White Paper:
Reaction Technology™ Enables Clinicians to Achieve Better Pain Treatment Plans and Relief Outcomes

Using the treatment data provided through the *Reaction Technology*™ helps to ensure providers are easily able to identify the optimal treatment locations.

Reaction Technology is integrated into the hardware and software of an advanced microcurrent electrotherapy medical device. The handheld noninvasive and non-addictive medical device is slightly larger than a computer mouse with a digital display screen.

The interface is a medical-grade stainless steel electrode built-in to the device or an attachable electrode called the Y-electrode accessory. With the device interface ready, the clinician follows a standard protocol to take readings on the patient's skin and records the readings displayed on the digital screen. The reading is represented on the display as a whole number correlating the conductivity of the tissue. The readings are relative or correlative measures of the patient's skin conductance. Readings from 25 to 35 represent a normal level of skin conductivity. Normal readings may vary between patient and geography (a cold dry climate may produce a lower baseline and a warm dry climate may produce higher baseline).

Multiple readings are required by the clinician to get a baseline. The readings inform the clinician, and the clinician uses medical judgement to interpret the data provided by the medical device. To be clear, this is not a diagnostic device. Rather, the medical device only displays reaction data that the clinician then observes and records to inform a medical judgement of the identification of an active zone and potential optimal area for treatment. It is like a clinician observing and using a patient's temperature reading on a thermometer to diagnose a fever. The clinician makes the diagnosis not the device.

The clinician looks for outlier conductance levels (outlier reaction readings) that generally reflect an active zone and uses clinical judgement to focus treatments on the identified active zones. Generally, treatment of the active zones results in improved data driven outcomes and better understanding and customization of the treatment plan for each patient.
Standard protocols enable the clinician to employ Reaction Technology to identify optimal areas for treatment and for the clinician to develop a treatment plan supported with the data provided with Reaction Technology.

The device can be purchased for clinic use and for home use. Instructions for use are available in the owner's manual. Training videos and remote virtual training are available.

Prescription Indications for use: Avazzia prescription relief devices are FDA-cleared for the symptomatic relief and management of chronic, intractable pain, and adjunctive treatment in the management of post-surgical and post-traumatic pain.

Contraindications: Not to be used by those with pacemaker nor another implantable electrical device. Not to be used by pregnant nor nursing women.

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