



Freedom from pain
without drugs or
invasive treatments

Getting started with microcurrent therapy for natural pain relief

The Professional Solution for Pain Relief



- Prescription-level pain relief
- Drug free and non-invasive
- Advanced neurological signals to maximize pain relief
- 14 preset modes and 4 programmable modes
- Portable relief can be worn during many daily activities
- Simple to use
- Reactions technology for finding the optimal place to treat

PRO-SPORT Ultra™ Protocol Supplement

The Avazzia PRO-SPORT Ultra™ is an advanced microcurrent neurological stimulation device that prompts the body's natural responses to provide all-natural, drug-free, noninvasive pain relief.



Pro-Sport Ultra™ Device

International Certifications

- US FDA 510K cleared
- ISO 13485 International Quality Management System Certification
- CE - Medical Device Certification mark in Europe
- Health Canada license

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician or healthcare practitioner.

INTENDED USE: Transcutaneous Electrical Nerve Stimulation (TENS) for symptomatic relief and management of chronic intractable pain; adjunctive treatment in the management of post-traumatic and post-surgical pain.

Safety Precautions

Read all safety instructions in the Owner's Manual before operating. The device should only be used for the purpose for which it is intended. Device should only be used by people who can read and understand these instructions in English.

Contraindications

Do not use on persons with a demand-type cardiac pacemaker, implanted defibrillator, or other implanted electronic device. Such use could cause electric shock, burns, electrical interference, or death.

Do not use if pregnant or nursing.

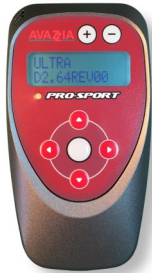
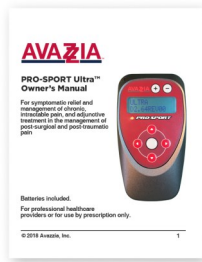
Do not use device for undiagnosed pain syndromes until etiology is established.

PRO-SPORT Ultra™ Online Training Videos

www.avazziatraining.com/collection/view/id/25/

- Microcurrent for Pain Treatments in My Practice
- Shoulder Joint Pain Therapy
- Knee Pain Therapy
- Plantar Fasciitis Pain Therapy
- Carpal Tunnel Pain Therapy
- Elbow Pain Therapy
- Neck Pain Therapy
- Performance Enhancement
- Shin Splint Pain Therapy

Product Options Available for Purchase



Stand alone device with built-in electrodes.

Benefit: Requires no consumable conductive pads.



Portable carrying case kit with Y-electrode, pencil electrode, brush electrode, self-adhesive conductive pads and lead wires (Recommended option).

Benefits: Optimized treatment and electrotherapy is provided by:

Y-electrode for hard to reach areas such as the feet and back, and for large body tissue such as thighs, calves and back.

Pencil electrode for small areas such as between the fingers and toes.

Brush electrode for tissue with hair where hair may interfere with skin to electrode contact.

Y electrode, brush electrode, pencil electrode, self-adhesive electrodes, and lead wires are also available for purchase separately.

People Who Have Experienced Pain Relief With Avazzia

I played football at University of Arkansas and Northeastern State University in Oklahoma and sustained many injuries during my athletic career. I have tried just about everything I could to sooth and relieve the pain associated with arthritis and scarring of muscles, tendons and bone fractures...(including very expensive shots and several different prescription TENS units...I found a significant measurable amount of relief associated with the Avazzia therapy in a very short time. I must say I have found the relief I have been trying to find with all of the others and your Avazzia unit really works. I consider this unit to be the next generation of therapy devices to be recommended by team doctors and trainers.

Bill Scott

High school, Collegiate and NFL football player (retired)
Former Bristow (OK) High School coach
Oklahoma Coaches Association 1985 Hall of Fame honoree

After spending eight hours a day using a computer mouse , I began suffering from severe numbness in my right hand and arm. I was introduced to the Avazzia device and began seeing improvement almost immediately. Within six months I was totally symptom-free and able to avoid surgery (which I was told was my other option). Since then I have used the device to relieve the chronic neck and shoulder pain that has seriously impacted quality of life for my entire adult life. Nothing I've tried before has been as effective.

