

DERMA PEARLS : THERAPEUTICS- 7

FRACTIONAL CO2 LASER AND TOPICAL TERBINAFINE FOR ONYCHOMYCOSIS

- ❑ Onychomycosis cases confirmed by KOH mount/culture-positive were randomly divided into two groups.
- ❑ Group A received 4 sessions of fractional CO2 laser at 4-week intervals with twice-daily application of 1% terbinafine cream; Group B received one-week pulse therapy with capsule itraconazole once every four-week for three pulses.
- ❑ Both groups showed statistically significant improvement measured by 'Reduction in Onychomycosis Severity Index' at six months;
- ❑ However, fractional CO2 laser with 1% terbinafine cream appears to be an effective and safe method for inducing nail clearance in onychomycosis.



**IADVL – AP
TEAM GUNTUR**

By Dr Rakesh

Further Reading:

Indian J Dermatol Venereol Leprol. 2022 Mar 24:1-7. doi:
10.25259/IJDVL_98_2021.