NEAUVIA

RETHINKING
MEDICAL
AESTHETICS

LASERME

UNLEASH REGENERATIVE SKIN RESURFACING

The science of controlled regeneration

#BeNEAUVIA

In today's aesthetic landscape,

patients want **real results without the downtime**.
Whether it's a busy professional, a parent, or a self-educated Gen Z patient, people want to look refreshed, enhancing their **natural beauty** without sacrificing their lifestyle.

Meanwhile, physicians are facing a rising demand for:

- **Regenerative treatments**
- **Prejuvenation and preventative bio-stimulation**
- **Proven safety across all skin types**

LaserMe is designed to meet these **evolving expectations**, **delivering science-backed**, **patient-centered rejuvenation**.

Targeted regeneration for SKIN QUALITY IMPROVEMENT

FDA* CLEARED

LaserMe[1] is an **FDA-cleared 1470 nm fractional non-ablative laser** creating a powerful **skin resurfacing** effect that enhances overall **skin quality**, **smoothness**, **and radiance.**[2/3]

This groundbreaking medical device delivers high-efficacy results across **scar revision, photoaging, texture improvement, and skin tone correction** with minimal to zero downtime, maximum comfort, and lasting impact.

LaserMe delivers **real, regenerative results across ages, skin tones, and seasons**.

1. LASERME is a IIb class Medical Device regulated health products which bears, under this regulation MDD 93/42, the CE mark. Manufacturer: B&K, Domaniewska 37, Warsaw, Poland. Please carefully read the instructions in the leaflets. The use of this product requires the intervention of a healthcare professional.
*FDA clearance for treatment of benign pigmented lesions, such as, but not limited to lentigines (age spots), solar lentigos (sun spots), melasma, dyschromia, and for treatment of facial wrinkles and fine lines.
2. Polder, Kristel D. MD*; Friedman, Paul M. MD†; Feetham, Jill MD‡; Gower, Jessica PhD§; Lin, Tina PharmDǁ,; Jacobson, Abby MS, PA-C. Nonablative Fractional Diode Laser Resurfacing (1440 nm and 1927 nm) for Photoaged Skin. Dermatologic Surgery 51(1):p 52-57, January 2025. | DOI: 10.1097/DSS.0000000000004379
3. Naranjo P, Llamas M, Ifrach H, Andrino R. Visible and Quantifiable Improvement in Skin Roughness and Texture Using a High Power Non-ablative 1540-nm Fractional Erbium: Glass Laser. J Clin Aesthet Dermatol. 2022 Oct;15(10):32-35. PMID: 36312824; PMCID: PMC9586531.

The SCIENCE *of* CONTROLLED *Regeneration*

Mechanism of Action:

LaserMe uses a 1470 nm diode laser wavelength to generate precisely distributed Microthermal Zones (MTZs) at controlled dermal depths - epidermal-dermal junction - inducing natural healing response, epidermal regeneration, neocollagenesis and dermal remodeling. This selective action ensures effective treatment without affecting the epidermis, leveraging patients experience.[4/5/6/7]

- **Laser wavelength 1470 nm** - Optimal for skin imperfections targeting
- **Photorejuvenation effects** - Physiological regeneration after fractional skin damage
- **Non-ablative fractional delivery** - Promoting dermal remodeling without epidermal injury, reducing downtime
- **Predictable and repeatable regeneration pattern:** Uniform energy distribution and adaptive MTZ spacing for safer treatments on all skin types.
- **Innovation & maximized safety** Portable and lightweight device, micronized technology & touch sensor

4. Kubik P, Gruszczyński W, Łukasik B. Assessment of Safety and Mechanisms of Action of the 1470 nm LaserMe Device. Clin Case Rep Int. 2024; 8: 1683.
5. Kubik, P.; Bighetti, S.; Bettolini, L.; Gruszczyński, W.; Łukasik, B.; Guida, S.; Stabile, G.; Paolino, G.; Murillo Herrera, E.M.; Carugno, A.; et al. The Effectiveness and Safety of 1470 nm Non-Ablative Laser Therapy for the Treatment of Striae Distensae: A Pilot Study. Cosmetics 2025, 12, 148. https://doi.org/10.3390/cosmetics12040148
6. Moravvej, Hamideh & Barikbin, Behrooz & Ghavam, Seyed & Karimi, Soheil. (2009). Nonablative Fractional Laser Resurfacing. Dermatologic Clinics - DERMATOL CLIN. 27.
7. Jasna Lipozenčić, Zrinka Bukvić Mokos, Will nonablative rejuvenation replace ablative lasers? Facts and controversies, Clinics in Dermatology, Volume 31, Issue 6, 2013, Pages 718-724, ISSN 0738-081X, https://doi.org/10.1016/j.clindermatol.2013.05.008.

