

# NEO GEN

*The Future of Skin Regeneration*

## Pure Nitrogen Plasma Energy Delivery

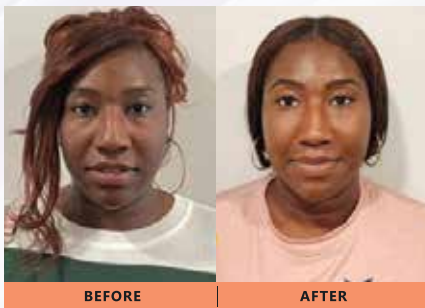
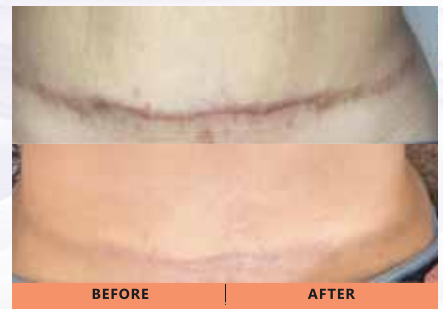
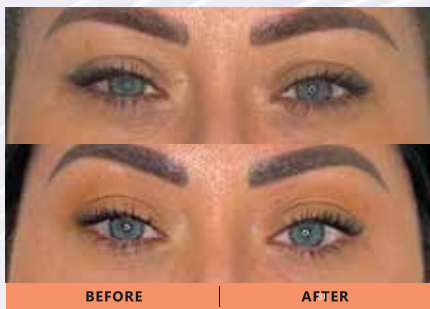
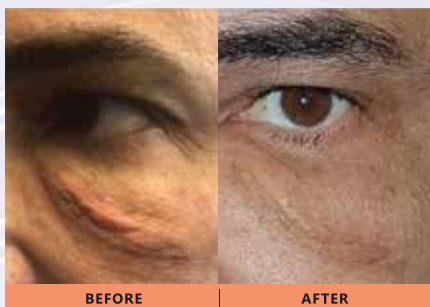
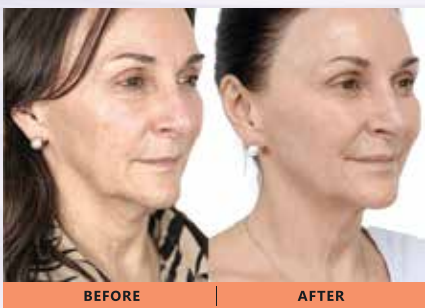
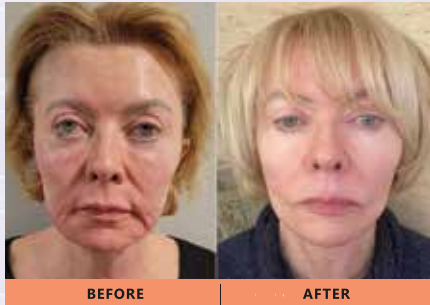
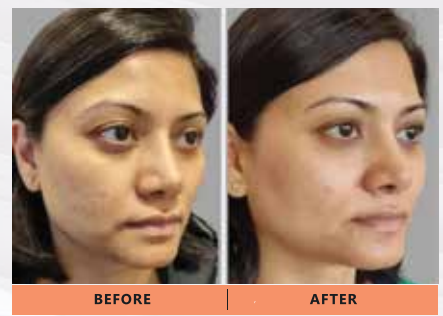
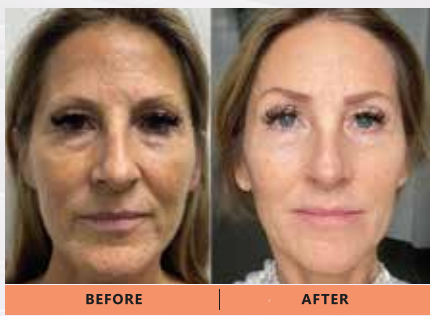
RESURFACE

TIGHTEN

REJUVENATE

ALL IN ONE DEVICE





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[www.neogenplasma.com.au](http://www.neogenplasma.com.au)

**NEO  
GEN**

Plasma Skin  
Regeneration  
Through Science

# Introducing NeoGen Nitrogen Plasma

## Clinically proven to target aesthetic & dermatological conditions

**NeoGen** uses pure thermal energy to simultaneously Tighten, Resurface and Regenerate the skin giving your patients a safe and effective alternative to more invasive procedures.

