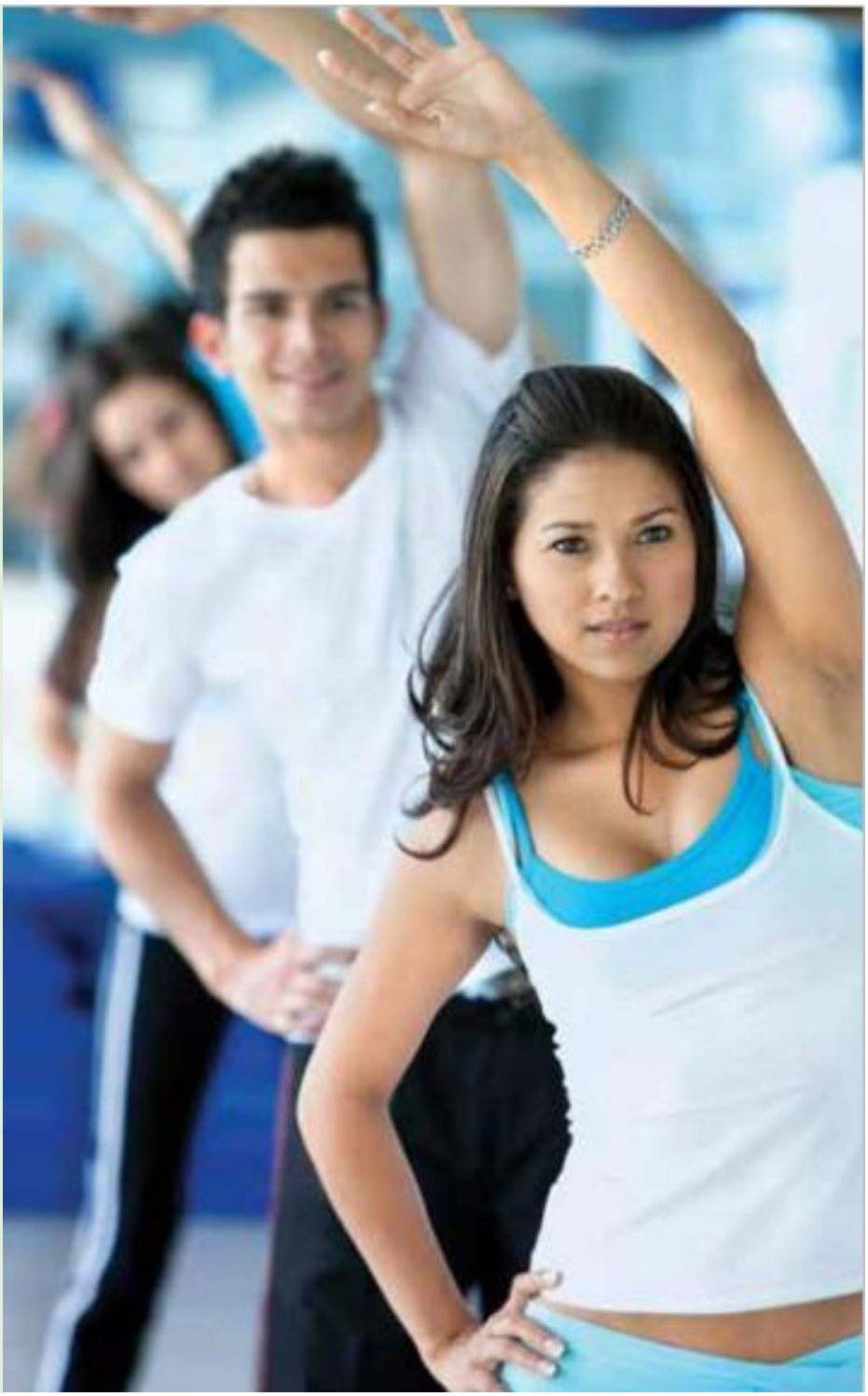
YASER

Class IV therapyLaser



TRIANGEL RSD LIMITED

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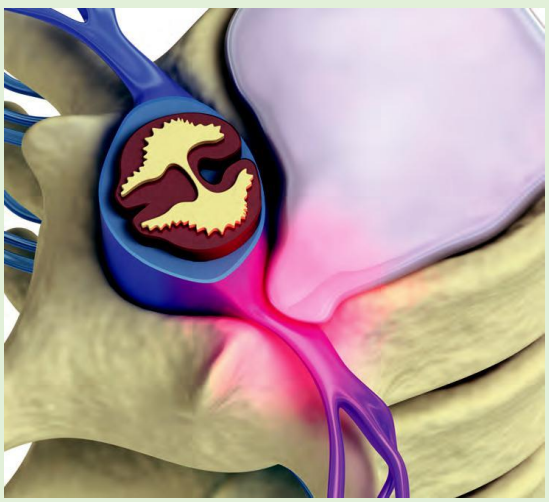
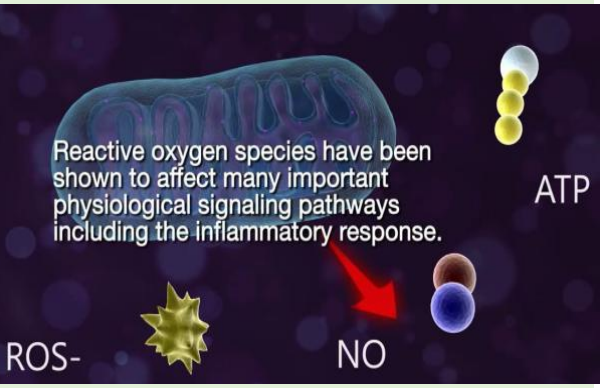
What is Laser Therapy?

Laser Therapy,or “photobiomodulation”,is the use of specific wavelengths of light to create therapeutic effects. This light is typically near-infrared (NIR) band (600-1000nm) narrow spectrum.These effects include improved healing time,pain reduction,increased circulation and decreased swelling.Laser Therapy has been widely utilized in Europe by physical therapists,nurses and doctors as far back as the 1970's.

Tissue that is damaged and poorly oxygenated as a result of swelling,trauma or inflammation has been shown to have a positive response to laser therapy irradiation.Deep penetrating photons activate a biochemical cascade of events leading to rapid cellular regeneration,normalization and healing.





CELLULAR EFFECTS

During Laser Therapy, infrared laser light interacts with tissues at the cellular level increasing metabolic activity within the cell. By improving the transport of nutrients across the cell membrane, the increased production of cellular energy (ATP) is stimulated. The cascade of beneficial effects that follows includes increased cellular function and tissue repair.

