



**Non-Invasive
Regenerative
Therapy™
stimulates the
body's own
repair mechanisms
to functionally
heal previously
irreparable tissues.**



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**THE
POWER
TO HEAL**





Regenerative medicine is an exciting field. The ability to regrow damaged tissue in a healthy way will change medical care in a profound way. Epica™ has developed a new therapy called NRT™, Noninvasive Regenerative Therapy. As the name suggests, NRT™ is a way to regenerate and even remodel already scarred tissue back to a normal healthy state completely non-invasively, without pain or side effects but with tremendous efficacy.

NRT has twenty years of research and clinical studies behind it and has proven to be the first and safest, consistently effective regenerative therapy.

When cells are affected by significant acute or chronic inflammation the cell cycle stops. Healing either does not occur at all, or occurs only through placement of fibrotic scar tissue. This is true in the case of post surgical healing, traumatic injury and all inflammatory diseases; from arthritis and Degenerative Joint Disease to kidney disease.



NRT™ PROVEN SUCCESS WITH

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|--------------------------------|------------------------------|
| <i>Wound Healing</i> | <i>Edema</i> |
| <i>Tissue Repair</i> | <i>Acute Injuries</i> |
| <i>Tissue Death Prevention</i> | <i>Chronic Diseases</i> |
| <i>Immflammation</i> | <i>Neurogenic Pain</i> |
| <i>Pain Relief</i> | <i>Neurological Problems</i> |
| | <i>Acupuncture</i> |

NRT™ is a process of delivering, specific pulses of high power but low volume energy of the appropriate wavelength and waveform to tissues that need to heal or have already been replaced by scar tissue. These perfectly tuned pulses mechanically cause the cytoskeleton of the cell to signal the nucleus in the same way a healthy cell would, bypassing the chemical pathway blocked by inflammation and “tricking the cell” to “turn on” the cell cycle. This causes the cells to create proteins and reproduce. As the new cells are created, using NRT™, they express factors that influence the cells around them to “turn on.” In other words, they simply tell all their neighboring cells to “turn on” and “get to work.”

The result is a healing cascade that allows regeneration of tissue in a way that was previously thought to be impossible.

Hyline cartilage, tendons, ligaments, muscle, bone, nerves and many other tissue types can be regenerated non-invasively, usually with only a few short treatments per week for about 3 weeks. Your veterinarian can recommend the appropriate treatment plan for your pet.

For NRT™ to be effective:

- The energy must be of the right wavelength
- The right wave form
- The right power and pulse frequency
- Delivered to the right area



Additionally, RIM™, Rapid Inflammatory Mitigation therapy must be performed before and after NRT™, to provide an environment in which it is possible for the healing cascade to occur. Please refer to patient hand out on RIM™ for more information.



Artemis™

The Artemis™, the most powerful therapy device in the world, provides an energy wave form to allow incredible depths of healing tissue penetration, photomechanical effects, and bio-stimulation — resulting in unparalleled success for NRT™.

