Class IV Laser Therapy is a Safe & Effective Treatment Method for the Following Conditions:

- ARTHRITIS & GOUT -
- BONE SPURS -
- BUNIONS -
- EDEMA / SWELLING -
- FLATFOOT -
- HALLUX LIMITUS -
- METATARSALGIA -
- NERVE PAIN & NEUROPATHY -
- PLANTAR FASCIITIS -
- POST-OPERATIVE PAIN -
- SPRAINS & STRAINS -
- TENDONITIS -



Join Thousands Who Have Found The Solution That Works.

Talk To Us Today About The Remy Class IV Laser!

Rochester Clinic
Lifestyle Medicine For Your Well-Being

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(507) 218-3095
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It's Time To Improve Your Quality of Life.





Achieve Relief From Pain & Discomfort With Class IV Laser Therapy.

> *Before I had laser therapy, I was in so much pain that I couldn't put any weight on my feet.*
>
> *After my first treatment, I could feel immediate relief; and after my second treatment I could put weight on my foot again.*
>
> *It's been amazing.*

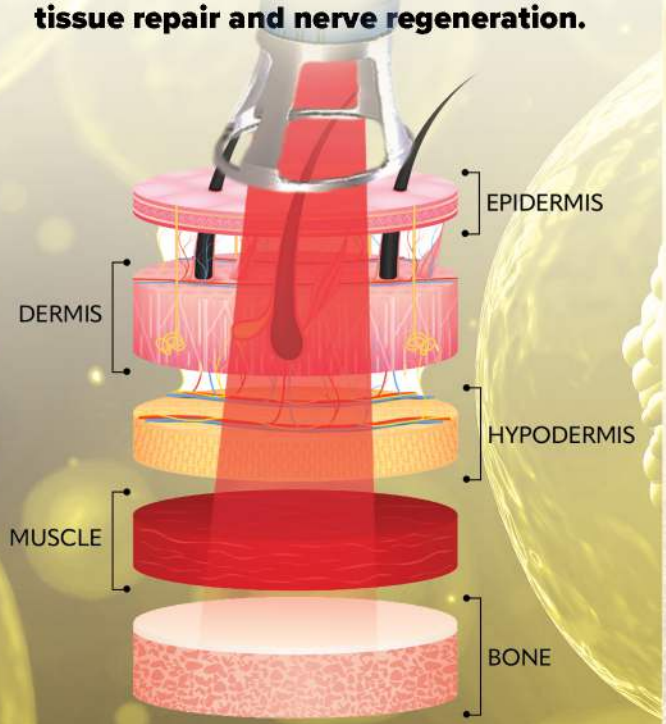
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The **Science** Behind Class IV Laser Therapy

Class IV Lasers emit electromagnetic light (near-infrared light waves). When we utilize light waves for healing, this process is called **PHOTOBIOMODULATION**

Once laser light touches the skin, **photons penetrate underlying tissue and our cells absorb the light's energy.** This results in an increased production of a molecule called ATP (adenosine triphosphate). ATP is responsible for "carrying" energy in order for other cells to perform their necessary functions. It is, basically, the fuel source for all other cells.

When **ATP production is increased**, studies have shown **accelerated cell growth, tissue repair and nerve regeneration.**



The **Painkilling Effects** Of Class IV Laser Therapy

Class IV Laser therapy is a painless, non-invasive, drug-free modality that has been scientifically documented to significantly reduce, and often completely eliminate pain. The main goal of laser therapy is to **stimulate cells t**o perform their natural functions, but at a rate that **expedites healing** by up to **300 times faster than normal.**

Multiple studies show that photobiomodulation results in the following painkilling effects:

ANTI-INFLAMMATION

Laser therapy activates the body's natural lymphatic drainage system, which is necessary to rid excess fluid that collects in response to injury and causes **edema/swelling.** Heat, redness, discomfort and pain are often associated with swelling. In this sense, Class IV Laser therapy serves as an **anti-inflammatory analgesic.**

BETA-ENDORPHIN RELEASE

Laser therapy induces stimulation of beta-endorphins - **the body's natural painkiller and stress reliever.** Beta-endorphins block the nervous systems ability to send signals of pain to the brain.

ENHANCED BLOOD FLOW

Cell generation caused by Class IV Laser therapy also results in the formation of capillaries within the vascular system, allowing oxygen and key nutrients to travel to damaged tissue faster. This **accelerates wound healing and reduces the formation of painful scar tissue.**

Patient **FAQs** About Class IV Laser Therapy

Q: Is Class IV Laser Therapy Safe and Can It Be Used Over Metal Implants?
A: Class IV Laser therapy is one of the safest options available with practically zero negative side effects. Safety goggles are required for eye protection. Because this technology is photochemical and not thermal, there is no danger to administer over metal implants.

Q: How Long Do Treatments Take and How Many Treatments Are Needed?
A: Treatment time is dependent on the size of the affected area and the severity of pain, however, most treatments are no more than ten minutes. Typically no less than six treatment sessions are recommended for desired long-term effects.

Q: How Is Class IV Laser Therapy Superior To Other Pain Management Modalities?
A: Patients often have anxiety regarding cortisone injections as they may have a fear of needles in addition to the general discomfort of the injection itself. Pill-form painkillers have high addiction rates and other negative, long-term physiological effects.

Topical analgesics, cortisone injections and opioids do not heal at the cellular level, making pain relief temporary.

Laser therapy is needle-free, pain-free, drug-free and regenerates cells so that the body can heal itself naturally. This results in real, lasting effects vs. temporary "masking" of pain.