

Trichloroacetic acid beats cryotherapy for plantar warts

April 20 2016



(HealthDay)—Trichloroacetic acid (TCA) is more effective than

cryotherapy with liquid nitrogen for the treatment of plantar warts, according to a study published online April 4 in the *Journal of Dermatology*.

Fatma Pelin Cengiz, M.D., from the Bezmialem Vakif University in Istanbul, and colleagues treated plantar warts with either cryotherapy with [liquid nitrogen](#) (up to four treatments two weeks apart) or 40 percent TCA (weekly up to four treatments).

The researchers found that after four weeks the clinical improvement of the 30 patients in the TCA group was as follows: six patients (20 percent) with no change, one patient (3.3 percent) with a mild response, 13 patients (43.3 percent) with a moderate response, and 10 patients (33.3 percent) with a good response. By comparison, the corresponding clinical responses in the cryotherapy group were: 12 patients (40 percent), four patients (13.3 percent), 12 patients (40 percent), and two [patients](#) (6.7 percent), respectively. This yielded a statistically significant difference in improvement between the two treatment groups ($P = 0.027$).

"According to our results, TCA 40 percent is more effective for clearance of plantar warts, with [a] significantly improved long-term safety profile," the authors write.

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

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

Citation: Trichloroacetic acid beats cryotherapy for plantar warts (2016, April 20) retrieved 27 April 2024 from <https://medicalxpress.com/news/2016-04-trichloroacetic-acid-cryotherapy-plantar-warts.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.