



# NEOGEN PLASMA

NITROGEN PLASMA SYSTEM

ACNE SCARRING

ACTINIC KERATOSIS

FACIAL RHYTIDES

NON-FACIAL RHYTIDES

SEBORRHOEIC KERATOSIS

BENIGN PIGMENTED LESIONS

VIRAL PAPILLOMATA

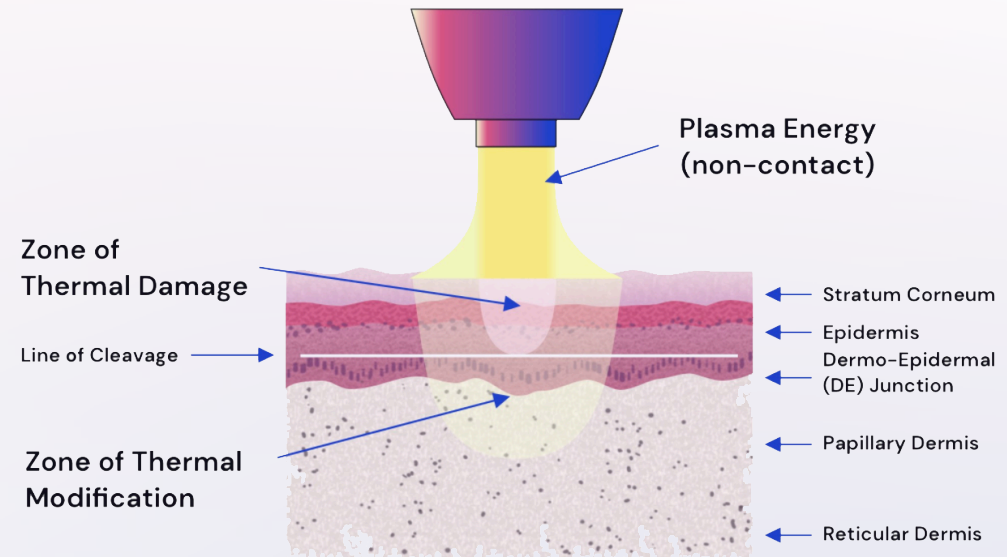


# ENERGIST

# THE SCIENCE BEHIND THE TREATMENT

NeoGen uses ultra-high radio frequency to ionize medical grade nitrogen gas from a pressurised cylinder, creating nitrogen plasma in the nozzle, which delivers a controlled pulse of plasma thermal energy.

The pressurised pulse of nitrogen plasma purges oxygen from the treatment area, avoiding carbonisation of the superficial tissue. The level of energy delivered to the skin determines the depth of penetration, and associated levels of tightening, resurfacing and regeneration effects.



## WHAT MAKES NEOGEN PLASMA UNIQUE?

- ✓ It treats and modifies the whole skin architecture
- ✓ It treats multiple indications simultaneously
- ✓ It treats the whole body, including the peri-ocular area
- ✓ Treated skin forms a natural barrier to aid recovery
- ✓ Treatment protocols can be tailored to meet client needs



Before

After 1 Treatment



# A HOLISTIC APPROACH TO DERMAL HEALTH

Actinic Keratosis



Before

After 1 Treatment

Viral Papillomata



Before

5 Days After

14 Days After

Benign Pigmented Lesions



Before

After 2 Treatments

Actinic Keratosis

Benign Pigmented Lesions

Facial Rhytides

Acne Scarring

Viral Papillomata

Non-Facial Rhytides

Seborrhoeic Keratosis

NeoGen PSR is FDA cleared for the listed indications

## INTRODUCING NEOGEN<sup>PSR</sup>



### ADVANCED PULSE FUNCTIONALITY

NeoGen PSR allows clinicians to maximise the energy capabilities of this technology with access to the full energy range (0.5 - 4.0 J) and repetition rate (1 - 2.5 Hz), with the added benefit of the double pulse functionality for deeper penetration of thermal energy into the skin.



### IDEAL FOR MORE SEVERE SKIN CONDITIONS

NeoGen PSR is ideal for addressing more severe clinical indications which require a greater thermal effect.



### AN EFFECTIVE COMPLEMENT OR ALTERNATIVE TO SURGICAL PROCEDURES

NeoGen PSR can be used safely and effectively in conjunction with facial and non-facial surgical procedures, such as surgical facelifts, scar revision or threads.

Likewise, the NeoGen PSR is an effective alternative to surgical procedures such as surgical Blepharoplasty.



### TAILORED PROCEDURES

Pre-set treatment programs with variable energy settings allow for rapid, individualised treatments and provide the operator with precise control over the degree of tissue damage.



# CLINICAL RESULTS

Patients who achieved real results with Energist's NeoGen Plasma Skin Regeneration device.



Image courtesy of Melissa Gibbens, R.N

Before

After 1 Treatment



Image courtesy of Melissa Gibbens, R.N

Before

After 1 Treatment



Image courtesy of Nina Deep, M.D.

Before

After 1 Treatment



Image courtesy of Nina Deep, M.D.

