wellion®

Your AUSTRIAN health brand

QUESTIONS & ANSWERS ABOUT CONTINUOUS GLUCOSE MONITORING (CGM)

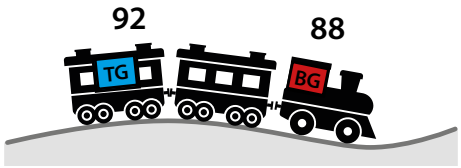
MED TRUST

THE MEDICAL SERVICES COMPANY



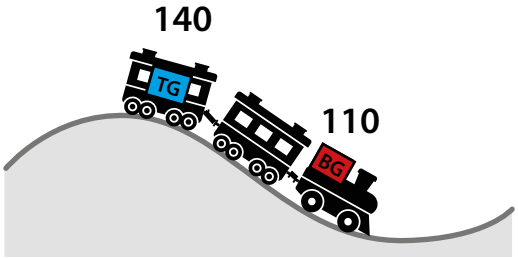
WHAT IS THE DIFFERENCE BETWEEN TISSUE GLUCOSE MEASUREMENT (CGM) AND BLOOD GLUCOSE MEASUREMENT (BGM)?

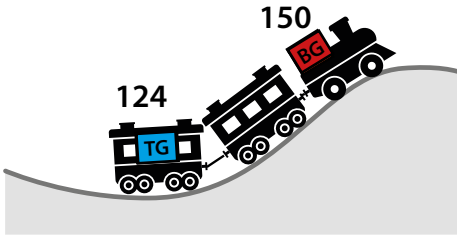
The tissue glucose level does not always correspond to the blood glucose level at the same time, as it always "lags behind" slightly. This is best illustrated by the following figures:



TG Tissue glucose
BG Blood glucose

If the glucose level is mostly stable, there is hardly any difference between blood glucose and tissue glucose measurements.





If the blood glucose level changes quickly (e.g. after eating, after an insulin injection or during exercise), the difference between blood glucose readings and tissue glucose readings is greater, as the glucose must first pass from the blood vessels into the tissue and be distributed there. This process can take between 5 and 25 minutes.

HOW TISSUE GLUCOSE MEASUREMENT IS PERFORMED WITH THE WELLION SENSOR?

The **Wellion SENSOR** is a **system for continuous glucose measurement** in tissue.

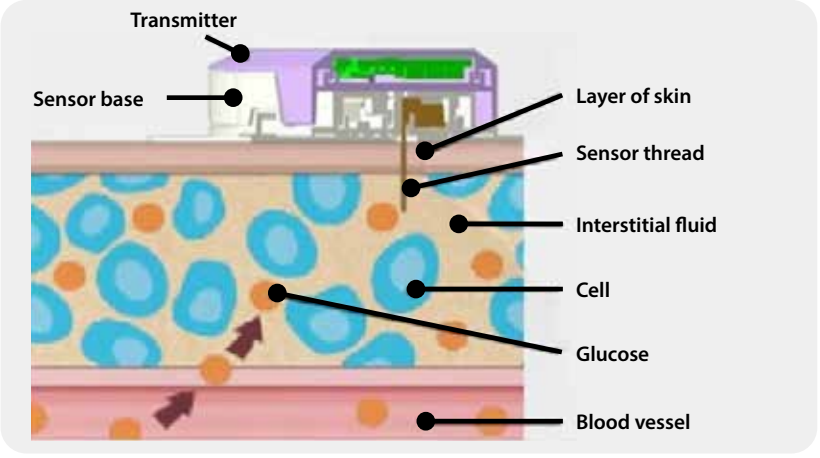
The system consists of 3 parts:
1. **Wellion SENSOR base** for the measurement of tissue glucose
2. **Wellion SENSOR transmitter** for data transfer
3. **Wellion AiDEX SENSOR app** to read out the data

The **Wellion SENSOR base** contains a sensor thread that is inserted under the skin into the subcutaneous fat tissue by using the supplied applicator. In this area, the sensor continuously measures the glucose concentration in the tissue fluid every 5 minutes.

The **Wellion SENSOR transmitter** must be attached to the **Wellion SENSOR base**. The transmitter needs to be coupled with the **Wellion AiDEX SENSOR app** and is used for data transfer.

After a warm-up time of approx. 1 hour, you will receive your glucose values in "real time" in the **Wellion AiDEX SENSOR app**.

The **Wellion AiDEX SENSOR app** is available for Android and iOS.



WHAT ARE THE ADVANTAGES OF THE WELLION SENSOR?

The "setting" of the **Wellion SENSOR base** is mostly painless and takes place every 10 to 14 days (depending on the model). Due to the continuous measurement by the sensor thread, the number of "bloody" measurements on the fingertip is reduced.

After a short warm-up time of only about an hour, the measured values are automatically transmitted to the **Wellion AiDEX SENSOR app** every 5 minutes. The continuous transmission of measured values allows you to react immediately to fluctuations.

The **Wellion AiDEX SENSOR app** is available for Android and iOS and impresses with its intuitive menu navigation. The app contains numerous features and therefore enables detailed data management.

- **Trend arrows**
  The trend arrows show whether your glucose level is currently rising, falling or remaining constant.
- **AGP report**
  You can export your ambulatory glucose profile (AGP) as a PDF from the app and send it to your doctor. The report contains a structured and graphical representation of your sensor data.
- **Alarm function**
  Set individual limits for glucose values that are too high or too low - you will be warned by sound and/or vibration if the limits are exceeded or not reached. You will also receive a warning if the transmitter signal is lost. The maximum transfer range is 2 meters. If you lose the transmitter signal, the data will be automatically updated when the connection is re-established.
- **Share function**
  Share your values with people you have chosen so they can react in case of need. Your alarms will also be shared with them.

