

genesis™

Laser Genesis

Skin rejuvenation therapy with no down time



Genesis Features

Laser Genesis is a unique microsecond procedure developed by Cutera for use on all skin types. Laser Genesis improves pore size and texture, targets diffuse erythema and poikiloderma, improves fine lines and reduces scars.

Laser Genesis uses high-power microsecond pulses at high repetition rates to safely heat the papillary and reticular dermis, stimulating collagen and reducing diffuse microvasculature.

Practice benefits include:

- No-downtime
- Comfortable treatment
- Safe on all skin types
- Ability to be performed year-round
- No consumables or disposable parts

Case Protocol

Laser: Cutera Nd:YAG
Spot size: 5 mm
Output: 14 J/cm²
Pulse width: 0.3 ms
Repetition frequency: 10 Hz
No. of shots: 500–1000 shots/cm²

Must treat outside scar borders to monitor skin heating (patient feedback). Cooled as necessary during treatment for patient comfort. Applied topical steroid for several days post-treatment.

Treatment interval: 2 to 3 weeks

CUTERA®

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Hypertrophic Scar

Case 2 33-year-old female

The patient was burned during infancy and underwent several scar contracture plastic surgeries. Prior to Laser Genesis treatment, two years post the last operation, the scar remained reddish and slightly itchy.

The patient is currently undergoing sequential Laser Genesis treatments. After 14 exposures there was a slight reduction of the redness and the hypertrophy was observed. The patient is very satisfied with treatment progression.

Irradiations per treatment: 10,000 shots



Before treatments



After 5 treatments



Case 3 28-year-old male

The patient presented with a hypertrophic scar following a burn by a depilation laser. After 5 irradiations, the hypertrophy disappeared completely. Irradiations per treatment: 100 shots



Before treatments



After 3 treatments



After 5 treatments

All photos supplied by Dr. Sachiko Koike, Dept. of Plastic Surgery, Nippon Medical School