

PATIENT GUIDE #1 PAIN & CIRCULATORY TREATMENT



BEYOND TENS: ELECTRIC CELL SIGNALING MEDICINE

To most people, TENS is synonymous with electrical stimulation. However, there is now a considerably more advanced form of electromedicine being used by innovative physicians in clinical practice, as well as numerous hospitals throughout the country. This method, referred to as Electric Cell Signal Treatment (EcST), appears to be providing more effective treatment and longer lasting pain relief for the patient.

EcST involves the use of electrical modalities of pharmaceutical strength and using resonant frequencies and associated harmonics in ranges much greater than conventional TENS. Under the direction of a trained medical professional using the proper EcST protocol, patient dosage and anatomical electrode application, these specialized medical devices can safely and effectively treat most pain and circulatory (vascular) conditions.

The clinical uses for the Electric Cell Signaling Treatment (EcST) systems include:

- acute and chronic pain conditions
- adjunctive treatment of post-traumatic pain syndromes
- management and symptomatic relief of chronic (long-term) intractable pain
- adjunctive treatment in management of postsurgical pain problems

- neuromuscular re-education and training
- relaxation of muscle spasms
- prevention of retardation of disuse atrophy
- increasing of local blood circulation
- immediate post-surgical stimulation of the calf muscles to prevent phlebothrombosis



ELECTROMEDICINE

A wide variety of medical conditions have been successfully treated with electrical stimulation for nearly 2,000 years. The first reported application of electromedicine was by medical doctors in Greece. Using electrical impulses for treatment for pain and circulatory disorders, electric eels were placed in footbaths. Doctors and Dioscorides (circa 46AD) documented substantial therapeutic results with electrical currents in both pain and circulatory conditions.

In the 1700's European physicians used controlled electrical currents from electrostatic generations almost exclusively for the treatment of pain and circulatory dysfunction.

By the late 1800's, more than 50% of all American physicians used some form of electromedicine in their practices daily for pain management and wound healing. This continued until 1910, when a misleading report was published which discredited the value of electromedicine and nutritional therapy in the human body. This report was responsible for the decline in the use of electromedicine in the physician's private practice.

Only in the last fifteen to twenty years have these valuable treatments regained acceptance in the medical community and are now being taught at many leading university medical teaching facilities throughout the United States. Some of the most prestigious medical/scientific treating facilities in the United States are routinely applying electromedicine successfully for pain management, circulatory and vascular issues, as well as many difficult neuromuscular problems.



ABOUT THE ELECTRIC CELL SIGNALING TREATMENT

Once a diagnosis is made and treatment plan is prescribed, the physician or clinician will select the proper EcST cellsignaling parameters. The proper dosage level will then be selected dependent upon the individual patient and specific medical condition.

Patient dosing is usually based upon the verbal feedback given by the patient to the physician or medical technician. It is usually NOT correct to believe that a "higher EcST sensation is better" It is important to keep in mind that specific dosages produce different physiologic mechanisms of action and hence accomplish different desired effects in the body. Only trained medical professionals should administer the dosage.

In NO case and at NO time should the patient ever experience a burning or stinging sensation from the electric signal (EcST) treatment under the electrodes! If a burning or stinging sensation is ever felt, notify the physician or medical technician immediately.

In all cases, except specific procedures administered by your physician, the patient should be comfortable and enjoy the treatment. With proper dosage, the actual sensation experienced and reported by the patient will vary greatly among different individuals.

Nervousness about EcST and overall fear associated with treatment or medical procedure may be observed. Patients who have experienced an electric signal treatment (EcST) report a tingling, vibration or mild pressure sensation. Some describe EcST as feeling like running water under their skin or a gently tickling sensation that makes them feel sleepy.

In almost all cases, patients report an enjoyable or pleasurable sensation and additionally, if the vasopneumatic device is also applied in conjunction with EcST, patients experience a gentle pulsation and massage.



FAQ'S

Q. My electric cell signaling treatment was combined with the suction cups it left some red rings on the skin under the suction cups, is this harmful?

A. No! With some skin types, especially those with a fair complexion, a suction-induced redness may appear, but it is temporary and should disappear shortly. The redness indicates a measurable increase in the blood flow to the area. Not only does the vacuum pulsing feel good, but it produces a rapid increase of blood circulation under the electrodes and thus enhances the conductivity of the ECST current entering the body.

Q. How many treatments are necessary?

A. Electric Cell Signaling Treatment (EcST) protocols are similar to drug treatment regimens....it normally takes some sort of prolonged time period. The number of EcST treatments applied to a patient will usually depend upon that individual patient's specific medical condition as well as the time that this condition has existed.

Q. My doctor is treating me with an EcST combined protocol for my chronic migraine headaches and my pain was gone after just a few treatments, yet my doctor wants me to continue to have more treatments. Is this really necessary?

A. Research documentation and published medical reports provide the doctor with information describing applications and how many ECST treatments are normally necessary for achieving resolution and long-lasting results.

Q. I have had five or six EcST treatments and even though I feel somewhat better, I still have some pain. Should I continue treatments?

A. Discuss this with your physician as a modification of your EcST treatment protocol may be indicated. In most pain syndromes and indications, Electric Cell Signaling Treatment (EcST) is very successful; however, there is NO absolute way to guarantee complete success in all patients. A clinical "review of findings report" for EcST treatment results has indicated that as many as 10-15% of EcST treated patients will claim that they received little, if any, appreciable pain relief. For this reason, other treatment options should be added, combined or considered.

Q. Are there any negative side effects that I should be concerned about?

A. There are minimal side effects associated with EcST treatments. Depending upon the individual patient and their specific medical condition, some side effects could be: relaxed or fatigued sensation, mild headache, increased bowel activity, increased energy level, muscle soreness (over-exercised sensation) or that the original pain seems to have moved to new anatomical location. Discuss side effects with your physician.





LEARN MORE ABOUT OUR PRODUCTS



Open the QR Code reader or camera on your phone. Hold your device over a QR Code so that it's clearly visible within your smartphone's screen.

V2.0 2021