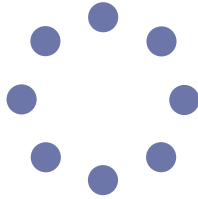


Clinical Study



Comfort Zone Technology is a pain masking feature that provides a comfortable level of stimulation to the sample site that disguises the pain of lancing.

Comfort Zone Technology works by using the central nervous system to communicate messages from the nerve endings to the brain.

1. Comfort Zone Technology is a series of 8 raised dots on the surface of the end cap. This stimulates the nerve endings in the fingertip that are responsible for touch and pressure.

2. When the end cap is pressed into the finger just before firing and stimulates the deeper pressure receptors. These receptors generate a large signal.

3. This signal 'loads up' neurons that rush a message to the brain that a comfortable level of stimulating pressure is being applied to the finger.

4. The neurons can only carry information from a single stimulus, so when the pain stimulus from a thin lancet is introduced, it is masked by the messages of comfort that have already been sent to the brain.

5. The result is that pain that may be experienced from lancing is masked by the Comfort Zone Technology to maximize comfort when sampling.

