

A SOLUTION FOR ANY OF YOUR PATIENTS

ORTHO CANADA

	<u>RADIAL SHOCKWAVE THERAPY</u>	<u>FOCUSED SHOCKWAVE THERAPY</u>	<u>HIGH INTENSITY LASER</u>	<u>TR-THERAPY</u>	<u>SUPER INDUCTIVE SYSTEM</u>
Energy	Divergent acoustic wave	Convergent acoustic wave	Laser light	Radiofrequency current	Electromagnetic field
Mechanism of Action	Superficial mechanical stimulation	Deep mechanical stimulation	Laser biostimulation	Thermic effect	Nerve depolarization
Key tissue	Tendon, muscle	Tendon, muscle, bone	Cellular repair	Muscle	Nerve
Medical effect	Activates healing process in tendinopathies, elimination of calcifications, releases tight muscles, chronic pain management	Activates healing process in tendinopathies, elimination of calcifications, releases tight muscles, chronic pain management, healing of bone non-unions	Healing of acute injuries, anti-inflammatory effect, acute pain management	Muscle spasm relaxation, muscle regeneration, eliminates oedema	Pain management, joint mobilization, muscle stimulation and relaxation, spasticity reduction and fracture healing
Penetration depth	Up to 5 cm, maximum intensity at surface with superficial spread	Adjustable depth of focal zone within range 0-35 mm, 15-50 mm, 30-65 mm with maximum intensity at selected depth	Up to 10 cm	Anywhere between electrodes	Up to 10 cm
Application	Manual	Manual	Manual or handsfree with optional Intelligent Scanning System	Manual	Handsfree
Patient perception	Pressure sensation to mild discomfort	Pressure sensation to mild discomfort	Intense heat	Intense heat	Muscle contraction or tingling
Consumables	Gel	Gel	N	Conduction lotion, single-use electrode (optional)	None
Number of treatments	4 to 8	3 to 5	5 to 10	5 to 10	5 to 10
Application frequency	Up to twice a week	Once a week	Up to daily	Up to daily	Up to daily
Treatment duration	10 min	5 min	5 to 15 min	Minimum 15 min	Up to 10 min