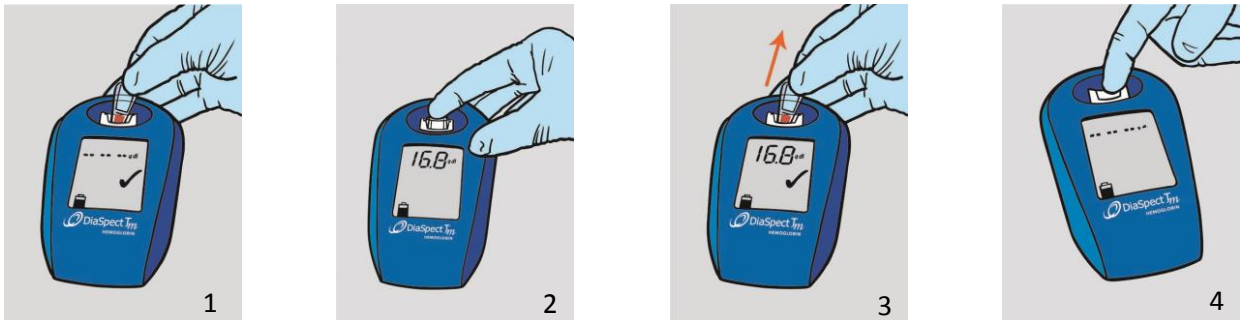


# Short instruction for use of the DiaSpect T<sub>m</sub> system

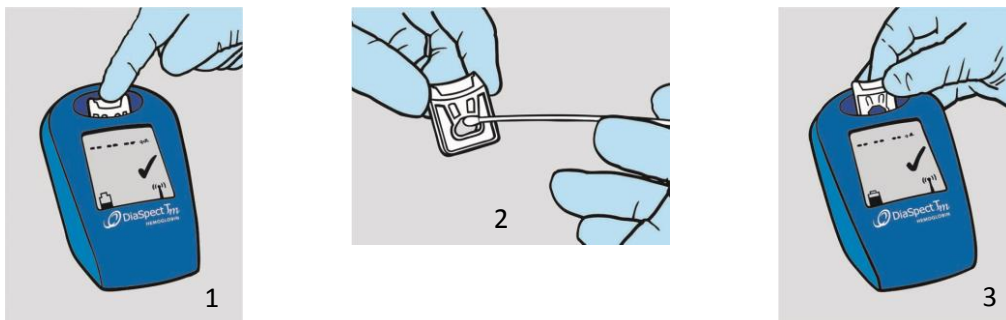
*Always read the Operating Manual before using the DiaSpect system.*

## Measuring



1. Place the filled cuvette in the cuvette holder and press down gently until you feel a “click”.
2. The hemoglobin value will be displayed instantly.
3. Pull out the cuvette quickly. Dispose of the used cuvette in a container for potentially infectious waste. Record the test result as soon as the checkmark ✓ is shown.
4. The result will remain on the display until replaced by the next measurement. To erase the latest result, simply make a “blank” measurement by pressing down the empty cuvette holder.

## Cleaning

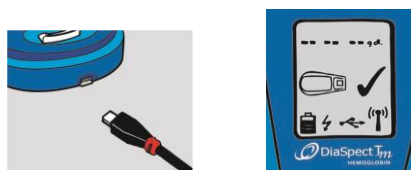


1. Hold the backside of the cuvette holder and pull it out from the analyzer.
2. Clean the cuvette holder with cold water or a mild detergent, followed by disinfectant.
3. Reinsert the dry cuvette holder.

To disinfect the instrument, use conventional solvent-free surface disinfectants, or alcohol based substances such as 70% isopropyl alcohol.

**Do not spray the instrument when cleaning, as this will damage the instrument!**

## Charging

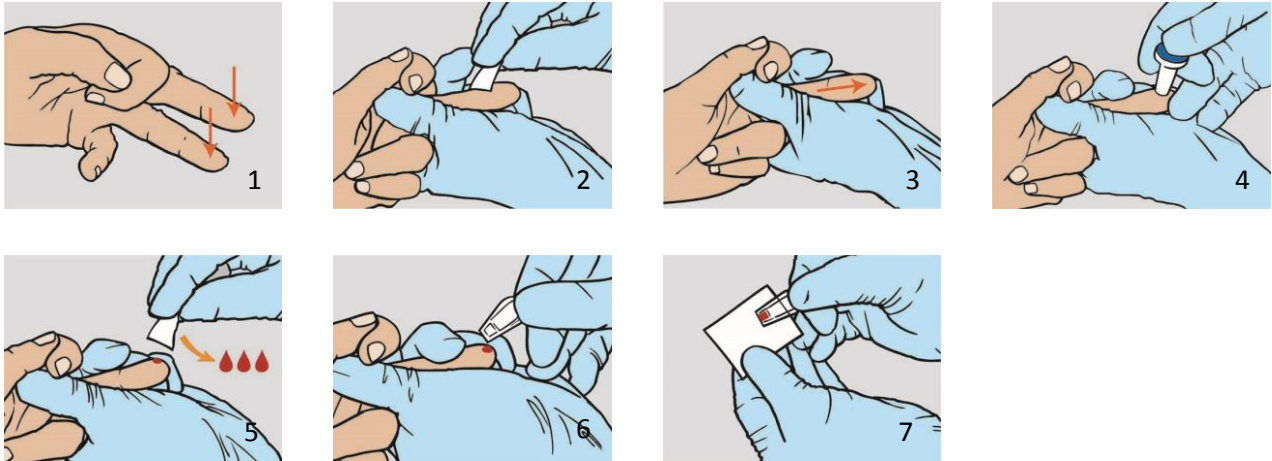


DiaSpect T<sub>m</sub> has an inbuilt rechargeable battery. A USB cable and a power supply for charging of the battery are supplied. A battery symbol in the display shows the current charging state. The flash symbol indicates that the instrument is connected to power. Leaving the instrument connected to power when the battery is fully charged will neither overcharge the battery nor decrease its lifespan.

# Short instruction for use of the DiaSpect T<sub>m</sub> system

*Always read the Operating Manual before using the DiaSpect system.*

## Measuring CAPILLARY BLOOD



### Capillary sampling

1. Make sure the hand is warm and relaxed. Use the middle or ring finger for sampling. Avoid fingers with rings on.
2. Disinfect and dry the puncture site.
3. Gently massage the finger towards the tip to increase blood flow.
4. Make the incision on the *side* of the finger tip. Use the 'upward side' of the finger to facilitate filling of the cuvette.
5. Apply light pressure towards the fingertip until a blood drop appears. Discard the first 3 drops and make sure there is a free blood flow before filling the cuvette with the sample drop.
6. Be sure to have a sufficient sized blood drop to fill the cuvette. Fill the cuvette by touching the corner of the cuvette to the blood drop. Fill the cuvette without interruption.
7. Wipe off the *outside* of the cuvette. Check that the cuvette is completely filled.

### Repeated sampling

Due to pre-analytical factors, hemoglobin measurements from capillary samples may sometimes be misleading. Typically, pre-analytical factors can include use of the lancet, capillary sampling technique, restricted capillary blood flow, or the presence of extra-cellular fluid in the sample.

These factors commonly affect the result towards too low results. Confirmation of an unexpected or unacceptable result can exclude potential pre-analytical factors as the cause. As the DiaSpect method is very fast, this confirmatory test can preferably be done using the same incision, as long as there is still a free flow of blood. If the blood flow has stopped, another incision should be made for the confirming sample. Record all results from repeated sampling, including relevant information about the reason for re-testing.