

Treatment Protocols  
orthogold100<sup>®</sup>  
MTS Spark Wave<sup>®</sup> Therapy



Orthopaedics



Spark Wave  
Technology



# TREATMENT PROTOCOLS

## ORTHOPAEDICS

### Approved Standard Indications

Indication	Energy Range (mJ/mm <sup>2</sup> )	Frequency (Hz)	Impulses / Session	Number of Sessions	Treatment Interval
Impingement Syndrome with or without Tendinosis Calcarea (calcifying tendinitis)	0.15 - 0.27	2 - 4	1000 - 1500	1 - 3	1 - 2 weeks
Epicondylitis humeri radialis and ulnaris	0.10 - 0.16	2 - 4	800 - 1200	1 - 3	1 - 2 weeks
Patella Tendon Syndrome	0.10 - 0.19	2 - 4	1000 - 1500	1 - 3	1 - 2 weeks
Plantar Fasciitis & Heel Spur	0.10 - 0.27	2 - 4	1000 - 1500	1 - 3	1 - 2 weeks
Achillodynia	0.10 - 0.19	2 - 4	1000 - 1500	1 - 3	1 - 2 weeks
Myofacial Trigger Point Syndrome	0.10 - 0.27	2 - 4	300 – 400 pulses per MTrP	3 - 8	1 - 2 times / week
Pseudarthrosis in small bones (also infected and in the chronic state)	0.20 - 0.27	2 - 4	~2500 - 4000	1	2 <sup>nd</sup> and 3 <sup>rd</sup> treatment possible after 3 to 6 months

*Recommended applicator:* OE050 / OE050S. OE035 / OE035S for deep Myofascial Trigger Points.

## Exceptional Indications

Indication	Energy Range (mJ/mm <sup>2</sup> )	Frequency (Hz)	Impulses / Session	Number of Sessions	Treatment Interval
Carpal Tunnel Syndrome	0.10 - 0.16	2 - 4	1000 - 1500	1 - 3	1 - 2 weeks
Stress Fractures	0.15 - 0.27	2 - 4	1500 - 2000	1 - 3	1 - 2 weeks
Osteoarthritis	0.10 - 0.27	2 - 4	1500 - 1700	1 - 3	1 - 2 weeks
Osteochondrosis Dissecans	0.10 - 0.27	2 - 4	1500 - 1700	1 - 3	1 - 2 weeks
Spasticity	0.06 - 0.10	2 - 4	~1500	1 - 3	1 - 2 weeks
Lower Back Pain	0.10 - 0.20	2 - 4	~1500	1 - 3	1 - 2 weeks

*Recommended applicator:* OE050 / OE050S. OE035 / OE035S for Spasticity and Lower Back Pain.

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