Dianne Stultz

Plano, TX

Community Health Center of Lubbock has been searching for an effective method to deal with our unfunded clients lower back pain. We are excited that Avazzia has a solution that we are working to incorporate into our practice.

Michael Sullivan

Lubbock Community Health Center

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Getting Started With the PRO-SPORT™

1. Insert two double AA batteries into the battery compartment on the reverse side of your Avazzia PRO-SPORT Ultra device.



2. Turn on the device using on/off slide switch.

Power ON/OFF Slide Switch



3. Your Pro-Sport Ultra device is ready for use.

In addition to the built-in electrodes, you may use Avazzia-manufactured accessories for use with the device to improve convenience or ease of treatment.

4. Overview of Pro-Sport Ultra operation:



- A** Power on/off slide switch: Slide the switch to turn the device on and off.
- B** Power control keys: Press the keys to select the desired power level. Press (+) to increase power. Press (-) to decrease power.
- C** Accessory port: Insert electrode accessory lead wire into port.
- D** Display: The backlit display shows power level, timer, readings, reactions, and mode
- E** Output indicator LED is illuminated when device is on.
- F** Depress the menu navigation keys to change modes and settings.



Navigate UP



Navigate RIGHT



Navigate DOWN



Navigate LEFT



SELECT

Y Electrode

Y electrode is intended for use with hard-to-reach and large body tissue locations.



Pencil Electrode

Pencil electrode is intended for use with small areas such as between the fingers or toes.



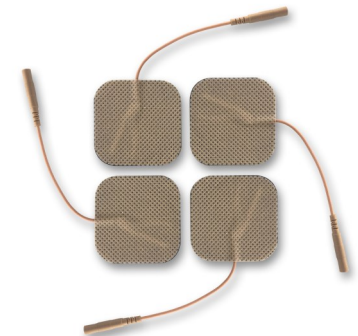
Brush Electrode

Brush electrode is intended for use on tissue with thick hair as hair may interfere with skin to electrode contact.



Conductive Electrode Pads (Reusable, Self-adhesive)

Electrode is intended for hands-free use.

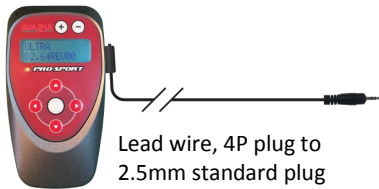


Lead Wires

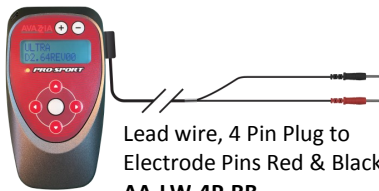
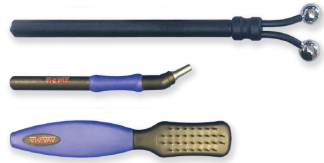
Device can be operated with the built in electrode shown to the right.



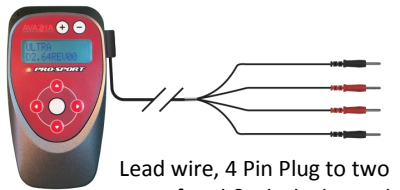
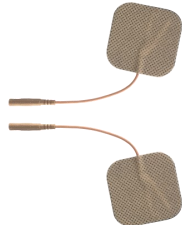
Device can be operated using manufacturer – supplied accessory electrodes and lead wires as shown below.



