

Effectiveness of Laser Treatment for Keloids and Hypertrophic Scars

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Abstract

In the field of plastic surgery, especially in the treatment of scars, keloids and hypertrophic scars are commonly encountered conditions. Generally, treatments include medication, topical steroids, injections, as well as surgery and radiation therapy. However, the limitations of these treatments often pose challenges. We have employed laser devices such as long-pulsed Nd:YAG lasers and fractional lasers in our treatments, but have observed numerous complications including long treatment durations, blister formation due to thermal injury, and hyperpigmentation. Since 2022, we have been treating hypertrophic scars using fractional RF (POTENZA®) and have experienced favorable outcomes. This report will present our findings along with a brief review of the literature.