What happens BENEATH *the* SKIN

Histological analyses consistently reveals that LaserMe induces **controlled, localized thermal injury while preserving epidermal integrity,** activating **endogenous regenerative pathways** with minimal surface disruption.[8]

1 Epidermis: Structural integrity preserved

The laser passes through the epidermis with preserved structural integrity. The stratum corneum, granular layer, and most of the spinous layer - maintain their structural integrity. Keratinocytes show no significant damage, preserving the skin's essential barrier function.

Regeneration occurs rapidly: within three days the stratum spinosum above the original damage is fully restored, and by day ten both the stratum granulosum and stratum corneum are completely renewed.

2 Epidermal-Dermal Junction: Localized micro-disruption

At the dermal–epidermal junction, precise micro-separations occur, likely mediated by localized disruption of desmosomal or basement membrane components.
This controlled injury initiates rapid repair through cell migration from the adjacent, undamaged regions of the epidermis.

7. Jasna Lipozenčić, Zrinka Bukvić Mokos, Will nonablative rejuvenation replace ablative lasers? Facts and controversies, Clinics in Dermatology, Volume 31, Issue 6, 2013, Pages 718-724, ISSN 0738-081X, https://doi.org/10.1016/j.clindermatol.2013.05.008.
8. Data on file.
9. Kubik P, Bighetti S, Bettolini L, Gruszczyński W, Łukasik B, Guida S, Stabile G, Murillo Herrera EM, Carugno A, D'Este E, Zerbinati N. Effectiveness and Safety of the Use of 1470 nm Laser Therapy in Patients Suffering From Acne Scarring of the Facial Skin. https://doi.org/10.2147/CCID.S510208
Clin Cosmet Investig Dermatol. 2025;18:543-551.

3 Papillary Dermis: Controlled thermal coagulation

Within the superficial dermis, precise microthermal columns form while sparing adjacent tissue. These controlled thermal effects lead to increased collagen fiber density, reflecting active neocollagenesis and progressive dermal matrix remodeling.[7/9]

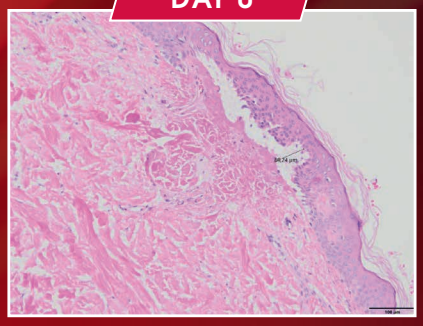
4 Healing & Remodeling: Regeneration for renewal

Over the following days, damaged layers are progressively extruded to the surface and shed. Simultaneously, thermal columns fades with time while new collagen is synthetized, leading to improved dermal density and skin quality.

LASERME

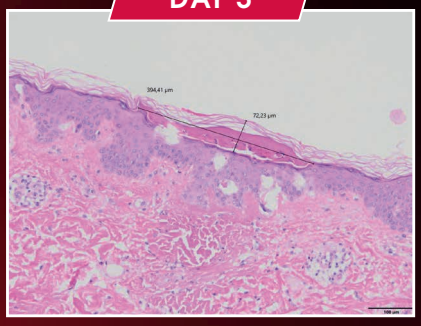
Controlled Regeneration - SCIENTIFIC PROOF

DAY 0



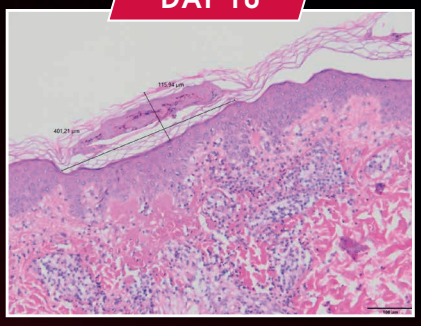
Damage at the level of dermal-epidermal junction with creating the fractional column