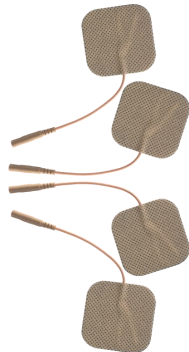
Lead wire, 4P plug to 2.5mm standard plug
AA-LW-4P-250



Lead wire, 4 Pin Plug to Electrode Pins Red & Black
AA-LW-4P-RB



Lead wire, 4 Pin Plug to two sets of Red & Black Electrode Pins
AA-LW-4P-2X-RB



Display information



- PPP** = Power Level
- iii** = Initial Reaction reading
- mm:ss** = time of treatment in minutes: seconds (*This will restart at zero if the mode is changed.*)
- 000** = Ongoing Reaction
- xx** = Coefficient of Form X (*Ongoing Reaction coefficient*)
- yy** = Coefficient of Form Y (*Initial Reaction coefficient*)
- D**= D
- Z**= Zero
- nn** = Speed of Reaction (*Counts down to zero*)

Power level: Power output intensity is displayed as a numeric value ranging from 1 to 250. Intensity is controlled by power level keys. Press the keys to select the desired power level. Press + to increase power. Press - to decrease power.

Initial Reaction reading (IR): The relative measure of the body's conductance when the device is initially applied to the tissue. Data is displayed as a numeric value.



Time: This measures the duration in that mode. Data is displayed as minutes and seconds. When the time reaches 100 minutes this symbol ∞ will display instead of the actual time since the screen has run out of digits.

Ongoing Reaction readings (OR): Relative measure of the body's conductance as measurements from the tissue change during application of microcurrent to the tissue. Data is displayed as a numeric value.

Coefficients: Coefficients of Form are numeric values determined when electrodes are placed on tissue. Coefficient of Initial Reaction (CIR) and Coefficient of Ongoing Reaction (COR) indicate the ratio of change of the tissue's impedance to the stimulation pulse.

- **COR = CIR (COR and CIR are the same):** No dynamic change.
- **COR < CIR (COR is less than CIR):** Tissue impedance is decreasing, positive dynamic change.
- **COR > CIR (COR is greater than CIR):** Tissue impedance is increasing, negative dynamic change.

D: D is displayed to show that OR is changing relative to IR and that the process of changing tissue conductivity has begun. *Audio tone: chirp*

Zero: A "Z" on the display indicates that the rate of change of OR to IR has stabilized (ie.: stopped changing). *Audio Tone: longer ring*

Speed of Reaction: This number indicates the relative proximity in time to an indication of Z. In other words, this number counts down to zero where the higher the number, the faster the speed of reaction; and the lower the number, the slower the speed of reaction.

Display example: In Relax Assess mode, when electrodes are applied to the body, the display is updated:

- Initial Reaction reading is displayed
- Timer resets to 0:00
- Line 2 displays Relax and the word Assess disappears to make room for D and Z indicators.

When the electrodes are taken off the body, the display shows Relax Assess and the previous Initial Reaction reading remains on the screen to allow the user to refer to the reading after application.

If the device is removed and re-applied to the body, the new Initial Reaction is displayed, and the timer is reset to 0:00.

The Initial Reaction and Ongoing Reaction are relative values on a scale from 1 to 255, where:

- 0 to 25 low reading
- 25 to 35 reading mid range
- 36 to 45 high reading
- Over 45 very high reading

The timer returns to the time in the mode when the electrodes are lifted. The timer returns to 0:00 when the electrodes are replaced on the skin. Press the Select key to reset the time in the mode.

Avazzia PRO-SPORT Ultra Modes

This device is a Frequency Specific Microcurrent device with 14 preset modes and 4 user-programmable modes and Reactions Technology with a digital display. All modes are FDA-cleared for use in symptomatic relief and management of chronic, intractable pain and adjunctive treatment in the management of post-surgical and post-traumatic pain (available by prescription only). For details about the mode frequencies please refer to the owner's manual that came with your device. Use navigate Up or Down buttons to scroll to desired mode. Use (O) to SELECT.

