



DERMA PEARLS : THERAPEUTICS- 1

TOPICAL MINOXIDIL FOR ONYCHODYSTROPHY

Oral minoxidil can lead to nail structural improvement and significant patient satisfaction in patients with onychodystrophy.

- The application of topical minoxidil was successfully tested for the first time in a patient with yellow nail syndrome.
- The key mechanism of action appears to be the increase in skin blood flow through upregulated expression of vascular endothelial growth factor.
- Studies of topical 5% minoxidil spray or solution (applied to the proximal nail fold twice daily) demonstrated improvement in nail growth rate & safe agent for accelerating nail growth in both healthy and diseased nails (e.g. lichen plans).



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Reference :

J Cosmet Dermatol. 2023 Sep 22. doi: 10.1111/jocd. 16009.