



Low Level Laser Therapy the MR4 ACTIV

Benefits

- Non-toxic
- Very Safe
- Reduces Pain
- Cost Effective
- Easy to Apply
- Superior Alternative to: Analgesics, NSAID's, other Medications, and other Modalities.
- Increases Rate of Healing
- Improves Tissue Repair
- Often Makes Surgical Intervention Unnecessary.

Healing Effects

- Relief of Acute Pain
- Relief of Chronic Pain
- Reduces Stiffness
- Reduces Pain
- Increases Micro-Circulation
- Reduces Muscle Spasm
- ↓ C-Reactive Protein
- Anti-Inflammatory
- ↑ Healing
- ↑ ATP Production
- ↑ Super Oxide Dimutase
- ↑ Tissue Cell Oxygen
- ↑ Tissue Repair
- ↑ Fibroblasts

Common Uses

- Chronic Pain
- Acute Injuries
- Neck & Back Pain
- Muscle Spasm
- Achilles Tendonitis
- Joint Injuries
- Sprains & Strains
- Arthritis
- Calcaneal Spur
- Hip Sprain
- Plantar Fasciitis
- Sciatica
- Bursities
- Shoulder & Elbow Pain
- AND MORE...

Good enough for the Pro's
Get an edge on the competition!



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The MR4 ACTIV is a non-invasive, safe and painless therapy effective for pain relief and healing.

The MR4 ACTIV has been designed with specific light radiances built into a single cluster to provide complete spectral irradiance across the entire phototherapeutic window. This concept of complete spectral irradiance (CSI) can be best described as utilizing the most appropriate wavelength and light source selection to optimize phototherapy outcomes. Since there are several factors that influence target tissue absorption, phototherapy devices need to incorporate these specifics into their construction.

Laser Therapy with the MR4 delivers controlled therapeutic energy deep into tissue more effectively than continuous wave and pulsed-modulated lasers while preserving the overlying epidermis.

The particular technology found in the MR4 ACTIV produced by Multi Radiances Medical was first developed in the 1980s in the Soviet space program. It was the first to encompass the combined influence of super pulsed infrared laser irradiation, pulsating broadband infrared non-coherent light (or IREDS), pulsating red light and blue LEDs and a constant magnetic field. These 5 radiances, acting simultaneously (and synergistically), reinforce each other's clinical, healing effects.

With non-invasive application, the MR4 provides relief from a variety of conditions. Within a few hours the tissue is rejuvenated with improved oxygen supply to cells, increased circulation and removal of toxic waste products.

CLINICAL EFFECTS

Blue LED

- Destroys acne-causing bacteria: Propionibacterium acnes (P. acnes).
- Used to treat inflammatory acne vulgaris that has not responded to other acne therapies.
- May be effective in treating hyperproliferative skin conditions by reducing proliferation due to the induction of differentiation.

Red LED

- Infrared exerts a powerful harmonizing influence upon the central and autonomic nervous systems.
- Provides gentle heating of the surface tissue layer.
- Acts upon receptors placed in the skin, increasing pain sensation threshold.
- Micro-circulation activation.
- Stimulates epithelial cell growth and regeneration.
- Reinforces laser penetration into target tissues.

Super Pulsed Infrared Laser Technology

- Activation of RNA and DNA synthesis.
- Creates the energy density necessary to deliver light energy to the target tissue.
- Increased cell metabolism in the form of ATP production.
- Improvement of microcirculation.
- Reinforcement of collagen synthesis and reduced fibrous tissue formation.
- Anti-inflammatory response.
- Edema reduction.
- Pain reduction.
- Stimulation of T-cell production.
- Increased levels of prostaglandin synthesis.