Pain Indications for Use						
Mode Name	Chronic	Intractable	Acute	Post-Traumatic	Post-Surgical	Reactions Technology
Relax Assess	+	+	++	+	+	+++
Blue Relax	+	+	++	+	++	+++
Modulate	+	+	+++	+	+	
Stimulate	++	++	+	+	+	
Blue Stim	++	++	+	+	+	
Acute	+	+	+++	+++	+	
RSI	+++	+++	++	++	++	+++
VASO	++	++	++	++	++	
Acute Trauma	+	+	++	+++	+	
783 Harmonics	+	+	+	+	+	
PG 2500	+	+	++	++	+	
HGH	+	+	+	+	+	
AVA	+	+	+	+	+	+++
<div style="display: flex; justify-content: space-around;"> + Good ++ Better +++ Best </div>						

Identifying the Optimal Area for Treatment Using Reactions Technology

One of the key reasons professionals and home users get the PRO-SPORT Ultra is for its ability to identify the optimal area for treatment. It does this using proprietary reactions technology. The device signal senses the tissue's electrical properties of conductance and displays data. See the owner's manual for full discussion of reactions technology.

What is measured with Reactions: When the Reactions function is started, the display screen will show relative conductivity of tissue under the electrodes whether using an accessory or built-in electrode). Reaction data is not accurate with conductive pads.

The reaction values may indicate when skin-to-electrode contact is less than optimal, or to indicate when the skin needs to be moistened to ensure optimal stimulation is delivered.

While the reaction values may indicate when skin-to-electrode is less than optimal, the reactions values may also indicate when skin-to-electrode contact is more optimal. The reaction values are the relative measure of the tissue conductance when the device is applied to tissue.

Consequently, the higher the reaction reading indicates higher tissue conductance and is more optimal area to treat because the tissue can conduct the electrotherapy better. The following 3-step protocol will use Reactions Technology to identify the optimal area for treatment.



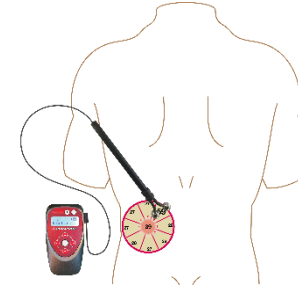
3-Step Protocol

Duration: 15 to 30 minutes

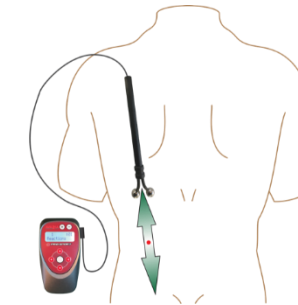
Equipment: Pro-Sport Ultra, lead wire, Y-electrode

Documentation: IR Chart. Downloadable form at www.avazzia.com/forms

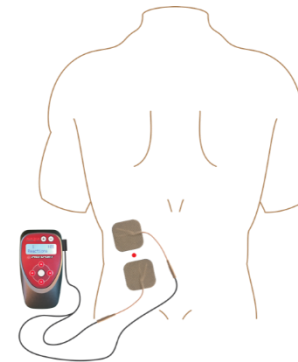
Step 1: Identify the point of pain and the optimal area for treatment and treat at the optimal area for treatment.



Step 2: Smooth out areas of friction.



Step 3: Stimulate area with conductive pad electrodes.



Step 1: Identify where to treat

Duration: 2 to 10 minutes

No conductive creams or gels are needed

Attach Y-electrode (for convenience), then turn on device with on/off switch. The device turns on in the default mode: **Relax Assess**.

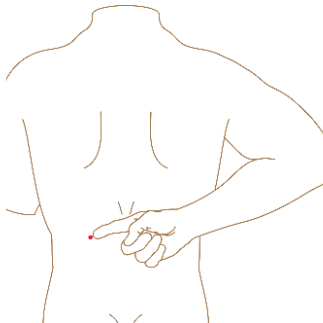
Note: Built-in electrodes can always be used to replace the shown electrode.



