



# NEOGEN<sup>TM</sup>PSR

## NITROGEN PLASMA SYSTEM

- SKIN RESURFACING
- SKIN REJUVENATION
- SKIN TIGHTENING
- SKIN REGENERATION
- SEVERE AND FINE WRINKLE  
REDUCTION
- ACNE SCARRING
- PIGMENTATION
- PRECANCEROUS LESIONS
- PHOTO DAMAGE
- FOR FACE, NECK AND BODY
- SOFT BLEPHAROPLASTY

**ENERGIST<sup>TM</sup>**  
AESTHETIC SOLUTIONS



## NEOGEN<sup>PSR</sup>

### NITROGEN PLASMA SYSTEM

## RESTORING AND REGENERATING THE SKIN'S NATURAL ARCHITECTURE

NeoGen nitrogen plasma technology delivers controlled heating to the skin architecture stimulating a significant physiological response, without creating an open wound. Unlike ablative technologies there is no epidermal vaporisation or charring caused at time of the treatment.

The unique energy delivered by NeoGen is non-fractionated and not dependent on a chromophore for its uptake. This provides uniform energy absorption, ensuring consistent treatment of the skin at high energies, supporting significant tightening.

## UNIQUE TECHNOLOGY

NeoGen converts nitrogen gas into plasma, the fourth state of matter. The plasma emerges from the handpiece in controlled pulses and rapid heating of tissue occurs as it gives up its unique thermal energy to tissue.

## NO OPEN WOUNDS

The treated photodamaged layers undergo a controlled thermal modification while remaining intact, creating a natural dressing to provide protection and speed healing. At high energies the epidermis sheds, but only after a new, healthier skin architecture is formed beneath.

## LONG LASTING RESULTS

Clinical studies show neocollagenesis and reduction in elastosis continuing for more than one year post treatment.

## EYELIDS AND PERIORBITAL TREATMENT

NeoGen is the ideal option for the treatment of the upper and lower eyelids, as well as the wider periorbital region. Other technologies cannot be used in this area, or deliver inconsistent results.

### AESTHETICS

Pore size reduction

Acne Scars

Rejuvenation

Stretchmark Revision

Resurfacing

Scar Revision

Soft Blepharoplasty

### MEDICAL

Active Acne

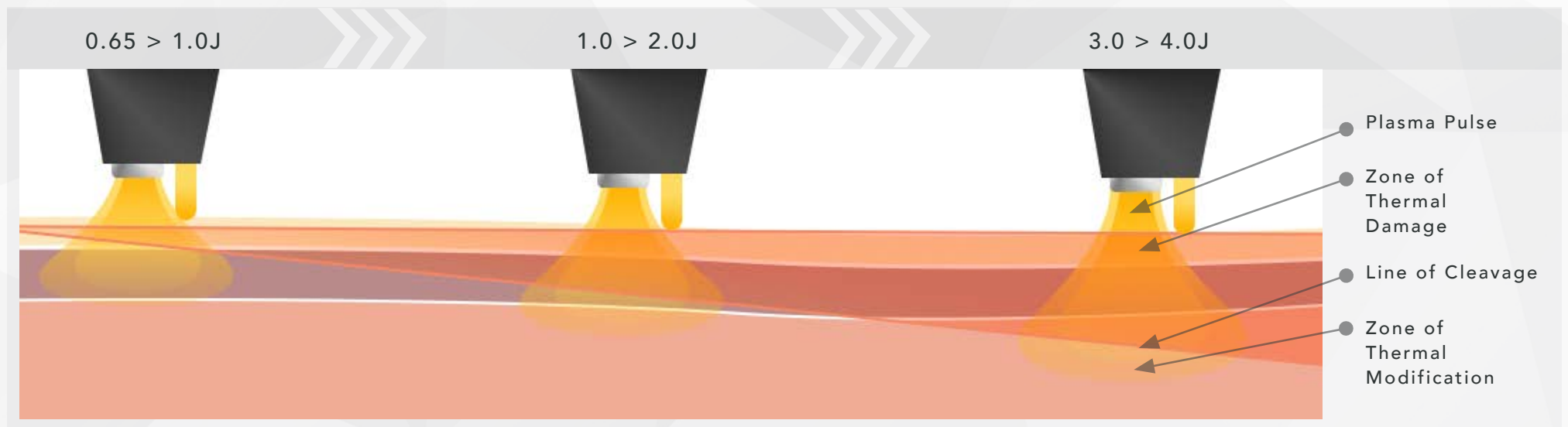
Onychomycosis

Melasma

Actinic Keratosis

## TREATS THE WHOLE SKIN ARCHITECTURE

Treating the entire skin structure ensures optimal results as the entire surface is regenerated with associated neocollagenesis and neoelastogenesis. No islands of untreated skin remain. Clinical studies show significant tightening - mean 22% improvement in upper eyelid tightening (JOCD 7, 169-179, 2008).



## UNIQUE ENERGY DEPENDENT EFFECT

Between the Zone of Thermal Damage (ZTD) and the Zone of Thermal Modification (ZTM), a line of cleavage becomes evident, where the new epidermis forms. NeoGen uniquely enables the practitioner to control the depth of this line of cleavage by adjusting the level of energy delivered to the skin.