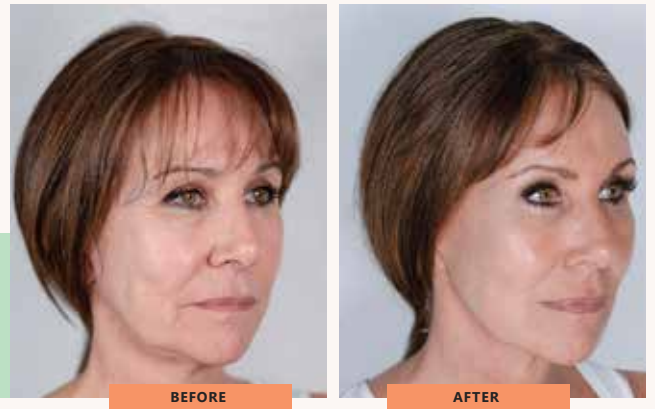
With over 300,000 treatments performed worldwide and over 50 clinical studies and papers, **NeoGen** is clinically proven to improve skin laxity, tone and texture, targeting jowling, puffiness, and dark circles.

## Resurface, Tighten & Rejuvenate at the same time!

### Deep tissue remodelling for face, body & periorbital area

**NeoGen** treats the skin's entire architecture for transformative results to rival those of more invasive procedures, including blepharoplasty, with far less downtime and no need for ocular guards.

*Linda Lusardi saw incredible results from a course of low energy treatments, with tighter, glowing skin and a more defined jawline. Treatment via Dr Johanna Ward.*



### Tailorable treatment for optimum patient outcomes

Customise treatment settings to meet patient expectations around results, pain and recovery time. Choose from high energy treatments with results equivalent to that of fully ablative technologies, through to 'pain-free, no downtime' treatments with cumulative results.

*For periorbital treatments with results to rival that of more invasive procedures. Treatment via Dr Raj Aggarwal, Cardiff Cosmetic Clinic. 1 treatment, 1.5J double pass*



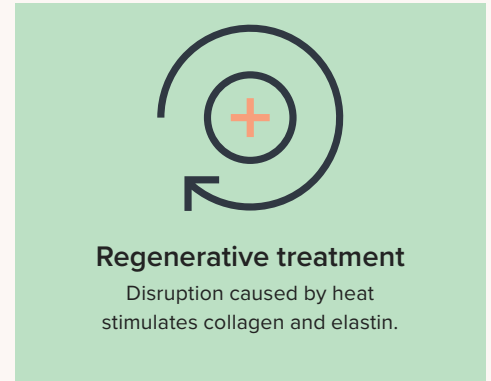
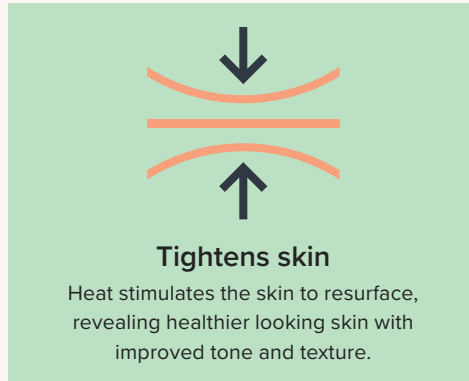
### FDA cleared for 7 approved indications including:

- Acne Scarring
- Viral Papillomata
- Actinic Keratoses
- Seborrhic Keratoses
- Superficial Skin Lesions
- Wrinkles & Rhytides on the face and body

*Results on acne scarring, demonstrating potential of higher energy treatment. Results from Huashan Hospital, China. 1 treatment: 1.2-1.8J full face with 3.0J on problem areas.*



