

SUCCESS WITH SENSING: AUTO MODE

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AUTO MODE

USING THE MINIMED™ 670G



Function

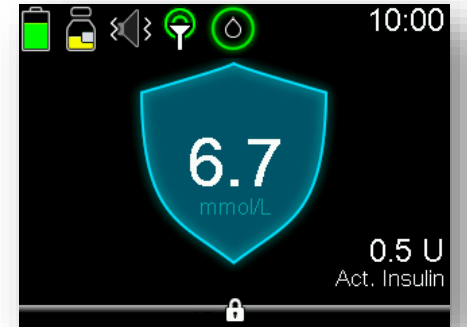
Fundamentals

Tips for
success

AUTO MODE

PROVIDES AUTOMATED BASAL DELIVERY EVERY 5 MINUTES, CALLED AUTO BASAL

- Auto Basal targets **6.7mmol/L** and automatically adjusts basal delivery through the day and night
- Auto Basal delivery is determined by: *
 - insulin delivery needs from the past 6 days
 - sensor glucose (SG) values and recent insulin delivery



By providing frequent small basal adjustments, Auto Mode can better match the body's insulin needs as the glucose rises and falls help keeping glucose levels in target range.

THE MINIMED™ 670G SYSTEM AUTOMATICALLY ADJUSTS TO HELP OPTIMIZE TIME IN RANGE*

TIME IN
RANGE
TIME SPENT
BETWEEN
3.9 AND 10.0
MMOL/L

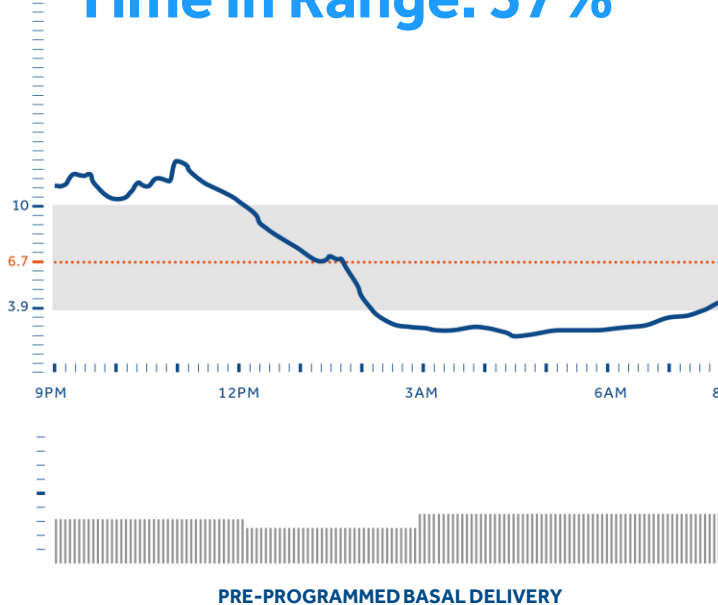
TRADITIONAL
PUMP TECHNOLOGY
NO AUTOMATION

Time in Range: 57%¹

SENSOR GLUCOSE
(mmol/L)

TIME

BASAL
(U/hr)



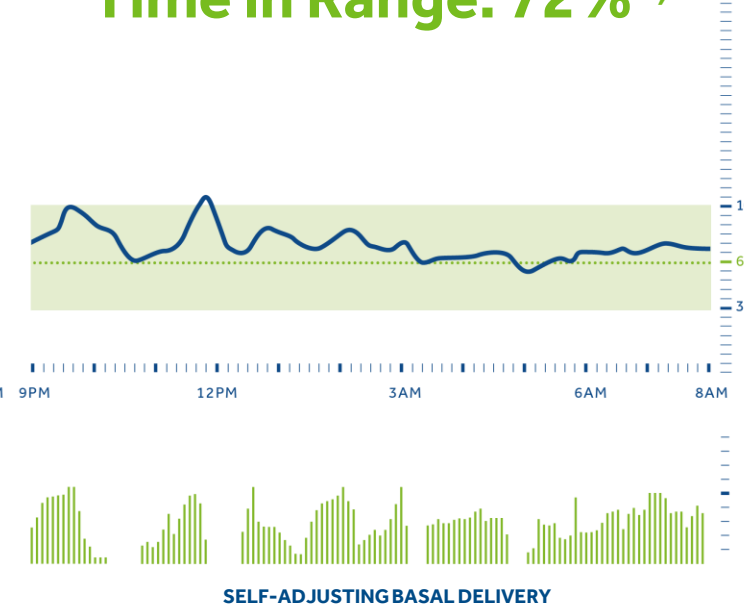
SMARTGUARD™
AUTOMATIC INSULIN
ADJUSTMENTS

Time in Range: 72%^{2,3}

SENSOR GLUCOSE
(mmol/L)

TIME

BASAL
(u/hr)



1. Beck R. Lancet Diabetes Endocrinol. 2017;5: 700-08. 2. Bergenstal R, et al. JAMA. 2016;316(13):1407-1408. 3. CareLink™ data from March 17, 2017 to December 31, 2017 (n>15,000). *Some user interaction required. Individual results may vary.

