

# Neo<sup>®</sup>Elite

Faster Treatment Times  
Greater Profits  
Premium Patient Experiences



# Excellence in Aesthetic Medical Laser Technology

The Neo Elite is a powerful device that enables practitioners to increase revenues and enhance treatment outcomes for both established laser practices and those new to aesthetic medicine. With our patented LightPod laser system design, Neo simplifies laser ownership by eliminating the need for purchasing multiple lasers or handpieces to treat a range of conditions, while alleviating the treatment limitations, per-treatment consumables, and ongoing maintenance from the previous generation of laser technology.

**Industry Leading Profitability** – one device with a single handpiece treats 36 FDA cleared indications on all skin types allows for maximum revenue generation.

**Ease of Use** – a simplified, reliable system interface and design ensures desired results and patient comfort no matter the laser operator - easy to delegate treatment if possible.

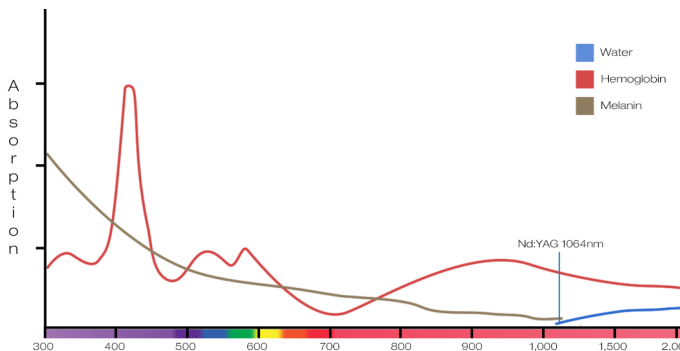
**Predictable, Replicable Clinical Results** – consistently deliver quick, patient pleasing results for aesthetic applications, plus, a new drug-free treatment for medical applications.

**Premier Patient Experience** – non-invasive, no skin contact treatments are comfortable for all skin types and the lack of pain immensely boosts patient satisfaction.

- ✓ Active Acne
- ✓ Rosacea
- ✓ PFB
- ✓ Wrinkle Reduction
- ✓ Melasma
- ✓ Spider Veins
- ✓ Hair Removal
- ✓ Skin Rejuvenation
- ✓ Nails
- ✓ Poikiloderma
- ✓ Angiomas
- ✓ Psoriasis
- ✓ Port Wine Stains
- ✓ Scar Revision
- ✓ Hemangiomas
- ✓ Leg Veins
- ✓ Ulcers
- ✓ Sun & Age Spots
- ✓ Pigmented Lesions
- ✓ Warts

## Unique Parameters for a Unique Wavelength

The enhancement and combination of the Neo's beam profile, wavelength and pulse duration give it the capability to be the most advanced device for aesthetic medicine.

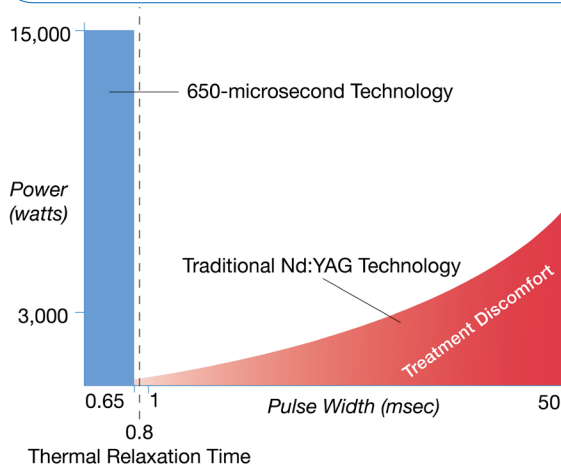
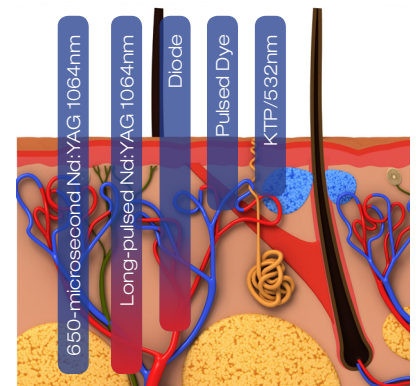


### Unique Versatility

Neo Elite's Nd:YAG 1064nm wavelength is uniquely absorbed by all three chromophores: hemoglobin, melanin and water. Due to lower absorption of melanin, the Neo's 1064nm wavelength is safer for darker skin types and eliminates the need for epidermal cooling. This, combined with high power from the Neo's unique 650-microsecond pulse duration, enables a wide range of treatment options.

