

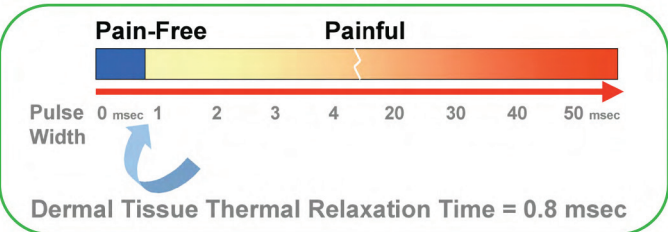
What's New About the Neo?

Only Laser Light Touches the Skin

Air cooling enables placement of the laser light source in the handpiece where its energy is transmitted directly and efficiently to the skin without contact. The LightPod Neo is capable of ultra-high power output of up to 15,000 Watts — creating sufficient fluence for any non-ablative task.

650-Microsecond Technology for Pain-free Performance

Our proprietary technology enables a 650-microsecond pulse duration at all fluences between 4 j/cm² and 255 j/cm². This pulse duration is below the 0.8 msec thermal relaxation time of skin tissue, virtually eliminating any pain associated with laser procedures.



Long laser pulses are sensed as pain on the skin's surface due to overheating the epidermal melanin. The Neo's 650-microsecond pulse is delivered without pain due to innovative pulse engineering and high power capability in 1/30th the time of a typical long-pulse laser.

Unmatched Return on Investment



With a remarkably low acquisition cost, the ability to treat all patients of any skin type for more than 30 FDA cleared applications, no consumable costs, plus, with no warm-up time and a unique portability in a 25 lb. briefcase design for easy transport between treatment rooms or sites, the LightPod Neo equips you with all of the components you need to become highly profitable with only a moderate number of patient visits each month.

The Neo operates without scheduled service, typical with the traditional bulky, water-cooled lasers and, with depot service, the turnaround time for any service event is minimal.

Say goodbye to the bulk, the headache and the costs associated with owning a traditional long-pulsed laser and enjoy a new, highly profitable medical and aesthetic laser practice with the LightPod Neo!

LightPodNeo® SPECIFICATIONS

Laser Type:	Nd:YAG, pulsed
Wavelength	1064 nm
Fluence Range	up to 1,274 J/cm²
Pulsewidth	650-microseconds*, 1.5 msec *pain-free setting
Beam Profile	Up to 12mm
Power Source	115 VAC / 230 VAC, switchable
Internal Laser System Cooling	Air Cooling (patented) Integrated skin cooling not required
Complete Laser Size	7" x 14" x 19" (15.2cm x 35.5 cm x 48.3 cm)
Weight	approx 25 lb (11 kg)

Invisible Laser Radiation. Avoid Eye or Skin Exposure to direct or scattered radiation. Class IV laser product.



Aerolase®
The World's Most Versatile
Medical Aesthetic Laser



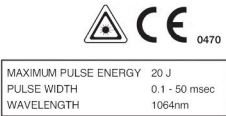
LightPodNeo®

High-power 650-microsecond
1064nm laser

More than 30 FDA cleared indications

Pain-free with no skin cooling,
anesthetics, gels or skin contact

Safe, gentle & effective for all
skin types



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LightPod Neo: A New Laser Platform

Advances in technology tend to make products smaller and more affordable, yet more powerful at the same time. Aerolase has done exactly that in the field of aesthetic lasers. Internally air-cooled LightPod technology utilizes compact, high-power electronics, which replaces the traditional design concept of bulky, stationary water-cooled lasers, eliminating the internal water circulating system (the primary reason for the extreme size and weight of traditional lasers) as well as the fiber optic cables and lightguides – which are common repair trouble-points of this previous generation of lasers. Also, with a single handpiece design, there are no costly consumables such as tips or extra handpieces and comes with an industry leading 1,000,000 pulse warranty.

Unique 650-Microsecond Technology

The breakthrough of 650-microsecond pulse technology enables the production of high and low fluences ranging from 4 j/cm² to 255 j/cm² all within this single 650µsec pulse duration. Through clinical trials and research, Aerolase established this as the optimal pulse duration for enabling LightPod lasers to deliver energy deep into the targeted tissue with minimal absorption by epidermal melanin. This avoids thermal overstressing of the skin, eliminating treatment pain and diminishing the risk of any adverse effects commonly caused by the previous generation of long-pulse lasers. As a result, laser procedures can be performed without needing to cool the skin during treatment, even on skin of color. This, in turn, saves the practitioner a lot of cost, time and mess due to the elimination of cooling gels, sprays and anesthetics.

A New Standard for Safety & Hygiene

Because the Neo does not involve skin cooling or numbing, it avoids the burns that occur with other laser technologies when the patient cannot feel excess heat in the tissue. Also, since the LightPod laser handpiece does not contact the skin during treatment, patients are very pleased with the safe, sanitary and non-invasive treatment. Each LightPod laser is designed with many safety features including a simplified operator interface. This new level of device safety and ease of use will facilitate the practitioner's ability to delegate treatments to other medical professionals without worry.

Unmatched Return on Investment

When you combine the factors of maximum range of treatable patients, a unique safety margin, low acquisition and ongoing operating costs, as well as the fact that LightPod lasers are truly portable for multi-location revenue generation, the Return on Investment with LightPod technology from Aerolase is unmatched in the industry.

