

Two-step irradiance better for condyloma acuminatum

June 27 2017



(HealthDay)—For patients with condyloma acuminatum (CA), a two-

step irradiance schedule is associated with a significantly greater reduction in pain during treatment than single-dose cold compress, according to a study published online June 22 in *Lasers in Surgery and Medicine*.

Xiaonan Shao, M.D., from the Third Affiliated Hospital of Soochow University in Changzhou, China, and colleagues conducted a prospective study involving 114 CA patients randomized into Group A (two-step irradiance schedule) and Group B (single-dose cold compress). At five, 10, 15, and 20 minutes during each [photodynamic therapy](#) (PDT) the authors recorded the numeric rating scales (NRS) of patients' pain.

The researchers observed no [significant difference](#) in the cure rate of patients in the two groups (97.1 versus 95.8 percent; $P = 1.000$). There were significant differences in the NRS scores at different time points and the number of PDT sessions ($F = 198.233$ and 165.224 , respectively; P

"Compared with single-dose cold compress, two-step irradiance schedule could more significantly reduce the [patients'](#) pain degree during treatment, especially for vulva and crissum," the authors write.

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

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: Two-step irradiance better for condyloma acuminatum (2017, June 27) retrieved 26 April 2024 from <https://medicalxpress.com/news/2017-06-two-step-irradiance-condyloma-acuminatum.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.