

Troubleshooting Continued:

4) The metal tips on the lead wire pins may begin to collect rust or other buildup/discoloration while in contact with the hydro weights, or if left in the bath between treatments. If any rust or tarnishing whatsoever is on these pins it could short circuit the channel and the device will not work, or only work intermittently. Superficial rust and buildup is easily removed from pins with fine steel wool or sandpaper. Toothpaste has also proven to remove buildup from the lead wire pins.

5) To test the lead wires for damage, hold the red and black ends of a single lead wire in such a way that the metal tips are touching each other, then adjust the intensity on the Neuro unit. If all is well the intensity should adjust upwards and the orange ring around the lead wire plug should light up and stay lit. Repeat for the second channel, then test the second lead cable in the same way. If one or both lead wires do not work on either channel please contact us as this likely indicate a broken or defective lead wire (common with leads that have been crimped).

6) Test the blue electrode pads for damage or defects. These items are fairly low tech and not prone to going bad. Blue pads can nevertheless be easily tested by attaching one pad to the red pin and the other to the black pin on the same lead. Next, lay the pads side by side on a table (not in water) with the black sides facing up but not touching, and span your hand across them both (fingers on one pad and palm on the other) and adjust the intensity on the Neuro unit. If the pads are working you will feel the current in one of the pads (usually the one under your fingers) at roughly 10-15 intensity in Neuro A mode. Test one pad then swap it with the other to see if you get sensation from both. If so, both are working.

7) Try the **Simple Version of the Treatment Protocol**, since the intensities often don't need to be set as high. This is actually our preferred method, and is the method we used and recommended for many years before neuropathy-specific electrotherapy devices began shipping with 2 channels. In this version of the protocol one blue pad goes on the red pin and the other blue pad on the black pin of the SAME lead wire/output channel. One blue pad is then placed in either side of the separated bath bin (the two pins of the lead wire may need to be pulled apart more), black side up, and the treatment is started using just the one channel to treat both feet. The Weights and second channel are no longer used.

8) It is important to note that it is fairly common for neuropathy sufferers not to feel much sensation with the Water Bath Protocol, especially if numbness is a prominent symptom.

Product Support:

Please carefully review this guide before contacting us at:  
[support@drhelpbooks.com](mailto:support@drhelpbooks.com)

Warnings:

- **Never start any Ultima Neuro treatment without first getting the full consent and ongoing supervision of a qualified physician.**
- **Carefully review all WARNINGS, Precautions, Instructions and other Information in the manufacturer's User's Manual before use.**
- Unless prescribed by your physician the Ultima Neuro should not be used by expecting or nursing mothers, individuals with pacemakers, children, and individuals who have total or partial loss of feeling from neuropathy or other complicating conditions.
- Never operate a motor vehicle or machinery while using the Ultima Neuro.
- If you experience an adverse reaction during treatment discontinue use immediately and contact your physician.
- Should treatment cause any kind of skin rash that doesn't go away, discontinue use immediately and consult your physician.
- Included electrode garments & electrode pads are non-sterile and are intended for use or reuse by a single user only.
- Never place electrode garments or electrode pads over broken skin or an open wound.
- Never place electrodes on or near the eyes, in the mouth, trans-cerebrally (on each temple), or on the front of the neck. Ask your physician for proper electrode placement help.

**Legal Disclaimer:** Before use, user understands and agrees that Ultima Neuro should only be used under the supervision of a qualified physician. Users must read and completely follow all directions provided by the manufacturer, as well as all instructions from their physician regarding treatment times, and protocols. User assumes all responsibility for the use/misuse of this product. User understands that Conductive Therapy Shop is only a distributor and in no way assumes responsibility for any injury the products it sells may cause due to malfunction, misuse, inappropriate application, or other reason.