# The science behind the results



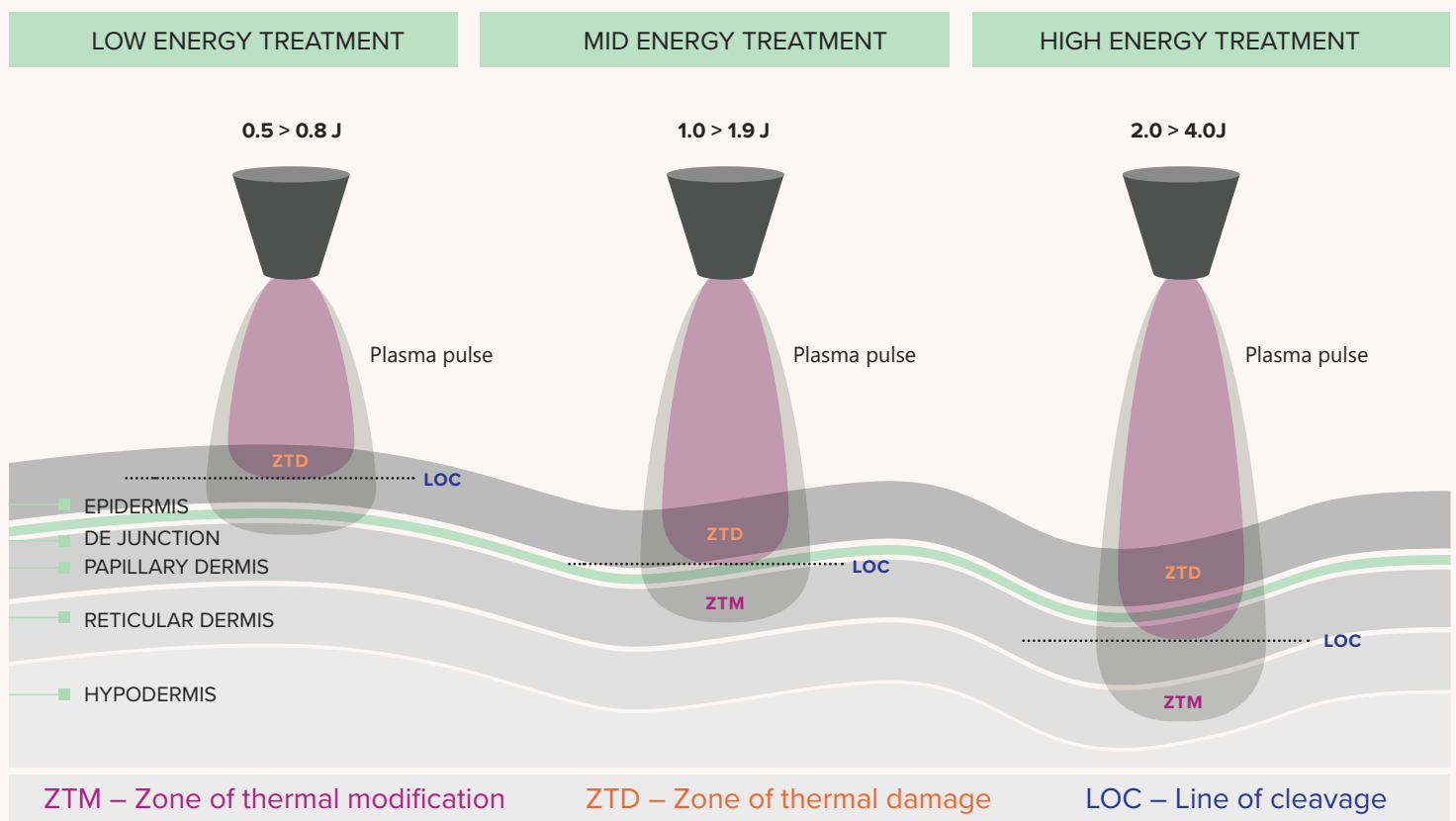
## Unique deep tissue remodelling with rapid healing

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 the time of treatment.

**NeoGen** converts nitrogen gas into plasma, the fourth state of matter. Plasma emerges from the handpiece in controlled pulses and rapidly heats the tissue in a transfer of thermal energy.

The unique energy delivered by **NeoGen** is non-fractionated and not dependant on a chromophore for its uptake. This provides uniform energy absorption, ensuring consistent treatment of the skin. At high energies it also supports significant volume improvement.

The heat causes thermal disruption to the structure of the skin, forcing the dermis to regenerate with outstanding results.



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 the of cleavage by adjusting the level of energy delivered to the skin.

# Why choose NeoGen for your Clinic?

Developed by the founders of Nitrogen Plasma technology, **NeoGen** is designed for use by Dermatologists, Plastic Surgeons, Aesthetics Doctors, Nurses, Dermal Clinicians and Beauty Therapists looking to stand out in their fields.