Power ON/OFF Slide Switch

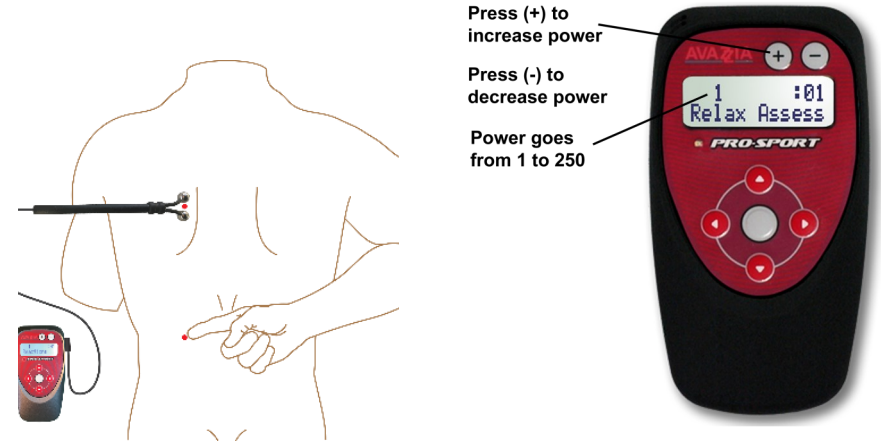


Have the patient tell you where it hurts or point with one finger to the point of pain.



Pro-Sport Ultra™ Device

Place Y-electrode on tissue away from area to be treated. Press and hold the plus (+) button, slowly bring up intensity (power) to a comfortable power level.



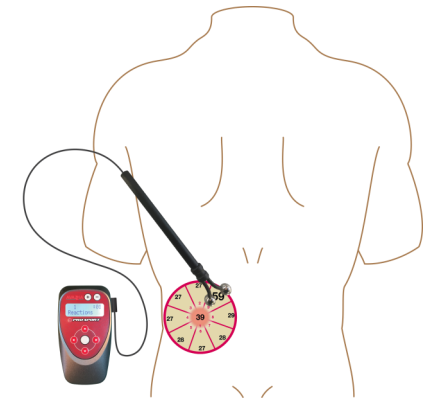
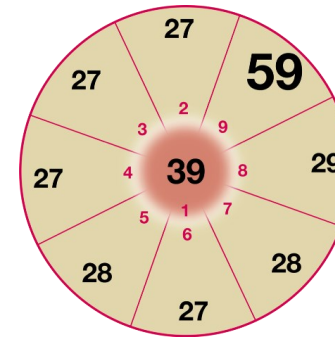
Remove Y-electrode from tissue, and then press the left arrow once. The display now shows **Reactions** and you have accessed **Reactions Technology**.



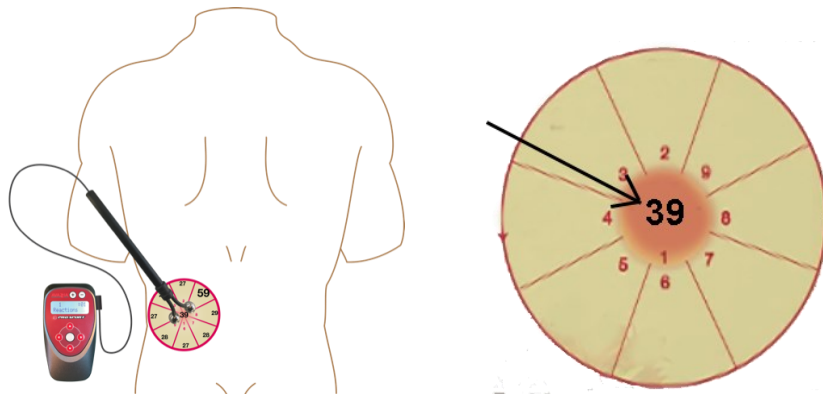
Place the Y-electrode on the point of pain. The display will show Power Level, Initial Reaction, Time, Ongoing Reaction and Speed of Reaction.

Remove the electrode from the tissue and readings will be shown on the display. The Initial Reaction (IR) is 39.

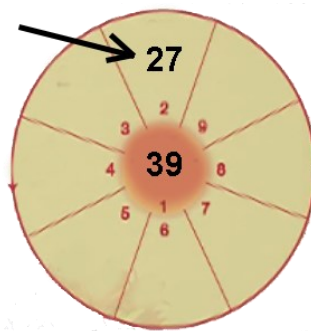
Take multiple readings on the tissue using the pattern depicted and record mentally or on the chart as shown. In this example, the highest number is recorded and the optimal point to treat is 59.