Other Innovative Products available for Ultima Neuro home treatment from Dr. Labrum's Electrotherapy Devices & Accessories



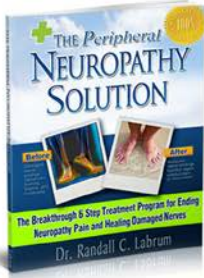
Conductive Garments & Electrode Pads

Further customize your Ultima Neuro treatments with our high quality conductive silver thread garments & silicon rubber and carbon mesh electrode pads



Trace 60® Products & Bath Protocol Kits

Discover our own clinically designed line of highly conductive multipurpose electrolyte sprays, Epsom salts, and water bath protocol kits



The Neuropathy Solution Program

Dr. Labrum's popular, proven, 6-step treatment program provides breakthrough insight and inspiration for ending neuropathy pain without drugs, surgery or guesswork

[www.DrHelpBooks.com/shop](http://www.DrHelpBooks.com/shop)

Dr. Labrum's  
**Ultima Neuro**  
**Quick Start**  
**Guide**  
**WATER BATH PROTOCOL**



Dr. Randall C. Labrum



[www.DrHelpBooks.com/Shop](http://www.DrHelpBooks.com/Shop)

## ✚ Instructions for Use:

1. Before treatment the battery **REQUIRES** charging.
2. You can treat either one or two feet or hands using the Ultima Neuro water bath protocol. If treating only one foot or hand a single plastic water basin will suffice. A clear, shoebox size plastic bin will work for this purpose. If treating both feet or hands simultaneously we recommend using either a divided plastic basin or two individual bins to keep the feet/hands electrically isolated.

**NOTE:** If you encounter issues with the setup described here try the **Simplified Water Bath Protocol** as outlined in *Step 7* of the *Troubleshooting* flap.

3. Fill the bin or basin with enough water to submerge your foot/hand to just above the ankle/wrist. The water should be quite warm, which serves to dilate blood vessels in the extremities, allowing for better delivery of freshly oxygenated, toxin-removing blood to the peripheral nerves.

4. **IMPORTANT: Trace 60 Epsom Salt must be added to each bath for conductivity to occur.**

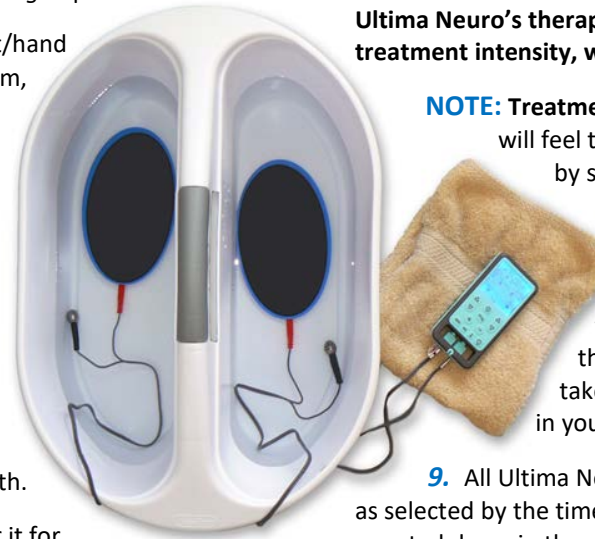
**NOTE:** The amount of Epsom Salt required for bathes to be brought to a conductive “tipping point” can vary from a pinch to a tablespoon or two and depends on factors such as the mineral content of your local water supply, your skin chemistry, etc. The amount needed may change from treatment to treatment and be different for each side of a bath.

**NOTE:** Trace 60 Epsom Salt is not required, though we prefer it for the beneficial trace minerals it adds to the skin. Most brands of Epsom Salt found at pharmacies will work. Avoid all perfumed or colored bath salts.

5. Attach the lead wire(s) to the Ultima Neuro. Next, insert the red pin into the connection hole on the blue rubber electrode pad(s) and the black pin into the pre-drilled hole of the 100% steel Hydro Weight(s). **Since the weights are drilled intentionally large, we recommend using a small swatch of tape to affix them to the plastic lead.** Duct tape works well, but avoid fully covering the weight or pin.

**NOTE:** Arrange the bath where you can sit comfortably and with little movement during the next 20 to 35 minutes. A recliner is ideal. Keep a towel close to dry your feet/ hands after treatment. Since your feet/ hands will be wet and the water will cool you may want to place a space heater nearby or keep a blanket on hand to cover yourself should you become cold.

6. Submerge **BOTH** the rubber electrode pad(s) **AND** the Weight(s) in the bath and arrange them so that they **DO NOT TOUCH**. The blue pad(s) should be facing **BLACK SIDE UP**. Next, insert your foot/feet or hand/hands into the bath so that they rest at least partially on the black side of the blue pads.



**NOTE:** The included 3” round, adhesive electrode pads can be used in place of the Hydro Weights. Affix the pads to the lower leg/arm above the water.