DAY 3

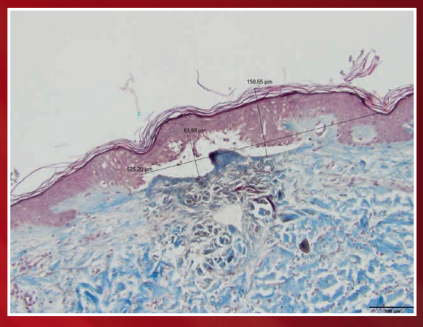


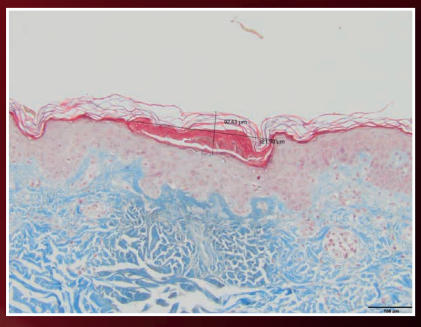
Regeneration of deep epidermis

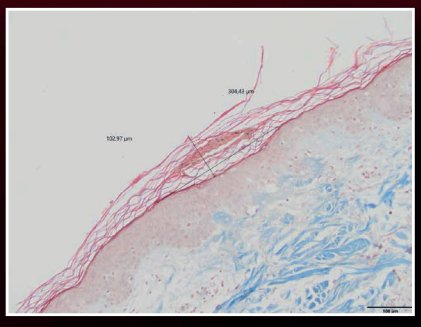
DAY 10



Complete regeneration of all epidermis, exfoliation of damage site remains, blurring of the fractional column with inflammatory reaction







Kubik P, Gruszczyński W, Łukasik B. Assessment of Safety and Mechanisms of Action of the 1470 nm LaserMe Device. Clin Case Rep Int. 2024; 8: 1683.

Clinically validated indications

LaserMe is effective for:

- **Acne scars**
- **Fine lines** and **texture irregularities**
- **Enlarged pores**
- **Stretch marks** (striae distensae)
- **Surgical** and **post-traumatic scars**
- **Pigmented lesions**

A precision APPROACH *to Acne Scar* REMODELING

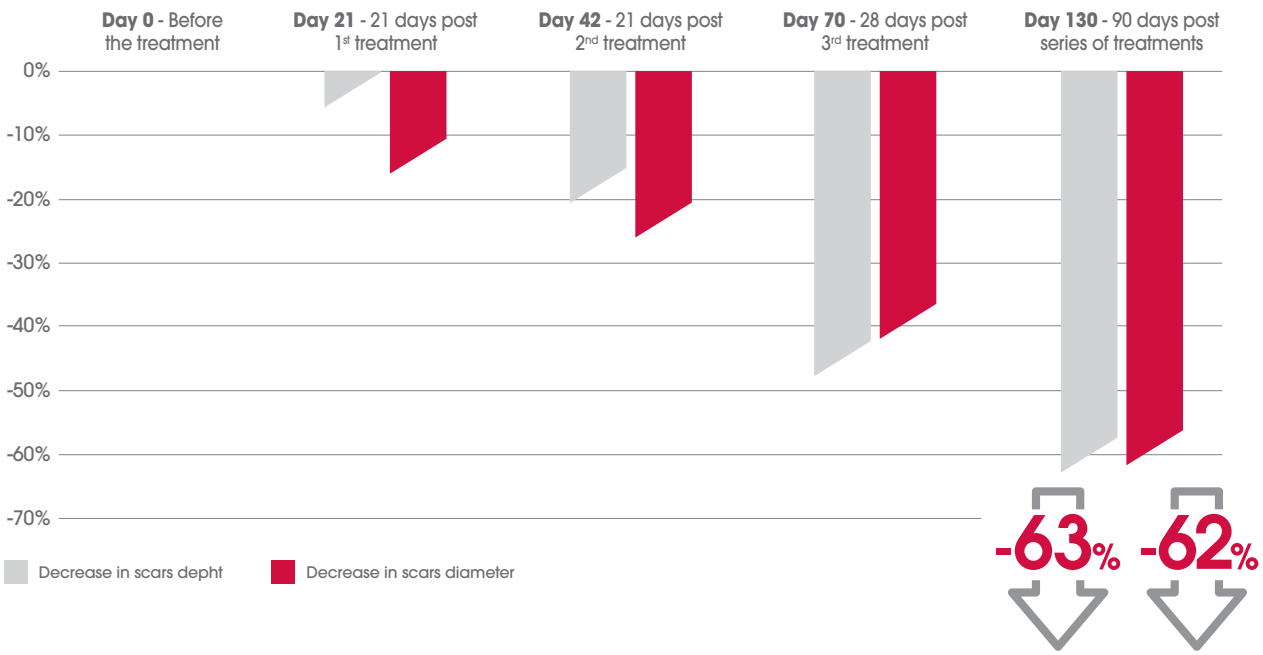
Acne scars are a lasting reminder for many patients, often affecting not only skin quality but also confidence.