### Unmatched Efficacy

Neo Elite's 1064nm wavelength provides the deepest penetration of medical aesthetic lasers enabling practitioners to effectively treat both superficial and deeper indications. With the addition of the 650-microsecond pulse duration, the Neo is able to reach deeper targets more rapidly, which increases efficacy and safety while negating the need for skin cooling. An additional 1.5msec pulse duration enables fluences up to 318 J/cm<sup>2</sup> for clearance of deep leg veins, warts and other cutaneous lesions requiring higher energy.



### Incredible Comfort & Power

Neo Elite delivers high and low fluences between 4 J/cm<sup>2</sup> and 255 J/cm<sup>2</sup> within this single 650-microsecond pulse duration, which is below the 800-microsecond Thermal Relaxation Time of the skin. The short pulse duration avoids thermally over-stressing the skin, which eliminates treatment pain and diminishes the risk of adverse effects commonly seen with the previous generation of long-pulsed lasers. This allows for a premium, uniquely gentle patient experience without compromising treatment efficacy.



# New Possibilities for Skin Health

The Neo Elite's 650-microsecond laser technology redefines the standard of laser treatment for the full range of medical aesthetic applications while opening up new treatment options for previously unmet needs within laser medicine.

## NeoSkin® | Comprehensive Skin Rejuvenation



**Skin Rejuvenation After 4 Tx**  
Photos courtesy of Kevin Pinski, MD

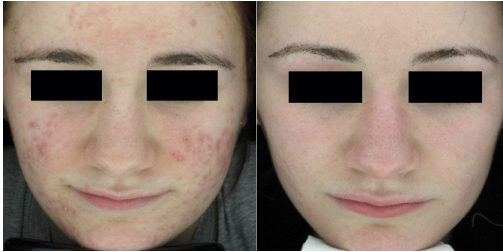


**Chest & Décolleté Rejuvenation After 4 Tx**  
Photos courtesy of Jason Emer, MD



**Neck Tightening Immediately After 1 Tx**  
Photos courtesy of Laila Elkeeb MD

## NeoClear® | Acne Therapy



**Acne 3 Months After 5 Tx**  
Photos courtesy of David Goldberg, MD



**Acne After 6 Tx**  
Photos courtesy of Spade Skin Care

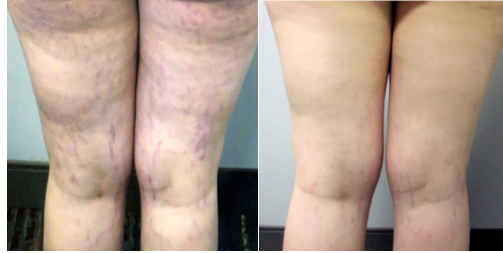


**Acne After 4 Tx**  
Photos courtesy of Kevin Pinski, MD

## Vascular Lesions & Redness



**Facial Veins After 2 Tx**  
Photos courtesy of Ed Zimmerman, MD

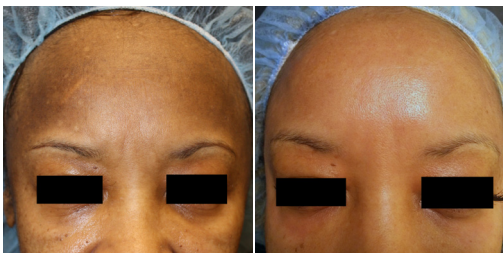


**Leg Veins After 2 Tx**  
Photos courtesy of Catherine Durboraw, MD



**Rosacea After 1 Tx**  
Photos courtesy of Yelena Kipervas, DO

## Skin of Color



**Melasma After 1 Tx with Glycolic Peel**  
Photos courtesy of Cheryl Burgess, MD



**Hair Removal, PFB & PIH After 3 Tx**  
Photos courtesy of Dr. Juliette Hepburn



**Acne & PIH After 3 Tx**  
Photos courtesy of Michelle Henry, MD

## Medical Dermatology



**Psoriasis After 2 Tx**  
Photos courtesy of Mark Nestor, MD



**Scar Revision and PIH After 3 Tx**  
Photos courtesy of Dr. Arusha Campbell-Chambers



**Nails 10 Months After 1 Tx**  
Photos courtesy of Lisa Hochman, MD

# New Possibilities for Skin Health

Since 1996, Aerolase has been leading the clinical research and development for the advancement of medical aesthetic laser technology and its applications. Our corporate name and brands are derived from our patented LightPod laser technology, the air-cooled medical aesthetic laser. The LightPod Neo provides new levels of clinical versatility, practical utility and cost-effectiveness. Aerolase has minimized mass, while maximizing performance and reliability. Like many categories of today's consumer and medical electronics, Aerolase represents a new era in compact, cost-effective performance for all practitioners and aesthetic specialists.

