

# RADIOFREQUENCY FOR SKIN REJUVENATION

**FRACTORA**, DISTRIBUTED BY HIGH TECH LASER, IS DESIGNED TO IMPROVE THE TONE, TEXTURE AND APPEARANCE OF AGEING SKIN USING RADIOFREQUENCY TECHNOLOGY. CAITLIN BISHOP REPORTS.

**F**ractora, distributed in Australia by High Tech Laser, is a radiofrequency treatment designed to improve skin tone, homogenise skin texture and reduce the appearance of deep wrinkles and fine lines, without the need for surgery.

The device is designed to heat the skin and remodel deep collagen. This works to improve the integrity of the skin's support structure, helping to reverse and prevent the signs of ageing.

The versatility of the Fractora device means it is suitable for most patients, and to treat a wide variety of skin concerns. Fractora can be used as a fractional skin resurfacing treatment, or as a minimally invasive rejuvenating treatment.

'Fractora has two broad applications: there is an externally applied handpiece that delivers radiofrequency energy as it glides over the skin; and there is also a fractional handpiece, which delivers radiofrequency technology through micro-needles that pierce the skin,' explains Queensland cosmetic doctor Dr John Flynn. 'Both systems can be used to treat the entire face.'

## FRACTIONAL APPROACH

By delivering radiofrequency energy through microneedles, Fractora creates spots of coagulation (tissue tightening) in the sub-dermal tissue. This triggers the skin's wound healing response, promoting collagen production and improving the appearance of the skin's surface.

'The fractional approach is very effective in reducing the appearance of heavy lines around the mouth,' Dr Flynn explains. 'It can also be used in the peri-orbital area (around the eyes), however this calls for a more cautious approach due to the thinner and more sensitive skin in this area.'

The Fractora system is highly customisable and the depth of RF energy delivery can be adjusted according to individual patient concerns and certain skin conditions.

'The Fractora fractional system is most suitable to patients who have a high degree of sun damage, and are concerned about the appearance of wrinkles,' Dr Flynn adds.

There is some downtime associated with the fractional system. Patients should expect to have swelling and redness for a few days following the procedure.

### The physics of the Fractora fractional system

The nature of radiofrequency delivery means energy is released from one needlepoint and will connect with another needlepoint at a certain distance within the skin. This increases the area of coagulation and delivers a more universal, holistic result.

In short, Fractora heats the skin using a controlled pattern of radiofrequency delivery. This helps remodel deep collagen and improve the surface appearance of the skin.

## SKIN REJUVENATION

For those patients not ready to commit to the few days' downtime of fractional Fractora, the benefits of radiofrequency alone can still be achieved using the external delivery system.

'There is minimal downtime associated with this system – patients might experience some mild redness following the procedure,' Dr Flynn explains. 'It is used in skin rejuvenation to improve tone, texture and firmness.'

Because Fractora helps boost skin quality, it can be used before and after surgical procedures to reduce healing time and help augment results.

'I often use Fractora before and after certain procedures, and two to three treatments can be performed to improve skin conditioning before the fractional treatment,' he adds.

Fractora is an effective device that can be customised for different patients and various concerns. Treatment with Fractora can help improve the appearance of ageing skin by reducing fine lines, deep lines, textural irregularities, blood vessels and redness, leaving skin tighter, clearer and more resilient to future ageing. **csbm**