POTENZA®

PRECISION-DRIVEN RF MICRONEEDLING

Empowering clinicians with unparalleled control to deliver predictable, comfortable, and transformative outcomes across a wide range of dermatological procedures.



WHAT IS RF MICRONEEDLING?

The New Standard in Aesthetic Excellence

RF Microneedling has become the cornerstone of the modern aesthetic clinic. As K-Beauty trends continue to dominate globally, patients are demanding more than just "standard" treatments: they want the "Glass Skin" effect, regenerative medicine integration, and rapid recovery.

Potenza is more than a device; it's a clinical ecosystem. It allows you to stay ahead of the competition by offering the most customisable RF microneedling technology available today, combining mechanical and RF-induced thermal stimulation to trigger controlled dermal remodelling, so you can give your patients the results they expect.

> By delivering RF energy through microneedles directly into the dermis, Potenza provides precise thermal coagulation to the dermal layers, resulting in predictable dermal regeneration with minimal downtime and visible skin quality improvement.

Practitioners globally utilise the principles of RF microneedling to address [1,2,3,4,5,6]:

- Structural remodelling
- Textural refinement
- Vascular and pigmentary support
- Dermal rejuvenation

WHY POTENZA? The 4 Pillars of Performance

1 Tailored Tissue Effects:

Unlike single-mode devices, Potenza offers Monopolar and Bipolar modes at 1MHz and 2MHz. From deep volumetric heating to superficial resurfacing, you control the energy depth and spread, as well as the needle speed.

2 Next-Gen Drug Delivery:

Our unique Pumping Tip transforms the device into a high-performance delivery system, forcing polynucleotides, exosomes, HAs, and a wide range of topicals deep into the dermis with 67% deeper topical penetration.

3 Maximum Safety & Predictability:

Featuring Real-Time Impedance Monitoring, Potenza continuously measures skin resistance and automatically adjusts energy delivery to maintain consistent treatment performance regardless of skin hydration levels – helping achieve optimal thermal coagulation within the tissue, a level of control not typically available with conventional RF microneedling systems.

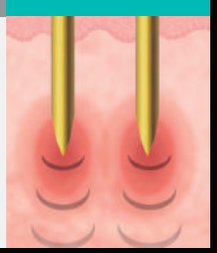
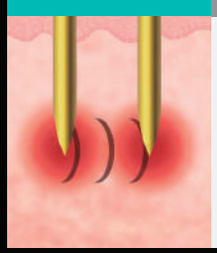
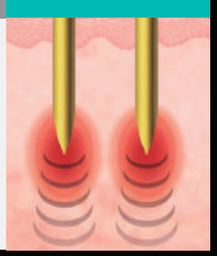
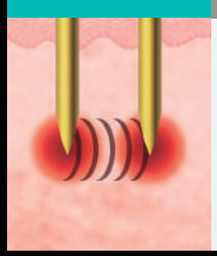
4 Commercial Scalability:

With fast treatment times, the ability to treat **all Fitzpatrick skin types,** and the versatility to perform treatments in **all seasons, even summer.** Potenza is engineered for **high-volume clinic throughput and maximum ROI.**

Proven by Millions: 3+ million treatments performed worldwide. Backed by Jeisys 20+ years of dermatological innovation. FDA cleared, CE marked, Health Canada approved, ANVISA registered, TGA listed, and KFDA approved.

TAILOR THE THERMAL FOOTPRINT TO THE DERMATOLOGICAL APPLICATION

Unlike many RF microneedling systems that offer only a single energy mode, Potenza enables clinicians to customise frequency, polarity, and depth for precise tissue targeting. Its dual RF generator ensures stable energy delivery while minimising electrical interference.

	Depth & Delivery	Monopolar	Bipolar	Depth & Delivery
1 MHz	Deep, volumetric bulk heating.			Broad, superficial dermal heating.
2 MHz	Focused deep heating; high-impact coagulation.			Precise, superficial energy delivery.

REAL-WORLD RESULTS

Potenza provides a highly adaptable platform for electrocoagulation and hemostasis, supported by extensive clinical research and real-world practitioner experience.

The system's adjustable parameters allow for precise thermal delivery across a wide range of dermatological applications.

By modulating the depth and intensity of thermal delivery, practitioners can use RF microneedling to precisely target the tissue remodelling pathways essential for addressing common dermatological concerns – ranging from structural laxity, fine lines, and wrinkles to the complex textural demands of acne scars, stretch marks, and enlarged pores, as well as the vascular and pigmentary components seen in active acne, rosacea, and melasma. [1,2,3,4,5,6]

Maximum Versatility in One Platform

Potenza's tips are the "software" that drives your results. With 14 distinct options and customisable settings, you can treat multiple dermatological concerns using a single device.