More than 30 FDA Cleared Indications

- Aesthetic
 - Permanent hair reduction
 - Pseudofolliculitis Barbae (ingrown hair)
 - Wrinkle reduction with skin tightening
 - Skin rejuvenation
 - Pigmented lesions
 - Scar revision (vascularity & pigmentation)
 - Tattoo reduction (dark colors)
 - Telangiectasias (spider veins)
 - Melasma
 - Acne
- Medical
 - Rosacea
 - Angiomas
 - Nails
 - Decubitus ulcers
 - Psoriasis
 - Warts

Spider Veins & Rosacea:

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

Non-invasive Laser Aesthetics:

Michael Gold, MD "The Neo has become the go-to laser in my practice for vascular and pigmented lesions, PFB and many other treatments."

Skin Rejuvenation:

Lori Schaen, MD "The LightPod Neo delivered excellent results on facial skin rejuvenation and skin tightening in just two treatment sessions."

Hair Removal:

Babar Rao, MD "In a large 298-patient study using the Neo for hair removal on skin types II-IV, 85% were satisfied with the hair clearance."

Skin of Color:

Fran Cook-Bolden, MD "On skin of color, the LightPod Neo has been truly unique in providing high efficacy while being much gentler and safer than other lasers."

Skin Tightening:

Pam Bennett, RN "The Neo does a great job tightening skin on the face, buttocks, under the arms and on breast tissue."

Active Acne:

Khalil Khatri, MD "The LightPod Neo laser is one of the modalities that I use to treat acne. It has been very helpful for many of my patients who want to avoid systemic therapies."

Nail Fungus:

Jeffrey Adler, DPM "We achieved 92.7% clearance of nail fungus in a 192-patient study, after two Neo treatments, as confirmed with pathology."

Dermatosis Papulosa Nigra:

Beverly Johnson, MD "I am using the LightPod Neo to remove DPNs on skin of color - one laser pulse each, and they just dry up and fall off!"

Warts:

Suzanne Sirota-Rozenberg, DO "The Neo is a great laser for wart removal, as well as many other medical dermatologic conditions, in addition to its aesthetic applications."

Pseudofolliculitis Barbae (Ingrown Hairs):

Dr. Juliette Hepburn "My patient said one Neo treatment produced better results on his PFB than five treatments he had previously received with an IPL."

Acne Scars:

Dr. Godfrey Raj-Kumar "My patient of skin type V had profound results on acne scar reduction in just a single session with the LightPod Neo."

A Single Device with Unmatched Versatility in Laser Medicine



Hair Removal



Wrinkle Reduction/Tightening



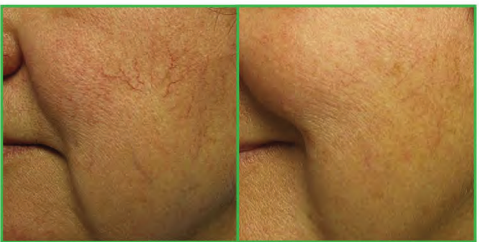
Acne



Pigmented Lesions



Rosacea



Facial Veins



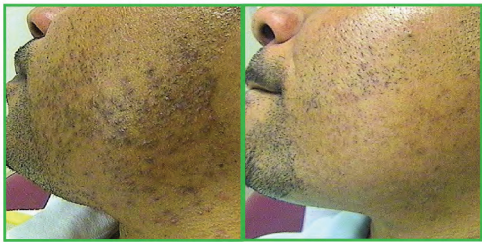
Nails



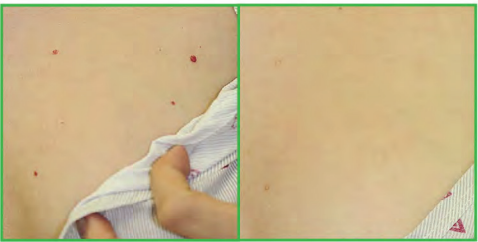
Leg Veins



Melasma



PFB (Ingrown Hairs)



Angiomas



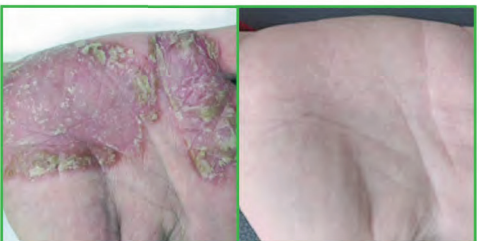
Acne Scars & Rejuvenation



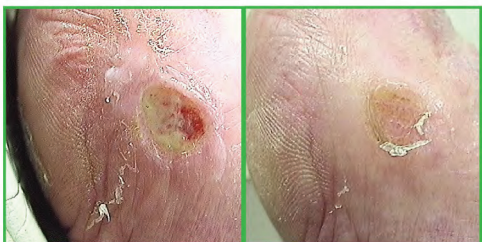
Poikiloderma



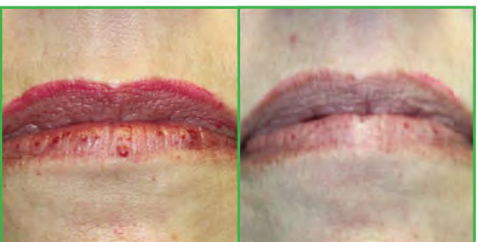
Warts



Psoriasis



Decubitus Ulcers



Venous Lake



Scar Reduction