

BodiHealth TENS System

The BodiHealth TENS System is a non-invasive, therapeutic device that delivers ultra-low energy compatible with the natural electric currents of the human body, correcting any imbalance that is present. The device utilizes Electro Pressure Regeneration Therapy (EPRT), a patented process that produces a waveform which moves electrons through the body at a frequency and current output lower than any device presently on the market.

The device delivers an alternating current ranging from 100 nanoamperes (10^{-9}) to 3 milliamperes (10^{-3}). The BodiHealth TENS System has TGA Registration in Australia, CE Mark Certification and U.S. FDA 510(k) clearance to market in the U.S., and is intended for temporary symptomatic relief and management of chronic intractable pain and as an adjunctive treatment in the management of post-surgical and post-traumatic pain.

How it is applied

Water is utilized as a conductive medium in order to conduct the current through the body. This is achieved by applying a moist conductive foam wrap to the parts of the body between which the current is to be channeled. A small electrode is then attached to the wrap. Most patients feel nothing, but sometimes a slight tingling sensation may be experienced. The device is safe, easy to use and free of side effects.

Effects on the body

Stress on the body results in the formation of toxins called free radicals. These free radicals have the ability to scavenge electrons from biological molecules such as DNA and thus cause mutations that can lead to diseases. The Bodihealth device produces a steady stream of electrons at a relatively low, but constant, concentration, and therefore, has the ability to donate electrons to neutralize free radicals protecting the body from the harm of stress.

From what we know about the effects of free radicals and the mechanism of antioxidants in neutralizing them, we can see a remarkable similarity in the action of the ultra-low currents. The steady flow of electrons in a relatively low concentration appears to act exactly as one would expect from any antioxidant. The fact that these electrons are focused on a small region of the body may explain why healing changes appear so rapidly.