TO DETERMINE WHAT IS REQUIRED TO ENTER AUTO MODE VISIT THE AUTO MODE READINESS STATUS SCREEN

Auto Mode Readiness	
BG OK for Auto Mode	✓
Auto Mode turned on	✓
Sensor not ready	⋮
No bolus in progress	✓
Delivery OK	✓
Carb ratio not set	?
Basal rate OK	✓
Active insulin updated	✓
Auto Mode updated	✓

Auto Mode Readiness	
BG OK for Auto Mode	✓
Auto Mode turned on	✓
Sensor OK	✓
No bolus in progress	✓
Delivery OK	✓
Carb ratio OK	✓
Basal rate OK	✓
Active insulin updated	✓
Auto Mode updated	✓

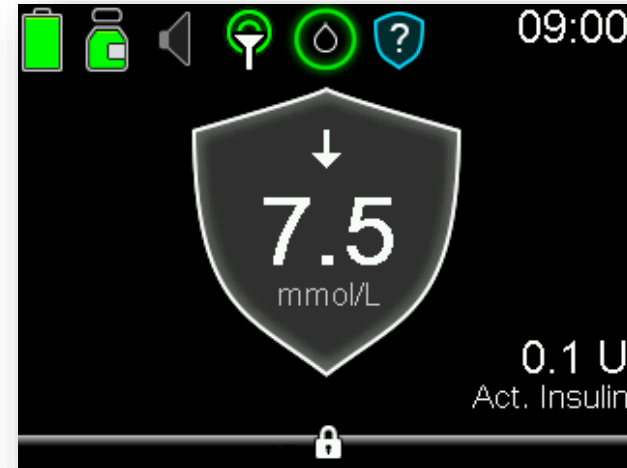
- ✓ A checkmark icon means the item is ready and will be shown as greyed out
- ? A question icon means there is an action to be done to get the pump into Auto Mode
- ⋮ A wait icon means that the pump is updating and there is no action to take at this time

BASAL DELIVERY IN AUTO MODE

AUTO BASAL VS SAFE BASAL



- Based on SG and recent insulin use
- Target SG of 6.7 mmol/L



- Not adjusted with SG
- Activates under certain conditions
- Follow instructions to return to Auto Basal
- Maximum Safe Basal is 90 minutes

SMARTGUARD™ AUTO MODE EXIT

TOP 5 REASONS*

1

MISSED CALIBRATION

- Calibration not performed when required and Safe Basal expired

2

PROLONGED HIGH SG

- SG \geq 16.7 mmol/L greater than 1 hour
- SG \geq 13.9 mmol/L greater than 3 hours

