ACCU-CHEK® Insight

Roche

GLOSSARY

Basal rate
Insulin delivered by the insulin pump in order to cover your basal, meal-independent needs over the 24 hours. The basal rate is expressed in Units per hour.

Basal profile
In order to meet changing insulin needs during the day, you can program up to 24 different basal rates over the 24 hours. Such a sequence of different basal rates is called a basal rate profile. You can program up to 5 different basal rate profiles if your insulin needs differ between days.

Bolus
Insulin delivered to cover meals or to correct elevated blood glucose values.

Bolus advice
Automated calculation of the insulin bolus doses required to cover meals or to correct elevated glucose levels.

Cannula
Very thin plastic or steel tubing through which insulin is delivered into the tissue beneath your skin.

Carbohydrate ratio
The amount of insulin necessary to account for a certain amount of carbohydrates.

Cartridge
Insulin reservoir placed in your insulin pump, connected to the infusion set.

Error message
An Error message indicates that your pump is not working properly at the moment. If an error message occurs, your pump will always switch into STOP mode. It will then display a code consisting of an E followed by a number, with a description of the error (e.g. E6: Mechanical Error). If you are unsure about what to do if one of these messages occurs, please refer to the user manuals provided with your insulin pump. Alternatively, you can contact the Accu-Chek Pump Careline (UK: 0800 731 22 91, ROI: 1800 88 23 51)

Infusion set
Device through which insulin is delivered into your body, comprised of tubing connecting the insulin pump to a cannula.

Infusion site
Location where the cannula is inserted into the tissue.

Insertion device
Automated device for insertion of the cannula.

Insulin sensitivity
The amount of insulin necessary to lower your blood glucose by a certain amount.

Introducer needle
Needle used for the insertion of a soft cannula, which is removed following insertion.

Maintenance message
A Maintenance message will be triggered when the pump requires your immediate action to maintain its functionality, e.g. when the cartridge is empty. After a Maintenance message the pump will be in PAUSE or STOP mode, it will display a code consisting of an M followed by a number (e.g. M21: Cartridge empty). You should carry out the maintenance required and then restart insulin delivery as necessary. If you are unsure about what to do when one of these messages occurs, please refer to the user manuals provided with your insulin pump. Alternatively, you can contact the Accu-Chek Pump Careline (UK: 0800 731 22 91, ROI: 1800 88 23 51)

Prime volume
Volume required to completely fill the tubing, respectively the cannula, usually specified in insulin units.

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GLOSSARY (contd.)

Standard bolus
A bolus where all of the programmed insulin is delivered at once. This type of bolus can be helpful for foods that are digested quickly, and is the best option for correcting high blood glucose levels.

Subcutaneous infusion
Continuous delivery of a fluid (e.g. insulin) into the tissue just under the skin with an infusion set.

Target range
Accepted range for your blood glucose values when not increased after a meal. You can set the target range by entering its upper and lower limit for each time block.

Temporary basal rate (TBR)
Temporary adjustment of your current hourly basal rates with specified duration to meet changing insulin needs during special activities or conditions.

Warning message
A Warning message will be triggered by the pump if it will soon require your attention, e.g. when the cartridge is nearly empty. Warnings will not stop insulin delivery, but will display a code consisting of a W followed by a number (e.g. W31: Cartridge low). You should be prepared to carry out the necessary maintenance to maintain your insulin pump's operation. If you are unsure about what to do when one of these messages occurs, please refer to the user manuals provided with your insulin pump. Alternatively, you can contact the Accu-Chek Pump Careline (UK: 0800 731 22 91, ROI: 1800 88 23 51)

Abbreviations:

Blood glucose bG	**Hypoglycaemia** Hypo
Hyperglycaemia Hyper	**Temporary basal rate** TBR

This quick start guide is not intended to replace the user manual, all users should read the user manual before use.

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