



Low Level Laser Therapy & Burns and Burn Scars testimonials followed by clinical research

Burns



Troy Rex

My son had evidently climbed up on the riding lawn mower and fell off, catching his left arm on the muffler. It had burned him pretty badly. I had mentioned this to my doctor three days after it happened and he told me about the laser. All I can say is the results speak for themselves. I am totally amazed.

K.L, SD



My hot tub thermostat malfunctioned and I scalded my foot half way up

my calf in 140 degree water. My doctor said it was a 2nd degree burn and that it would take three weeks to heal. I used both the Resonator and Rotary Lasers immediately and twice daily

thereafter. By the 6th day, all the pain was gone and I was back to work. By day 10, the skin was nearly healed, having the appearance of slight sunburn. The lasers not only helped control the pain, but also speeded the healing process.

Beth Fahey, Eagan, MN

The laser saved my daughter's hand! Earlier this year, my 23 year old daughter burned most of her right hand badly when hot oil started on fire while she was cooking. After she called me early the next morning I brought her into the office where I worked and she did laser treatments before I brought her to Urgent Care. The MD she saw removed dead skin, wrapped the burn and informed us that her hand would scar as it healed.

At a follow up appointment with another MD, we were informed that her hand would scar badly and it was imperative that she treat with a physical therapist while it was healing to retain function of her right (dominant) hand. She continued to do laser treatments over all of the burn areas for the next 10 days.

Amazingly, her hand healed with NO SCARRING whatsoever. Her skin grew back smooth and she has normal, complete FUNCTION of her hand. The only sign there is that she even had a very bad burn is that some areas lack her normal skin pigment. There is no other explanation for this amazing healing except the laser treatments she had.

I am so grateful that this young lady went off to grad school this fall with 2 functioning, beautiful hands. What a difference the laser treatments have made in her life.

Low Level Laser Therapy—a conservative approach to the burn scar?

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Gaida

Burn scars are known to be difficult to treat because of their tendency to worsen with hypertrophy and contracture. Various experimental and clinical efforts have been made to alleviate their effects but the problem has not been solved.

Since patients keep asking for Low Level Laser Therapy (LLLT) and believe in its effectiveness on burn scars, and since former studies show contradictory results of the influence of LLLT on wound healing, this prospective study was designed to objectify the effects of LLLT on burn scars.

Nineteen patients with 19 burn scars were treated with a 400mW 670nm Softlaser twice a week over 8 weeks. In each patient a control area was defined, that was not irradiated. Parameters assessed were the Vancouver Scar Scale (VSS) for macroscopic evaluation and the Visual Analogue Scale (VAS) for pruritus and pain. Photographical and clinical assessments were recorded in all the patients.

Seventeen out of 19 scars exhibited an improvement after treatment. The average rating on the VSS decreased from 7.10 ± 2.13 to 4.68 ± 2.05 points in the treated areas, whereas the VSS in the control areas decreased from 6.10 ± 2.86 to 5.88 ± 2.72 . A correlation between scar duration and improvement through LLLT could be found. No negative effects of LLLT were reported. The present study shows that the 400mW 670nm softlaser has a positive, yet sometimes limited effect on burn scars concerning macroscopic appearance, pruritus, and pain.

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