## Why choose NeoGen nitrogen plasma skin regeneration?

- FDA cleared to treat multiple indications simultaneously
- Safely treat the whole body, face, and periorbital area, right up to the lash line with no need for ocular guards
- Tailorable energy output allows you to customise treatments to patient skin tones, and expectations around results, pain and downtime
- Long-lasting regenerative results, with studies showing continued neocollagenesis more than one year post treatment

## Why use NeoGen vs other technologies, including CO2 laser?

- Reduced risk of infection, as the outer layer of skin remains intact through treatment, acting as a dressing for accelerated healing time
- Reduced risk of pigmentary changes in treated skin
- Non-invasive, non-ablative treatment for patients not wanting to commit to surgery
- Perform treatments quickly & easily without the need for ocular guards, safety glasses or a laser room
- Bespoke user interface allows you to delegate lower energy treatments to colleagues, to maximise device efficiency



# What can NeoGen Treat?



## NeoGen Plasma Patient Benefits:

### Treats the skin's entire architecture

Regenerates the skin's surface, leaving no untreated islands, contributing to improved tightening, texture and tone, as well as the removal of pre-cancerous lesions with no line of demarcation.

### Addresses multiple skin indications simultaneously

Treat aesthetic and medical skin concerns simultaneously, including fine lines and wrinkles, pore size reduction, acne scarring, pigmentation and improving skin laxity with one single treatment modality.

### Less invasive alternative to blepharoplasty and facelift

A safe, precise alternative for patients looking to avoid surgical procedures, or a complementary treatment to enhance the outcome of cosmetic surgery. Safely treat directly on to the eyelids, right up to the lash line!

### Adjustable energy output for tailorable treatments

Meet patients' desired results and expectations, with protocols ranging from 'pain-free, no downtime' to the equivalent of a transformational CO2 fully ablative result.

### Reduced downtime vs comparable technologies

A non-abrasive, non-ablative treatment with no needles, charring, or bleeding, where the dermis itself acts as a natural barrier to protect the treatment area from infection.

### Convenient, quick treatment time

Perform low energy treatments in as little as 20 minutes, with patients able to schedule appointments without major disruption to busy schedules.

# Clinically proven technology targeting Aesthetic and Dermatological conditions across the Face, Body and Periorbital area

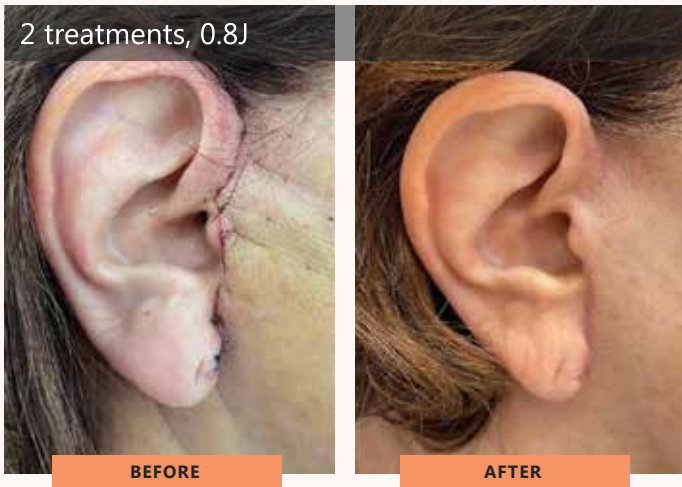
Images courtesy of Dr Raj Thethi, UK



Images courtesy of Dr Rasha Clinic, UK



Images courtesy of Dr Victoria Klishko, Russia



Images courtesy of Grafton Spa, UK



Images courtesy of Dr Brooklyn Buras, USA



Images courtesy of Prof. Taro Kono, Japan



"NeoGen is one of my most popular treatments, and I love it because it gives me fantastic results. I think it really stands out when it comes to skin laxity, especially for treatment of the eye area.

**KAREN DOHERTY, DR KD**

"If I had my time back, this is one of the first machines that I would have bought. I can say with assurance that NeoGen does what it says on the tin."