Record the number mentally or on a chart like shown. The IR is the relative measure of the tissue's conduction when the device is initially applied to the tissue.



Starting on tissue next to the point of pain take another reading. In this example, the reading was 27. Record the number mentally or on a chart like shown.



Now that the optimal area for treatment is identified (i.e. the tissue with highest initial reaction which is the highest point of conductivity related to the point of pain, neuromodulation for pain relief can begin. Place the electrode on the highest IR point identified above, and treat until a "D" or "Zero". The "D" indicates that the ongoing reaction is changing relative to the initial reaction and that the process of changing tissue conductivity has begun. If the "Z" occurs before the "D", then continue to treat for at least 1 minute, lift the electrodes and replace them to treat until both a "D" and a "Z" occurs. Repeat as needed.



DZ indicates treatment at this location is complete.

Step 2: Smooth out the areas of friction.

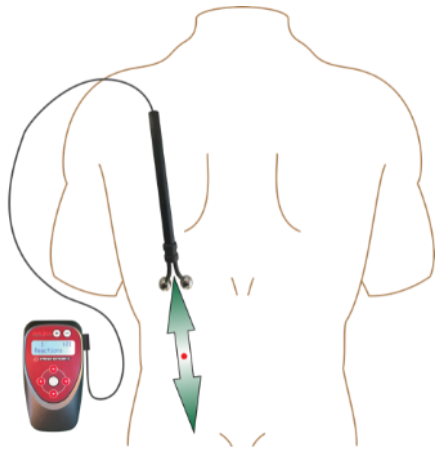
Duration: 5 to 15 minutes

No conductive creams or gels are needed.

Power Setting: Comfortable tingling

Move the electrode in painting like stroke on and around the point of pain to check for locations of friction.

Friction points are where the electrode drags or sticks to the skin. You may hear a buzzing or humming sound. This is normal. This is generally an area of higher conductance. Repeat strokes with a painting like motion in horizontal, vertical, and diagonal directions with the electrode until friction is reduced or eliminated.



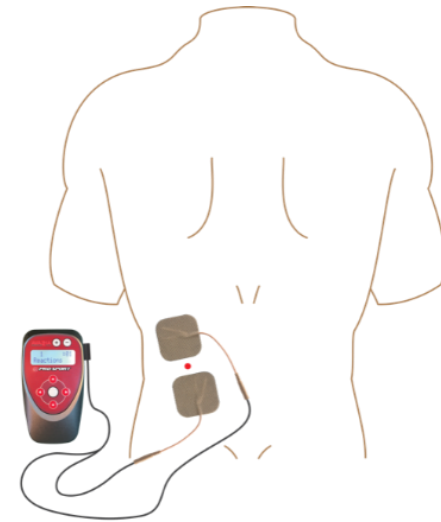
Step 3: Stimulate the area with conductive pad electrodes

Place conductive pad electrodes at the point of pain or the optimal area to treat found in step 1.

Duration: 5 to 15 minutes

No conductive creams or gels are needed.

Power Setting: Comfortable tingling

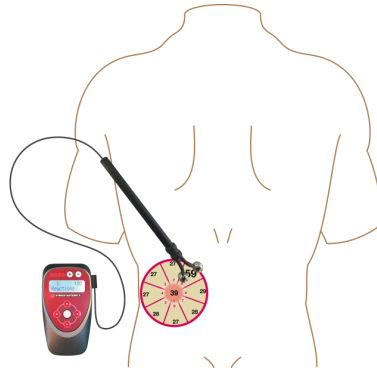


Low Back Pain

Step 1 Identify where to treat

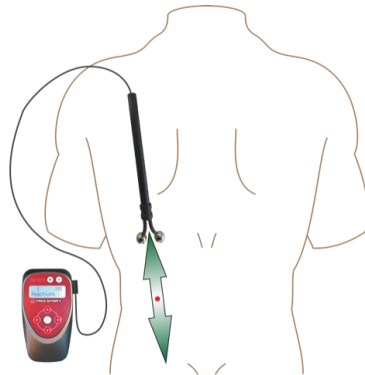
- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