# TRANSFORMING THE TREATMENT EXPERIENCE

When a patient undergoes a NEOGEN™ PSR treatment, they also benefit from a number of secondary effects unique to a Nitrogen Plasma treatment:

- ✓ Multiple conditions are treated at the same time.
- ✓ The whole skin architecture is treated.
- ✓ The skin remains intact creating a natural dressing to provide protection which promotes fast healing.

**These unique secondary effects will provide increased customer satisfaction as a result of:**

- ✓ Improved skin quality – texture, colour, tone and tightening.
- ✓ Fewer complications and risks compared with lasers.
- ✓ Treatments create a healthy, natural, lustrous appearance.
- ✓ No line of demarcation compared with fractional procedures.
- ✓ Longevity of results – elastosis continues to decrease for at least 1 year.
- ✓ Plasma leaves 3D collagen not flat collagen.
- ✓ Gold standard results periorbitally and periorally.
- ✓ Significantly less downtime due to protected healing.

"This technology delivered the clinical results that were promised. It is also backed by extensive research and clinical studies in which I was involved. I've seen dramatic results with it."

**Edgar Fincher, M.D. Ph.D**

*Fincher Dermatology & Cosmedic Surgery, Beverley Hills, CA*

"Nitrogen plasma technology provides a well-researched and very effective mechanism for skin regeneration. It is safe, low cost and reliable."

**Christopher Zachary**

*Professor & Chair, Department of Dermatology, University of California, Irvine*

"With this technology you have the epidermis acting as a natural dressing. There is no better dressing for your skin than your own skin cells, because they produce all the right combinations of growth factors and have the right stimuli to create new skin underneath. To me this is absolutely unique - I have not seen this before with any of the other resurfacing technologies, either CO2 or Erbium."

**Eric F Bernstein, M.D.**

*Main Line Center for Laser Surgery, Ardmore, PA*

"One of the top non-surgical cosmetic procedures performed"  
Time Magazine

"The future technology combines the benefits of CO2 resurfacing with the safety and healing profile of a non-ablative treatment"

*American Society for Laser Medicine and Surgery*

HIGHER ENERGY

LOWER ENERGY

- Melasma
- Soft Blepharoplasty
- Scars
- \* Acne Scarring
- Severe Wrinkles
- Active Acne
- Non Facial Wrinkles
- Pigmentation
- Photodamage

- Viral Papillomata
- Wrinkle / Rhytides \*
- Pore Size Reduction
- Pre-Cancerous Lesions \*
- Viral Papillomata \*
- Stretch Marks
- Onychomycosis

\* FDA K132754 Cleared Indication. Please see back cover for details.



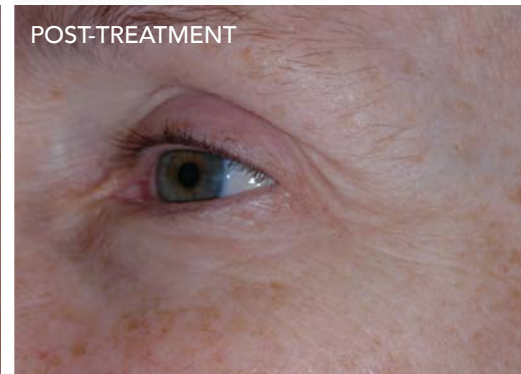
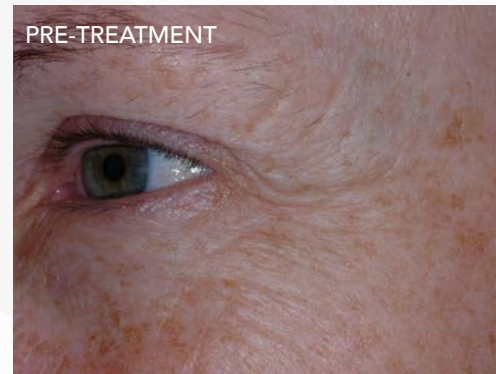
# SEE THE RESULTS



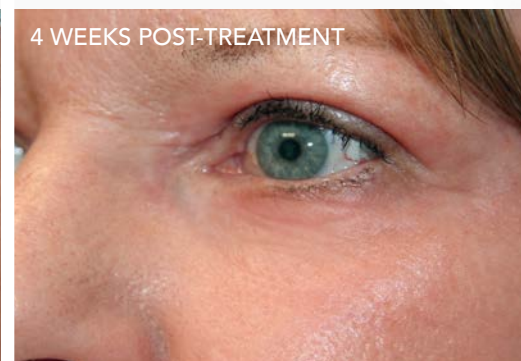
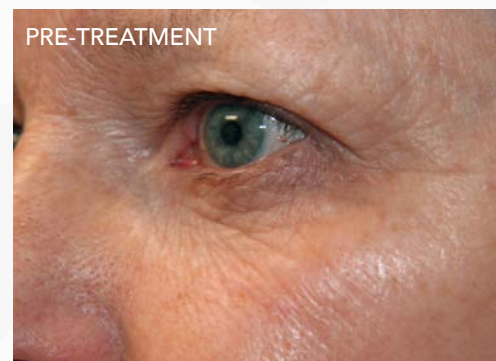
Photographs courtesy of William Groff, DO



Photographs courtesy of Dr William F. Groff



Photographs courtesy of B. Biesman, MD



Photographs courtesy of V. Gurvits, DO



Photographs courtesy of EM Zimmerman, MD