

# HOW DOES MICROCURRENT WORK?

Microcurrent therapy has been a well-studied modality for over 30 years. Microcurrent or MENS (Microcurrent Electrical Nerve Stimulator) isn't like a traditional TENS. A TENS device uses a larger current called "Milliamp", while Microcurrent devices use a current called "Microamp" which is one thousandth the size of a Milliamp. Although you can feel a TENS sensation, chances are the sensation for a Microcurrent device will NEVER be felt.

Microcurrent therapy restores lost positive and negative electrons. These electrons are essential to every living cell. The body uses these minute electrical currents to accelerate the body's own healing agenda. When cells are damaged they become electrically imbalanced. Electrical current naturally takes the path of least resistance through the body, which means the body's electrical current will go around the injury rather than through the injured area and will take some time to heal damaged cells. However, by applying Microcurrent to the site of an injury, the Microamp current is able to pick up where the body fails. Through regular Microcurrent treatments, Microcurrent therapy is able to gradually close the gap and help heal the damaged area shortening recovery time.

Microcurrent stimulation uses the same level of electricity that closely mimics the electrical level of the body's cells which is readily accepted. This electrical exchange helps to re-balance a cell's electrical current and returns damaged cells to a normal state of initiating cellular activity and increasing ATP levels.

*ATP (Adenosine triphosphate):* ATP transports energy within cells or metabolism. This energy is integral to the function of nearly every cell in the body. Research has shown that Microcurrent therapy using Microamp can increase the level of ATP production by up to 500%. This is extremely important because injuries often lose ATP supplies when injured. Also, unlike other forms of electrotherapy, Microcurrent has a cumulative effect on ATP levels. Therefore, higher ATP levels can accelerate the body's healing process.

TENS therapy has zero healing capabilities and only blocks pain signals to the brain for pain relief.

Microcurrent therapy provides pain relief while healing the body simultaneously on a cellular level.