

ACOUSTIC WAVE THERAPY

Advanced Radial Pressure Wave Technology

RADIALSPEC™ is the ultimate radial wave therapy solution developed for superficial chronic orthopedic indications.

Radial pressure wave therapy is a non-surgical technique developed for the treatment of musculoskeletal disorders. The RADIALSPEC™ system offers two handpieces and three different tips with a unique set of proprietary acoustic pressure waves to optimize pain relief and ensure a precise treatment delivery to the pain or injury site. It stimulates the metabolism, enhances blood circulation and accelerates the healing process. As a result, damaged tissues are allowed to regenerate and recover.

How does Acoustic Wave Therapy Work?

Acoustic wave therapy is a modern and highly effective, non-surgical technique that introduces high-energy sound waves into the painful areas of the body. The radial waves are applied directly onto the pain source and act physically on the tissue to induce multiple favorable biological effects:

- Attenuate inflammatory response and vasodilation
- Increase blood flow and oxygen supply to damaged tissue
- Release of angiogenic factors leading to neovascularization
- Fragmentation of calcium deposits into "crumbs" to be absorbed into the tissue
- Tissue healing with analgesic effect
- Differentiation of mesenchymal stem cells (MSCs)



MAIN UNIT TECHNICAL SPECIFICATIONS

TECHNOLOGY	Ballistic radial wave source with footswitch
FREQUENCY	2 - 22 Hz
ENERGY	4 options from 60 - 180 mJ
CONTROLS	All main operating elements integrated into the graphic user interface
WEIGHT	10 lbs
DIMENSIONS	5.8 in H x 14.3 in W x 13 in D
HANDHELD	6, 15, 25 mm diameter tips with 2 handpieces

RADIALSPEC™ benefits include:

- Quieter than the competition
- Short treatment time
- Compact and mobile with low maintenance costs
- Two (2) handpieces included
- High localization precision with no imaging required
- Comfortable, non-invasive treatment
- No anesthesia required
- Multiple tip sizes for customized treatments