

Robin Sult graduated from Nursing Training in 1980. Her initial work was in Neonatal ICU. By 2001 she was running a Laser Aesthetic practice with a full complement of Fotona laser systems. She teaches internationally on Fotona Lasers, being responsible for introducing over 800 physicians to Fotona's laser systems. Her current practice includes the Fotona Dynamis, XP MAX, and the Fotona QX laser systems. She is actively involved with clinical research and protocol development in laser aesthetics and a frequent presenter in both domestic and international laser conferences.



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Nd:YAG Treatment of Rosacea

Robin Sult

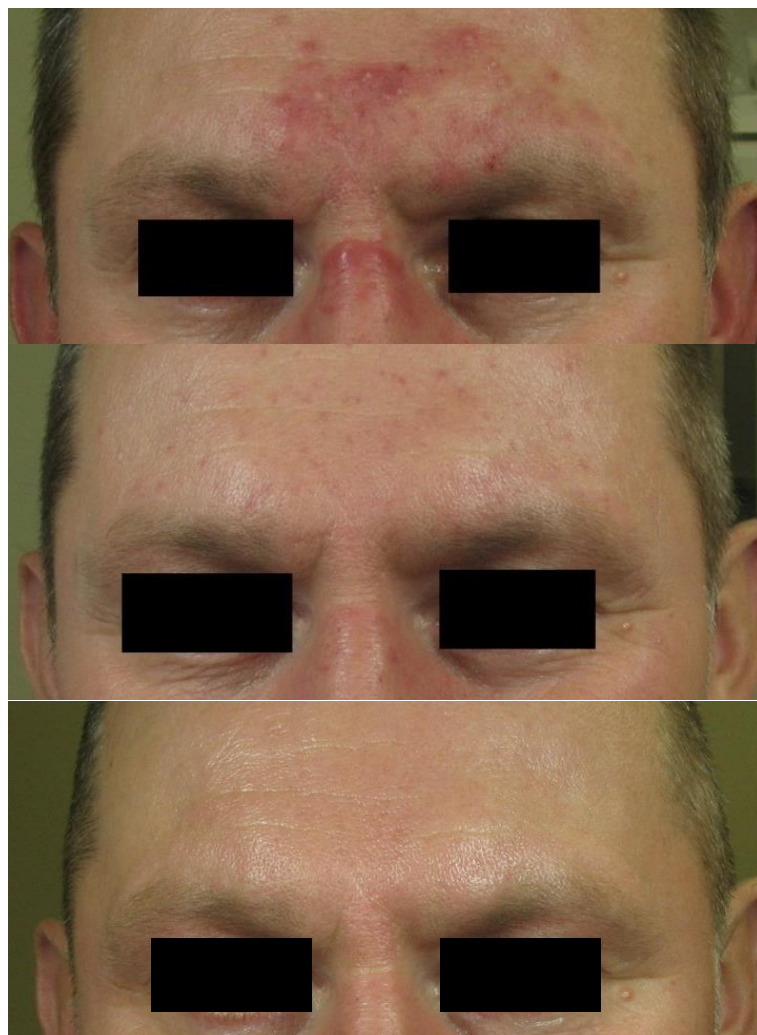
Parameters:

Laser source:	Nd:YAG, 1064 nm
Pulse duration:	14 ms
Fluence:	50 J/cm ²
Frequency:	1 Hz
Handpiece:	S11 Scanner
Spot size:	6 mm

Treatment procedure:

Rosacea is a common but often misunderstood skin condition reflected as flushing and redness centrally on the face, across the cheeks, nose and forehead. Rosacea can be confused, but also co-exist, with acne vulgaris and/or seborrheic dermatitis. Rosacea affects both men and women of all ages.

A male patient with rosacea on the forehead and nose that persisted for 15 years is presented here. Many standard medical therapies were tried and failed to clear the signs of rosacea. A 1064 nm Nd:YAG laser using an S11 scanner in Sequential mode with maximal coverage was performed to treat the rosacea. No topical anesthesia was needed. Cooling was used during the treatment to minimize the pain. Eye protection was provided by using stainless steel scleral shields. With a single treatment, complete clearance of the rosacea with no adverse effects was achieved. A 7-year follow up was conducted with no recurrence detected.



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