Clinical results show that three sessions of **1470 nm** fractional non-ablative **LaserMe reduced acne scar diameter and depth by 45% after 28 days**, with **improvements continuing to over 60% by 90 days**, reflecting ongoing **dermal remodeling**.[9]

LaserMe precisely created microthermal zones, **customized in depth and fluence, spacing and treatment window**. Fluence modulation plays a critical role as it may stimulate neocollagenesis for atrophic scars and remodel collagen bundles in hypertrophic scars.

The result?

Operator-tailored scar improvement with smoother, more even skin.



9. Kubik P, Bighetti S, Bettolini L, Gruszczyński W, Łukasik B, Guida S, Stabile G, Murillo Herrera EM, Carugno A, D'Este E, Zerbinati N. Effectiveness and Safety of the Use of 1470 nm Laser Therapy in Patients Suffering From Acne Scarring of the Facial Skin. Clin Cosmet Investig Dermatol. 2025;18:543-551 https://doi.org/10.2147/CCID.S510208.

ACNE SCARS / 2 TREATMENTS

Images courtesy of **Dr Lara Quidute**, *Brazil*

30 days after one session

After 2 sessions

ACNE SCARS / 3 TREATMENTS

Images courtesy of **Dr Marianne Morgan**, *Brazil*

ACNE SCARS / 2 TREATMENTS

Images courtesy of **Dr TATYANA BRAGA**, *Brazil*

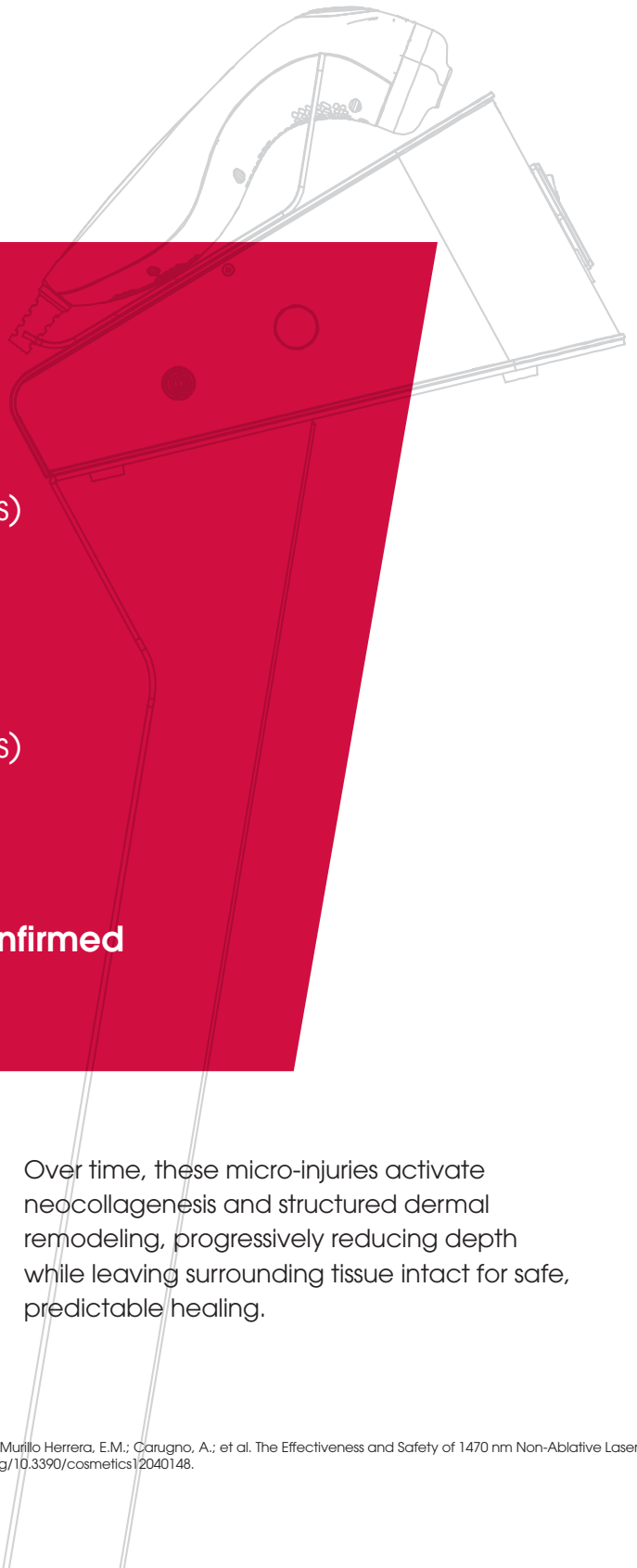
ACNE SCARS / 2 TREATMENTS

1st Hydro Deluxe & 2nd LaserMe

Images courtesy of **Dr Dissapong Panithaporn**, Thailand

Smooth the STORY *of your* PATIENT'S SKIN

Stretch marks (striae distensae) remain one of the most persistent aesthetic challenges. In a recent clinical study,[10] just three LaserMe sessions delivered results that continued to improve for months:



-47%
reduction in striae depth
(90 days after the end of 3 treatments)

-33%
stretch marks width
(90 days after the end of 3 treatments)

95%
of both physicians and of **patients confirmed noticeable texture refinement**

The mechanism is simple yet powerful: controlled micro-columns of thermal energy stimulate neocollagenesis.