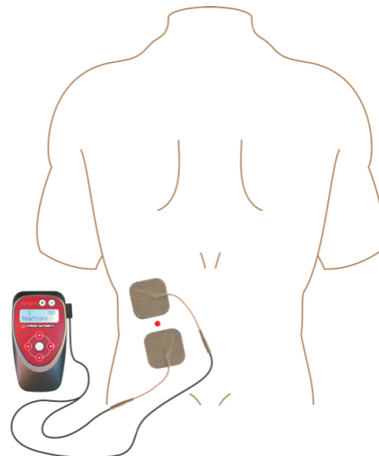
Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes

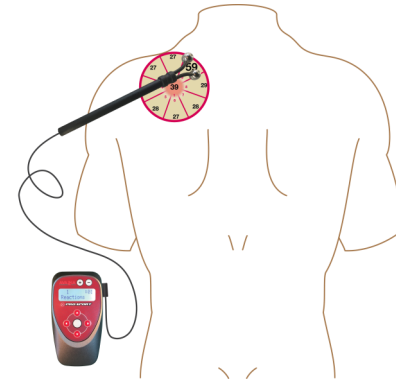


Upper Back (Neck and Shoulder)

Step 1 Identify where to treat

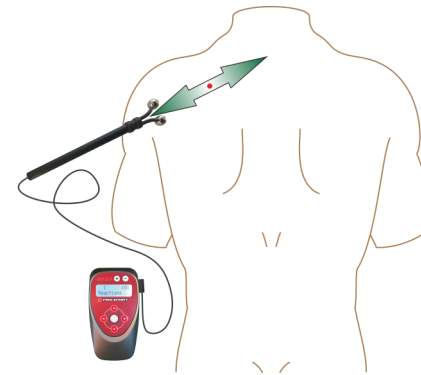
- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



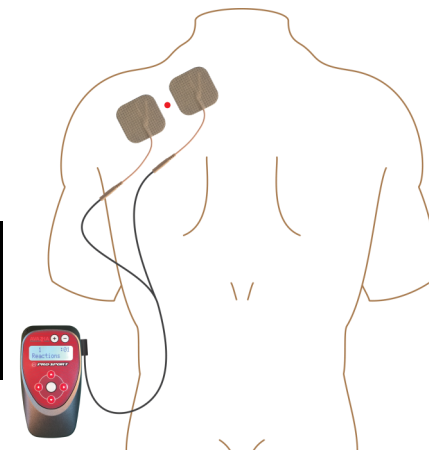
Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes



Elbow

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes



Wrist

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes

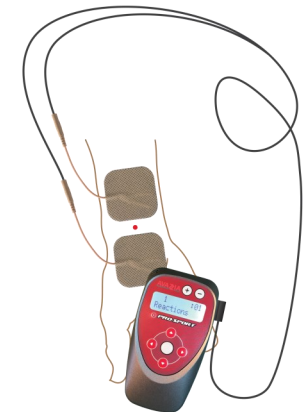


Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes

Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes



Forearms

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?



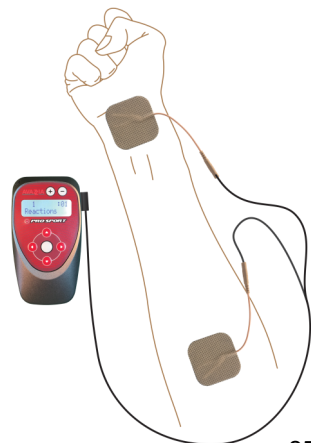
Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes

Step 2 Smooth



Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes

Step 3 Stimulate



Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes

Knee

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?