A. The Unique Pumping Tips

Needle arrays: **16** **21** 25



MECHANISM

Patented dual-air chamber design creates a pressure drop as needles retract, pushing topicals **67% deeper into micro-channels.**

COMMERCIAL ADVANTAGE

The Pumping Tip enables clinics to offer **combined regenerative protocols, increasing treatment value and revenue per patient.**

APPLICATIONS

- Polynucleotides, Exosomes, Hyaluronic acid, PRP, Growth factors, and more.

DEPTH

Adjustable from **0.5mm – 2.5mm.**

B. Semi-Insulated Tips

Needle arrays: **16** 25 **49**



RF energy is emitted from two points on the needle, treating **both superficial and deep dermis simultaneously.**

BENEFITS:

- **Wider** treatment **coverage**
- Greater **efficiency**
- Up to **50% shorter treatment time** vs competitors

DEPTH

0.5mm – 4.0mm adjustable depth.

C. Insulated Tips

Needle arrays: **16** 25 **49**



Classic RF microneedling configuration with **epidermal protection.**

FEATURES:

- Parylene-coated needles
- **Energy delivered only at the needle tip**
- Safe across all Fitzpatrick skin types

DEPTH

0.5mm – 4.0mm adjustable depth.

D. Single-Needle Handpieces

Needle arrays: **0.8mm** **1.2mm** **1.5mm**



Targeted high intensity Monopolar energy delivered via a single insulated needle, designed for **surgical accuracy.**

Ideal for treatment of *acne vulgaris.*

E. Non-Invasive Tips (DDR & SFA)

DDR
(DEEP DERMAL REJUVENATION):



Engineered for non-invasive dermatological procedures, utilising controlled electrocoagulation to provide **targeted thermal delivery to the deep dermis** without needles.

- Bipolar
- 2 MHz frequency
- Multi-pulse energy delivery
- Depth: up to 2.5mm
- Electrodes: 36 (6×6 array)

SFA
(SUPERFICIAL FRACTIONAL ABLATION):

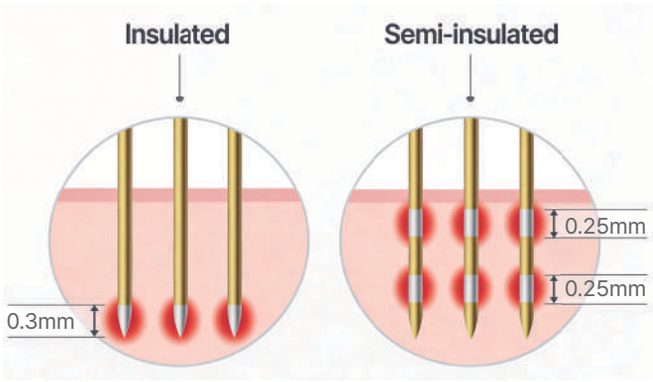


A non-invasive micro-electrode tip designed for **superficial fractional electrocoagulation** and **epidermal remodelling** during dermatological procedures.

- Bipolar
- 2 MHz frequency
- Fractional energy delivery
- Electrodes: 192 (24×8 array)
- Available in full-face and half-area tips
- Ablation depth 199.7um, width 192.1um

THE MAGIC BEHIND THE MICRONEEDLES

Insulated
vs
Semi-insulated



NEEDLE DENSITY EXPLAINED

The number of needles influences energy distribution and treatment depth:

16 NEEDLES
- Deeper penetration
- Stronger coagulation

25 NEEDLES
- Balanced dermal treatment

49 NEEDLES
- More superficial energy with wider coverage

This flexibility allows clinicians to precisely tailor treatment intensity and depth.

Up to 60% improvement in texture, wrinkles and laxity after 1–3 sessions

White paper – Dr Christine Dierickx – Dermatologist, Luxemburg

91% RealSelf "Worth It" rating

Potenza RealSelf rating, Jan 2026

67% deeper topical penetration with the Pumping Tip

Published studies: Advances in Cosmetic Surgery, Journal of Clinical & Aesthetic Dermatology





Images courtesy of Dr Sarah Bonnaire, Aesthetic Doctor, France. Actual patients, individual results may vary.

