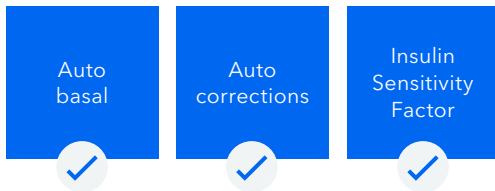


Quick guide

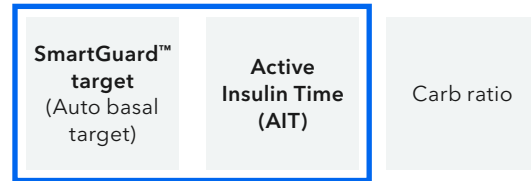
SmartGuard™ feature settings



What is the **algorithm** responsible for?



What are **you** responsible for?



Recommended settings: 100 mg/dL
SmartGuard™ target: 2-hr AIT[†]

Real-world results showed higher Time in Range with recommended settings.[†]

Get started with initial settings[‡]

Basal



TDD x 0.75 = reduced dose

Reduced dose x 0.5 = total basal
(if half the dose is > 0.4 units per kg, use weight dose below)

Total basal/24 = basal rate _____



For existing pump users:
Use current pump settings

Bolus

ICR: 450/TDD _____

ISF: 1800/TDD _____

BG target: 100-120 mg/dL

AIT (hours): 2 hours

SmartGuard™ feature

SmartGuard™ target (mg/dL)¹ **100** 110 120
Recommended

AIT (hours)¹ **2** 3 4
Recommended

Auto corrections **ON** OFF
Recommended

CGM recommendations

Suspend before low **ON** OFF Alert on low **ON** OFF

Alert on high **ON** OFF Alert before low **ON** OFF

Low limit/Suspend limit: 70 mg/dL

System alerts/alarms:

Fixed low:

- Instinct sensor, made by Abbott: <55 mg/dL
- Simplera Sync™ or Guardian™ 4 sensor: <64 mg/dL

Fixed high: ≥250 mg/dL for 3 hours

Weight doses: weight in kg x 0.3 for adults, x 0.2 for peds, x 0.4 for adolescents. AIT = active insulin time, ICR = insulin carb ratio, ISF = insulin sensitivity factor, TDD = total daily dose. Recommended settings for adults: 100 mg/dL auto basal target; 2 hours AIT. Children 7-14 years old: 110 mg/dL and 2 hours AIT, reduce if no concern with hypoglycemia.

Goals

Metric	Time Above Range 250 mg/dL ¹	Time Above Range 180 mg/dL ¹	Time In Range (TIR) ¹	Time Below Range 70 mg/dL ¹	Time Below Range 54 mg/dL ¹	A1C ²	SmartGuard™ use	Sensor use ³
Goal	<5%	<25%	>70%	<4%	<1%	<7%	≥85%	≥85%
At goal?								

Review the Assessment & Progress report for information on Time in Range/Below and Above Range, SmartGuard™, and sensor use.

Common reasons goals aren't being met



Recommended settings[†] aren't being used

- SmartGuard™ target: 100 mg/dL
- Active Insulin Time: 2 hours



Bolusing behaviors

- Missed boluses
- Late boluses
- Overestimating carbs



Carb ratios aren't optimized

- Carb ratios may need to be strengthened or weakened depending on the clinical scenario

If individuals are spending

≥4% Time Below Range

- Are there late boluses or overestimated carbs?
- Does the carb ratio need to be weakened?
- Is the Temp Target being used for exercise?
- Is a higher SmartGuard™ target needed?

If individuals are spending

≥25% Time Above Range

- Are recommended settings being used?
- Are boluses being missed?
- Are there late boluses?
- Does the carb ratio need to be strengthened?

Keys to success

- Use recommended settings
- Keep interventions to a minimum; after updating a setting, allow the system time to adapt
- Encourage carb counting and pre-meal bolusing
- Optimize ICR
- Update Manual mode settings at each visit

† Recommended settings for adults: 100 mg/dL auto basal target and 2 hours AIT. Children 7-14 years old: 110 mg/dL and 2 hours AIT, reduce if no concern with hypoglycemia.

‡ Use clinical judgement based on individual needs.

References

1. Battelino T et al. Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations from the International Consensus on Time in Range. *Diabetes Care* 2019; 42: 1593-1603.
2. American Diabetes Association Professional Practice Committee; 6. Glycemic Goals and Hypoglycemia: Standards of Care in Diabetes—2024. *Diabetes Care* 1 January 2024; 47 (Supplement_1): S111-S125.
3. Battelino T et al. Routine use of continuous glucose monitoring in 10,501 people with diabetes mellitus. *Diabet Med* 2015. 2(12); 1568-74.

Important Safety Information for MiniMed™ 780G System:

MiniMed™ 780G System is for type 1 ages 7 and over and type 2 ages 18 and over. Prescription required. WARNING: Do not use SmartGuard™ feature for people who require less than 8 units or more than 250 units of insulin/day. For additional safety information and user guides, see <https://bit.ly/MiniMedRisks>.

Important Safety Information for MiniMed Flex™ System:

“MiniMed Flex™ System is for type 1 ages 7 and over and type 2 ages 18 and over. Prescription required. WARNING: Do not use SmartGuard™ feature for people who require less than 8 units or more than 250 units of insulin/day. For additional safety information and user guides, see <https://bit.ly/MiniMedRisks>.

US-DBA-2600421 ©2026 Medtronic MiniMed, Inc. MiniMed and MiniMed logo are trademarks of Medtronic MiniMed, Inc. The sensor shape and appearance, Abbott, and “a” logo are marks and/or designs of the Abbott group of companies in various territories and used under license. Sensor image ©2026 Abbott. ™*Third-party brands are trademarks of their respective owners.