

# 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 Keloid

Laser: Cutera Nd:YAG  
Spot size: 5 mm  
Output: 14 J/cm<sup>2</sup>  
Pulse width: 0.3 ms  
Repetition frequency: 10 Hz  
No. of shots: 500–1000 shots/cm<sup>2</sup>

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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## Keloid

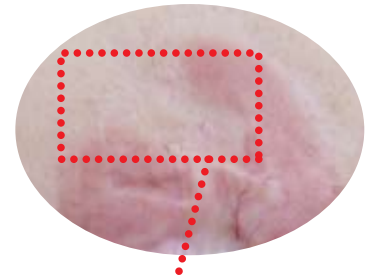
**Case 1** 26-year-old female, right shoulder keloid scar

Patient History:

- 2003 - Resection and electron beam irradiation, however, the problem recurred.
- Pulsed dye laser and Kenalog steroid injection were used to treat the patient, but the keloid continued to grow.
- Laser Genesis treatment
- At present, the keloid has shrunk and has partially returned to normal skin.



Keloid disappeared.



Before treatments



After 22 treatments

**Case 2** 63-year-old female, chest keloid Caused by contact with bra fastener



Before treatments



After 1 treatment



After 5 treatments

All photos supplied by Dr. Satoshi Akaishi, Dept. of Plastic Surgery  
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