

Cutera Debuts Pearl with YSGG Technology

A New 2790 nm Wavelength for Cosmetic Procedures



"What differentiates Pearl from traditional resurfacing products is its ability to denature a controlled depth of epidermis with minimal immediate tissue removal at the skin's surface. This is an important benefit for restoring the skin's structure and vitality."

E. Victor Ross, MD, board-certified dermatologist, Scripps Medical Center, San Diego

First FDA-Cleared 2790 nm Laser for the Treatment of Wrinkles

Patients today want an aggressive treatment for facial lines and texture without the lengthy downtime of traditional ablative procedures. Cutera's introduction of Pearl™ with proprietary YSGG technology, provides this optimal balance between cosmetic benefit and patient downtime.

During treatment, a portion of the epidermis is removed. There is simultaneous thermal injury to all or part of the remaining epidermis. This creates a natural protective dressing on the skin to minimize downtime during the restorative process.

Pearl is available on Cutera's multi-application Xeo platform, as an upgrade to all existing customers, and as a standalone unit.



Before



7 days post 1 treatment

Photos courtesy of E. Victor Ross, M.D.

Specifications	Pearl with YSGG Technology
Wavelength	2790 nm (2.79 um)
Fluence	1.5 – 3.5 J/cm ²
Spot Size	6 mm
Scan Size	30 x 30 mm
Pulse Width Range	Sub-millisecond adjustment
Repetition Rates	Single shot to 20 Hz
Working Distance	2.2 inches
Protective Window	Sapphire

Optional Feature: Smoke Evacuator

