

- Nail psoriasis is relatively difficult to treat; this is the first study assessing both the excimer and PDL lasers in nail psoriasis.
- In this left-to-right comparison study, excimer laser versus PDL for the treatment of nail psoriasis was evaluated in 42 patients; a total of 304 nail changes, 148 with excimer laser and 156 with PDL, were treated.
- The mean Nail Psoriasis Severity Index (NAPSI) score in nails treated with excimer laser was 29.8 at baseline, reduced to 16.3 at week 24; in PDL treated nails, the NAPSI scores dropped from 29.5 at baseline to 3.2 at week 24.
- NAPSI improvement was significantly greater in PDL than excimer ($P = 0.001$; Wilcoxon signed-rank test).
- When compared to excimer laser, PDL demonstrated a good response for treating nail psoriasis, with minimal side effects.

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