

Pulsed dye laser doesn't significantly improve acne

July 7 2017



(HealthDay)—For patients with acne, pulsed dye laser (PDL) treatment

does not improve acne severity grading or acne erythema grading but is associated with patient satisfaction, according to a study published recently in the *International Journal of Dermatology*.

Ramrada Lekwuttikarn, M.D., from Chulalongkorn University in Bangkok, and colleagues examined the efficacy of and patients' satisfaction with 595-nm PDL treatment of [acne](#) vulgaris and acne erythema in adolescents and [young adults](#). They performed a block-randomized, split-faced study in 30 patients with mild to moderate acne and compared the laser-treated and nontreated sides.

The researchers found that there was no significant between-group difference in the results, except for the papule count at week 4, which was -1.828 and 0.103 on the treated and nontreated sides, respectively. There was no significant between-group difference in terms of acne severity grading and acne erythema grading. On the laser-treated side, the mean scores of patients' satisfaction were 75, 81, and 81 percent, respectively, at the second, fourth, and eighth weeks.

"The PDL treatment in this study reveals no significant improvement in acne therapy; however, the [patients](#) were satisfied with this laser treatment," the authors write.

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

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

Citation: Pulsed dye laser doesn't significantly improve acne (2017, July 7) retrieved 13 May 2023 from <https://medicalxpress.com/news/2017-07-pulsed-dye-laser-doesnt-significantly.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.