MR4 Super Pulsed Laser Therapy Treats Over 300 Condition

abscesses, phlegmons, furuncles, hidra-dentitis, carbuncles	enuresis	nerve injury	tenonitis
acne vulgaris	epicondylitis, medial, lateral	neuralgia, facial	tendovaginitis
anal itching	epilepsy	neuralgia, facial	tennis elbow
angiopathy and retinopathy,	fractures, bone injury	neuralgia, intercostal	thyroid enlargement
ophthalmic	fracture traumatic	neurodermatitis	thyrotoxicosis
anal fissures	sinusitis, frontal	neuropathy (neuritis) of facial nerve	tinnitus and hearing impairment
arrhythmia	frozen shoulder	nose diseases	tonsillitis
arthritis & arthrosis of	furuncle	oligomenorrhea, pelvis pains	tonsillitis, chronic exacerbation
temporomandibular joint (TMJ)	gastritis	onychomycosis	toxicodermatosis
arthritis, arthrosis	gastroenterology, infant	osteoarthritis	traumatic brain injury (TBI)
atherosclerosis of vessels of lower extremities	gingivostomatitis	osteocondrosis of vertebral column	tympanoplasty
auto accident injury	glomerulonephritis	otitis (ear infections)	ulcer trophic
	haematoma	otosclerosis, hearing impairment	ulcer, varicose
balding (alopecia)	haemorrhoids	pain – acute from trauma	urethritis
brain injury	headache	pain – chronic	varicose veins of --lower extremities
bronchial asthma	hepatitis	pancreatitis	vertebral column diseases
bronchopneumonia	hernia-intervertebral disc	parodontosis	visual acuity improvement
bruises	herpetic lesions	paronychia	warts
burns and frostbites	hidradenitis	periarthritis, scapulohumeral	whitlow, infiltrate, hydradenitis
bursitis, subacromial	hip pain in gynaecological disorders	periodontitis	wounds, traumatic, post operative
	hypertension arterial	pharyngitis	MORE...
calcaneal spur	hypertension, essential	phlegmon	
carbuncle	hypogalactia	postcholecystectomy syndrome	
cardiac rhythm disorders	infiltration	postinfarction state	
cardiomyopathy	injuries to ligament around joints (dislocation, sprain)	post-surgical healing	
cellulitis	insufficiency, venous	prophylaxis of occupational disease	
cervical erosion	insufficiency, vertebrobasilar	prostatitis	
cervical sprain strain	ischialgia (sciatica)	psoriasis	
cholecystitis	jaw, fractures	pulpitis, acute, chronic	
cirrhosis	jaw pain	pyelonephritis	
colitis	joints diseases	radiculitis, radicular	
concussion	joint injury	neurologic diseases	
constipation	joint pain	radiculopathy	
contusion	joint dysfunction	Raynaud's disease	
cornea, pathology and treatment of corneal trauma		rhinitis	
coronary heart disease, CHD	kidney and urinary tracts	salpingoperitonitis	
cyst, ovarian	diseases of children's	scalp diseases	
cystitis		scars, postoperative	
	laryngotracheitis	sciatica	
degeneration of liver, fatty	ligament injury, sprain/strain	sinusitis	
diabetes mellitus	liver diseases	skin of face and neck	
dislocation	lumbar pain (low back)	rejuvenating	
disc herniation	mastitis	skin traumas: contusion,	
duodenitis	mastitis, chronic cystic	soft tissue injury	
duodenum bulb, cicatricial	Meniere's disease	spinal cord injury	
changes of	menstrual cycle,	spondyloarthritis	
duodenum ulcer	functional disorders of,	spondylosis deformans	
dyskinesia, biliary	mesotympanitis, chronic	sprain	
dystonia, vegetativevascular (VVD), neurocirculatory (NCD)	metrofibroma	stenocardia	
dysuria	metrofibroma	sterility, some forms	
	migraine, cervical	stomach diseases, stomach ulcer	
ear diseases	muscle injury, strain/sprain	stroke, consequences of	
eczema	myalgia	subluxation	
edema, inflammation	myocardiodystrophy		
encephalopathy, circulatory .	myocarditis		
endarteritis, obliterating	myositis		
endometrial hyperplasia,			
active conditions			
endometriosis			
endomyometritis			



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