Why Clinicians Choose Potenza

Dr Férial Fanian
Dermatologist, France

"Potenza is the machine of the experts. It is a superior drug delivery system that allows me to tackle challenging indications like scars and stretch marks with total confidence".

Dr Iñigo de Felipe
Dermatologist, Spain & UK

"Number one for versatility and safety. It is the perfect partner for regenerative medicine, from exosomes to polynucleotides. Safe, powerful and affordable".

POTENZA® healthXchange

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Potenza® is a registered trademark of Jeisys Medical. CE-marked device intended for use in dermatologic and electronic surgical procedures for electrocoagulation and hemostasis.

1 Malarz D, Czyżewski Ł and Olczak-Kowalczyk D (2025) Microneedle radiofrequency for skin rejuvenation: bridging image-derived metrics and photographic assessment. Front. Med. 12:1710949. doi: 10.3389/fmed.2025.1710949
2 Byun KA, Kim HM, Oh S, Son KH, Byun K. Radiofrequency Irradiation Attenuated UVB-Induced Skin Pigmentation by Modulating ATP Release and CD39 Expression. Int J Mol Sci. 2023 Mar 14;24(6):5506. doi: 10.3390/ijms24065506. PMID: 36982581; PMCID: PMC10052073.
3 Son M, Park J, Oh S, Choi J, Shim M, Kang D, Byun K. Radiofrequency irradiation attenuates angiogenesis and inflammation in UVB-induced rosacea in mouse skin. Exp Dermatol. 2020 Jul;29(7):659-666. doi: 10.1111/exd.14115. Epub 2020 Jul 9. PMID: 32434270.
4 Tan, Marcus & Jo, Christine & Chapas, Anne & Khetarpal, Shilpi & Dover, Jeffrey. (2021). Radiofrequency Microneedling: A Comprehensive and Critical Review. Dermatologic Surgery. 47. 755-761. 10.1097/DSS.0000000000002972.
5 Oh S, Rho NK, Byun KA, Yang JY, Sun HJ, Jang M, Kang D, Son KH, Byun K. Combined Treatment of Monopolar and Bipolar Radiofrequency Increases Skin Elasticity by Decreasing the Accumulation of Advanced Glycated End Products in Aged Animal Skin. Int J Mol Sci. 2022 Mar 10;23(6):2993. doi: 10.3390/ijms23062993. PMID: 35328415; PMCID: PMC8950306.
6 Niaz G, Ajeebi Y, Alshamrani HM, Khalmurad M, Lee K. Fractional Radiofrequency Microneedling as a Monotherapy in Acne Scar Management: A Systematic Review of Current Evidence. Clin Cosmet Investig Dermatol. 2025 Jan 3;18:19-29. doi: 10.2147/CCID.S502295. PMID: 39781098; PMCID: PMC11706011.

CLINICAL STUDIES



Radiofrequency Irradiation Attenuates High-Mobility Group Box 1 and Toll-like Receptor Activation in Ultraviolet B–Induced Skin Inflammation



Attenuation Effect of Radiofrequency Irradiation on UV-B-Induced Skin Pigmentation by Decreasing Melanin Synthesis and through Upregulation of Heat Shock Protein 70



Evaluating Whether Radiofrequency Irradiation Attenuated UV-B-Induced Skin Pigmentation by Increasing Melanosomal Autophagy and Decreasing Melanin Synthesis



Radiofrequency Irradiation Attenuated UVB-Induced Skin Pigmentation by Modulating ATP Release and CD39 Expression



Radiofrequency Irradiation Mitigated UV-B-Induced Skin Pigmentation by Increasing Lymphangiogenesis



Radiofrequency irradiation attenuates angiogenesis and inflammation in UVB-induced rosacea in mouse skin



Radiofrequency Irradiation Modulates TRPV1-Related Burning Sensation in Rosacea



Combined Treatment of Monopolar and Bipolar Radiofrequency Increases Skin Elasticity by Decreasing the Accumulation of Advanced Glycated End Products in Aged Animal Skin



Clinical Experience of Acne Scar Treatment Using Drug Delivery with Fractional RF Microneedling System and Poly-L-Lactic Acid (PLLA)



Clinical Experience in Erythema and Rejuvenation treatment using Fractional Radiofrequency Microneedling, POTENZA with S-Tip



Dermoscopic finding of vascular lesion after various conditioned pulsed needle radiofrequency irradiation



Hair Loss Treatment Using Fractional Needle RF

Clinical studies available upon request. Please contact your BDM for more information.

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