



INFINI

– the next level of RF rejuvenation



INFINI USES INSULATED GOLD-COATED MICRONEEDLES TO DELIVER CONCENTRATED AND CONTROLLED RADIOFREQUENCY ENERGY TO THE DERMIS IN SKIN REJUVENATION. WORDS BY CAITLIN BISHOP.

In a 2012 cross-institutional study of 499 participants¹, the INFINI system resulted in noticeable improvements in all patients – across Fitzpatrick skin types I to V – in the improvement of photoaged skin, especially the removal of wrinkles.

All study centres – in Italy, India, Korea, Poland and Turkey – found results continued to improve following the final session, and patients were impressed with the comparative minimal downtime associated with INFINI treatment.

Since the INFINI landed in Australia, manufactured by Lutronic and distributed by Advanced Cosmeceuticals, these results have been reproduced in arguably one of the most photo-aged countries around the world.

“The best results are seen in patients between the ages of 35-50 who have a reasonable amount of

laxity around the jaws, brows and cheek area. It can also be used on those who have heavy pores in their cheeks, or patients who have old acne scarring,” explains Sydney plastic surgeon Dr Darryl Hodgkinson. “INFINI has added a powerful tool to my practice. It acts to delay facelift procedures, or maintain surgical results. It can also be used to treat acne scarring and offers something additional to my patients, other than my more invasive procedures such as laser, resurfacing and dermabrasion.”

Radiofrequency technology in cosmetic medicine is not new. Significant results are possible using traditional RF technology where the skin is exposed to targeted monopolar or bipolar RF energy. However, these treatments are often associated with inconsistent results that vary between skin impedance

and certain treatment areas. This is because, using traditional RF, it is difficult to target chromophores selectively and can be tricky to modulate thermal damage.

“Prior to me beginning to use INFINI over one year ago, I had extensive experience with radiofrequency rejuvenation using other systems,” Dr Hodgkinson explains. “I was not disillusioned with the technology, although the results were always modest – it gave some tightening of skin in the 35-45 age group. After hearing a presentation on INFINI at the ICAPS meeting in Vienna, I became convinced that the RF delivery system used by Infini would give more consistent results and extend the indications up to a 50 year old age group.”

INFINI is certainly no traditional RF system. It uses insulated gold-coated microneedles to deliver radiofrequency energy to specific depths within the skin. This makes the treatment customisable, to each patient’s skin type and concern, and “layerable” as the needles can be adjusted to shallower depths with subsequent passes of the skin.

“INFINI’s fine gold needles

cause minimal epidermal damage for greater patient comfort and minimal downtime, they also ensure controlled consistent delivery of the RF at varying depths and strengths,” explains Sydney cosmetic laser specialist at Skin Renu Dr Flora Galoustian. “INFINI’s range of depth is ideal for delivering RF to the dermis.”

Similarly, Queensland cosmetic doctor Dr Georgina Konrat explains rejuvenation results can be compounded with INFINI’s microneedling technology. “The gold plated needles provide wrinkle and scar reduction, as well as encourage skin tightening,” she explains. “Complete control over treatment depth and energy levels enables a multi-layered targeted approach for truly customised treatments, regardless of patient’s skin type or tanned skin.”

INFINI has been shown to achieve optimal tissue warming for rejuvenation – between 60 and 85 degrees Celsius – up to 3.5mm deep in the skin. This triggers neocollagenesis alongside deep and controlled tissue coagulation, for a 3-D volumisation and wrinkle reduction.

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PRODUCTS & SERVICES

"INFINI is suitable for treating anti-ageing concerns such as skin laxity, fine lines, skin texture, acne scarring and enlarged pores," Dr Galoustian explains. "We also use it on anyone over the age of 40 as a preventative treatment to boost collagen and maintain the skin fresh and youthful."

The controlled and targeted thermal damage it delivers means INFINI treatment is suitable for patients of all skin types. However, those patients with excessive skin laxity are unlikely to benefit noticeably from the procedure, and there are certain contraindications, as described by Dr Galoustian. "Contraindications include diabetics, pacemakers, patients on immunosuppressants and patients on blood thinning medication."

THE BUSINESS SIDE OF THINGS

According to Dr Hodgkinson, treatment with INFINI calls for injected anaesthetic blocks. This

means the procedure cannot be performed by beauty therapists or nurses. Despite this, Dr Hodgkinson describes the INFINI has signified a positive investment in his clinic.

"The cost of the equipment is in the range of \$50,000 to \$60,000 and within one year we have been able to recoup our initial investment. Generally speaking we do three treatments for each patient, increasing the dosage at each treatment and leaving four to six between procedures."

There is also passive income associated, and Dr Galoustian explains INFINI can help boost patient loyalty and treatment adherence.

"The passive income associated with INFINI includes post-treatment care products and recommended skincare to maintain the improved skin condition," she says. "There is also a high rate of patient conversion – patients who come in for INFINI often become interested in other treatment modalities as their confidence in the clinic grows."

"As for INFINI itself, patients

always return for a full course of treatments, as they see immediate results that will only improve with time," Dr Galoustian adds. "INFINI patients are seeing skin tightening, removal of fine lines, smoothing of the skin, improved texture, and a significant improvement in deeper static lines and the skin's radiance. They are receiving positive comments from partners and friends, and are happy about the minimal down time associated," she concludes. **AMP**

1. Calderhead, R. G., Goo, B. L., Lauro, F., Gursoy, D., Savant, S. S. & Wronski, A. (2013). *The Clinical Efficacy and Safety of Microneedling Fractional Radiofrequency in the Treatment of Facial Wrinkles: A Multicenter Study with the INFINI System in 499 Patients*. Lutronic Corp.

For more information visit www.advancedcosmeceuticals.com.au or call 1800 242 011



BEFORE AFTER acne treatment with Infini. Courtesy of Lutronic.



BEFORE AFTER acne scar treatment with Infini. Courtesy of S. Savant, MD, India



BEFORE AFTER scar revision with Infini. Courtesy of Devrim Gursoy, MD, Turkey



BEFORE AFTER skin laxity treatment with Infini. Courtesy of Devrim Gursoy, MD, Turkey



INFINI™

2-IN-1 Fractional RF



A NEW DIMENSION IN RF

The INFINI's 2-in-1 fractional RF technology was created with both physician and patient in mind, with easy to perform procedures and effective outcomes, your practice will thrive and so will your patients.

- Unique technology, amazing results
- Effective RF Delivery through 2 hand pieces
 - MFR delivers 3-dimensional energy for maximized results
 - SFR's dual channel combines micro-ablation with a deep thermal effect

SKIN LAXITY



Courtesy of Devrim Gursoy, MD, Turkey

SCAR REVISION



Courtesy of S. S. Savant, MD, India

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