**RAJ THETHI, YORKSHIRE SKIN CENTRE**

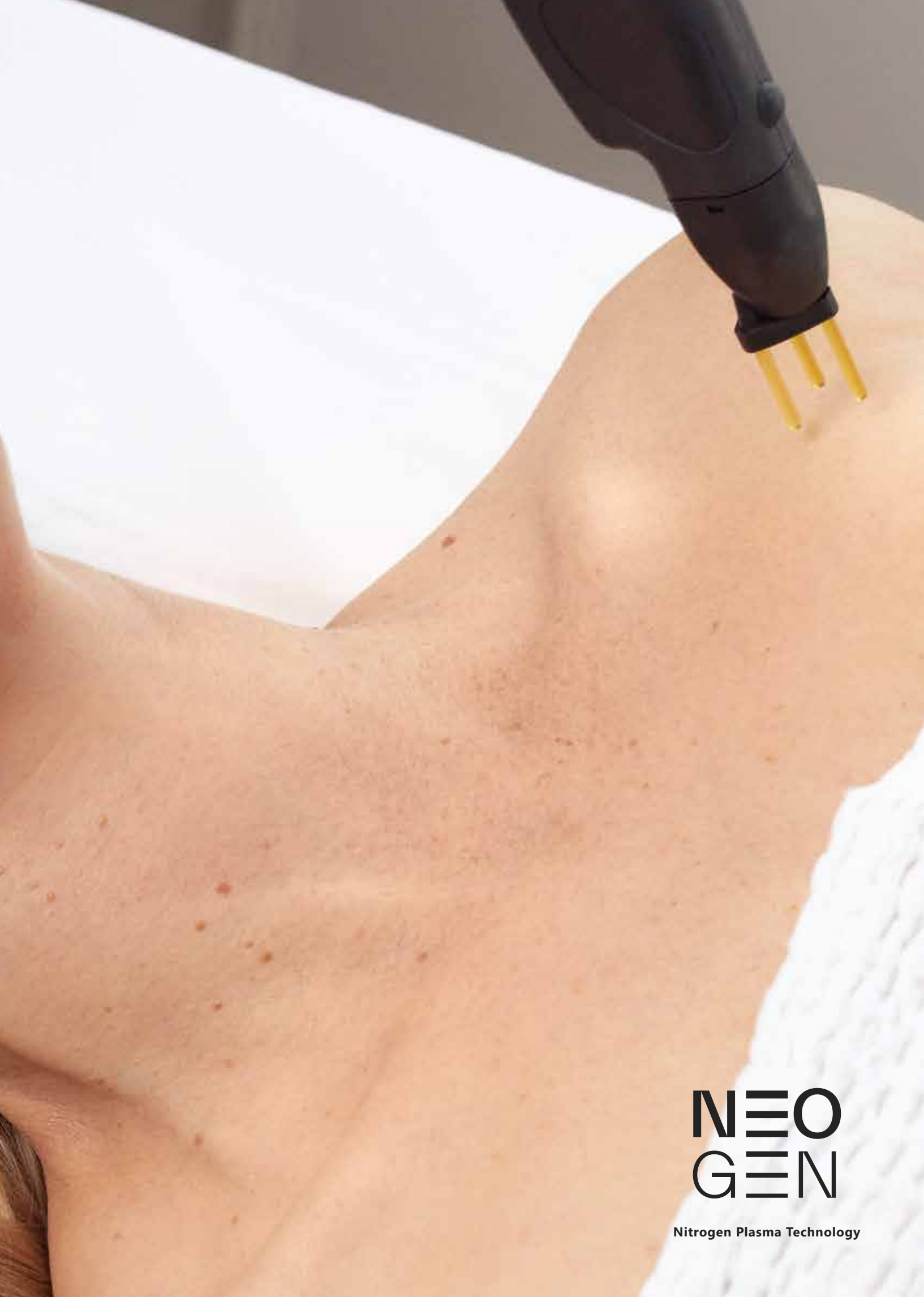
"NeoGen Plasma treats the entire skin architecture and can therefore address multiple concerns simultaneously while improving overall skin quality, tone and texture."

**DR MICHAEL ZACHARIA, COSMETIC SURGEON & ENT SPECIALIST**

**NEO  
GEN**

**Nitrogen Plasma Technology**





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# NEO GEN

## Nitrogen Plasma Technology

### Device Specifications

<b>Pulse Rate:</b>	Single pulse	<b>Device Classification:</b>	Class IIb
<b>Repetition Rate:</b>	1.0-2.5Hz	<b>Energy Range:</b>	0.5 J – 4.0 J
<b>Nozzles:</b>	25mm/5mm	<b>System Weight:</b>	18kg/40lb
<b>Power:</b>	100-120/230Vrms – 50/60Hz – 650Va	<b>Trolley Weight:</b>	25kg/55lb (excludes gas tank)
<b>Dimensions:</b>	470 x 430 x 1060mm	<b>Ambient Environment:</b>	0 to 40 Celsius
<b>Gas Requirement:</b>	Medical/Pharmaceutical/Instrument grade nitrogen	<b>Relative Humidity:</b>	30 to 75%



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