TrioDocs

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Target Behavior

Target Behavior

High Temp Target Raises Sensitivity

Default: *OFF*

When this feature is enabled, manually setting a temporary target above 100 mg/dL (5.5 mmol/L) will decrease the Sensitivity Ratio used for ISF and basal adjustments, resulting in less insulin delivered overall. This scales with the temp target set; the higher the temp target, the lower the Sensitivity Ratio used.

If Half Basal Exercise Target is set to 160 mg/dL (default), a temp target of 120 mg/dL uses a Sensitivity Ratio of 0.75. A temp target of 140 mg/dL uses a Sensitivity Ratio of 0.6.

> ✏️ **Note**
>
> The effect of this can be adjusted using the Half Basal Exercise Target setting

Low Temp Target Lowers Sensitivity

Default: *OFF*

When this feature is enabled, setting a temporary target below 100 mg/dL (5.5 mmol/L) will increase the Sensitivity Ratio used for ISF and basal adjustments, resulting in more insulin delivered overall. This scales with the temp target set; the lower the temp target, the higher the Sensitivity Ratio used.

If Half Basal Exercise Target is set to 160 mg/dL (default), a temp target of 95 mg/dL uses a Sensitivity Ratio of 1.09. A temp target of 85 mg/dL uses a Sensitivity Ratio of 1.33.

> ✏️ **Note**
>
> The effect of this can be adjusted using the Half Basal Exercise Target setting

Sensitivity Raises Target

Default: *OFF*

Enabling this feature causes Trio to automatically raise the targeted glucose if it detects an increase in insulin sensitivity. If Sensitivity Ratio is > 1, target glucose will be increased.

Resistance Lowers Target

Default: *OFF*

Enabling this feature causes Trio to automatically lower the targeted glucose if it detects resistance to insulin. If Sensitivity Ratio is < 1, target glucose will be decreased.

Half Basal Exercise Target

Default: *160 mg/dL*
Setting Limits: *100-300 mg/dL*

The Half Basal Exercise Target allows ou to scale down your basal insulin during exercise or scale up your basal insulin when eating soon by setting a manual temp target. To scale down for exercise, set a temp target above 100 mg/dL. To scale up for eating soon, set a temp target below 100 mg/dL.

For example, at a temp target of 160 mg/dL, your basal is reduced by 50%, but this scaled depending on how far away from 100 your temp target is set.

- Temp Target $= 160$ mg/dL: 50% reduction in profile basal

- Temp Target $= 140$ mg/dL: 60% reduction in profile basal

- Temp Target $= 120$ mg/dL: 75% reduction in profile basal

You can see how adjusting this setting will influence your profile basal when you set a temp target in Trio. On the screen, you will be able to set a custom Half Basal Exercise Target for the duration of the temp target you set.