3

AUTO MODE MAX DELIVERY TIMEOUT

- Maximum basal delivery exceeds 4 hours and Safe Basal expired

4

SENSOR ALGORITHM UNDER-READ

- Difference in BG and SG \geq 35%
- System determines possible sensor issue

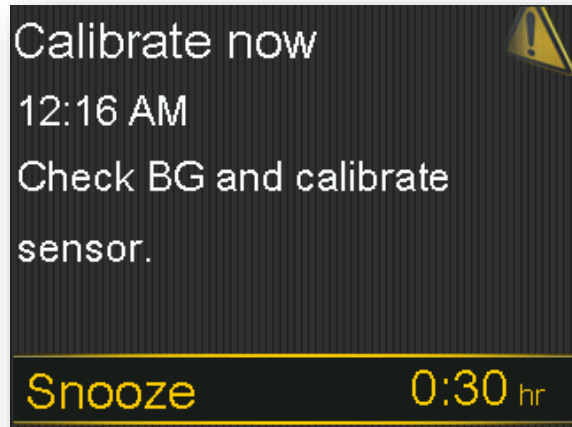
5

AUTO MODE MIN DELIVERY TIMEOUT

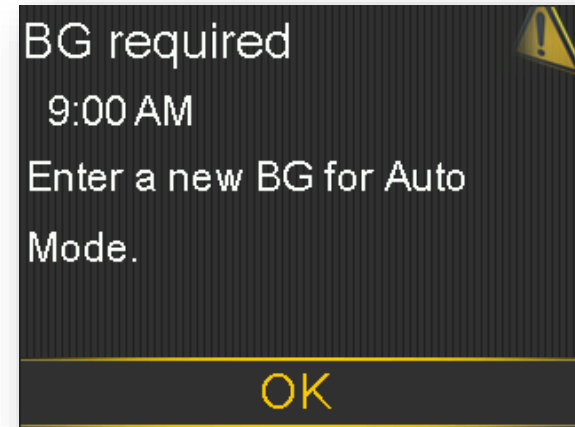
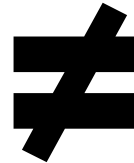
- Minimum basal delivery exceeds 2 ½ hours and Safe Basal expired

CALIBRATE NOW VS. BG REQUIRED ALERTS

MAINTAINING SG VALUES VS. STAYING IN AUTO MODE



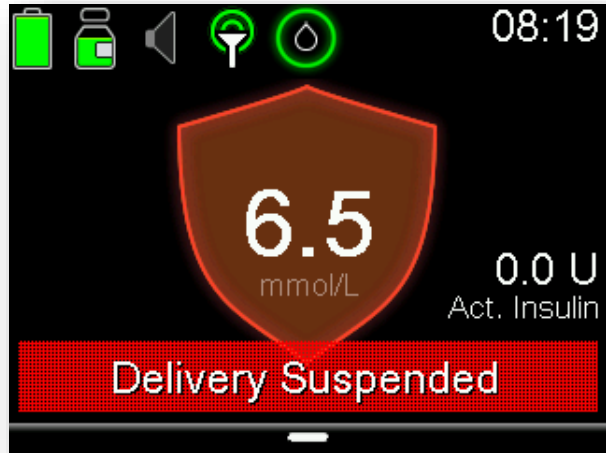
For CGM



For Auto Mode

SUSPENDING THE PUMP IN AUTO MODE

EXACTLY THE SAME AS TYPICAL PUMP TECHNOLOGY



- When your pump is in Auto Mode, you may suspend insulin delivery at any time.
- You may consider suspending your pump for a short period of time for activities such as showering/bathing, exercise or swimming. Speak to your healthcare provider to discuss when you should suspend your pump.

TEMPORARILY INCREASING THE AUTO BASAL TARGET USING THE TEMP TARGET FUNCTION

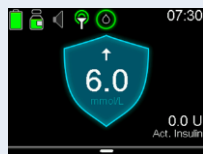


- The standard target in Auto Mode target is 6.7 mmol/L.
- You may temporarily change your target to 8.3 mmol/L for exercise, or for other times that you would like the target to be raised

TIPS FOR SUCCESS IN AUTO MODE

READING AND RESPONDING TO ALL ALERTS IS KEY

C arbohydrate entries	Enter accurate carbs. Bolus 5-15 minutes before meals.
C alibrating the sensor	Recommended 3-4 x/day: Wake up, before meal(s) and bedtime.
C orrection boluses	Accept pump-suggested correction bolus recommendation. Trust the system.
C areLink™ reports	Upload regularly and gain comfort with reports. Discuss with your diabetes team.



Auto Mode “blue shield” is the goal.



A FEW MORE TIPS BEFORE WE WRAP UP

HELPING YOU STAY IN AUTO MODE

1

Battery Status

- Important to keep an eye on battery level.
- A “low battery pump” indicates less than 10 hours remaining.
- If the battery dies, a 5-hour warm-up period is required to re-enter Auto Mode.
- **BEST PRACTICE:** change your battery shortly after receiving the “low battery pump” alert.

2

Lost Sensor

- Transmitter signal has not been received for 30 minutes.
- Ensure transmitter and sensor are still connected.
- Minimize interference from other network items (can happen once in a while).
- **BEST PRACTICE:** Move pump closer to transmitter (It can take up to 15 minutes for your pump to start communicating with your transmitter).

3

Sensor Updating

- Occurs if the SG is outside the expected range.
- This is normal on occasion – be patient, the system will try and resolve on its own.
- If it continues for 3 hours, you’ll be asked to enter a calibration.
- **BEST PRACTICE:** focus on site location, careful insertion and secure taping.

THANK YOU!

