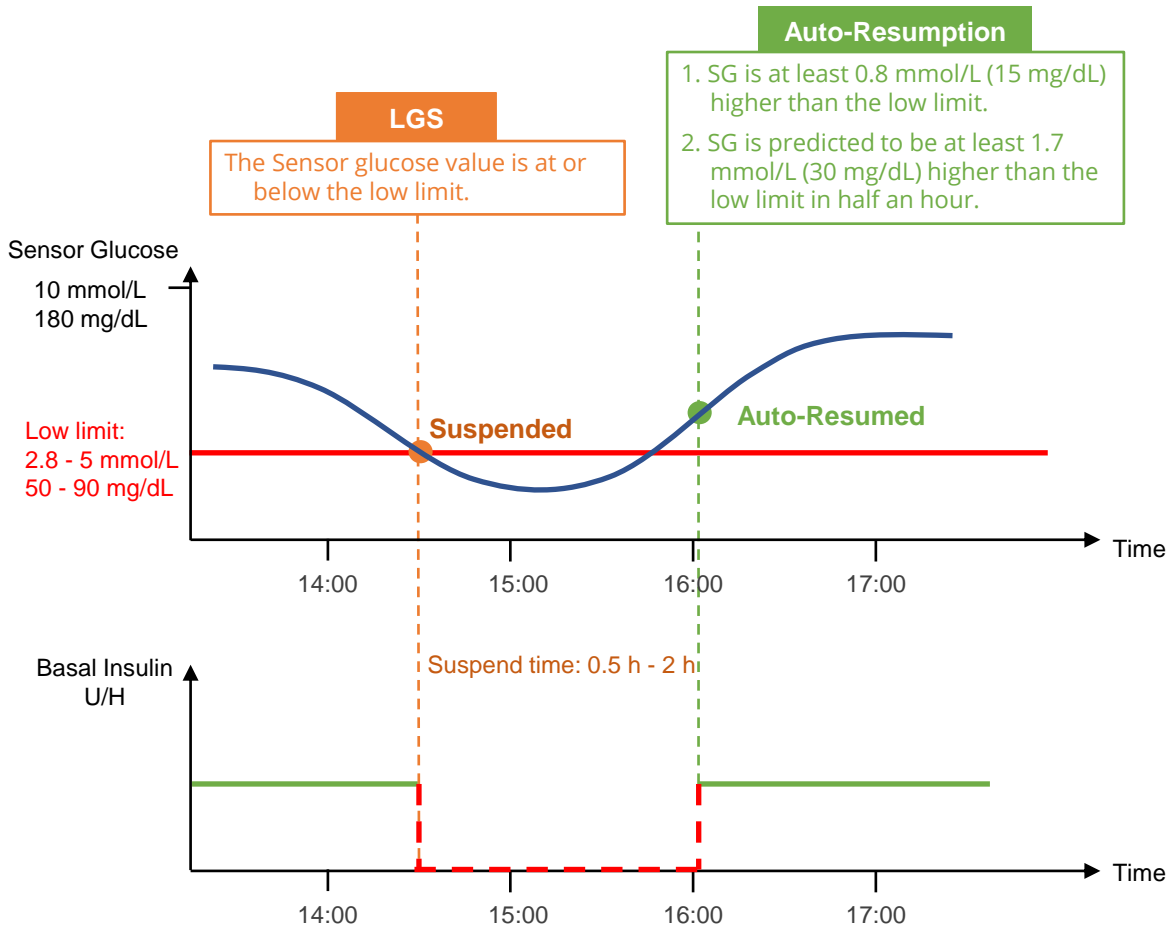
- ◆ Once Predictive Low Suspend is triggered, the period of suspension will last for at least 30 minutes unless you manually resume basal insulin. The maximum suspension time is 2 hours. After 2 hours of suspension, basal insulin will be resumed unconditionally.
- ◆ Triggering Conditions for Automatic Resumption of Basal (from 30 min to 2 h after suspension)

Both of the following two conditions must be met for the system to resume basal insulin automatically.