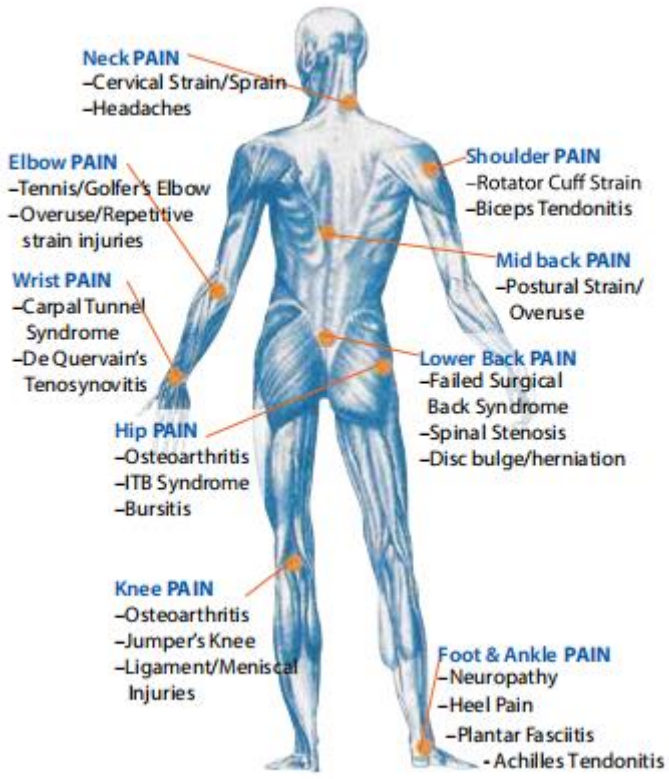
LASER THERAPEUTIC EFFECTS

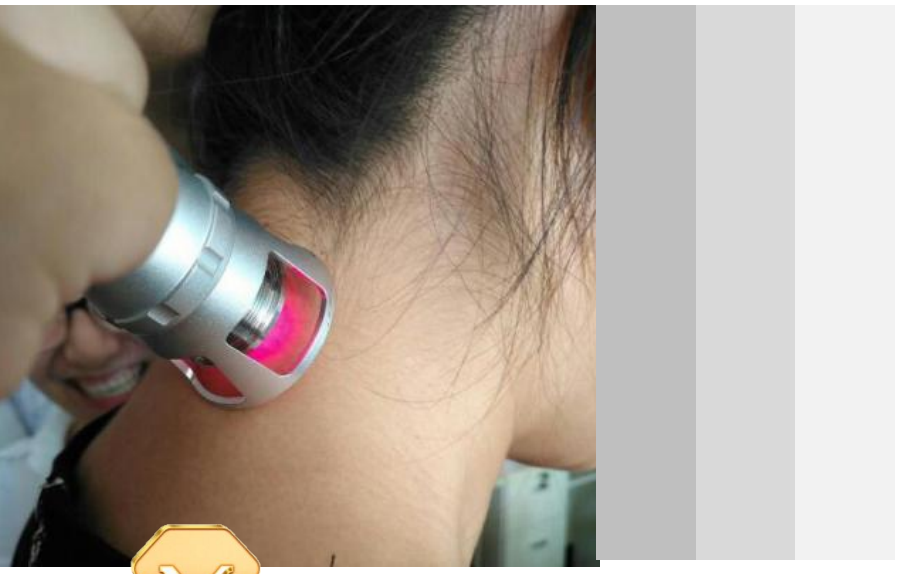
During each painless treatment, laser energy increases circulation, drawing water, oxygen, and nutrients to the damaged area.

This creates an optimal healing environment that reduces inflammation, swelling, muscle spasms, stiffness, and pain. As the injured area returns to normal, function is restored and pain is relieved.

Use of Class IV laser include the following:

- **Biostimulation/Tissue Regeneration & proliferation -** Sports Injuries,Carpal Tunnel Syndrome,Sprains, Strains,Nerve Regeneration ...
- **Reduction of Inflammation -** Arthritis,Chondromalacia,osteoarthritis,plantar fasciitis,Rheumatoid Arthritis,plantar fascitis,Tendonitis ...
- **Pain reduction, either chronic or acute -** Back and neck Pain,Knee Pain,Shoulder Pain,Elbow pain,Fibromyalgia,Trigeminal Neuralgia,Neurogenic Pain ...
- **Antibacterial and Antiviral -** post-traumatic injury,Herpes Zoster (Shingles) ...





High power More efficient

Featuring up to 60W of therapeutic power, the YASER therapy laser facilitates fast and efficient treatments deep in targeted tissues. Experience the soothing warmth and powerful benefits of the YASER therapy laser.

Power (Watts) is the number of photons of radiation you can deliver per unit of time. The energy deposited (Joules) is the accumulation of these photons over time (1 Watt=1 Joule per 1 second). By starting out with more Watts at the surface, more will penetrate to desired depth. For an illustration, consider the following:

- 1 Watt laser: 40 seconds to deliver 10 Joules of energy to a 4 cm depth
- 4 Watt laser: 10 seconds to deliver 10 Joules of energy to a 4 cm depth

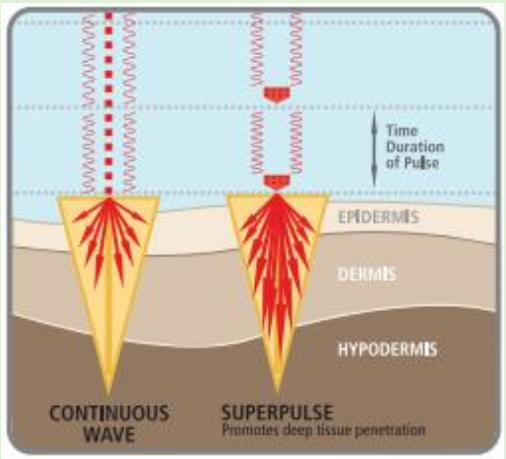
The higher-powered laser will be able to deliver therapeutic doses to deeper targets in a shorter amount of time.