7. Only now power on the Ultima Neuro. The display will light up in blue for a few seconds.
8. Sit still, do not move your feet, and begin slowly increasing the intensity of the treatment current by pressing the up button (triangle) for the channel you are using, or for both channels independently if you are treating both feet/hands. You will notice the outlet where the lead wire plugs into the Ultima Neuro is now illuminated in orange. You may have to increase the intensity for quite some time before you feel any sensation. **The special dimensions of the Ultima Neuro’s therapeutic waveforms are far more important than treatment intensity, which is very subtle by design.**

**NOTE:** Treatment in *Neuro A* and *A1* mode pulsates, which means you will feel the charge intermittently for several seconds, followed by several seconds where no charge is emitted.

**NOTE:** Every individual responds somewhat differently to the bath protocol. If you do not feel a minimal amount of current, try experimenting with the position of your foot/hand as it relates to both the the rubber electrode pad and the Hydro Weight. It may take a few moments initially to determine what works best in your particular case.

9. All Ultima Neuro treatments are timed for either 20 or 35 minutes as selected by the timer button (lower left with clock face). Time remaining is counted down in the display. At zero the device will automatically shut off.
10. Full neuropathy treatment consist of **4 different sub-programs that run consecutively and without interruption**. The current sub-program is indicated in the upper left corner of the display. The 4 sub-programs and their durations are as follows: **Neuro A** (4 or 7 mins.), **Neuro A1** (4 or 8 mins.), **Neuro B** (6 or 10 mins.), **Neuro B1** (6 or 10 mins.).

**NOTE:** The *Neuro B* and *B1* intensity scale is different than for *Neuro A* and *A1*. Some users feel virtually nothing at all during treatment. Others have to increase intensity to the near the max setting. **This is normal and treatment will be effective even if little or no current is felt.**

**NOTE:** The 20-minute treatment program done **once daily** is suggested for most users during an “adaptation period” of at least one week. After the adaptation period users generally receive **two** treatments of either 20 or 35 mins. daily. One treatment before bedtime is especially beneficial. The other can be performed when convenient.

11. **IMPORTANT: Disassemble, clean and thoroughly dry the lead wires, weights, and electrode pads between each treatment** to prevent rust and buildup that can negatively affect the functioning of the Ultima Neuro.

## ✚ Troubleshooting:

Most issues users experience with the Ultima Neuro are related to procedure and set up, and can be easily resolved with attention to detail and the simple tips and modifications explained below. Much less frequently a user will encounter damaged or defective equipment. Following the troubleshooting steps also outlined here will help determine whether such a defect or damage exists.

When it comes to the Electrode Garment Protocol the most common symptom indicating the presence of an issue is that one or both channels no longer distribute current. **This is accompanied by a symbol of a plug with a slash through it in the display**, and by the failure of the orange rings around the lead wire sockets to light while attempting to adjust intensity. In most cases these symptoms and symbols mean that a circuit is not being formed between the red and black lead pins on a particular channel.

**1)** Always fully charge the battery before troubleshooting. If you recently charged the battery or if the Neuro unit has been dropped the battery may have been reinserted a little “off”. Remove the battery and carefully seat it again.

**2)** Use your hands and fingers to gauge the intensity levels before putting your feet into the bath, since the hands are typically more sensitive to the current in cases where neuropathy is in the feet. Another good approach is having a healthy, non-neuropathy sufferer gauge the current with their hands and fingers. We would normally expect a healthy person to feel the current in *Neuro A* mode at between 5 and 15 intensity (the max is 36), and between 4.0 and 8.5 in *Neuro B* mode (max is 10.0). *Neuro A* and *A1* pulsate on and off, so the hand/fingers should be left in the bath near the pad and/or weight and kept still for at least 30 seconds. *Neuro B* and *B1* are very subtle, so not as easy to sense. Many neuropathy sufferers report feeling little to no sensation in *Neuro B/B1* mode, though it is the mode we most often hear users raving about in terms of improving sleep, balance, sensation and reducing pain.

**3)** More Epsom Salt may be required. Each side of the bath must be brought to a conductive “tipping point” in order for the current to begin circulating freely, thereby creating a circuit in the bath. Each side of the bath may require a different quantity of Epsom Salt to reach this point, and this quantity may change from treatment to treatment based on factors such as the mineral content of your local water supply, or the chemical properties of your skin.