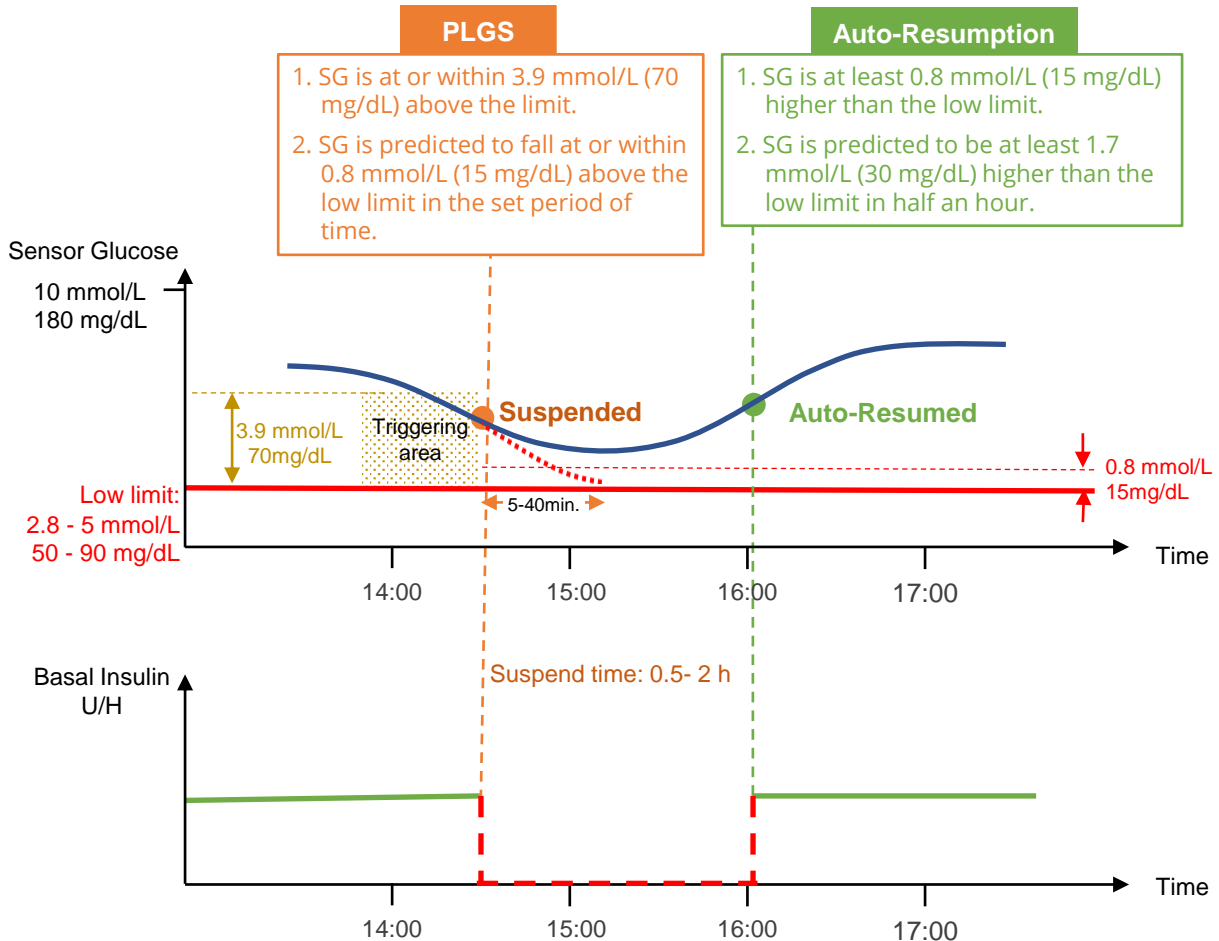
- The Sensor glucose value is at least 0.8 mmol/L (15 mg/dL) higher than the low limit.
- The Sensor glucose value is predicted to be at least 1.7 mmol/L (30 mg/dL) higher than the low limit in half an hour.

