

# TREATMENT PROTOCOLS – DIOWAVE 10 & 15 WATT LASER SYSTEMS



## HEAD & NECK

	CONSERVATIVE			AGGRESSIVE			CHRONIC AGGRESSIVE		
	POWER	TIME	JOULES	POWER	TIME	JOULES	POWER	TIME	JOULES
Cervical Disc Herniation	15 watts	10 mins.	9,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Cervical Radiculopathy	15 watts	10 mins.	9,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Cervical Soft Tissue Strain	15 watts	10 mins.	9,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Cervical Spondylosis	15 watts	10 mins.	9,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Cervical Stenosis	15 watts	10 mins.	9,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Headaches, Cervogenic	15 watts	10 mins.	9,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Headaches, Migraine	7.5 watts	10 mins.	4,500 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Headaches, Tension	7.5 watts	10 mins.	4,500 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Sinusitis	5 watts	7 mins.	2,100 J	7.5 watts	10 mins.	4,500 J	10 watts	10 mins.	6,000 J
TMJ Syndrome	7.5 watts	7 mins.	3,000 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Trigeminal Neuralgia	1.0 watts	10 mins.	600 J	2 watts	10 mins.	1200 J	4 watts	10 mins.	2,400 J



## BACK & SHOULDER

	CONSERVATIVE			AGGRESSIVE			CHRONIC AGGRESSIVE		
	POWER	TIME	JOULES	POWER	TIME	JOULES	POWER	TIME	JOULES
Back, Lower	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Back, Upper	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Lumbar, Disc Pathologies	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Lumbar, Facet Joints	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Lumbar, Spondylosis	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Lumbar, Stenosis	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Sacroiliac Joint	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Tailbone	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Lumbar Radiculopathy	7.5 watts	10 mins.	4,200 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Sciatica	7.5 watts	10 mins.	4,200 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Rotator Cuff	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Shoulder, Frozen	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Shoulder Sprain	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J
Shoulder Strain	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J



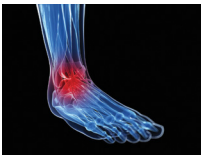
## ELBOW & HAND

	CONSERVATIVE			AGGRESSIVE			CHRONIC AGGRESSIVE		
	POWER	TIME	JOULES	POWER	TIME	JOULES	POWER	TIME	JOULES
Biceps, Tendonitis	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J
Carpal Tunnel Syndrome	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J
Epicondylitis, Lateral	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J
Epicondylitis, Medial	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J
Fractures	10 watts	10 mins.	6,000 J	12 watts	15 mins.	10,800 J	15 watts	15 mins.	13,500 J
Joint, Wrist	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Olecranon Bursitis	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Triceps, Tendonitis	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Ulnar Nerve Pathologies	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Joint, Finger	5 watts	5 mins.	1,500 J	7.5 watts	5 mins.	2,250 J	10 watts	5 mins.	3,000 J
Soft Tissue Injury	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J



## HIP & KNEE

	CONSERVATIVE			AGGRESSIVE			CHRONIC AGGRESSIVE		
	POWER	TIME	JOULES	POWER	TIME	JOULES	POWER	TIME	JOULES
Abductor, Ilio-Psoas	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Abductor, Iliotibial Band	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Bone Leg, Fracture	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Hamstrings	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Hip, Joint, DJD	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Hip, Joint, RA	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Hip, Periarticular	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Knee Strain, Sprain	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Knee, Bursitis	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Knee, DJD	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Knee, RA	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Knee, Sprain Deep	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Ligament, Cruciate Anterior	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Ligament, Cruciate Posterior	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Ligament, Meniscus Injury	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Ligament, Meniscus Sprain	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Tendonitis, Infra-patellar	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Tendonitis, Patellar	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J



## FOOT & ANKLE

	CONSERVATIVE			AGGRESSIVE			CHRONIC AGGRESSIVE		
	POWER	TIME	JOULES	POWER	TIME	JOULES	POWER	TIME	JOULES
Ankle Sprain, I - III	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Bone Fracture	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Bone Stress Fracture	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Hallux Valgus	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Heal Pain	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Plantar Fasciitis	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Shin Splints	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Metatarsalgia	7.5 watts	10 mins.	4,200 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Morton's Neuroma	7.5 watts	10 mins.	4,200 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Turf Toe	7.5 watts	10 mins.	4,200 J	10 watts	10 mins.	6,000 J	15 watts	10 mins.	9,000 J
Peripheral Neuropathy (Burning)	1.5 watts	12 mins.	1,080 J	3.0 watts	15 mins.	2,700 J	3.0 watts	15 mins.	2,700 J
Peripheral Neuropathy (Numbness)	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Achilles Tendonitis	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Plantaris Strain	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Tarsal Tunnel Syndrome	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J
Tendonitis Tibialis	10 watts	10 mins.	6,000 J	12 watts	10 mins.	7,200 J	15 watts	15 mins.	13,500 J



## GENERAL PATHOLOGIES

	CONSERVATIVE			AGGRESSIVE			CHRONIC AGGRESSIVE		
	POWER	TIME	JOULES	POWER	TIME	JOULES	POWER	TIME	JOULES
Arthritis, Neck	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Arthritis, Shoulder	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Arthritis, Back	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Arthritis, Hip	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Arthritis, Knee	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Arthritis, Ankle	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Arthritis, Wrist	5 watts	5 mins.	1,500 J	7.5 watts	5 mins.	2,250 J	10 watts	5 mins.	3,000 J
Arthritis, Digits	5 watts	5 mins.	1,500 J	7.5 watts	5 mins.	2,250 J	10 watts	5 mins.	3,000 J
Arthritis, Elbow	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Fibromyalgia	10 watts	10 mins.	6,000 J	15 watts	15 mins.	13,500 J	15 watts	20 mins.	18,000 J
Wound Pain	5 watts	5 mins.	1,500 J	7.5 watts	5 mins.	2,250 J	10 watts	5 mins.	3,000 J