

Newly designed pulsed-dye laser found effective for rosacea

April 20 2018



(HealthDay)—A pulsed-dye laser with a novel 15-mm diameter

treatment beam improves the appearance of rosacea, according to a study published online April 10 in *Lasers in Surgery and Medicine*.

Eric F. Bernstein, M.D., from the Mainline Center for Laser Surgery in Ardmore, Pa., and colleagues investigated a pulsed-dye laser using a 15-mm diameter beam for treatment of [rosacea](#) (four monthly treatments) among 20 patients.

The researchers found that blinded reviewers were able to correctly identify baseline photos in 55 out of the total of 57 images (96.5 percent). For 17 of the 19 patients completing the trial, improvement was greater than 40 percent, and in 11 of the 19 participants it was greater than 50 percent. The average improvement was 53.9 percent. Reported side effects included mild edema, mild-to-moderate erythema, and mild-to-moderate bruising.

"This study demonstrates that a newly designed pulsed-dye [laser](#) having a novel 15-mm diameter [treatment](#) beam improves the appearance of rosacea with a favorable safety profile," the authors write.

Several authors disclosed financial ties to Syneron-Candela, which funded the study.

More information: [Abstract/Full Text](#)

Copyright © 2018 [HealthDay](#). All rights reserved.

Citation: Newly designed pulsed-dye laser found effective for rosacea (2018, April 20) retrieved 23 April 2024 from <https://medicalxpress.com/news/2018-04-newly-pulsed-dye-laser-effective-rosacea.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.