**Refer to Page 6-9 for the graph.**

# Graph - Low Glucose Suspend



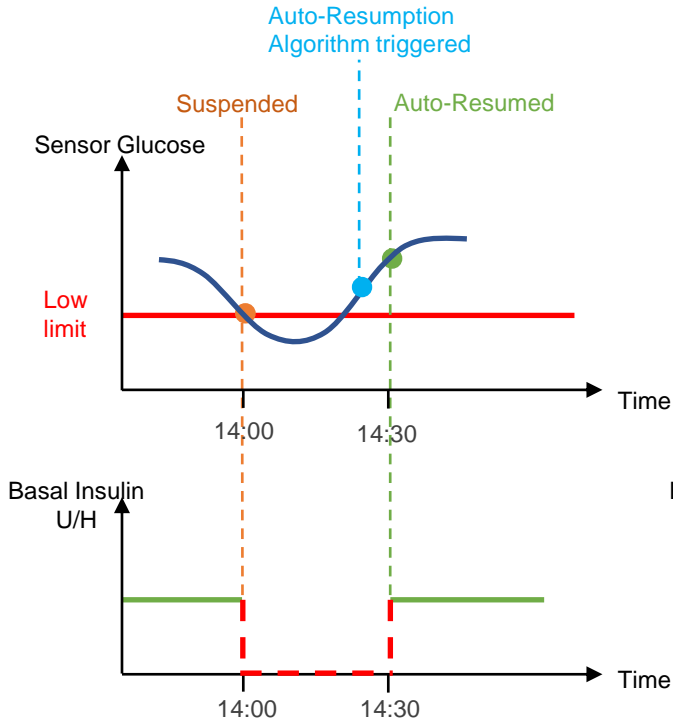
# Graph - Predictive Low Glucose Suspend





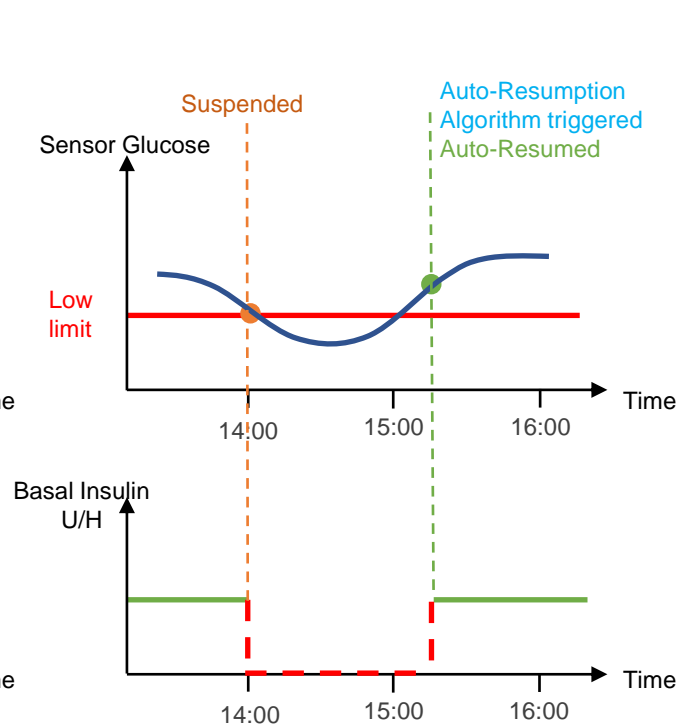
## Suspend time: 30 minutes

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.



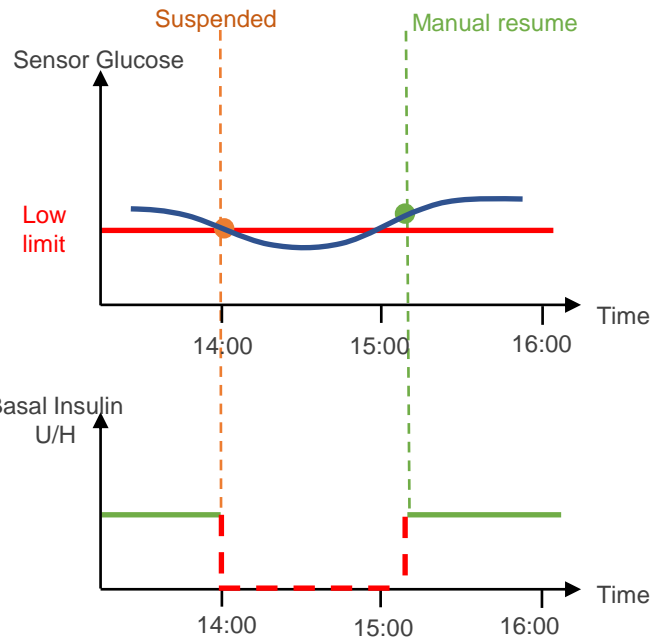
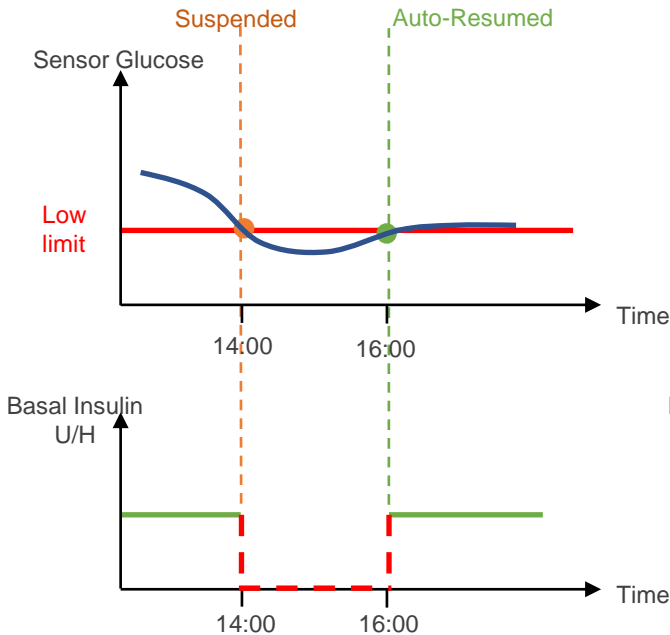
# Graph - Suspend Time