Whether you run a thriving laser practice or are looking to get started with laser medicine, Aerolase lasers can help enhance your business. Learn how your practice and patients can benefit from Aerolase lasers by contacting us today.

## Customer Testimonials



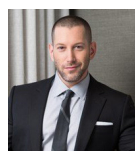
You have to think about the Neo as being different than other Nd:YAG lasers because it is in the microsecond domain and not the millisecond domain. It can easily treat poikiloderma, erythematous scars, hyper-trophic scars, rosacea and telangiectasias. The Neo allows for significant, even dramatic clearance of facial telangiectasias with no adverse effects.

**David Goldberg, MD, Dermatologist; Skin Laser & Surgery Specialists of New York and New Jersey**



The Neo is excellent for the clearance of melasma. I use it is the first step in a "one-two punch" treatment and typically follow up with a chemical peel. The Neo helps to clear dermal pigment and break up epidermal pigment. The second step then addresses remaining epidermal pigment and leaves skin looking brilliant. There is no other treatment like this on the market.

**Cheryl Burgess, MD, Dermatologist; Center for Dermatology & Dermatologic Surgery**



The Neo is a powerhouse laser that can treat multiple areas of the body. The laser rebuilds collagen, minimizes pores, tightens the skin and targets problem areas like pigment, redness, acne or unwanted hair. I love performing skin rejuvenation and even combining Neo with peels, PRP and microneedling within the same treatment due to the lasers unique parameters. My patients love this device and results.

**Jason Emer, MD, Dermatologist; Jason Emer MD Cosmetic Surgery**



My most profitable device at this time is the Aerolase Neo. I have a large acne population for which we use the Neo on 10-15 patients per day to treat acne painlessly, successfully, and drug-free. It can be used for many indications but for us acne is number one. Due to the excellent results and comfortable treatment I retain all my patients, which is unique in the world of dermatology.

**Michael Gold, MD, Dermatologist; Gold Skin Care Center**

## Device Specifications

Laser Type	Nd:YAG, pulsed
Wavelength	1064nm
Fluence Range	Up to 1,274 J/cm <sup>2</sup>
Pulse Width	650-microseconds, 1.5msec
Beam Profile	Up to 10mm
Power Source	115 VAC / 230 VAC, switchable
Internal Laser System Cooling	Air Cooling (patented)
Complete Laser Size	7"x14"x19" (15.2cm x 35.5cm x 48.3cm)
Weight	Approx. 25 lbs. (11 kgs.)

Invisible Laser Radiation. Avoid eye or skin exposure to direct or scattered radiation. Class IV laser product.

# aerolase®

777 Old Saw Mill River Rd.  
Tarrytown, NY 10591 USA

Maximum Pulse Energy	20 J
Pulse Width	0.1 - 50msec
Wavelength	1064nm



MADE IN USA

[aerolase.com](http://aerolase.com) | (914) 345-8300 | Toll Free: 1-877-379-2435 | [information@aerolase.com](mailto:information@aerolase.com)