- **Event marker**
  Document insulin injections or medication intake. You can also enter meals and sport activities.

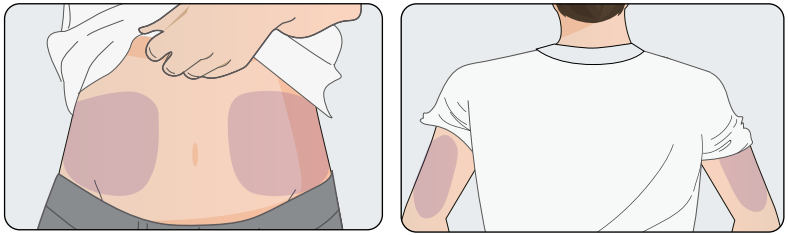
The **Wellion SENSOR** is pre-calibrated, there is no need to calibrate by entering a blood glucose reading. However, you can calibrate the **Wellion SENSOR** if you think that the displayed glucose value does not match your condition. You should only perform a calibration if your blood glucose level is constant.

You can make the most of your quality of life with the **Wellion SENSOR**. Due to its small and flat design, the **Wellion SENSOR** can be worn discreetly. Swimming is also no problem, as the **Wellion SENSOR** complies with the IPX7 standard and is therefore waterproof. It can also be submerged for up to 30 minutes at a depth of one meter.



WHAT SHOULD YOU LOOK OUT FOR WHEN WEARING A SENSOR?

- Select a suitable wearing position for your **Wellion SENSOR**. Recommended areas for sensor application are the belly and the outside and backside of the upper arm. If you are wearing an insulin pump, the **Wellion SENSOR** should be worn at least 7.5 cm away from the infusion set.

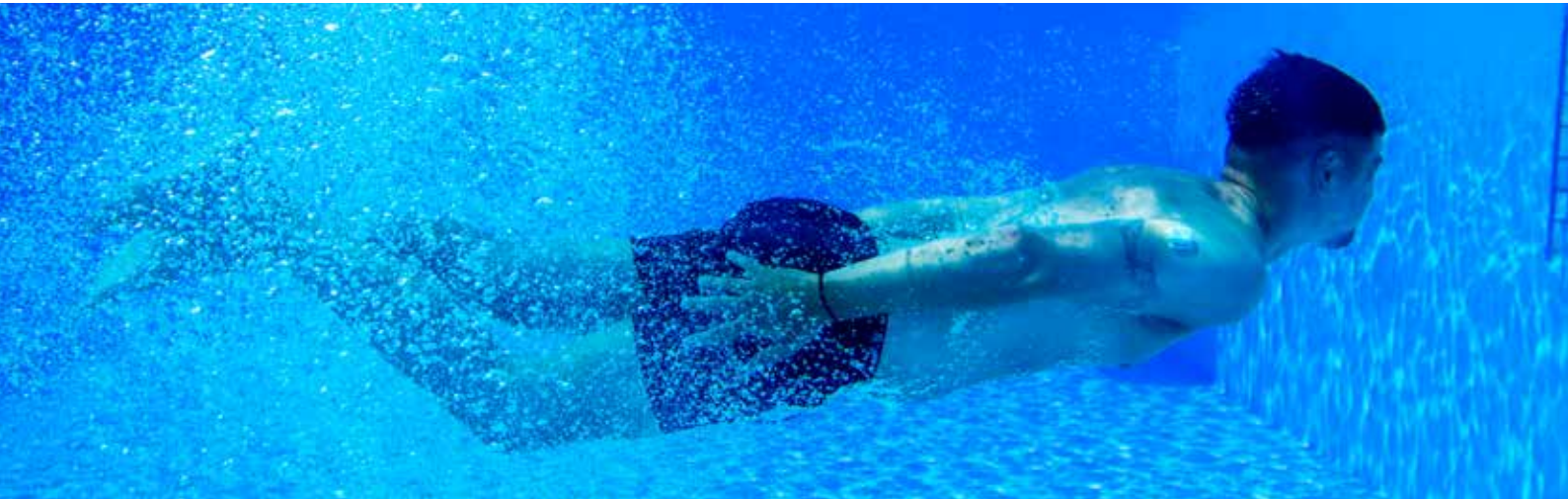


- Use the supplied additional adhesive patch to hold the **Wellion SENSOR** in place.
- Avoid frequently squeezing or twisting the skin near the sensor. The patch over the sensor may peel off or be damaged prematurely.
- Longer periods of lying on the carrier at night can lead to distorted values as the tissue is squeezed.
- Change your clothes carefully and take care when drying off after showering or swimming. Due to the comfortable feel, you sometimes forget that you are wearing a sensor.
- If you swim several times, allow the patch to dry well in between.

- Avoid long hot baths and do not apply creams and shower gels on the plaster. The patch could peel off prematurely.

- The **Wellion SENSOR** must not be exposed to strong magnetic fields, therefore the **Wellion SENSOR base** and the **Wellion SENSOR transmitter** must be removed during an MRI examination.

- Keep the **Wellion SENSOR transmitter** in a safe place. It has an unlimited service life and will be used again and again.



wellion®

Your AUSTRIAN health brand

AUSTRIA

Do you have any questions or need support?
We are happy to help you.

office@medtrust.at or +43 (0) 2626/64190

Monday - Thursday: 8^{00} - 17^{00}
Friday: 8^{00} - 14^{00}

WEL003EN 20251105

MED TRUST
THE MEDICAL SERVICES COMPANY

MED TRUST Handelsges.m.b.H.
Gewerbepark 10, 7221 Marz, Austria
www.medtrust.at/en; www.wellion.at/en