

Excimer laser efficacious for chronic hand and foot eczema

March 3 2016



(HealthDay)—Excimer laser (308 nm) is efficacious for patients with

chronic hand and foot eczema (CHFE), according to research published online Feb. 24 in the *International Journal of Dermatology*.

Anjali Shroff, M.D., from the Icahn School of Medicine at Mount Sinai in New York City, and colleagues conducted a retrospective chart review involving 30 patients with recalcitrant CHFE (19 with hand involvement, four with foot involvement, and seven with both). Participants were treated twice weekly with excimer [laser](#) (308 nm) single wavelength ultraviolet (UV)-B radiation.

The researchers observed improvements in clinical scores, which included a 69 percent decrease in the average physician's global assessment scores (from 2.77 at baseline to 0.87 after treatment; P

"Compared to other UV therapies, [excimer laser](#) offers lower cumulative doses of UV radiation by targeting specific areas," the authors write. "This effective treatment should be considered alone or in combination with other established or newer therapies."

Several authors disclosed financial ties to the biopharmaceutical industry.

More information: [Abstract](#)
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Excimer laser efficacious for chronic hand and foot eczema (2016, March 3) retrieved 27 April 2024 from
<https://medicalxpress.com/news/2016-03-excimer-laser-efficacious-chronic-foot.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private

study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.