## Suspend time: 2 hours

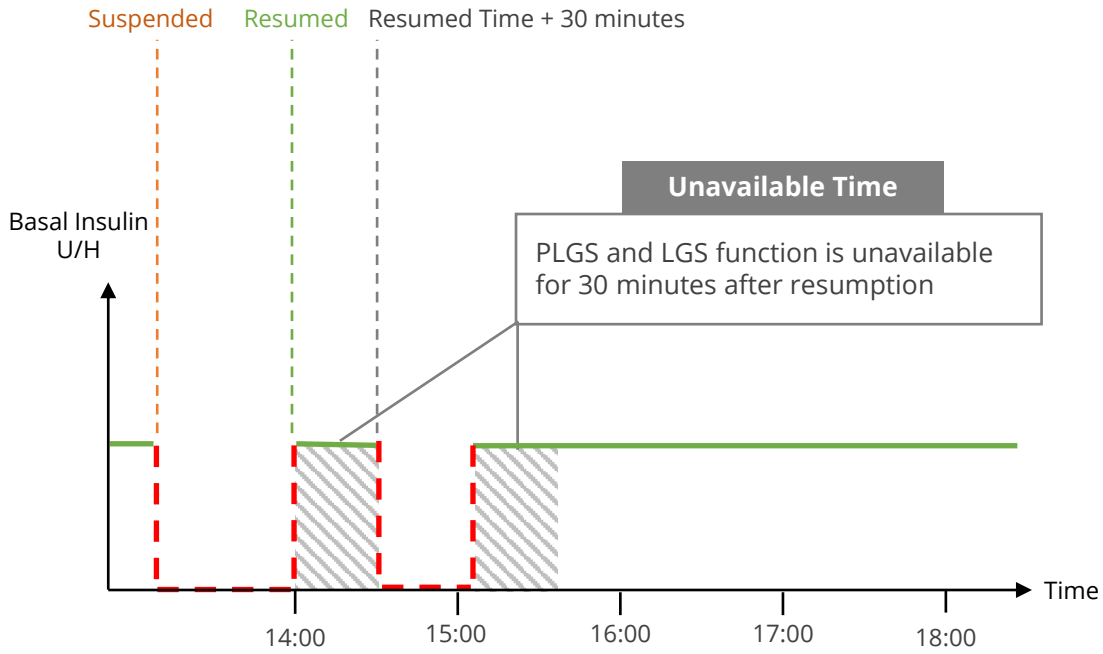
After 2 hours of suspension, basal insulin will be resumed unconditionally.

## Manual resume at anytime

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



# Graph - (P)LGS Unavailable Time





Medtrum Technologies Inc.  
7F, Building 8, No. 200, Niudun Road  
Shanghai 201203, China  
Tel: +86-21-50274781  
Fax: +86-21-50274779



Medtrum B.V.  
Nijverheidsweg 17  
5683 CJ Best  
The Netherlands  
Tel: +31 (0) 499745037

**CE 0197**

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

MD-TL-017  
IM889017WW-003  
348419  
Version: 1.00

Simplifying Diabetes

# Medtrum