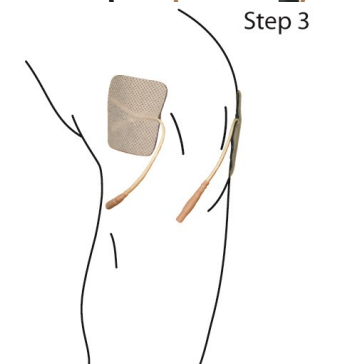
Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes

Step 2 Smooth



Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes

Step 3 Stimulate



Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes

Lower Leg

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes

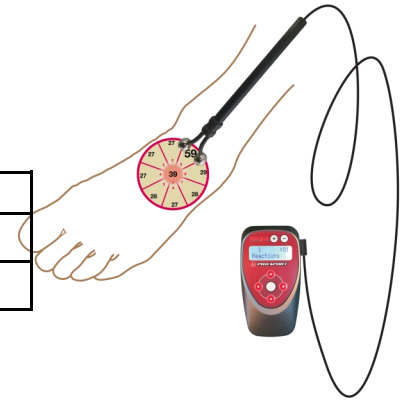


Ankle

Step 1 Identify where to treat

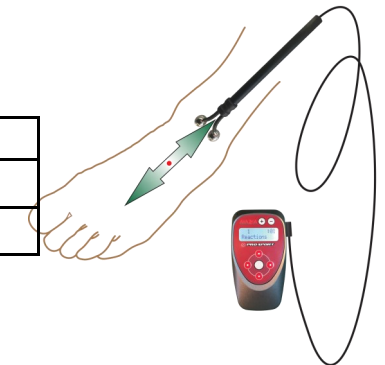
- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes

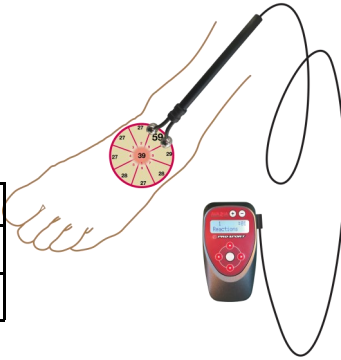


Foot

Step 1 Identify where to treat

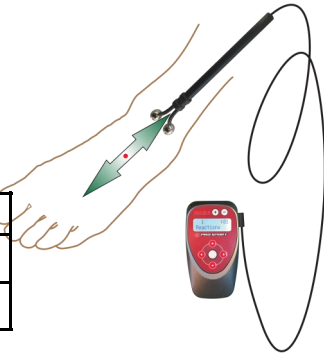
- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



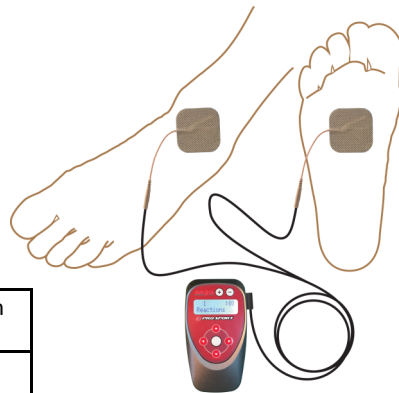
Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes



Sole of Foot

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes



Heel

Step 1 Identify where to treat

- where does it hurt?
- Where is higher conductivity?

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	2 to 10 minutes



Step 2 Smooth

Mode	Relax, Blue Relax, RSI
Power Level	Comfortable tingling
Duration	5 minutes



Step 3 Stimulate

Mode	Stim, Deep Stim, Blue Stim Acute Trauma, VASO
Power Level	Comfortable tingling
Duration	8 to 15 minutes



PRO-SPORT™ PAIN RELIEF MICROCURRENT



NO DRUGS
NO SURGERY
JUST RELIEF

MICROCURRENT THERAPY FOR NATURAL PAIN RELIEF

Providing pain relief without drugs or surgery since 2004, Dallas-based Avazzia designs, manufactures, markets and distributes scientifically advanced, medical devices for management of pain. Avazzia's products are U.S. Food and Drug Administration 510(k) cleared and incorporate patented Bio-Electric Stimulation Technology™ (BEST).

Avazzia's product portfolio includes BEST-RSI™ Device, BEST-PRO 1™ Device, Pro-Sport Ultra™ Device, Pro-Sport III™ Device, Avazzia Blue™ Device and ezzi-lift™ cosmetic device.

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