The time with your patients is valuable

YASER technology will maximize your treatments and provide the consistent results you expect with your patients. Treat with confidence knowing you are making the most out of your treatment time.

Treatment Modes

During a Class IV laser treatment, the treatment wand is kept in motion during the continuous wave phase, and is pressed into the tissues for several seconds during laser pulsation.Patients feel a mild warmth and relaxation.Since tissue warming occurs from the outside-in,Class IV therapy lasers are safe to use over metal implants. After treatment,a clear majority of patients feel some change in their condition: be it pain reduction, improved range of motion, or some other benefit.

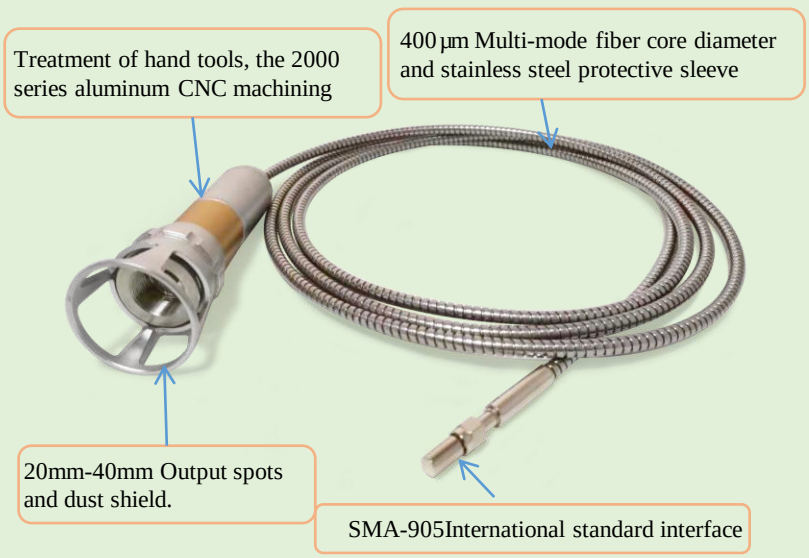


Features:

1. 400 μm fiber cable with aluminum alloy protective sleeve
2. Durable aluminum alloy handpiece
3. Stainless steel fiber cable holder
4. Color touch screen
5. Key switch safety feature
6. Emergency shut-off safety feature
7. Laser energy output port
8. Dual-fan high-output cooling system forhours of non-stop, maximum-energy, continuous wave output withoutoverheating
9. Industry-best German-manufactured Multi-Diode Emitters, for premium precision & durability
10. Simple, easy-to-use laser-control software interface

Flexible, Sturdy Fiber Cable & Handpiece

The 400 μm fiber optic cable with aluminum alloy sleeveis develoed for maximum flexibility during use, while maintaining overall durability to ensure reliable and consistent laser energy transmission to the durable, lightweight aluminum handpiece assembly.



Large Color Touch Screen

Large Color Touch Screen Our laser control software interface is the easiest to use in the industry!

The timer design allows the user to set the time required for treatment based on different levels of disease. To improve efficiency and maximize management time.

Technical Parameters

Laser type	Diode Laser Gallium-Aluminum-Arsenide GaAlAs
Wavelength	980nm/810nm/1064nm
Power	1-60W
Working Modes	CW, Pulse
Aiming Beam	Adjustable Red indicator light 650nm
Spot size	20-40mm adjustble
Fiber diameter	400um metal covered fiber
Fiber connector	SMA-905 International standard interface, special quartz optical fiber laser transmission
Pulse	0.05s-1.00s
Delay	0.05s-1.00s
Voltage	100-240V, 50/60HZ
Size	48*40*30cm
Weight	7KG

Accessories

Handle of Nail Fungus

Protect Glasses

Protect Goggles

Footswitch

Fiber by metal covered (0.4mm Diameter)

Power Cable

Handle Bracket

Double-Frequency Card

Package