



# RADIALSPEC™

## Radial Wave Therapy (RWT) for Multi Orthopedic Applications

Radialspec™, the ultimate solution for superficial chronic orthopedic indications, is a Radial Wave Therapy (RWT) System. Radialspec was developed after extensive theoretical knowledge and vast practical experience in the field of Extracorporeal Shock Wave Therapy (ESWT) and Radial Wave Therapy (RWT), and is considered one of the leading devices in the Orthopedic field.

RWT has demonstrated to be a valuable treatment for a variety of musculoskeletal injuries and manage to treat superficial pathologies where conventional methods have failed, with an extremely high success rate as ESWT.

When other therapies such as corticosteroids and conventional physiotherapy fail, Radialspec™ delivers highly efficient results; it is a safe, non-invasive and rapid non-surgical method for treating resistant or non-responsive superficial orthopedic pathologies, improving pain and function level dramatically.

RWT - up to 85% success rate on chronic indications!

### BENEFITS

- Compact and mobile
- Extremely low maintenance costs
- High localization precision with no imaging required
- No anesthesia required
- Comfortable treatment
- Short treatment time





## How Radialspec™ works?

The radial waves are applied directly onto the pain source. Radial waves act physically on the tissue and induce multiple favorable biological effects:

- Differentiation of mesenchymal stem cells into bone forming cells (Osteoblasts) which leads to bone restoration and fracture healing
- Fragmentation of calcium deposits into “crumbs” subsequently absorbed into the tissue
- Vasodilation, increase in blood flow and oxygen supply to the damaged tissue
- Release of ANGIOGENIC factors leading to angiogenesis and neovascularization
- Attenuate inflammatory response or attenuates inflammation
- Analgesic effect
- Tissue healing

The treatment protocol varies between four to six sessions in average, depending on the patient’s condition, the severity of the pathology and the individual healing rate.

An outpatient procedure lasts up to 20-30 minutes.

Radialspec™ unit includes three different treatment tips to optimize pain relief and ensure a precise treatment location.



## Multiple applications

- Shoulder Tendinosis (with or without calcification)
- Plantar Fasciitis (with or without Heel Spur)
- Lower back pain (of muscular origin)
- Lateral & Medial Epicondylitis
- Trigger points (“muscle knots”)
- Trochanteric Bursitis
- Achilles Tendonitis
- Patellar Tendonitis
- Shoulder Bursitis
- Trigger Finger



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