

SCENAR is **very different** from other electrotherapy instruments such as **TENS** or Electroacupuncture.

TENS units are mainly used to provide **temporary** relief from pain. Electroacupuncture instruments have a broader range of application, but they lack any bio-feedback capability.

Only the **SCENAR** combines energy measuring functions along with real-time feedback and constant adjustment to deliver just the correct type and correct amount of energy to the body.

The **SCENAR** employs a highly sophisticated computer software program that automatically **Senses and Measures the electrical activity of the body** (skin impedance) and then **delivers a Measured Dose of complex electrical waveforms and frequencies directly to the skin in order to correct any imbalances.** These pulses contain numerous random features to prevent the body from adapting to the stimulation.

These electrical impulses mimic the electrical discharges of the nervous system and instruct the brain and body to generate specific neuropeptides, the key chemicals used by the body to heal itself. Proper communication between the brain and the affected part is restored and rapid healing may then be possible. The **SCENAR** evolves a new signal pattern for the disordered tissues, the machine literally entering into an information dialogue with the body. New frequencies and energy patterns are established, which in turn become fresh input signals, to be further modified, and so on. This output-equals new input is much the way that fractals are generated. On the premise that disease signals are generally fixed and unnatural, anything, which breaks up the existing order, has the capability of restoring the normal equilibrium.

Summary of differences between SCENAR and TENS technology

The major distinguishing factor of SCENAR in comparison to TENS is that the SCENAR device delivers biofeedback modulated, damped, bi-phasic, sinusoidal impulse onto and through the skin through stainless steel electrodes.

SCENAR: Utilizes a **Unique waveform.** Pulsed, damped, sinusoidal and skin-impedance sensitive. High amplitude and very short pulse width of the wave form prevents 'accommodation' by the body. No two waveforms are the same.

TENS: Wave forms are typically square, spiked or sine, monophasic and are repetitive. No biofeedback, so no detection of changed tissue impedance.

SCENAR: Dynamic therapy.

The device is moved over the skin in order to specifically find optimal treatment areas/points.

TENS: Passive therapy.

Treatment is non-specific. Electrodes – usually gelled pads are adhered to the skin.

SCENAR: Unique and specific treatment process. The unique SCENAR waveform uses biofeedback to detect areas of optimal treatment. Scenar is applied directly to skin without the use of pads or gels. This allows the operator to assess the impedance of the skin to identify and target optimal treatment points.

TENS: Non-specific treatment. No biofeedback so NO detection of changes in skin impedance.

Scenar vs TENS machines - additional info

Scenar is well beyond TENS machines and ultrasound. And there are concerns about TENS technology, despite widespread acceptance in mainstream medicine:

- The long pulse TENS signal may not be suitable for long-term use. While the **short pulse** used by Scenar is considered very safe, and is extremely close to the electrical properties of nerve signals themselves, I've heard concerns that the longer pulse of TENS devices may compromise the electrical properties of nerve fibres during long-term use.
- The body quickly adapts to the TENS signal, making it steadily less effective over time.
- TENS and similar systems do nothing to affect the underlying reasons for the pain, which returns when the machine is not in use.

Scenar's inventors, Prof. A. Revenko and Prof. A. Karasev quickly grew frustrated with the limitations of TENS, and wanted to go beyond just temporarily blocking pain (for which TENS machines can be effective, for instance in childbirth).

Scenar is far more sophisticated: to every response received from the body (through changes in skin impedance), the Scenar replies with a different signal. Combined with the various modes and protocols used in Scenar therapy, this makes it difficult for the body to adapt and slip back into negative "equilibrium."

During a course of Scenar treatments, the therapeutic effects are cumulative, whereas in other electronic therapies, it is usually the body's habituation or resistance which are cumulative. By going to the root of the problem, Scenar is able to give deep, long lasting relief.

... many top sports people, actors, singers, dancers and musicians have used Scenar. These are usually people who can afford to be very selective, and they choose Scenar based on its reputation for getting fast results or results where other therapies have failed. Scenar's growing use in sports and the performing arts has not been a passing "therapy of the month" fad; it has happened in the U.K. and Australia gradually over the past 10 years.

These include tennis champion Maria Sharapova, the Chelsea, Real Madrid and AC Milan football teams, many members of the England rugby team, various top American Football players, and several Formula 1 racing drivers.

The top Russian Scenar therapy sites has thank you photos from George Clooney, Russell Crowe, Sir. Paul McCartney, Princess Michael of Kent, Olympic snow boarding gold medal winner Torah Bright, and world surfing champion Layne Beachly. <http://www.scenar-revenko.ru/en/scenar/famous.htm>

And one of the top Scenar therapists in New York (Shmuel Tatz) has testimonials from Kathleen Turner, Lou Reed, Yehudi Menuhin, Isaac Stern, Mikhail Gorbachev, Mikhail Baryshnikov, Alexandra Danilova, Mstislav Rostropovich and other top actors, ballet dancers and musicians.