

The **Science** Behind Class IV Laser Therapy

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

Once the laser light touches the nail, **photons** (particles of light) **penetrate through and “attack” the fungal colony and bacteria** without damaging healthy tissue.

When our body's cells absorb the light, studies have shown **accelerated cell growth, and increased neutrophils** (white blood cells that fights infections.)

These white blood cells create **a crucial line of defense against dermatophytes that cause fungal infections.**



Advantages of Class IV Laser Therapy for **Onychomycosis**

Onychomycosis (toenail fungus) affects millions of people and while many find it to just be “ugly,” it can lead to other complications including: spreading to other toes, ongoing pain, and increased chances of developing an ingrown nail.

Additionally, toenail fungus is highly contagious. Therefore, if left untreated, it can spread to members of the family who share areas where it is normal to go barefoot.

Friends can also be exposed if you regularly go barefoot at each other's homes; or at public locations like gyms, locker rooms and swimming pools.

Individuals with diabetes are more susceptible to fungal infections due to compromised immune systems. Fighting the infection is also a larger challenge as blood flow is weakened.

**FUNGUS. IS.
FRUSTRATING.**

**YOU'VE TRIED IT ALL.
IT'S TIME FOR CLASS IV LASER.**

Patient **FAQs** About Class IV Laser Therapy

Q: How Long Does it Take to See Improvement and Healthy/Clear Nails?

A: On average, patients won't see new, healthy nail growth for 4 to 6 months from the initial treatment. Toenails grow only about 1 millimeter per month; three times slower than our fingernails.

Q: Can I Get a Pedicure In Between Laser Nail Treatments?

A: Pedicures at nail salons may “sabotage” your laser treatment due to the possibility of poor sterilization of tools. Plus, salons often remove cuticles for pedicures which removes a critical protective barrier for your new, healthy nail growth. We recommend scheduling a medical pedicure in our office. Additionally, if you want to get your nails polished for a special event, we suggest removing the polish as soon as possible.

Q: Am I Contagious While Undergoing Laser Nail Treatment?

A: Yes. Fungus is easily spread through shared bathroom space, public locker rooms, showers and pools, shared clothing or shoes, and even carpeting.

Q: Will My Nails Still Be Thick After Laser Treatment and Will Fungus Come Back?

A: There are several reasons why you may still have thickened nails after your laser therapy; including repetitive micro-trauma to the nail (similar to a callus on the skin). Also, recurrence is a possibility, but you will be provided with preventative tips to maintain clear, healthy nails.

Class IV Laser Therapy Has Proven To Be An Effective Method for Battling Fungus



When You've Tried Everything to
Rid Stubborn Fungus, **Now is The
Time for Technology That Works.**



COMMON FUNGAL NAIL SYMPTOMS

- discoloration (often yellow) -
- very thick or very brittle -
- loose or separated from nail bed -
- foul odor/smell -

No longer allow toenail fungus
to keep you from feeling like
your most confident self.

Talk To Us Today About
The Remy Class IV Laser!



INDY
PODIATRY

we love your feet

Dr. Michael J. Helms
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Losing The Fight Against
FUNGUS?

**We've Got Your
Winning Strategy.**



Clear and healthy
nails are possible
with The Remy
Class IV Laser!

“

It's been fantastic.

*Now I'm not embarrassed to go
out for the summer in sandals...
in fact, I'm looking forward to it.*

”



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