Before

After 1 Treatment



Image courtesy of Huashan Hospital

Before

After 1 Treatment



Image courtesy of Melissa Gibbens, R.N

Before

After 1 Treatment

Photographs are unretouched. Individual results may vary.

**NEOGEN PLASMA**



# CLINICAL RESULTS

Patients who achieved real results with Energist's NeoGen Plasma Skin Regeneration device.



Image courtesy of Dr. Ivet Pavlova

Before

After 2 Treatments



Image courtesy of Nina Deep, M.D.

Before

After 1 Treatment



Image courtesy of Nina Deep, M.D.

Before

After 1 Treatment



Image courtesy of Nina Deep, M.D.

Before

After 2 Treatments



Image courtesy of Nina Deep, M.D.

Before

After 2 Treatments



Image courtesy of Nina Deep, M.D.

Before

After 1 Treatment

Photographs are unretouched. Individual results may vary.

## NEOGEN PLASMA



## WHY CHOOSE NEOGEN PLASMA?

- ✓ 7 FDA cleared indications for aesthetic and dermatological conditions
- ✓ No adverse events reported in 10+ years
- ✓ Provides effective solutions for aesthetic, dermatological and surgical needs
- ✓ Exceptional ROI due to its broad range of energy, indications, skin types and treatment areas
- ✓ Combines with other modalities and procedures to create bespoke treatments
- ✓ Quick and easy to use without the need for ocular guards, safety glasses or a laser room
- ✓ NeoGen Plasma is the world's first, proven and superior nitrogen plasma energy system with over 10 years of continual improvement in system engineering and manufacturing
- ✓ 50 Clinical papers based on the technology

## WHAT NEOGEN PLASMA USERS SAY

"The NeoGen nitrogen plasma skin regeneration platform has provided great results for my patients, across multiple treatment indications, with minimal downtime.

I particularly like being able to treat isolated facial regions or lesions without concerns about demarcation lines.  
My patients love the immediate and long-lasting results."

**Dr. Mark Holmes**

**The McIndoe Surgical Centre, East Grinstead, UK**

"For the short time I work on the NeoGen machine I got a positive impression about the new method of plasma regeneration of the skin. I and my patients note the absence of long-term rehabilitation, but at the same time a wonderful aesthetic effect, an improvement in the quality and texture of the skin.

I perform procedures like monotherapy with plasma regeneration, and also combine with redermalization with the injection method. Together with our partners, the Hyalual Institute, we conducted a study and obtained excellent results."

**Astrakhantseva Larisa Arkadevny, AreyMed, Russia**

"The NeoGen Plasma device is hands down the most effective resurfacing treatment that I have used in my 16 years of aesthetic medicine practice."

**Nina Deep, M.D.**

**Nina Deep Aesthetics, Ohio, USA**

"NeoGen has an unprecedented thermal effect, I believe it'll be a revolutionary technology in skin regeneration. Upper eyelid lifting is its advantage during clinical practices, one of its characteristics as well."

**Doctor Zhang, Vice Chief Physician, Laser Cosmetology Dept.  
Shanghai People's Hospital**

## FOR MORE INFORMATION

If you would like to know more about the NeoGen PSR system, please contact your local business support office to obtain sales, clinical, training, commercial and marketing support.

**Visit:** [www.neogenusa.co](http://www.neogenusa.co)

**Email:**  
[rob@emergentmedtech.com](mailto:rob@emergentmedtech.com)

**Phone:** 781-690-4945



## TECHNICAL SPECIFICATION

<b>Device Classification:</b>	<b>Class II</b>
<b>Energy Range:</b>	<b>0.5 - 4.0 Joules</b>
<b>Pulse Rate:</b>	<b>Double Pulse</b>
<b>Repetition Rate:</b>	<b>1.0 - 2.5 Hz</b>
<b>Nozzles:</b>	<b>25 mm / 5 mm</b>
<b>Power:</b>	<b>100 – 120 / 230 Vrms – 50/60 Hz – 650 Va</b>
<b>Dimensions:</b>	<b>470 x 430 x 1060 mm</b>
<b>Gas Requirement:</b>	<b>Medical Grade Nitrogen</b>
<b>System Weight:</b>	<b>18kg/40 lb</b>
<b>Trolley Weight:</b>	<b>25kg/55 lb (excludes gas tank)</b>
<b>Ambient Environment:</b>	<b>0 to 40 Celsius</b>
<b>Relative Humidity:</b>	<b>30 to 75%</b>
<b>Atmospheric Pressure:</b>	<b>700 to 1060 hPa</b>

Energist Limited is part of the Energist Medical Group, the original and leading global provider of nitrogen plasma energy devices to the Medical Aesthetics industry, with over 20 years of experience in the design, manufacture and distribution of innovative energy devices. Energist's NeoGen Plasma technology is supported by 19 international patents covering key market territories and over 50 clinical papers.

NeoGen products are designed and manufactured in the United Kingdom in accordance with a Notified Body certified Quality Management System conforming with the internationally recognised ISO 13485:2016 Medical Device QMS standard.

# ENERGIST™

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MADE IN THE UK

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