The 1470 nm fractional non-ablative laser creates precise micro-zones of thermal stimulation in the dermis, triggering regenerative response.

Over time, these micro-injuries activate neocollagenesis and structured dermal remodeling, progressively reducing depth while leaving surrounding tissue intact for safe, predictable healing.

10. Kubik, P.; Bighetti, S.; Bettolini, L.; Gruszczyński, W.; Łukasik, B.; Guida, S.; Stabile, G.; Paolino, G.; Murillo Herrera, E.M.; Carugno, A.; et al. The Effectiveness and Safety of 1470 nm Non-Ablative Laser Therapy for the Treatment of Striae Distensae: A Pilot Study. Cosmetics 2025, 12, 148. https://doi.org/10.3390/cosmetics12040148.

STRETCH MARKS / 2 TREATMENTS / Images courtesy of **Dr Pawel Kubik**, *Poland*

baseline vs. **Day 118**

Clinical acquisitions of a representative patient before and after 1470 nm non-ablative fractional laser treatment, showing noticeable improvement in striae distensae appearance (baseline vs. Day 118).

STRETCH MARKS / 2 TREATMENTS / Images courtesy of **Dr Bárbara Saavedra**, *Brazil*

REGENERATIVE *technology* *for most common* SKIN CONCERS

Why LaserMe acts on pigmentation?
Thanks to targeted natural regeneration.

As hypothesized by Dr. Kubik,[11] while the **1470 nm** wavelength primarily **targets water**, its controlled thermal effects initiate dermal remodeling and accelerate epidermal turnover, promoting the **gradual clearance of pigmented keratinocytes and excess melanin**.

This regenerative cascade **improves overall skin tone and texture**, visibly reducing superficial dyschromia.[12] Dr Kubik further suggests that, controlled fractional thermal injury may **induce mild modulation of melanocyte activity**, helping to **normalize pigment production** and potentially "reset" overactive melanocytes, offering a physiological, non-ablative approach to pigmentation management.

11. Data on file.
12. Trivedi MK, Yang FC, Cho BK. A review of laser and light therapy in melasma. Int J Womens Dermatol. 2017 Mar 21;3(1):11-20. doi: 10.1016/j.ijwd.2017.01.004. PMID: 28492049; PMCID: PMC5418955.

MELASMA / 2 TREATMENTS

Images courtesy of **Neauvia Team**

MELASMA / 3 TREATMENTS

Images courtesy of **Dr Danielle Menezes**, *Brazil*

MELASMA / 3 TREATMENTS

Images courtesy of **Dr Patrícia Rocha**, *Brazil*

MELASMA / 3 TREATMENTS

Images courtesy of **Dr Maiana Volù**, *Brazil*

Unlock synergy. Maximize results

LaserMe is made for Combination

LaserMe delivers stand-alone **regenerative power** but when combined with injectables or other devices, it **amplifies outcomes**, creating **multi-layered, patient-tailored rejuvenation**. Its precise fractional action **enhances skin quality**, providing the ideal foundation for integrated treatment protocols.

NEAUVIA *portfolio is made for* **COMBINATION**

Fillers

Devices

Cosmeceuticals

- Maximize the potential of PEG-HA fillers with **thermodynamic stability**, non crosslinked HA, infrared technology, and cosmeceuticals by **combining them!**
- Activate **skin bio-regeneration** with our multi-level combined protocols to reach amplified results.

ScanMe to read the publications

GO ONE STEP FURTHER
AND PROVIDE YOUR PATIENTS WITH EVEN BETTER RESULTS.

Remarkable results with MULTI-LEVEL protocol

1 TREATMENT / Stimulate & Zaffiro & C-shot & Ceramide Shield

Images courtesy
of **Dr Forjaz**, *Portugal*

2 TREATMENTS / 1st Hydro Deluxe & 2nd Zaffiro, LaserMe, Instant Recovery Mask, C-shot, Ceramide Shield

Images courtesy
of **Dr Izumrud Ramazanova Kurbankadieva**, *Spain*

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