

On the market

The latest products in aesthetic medicine, as reported by Helen Twinam



DEMILEC ACOUSTIC WAVE THERAPY

Acoustic waves have long had medical applications, particularly in the disintegration of kidney stones and for pain therapy. During these treatments, patients noticed improvements in skin smoothness, leading to the development of acoustic wave therapy (AWT) by Swiss company Storz Medical for the treatment of cellulite.

In the epidermal and subcutaneous tissue of a cellulite sufferer, enlarged fat cells bulge towards the skin's surface, giving the typical orange peel appearance. Local blood circulation is reduced and connective tissue fibres do not stretch with the surrounding adipose tissue. AWT therapy delivers acoustic pressure waves to affected body regions, improving microcirculation in fatty tissue and reducing the visible signs of cellulite types 1–3, says distributor Demilec.

The technology uses the body's repair mechanisms to tighten the tissue—AWT's mechanical stimulus converts into chemical activity, breaking up cellulite connective tissue, accelerating lymphatic flow, enhancing metabolic activity and stimulating fat breakdown, says Demilec.

The D-ACTOR 200 applicator (pictured) introduces high energy acoustic waves to the patient's body in the form of high frequency oscillations.

The applicator can be used for anti-cellulite therapy, elimination of lymphatic congestion, muscle and connective tissue tightening and circumference reduction. Treatment areas include the upper arm, stomach, gluteal region and thighs. The manufacturer recommends a course of 8–10 treatments with maintenance every six months.

Demilec 01737 830 400; W: demilec.co.uk

DERMAROLLER ADDS TO RANGE

Skin penetration in thicker dermal areas can be difficult for practitioners to treat effectively for rejuvenation of the skin, either with topical treatments or minimally invasive procedures.

As an addition to the Genuine Dermaroller Therapy range, the Dermaroller MC925 enables practitioners to treat thicker dermal areas, for indications such as acne scarring on the back, skin laxity and stretch marks, as well as fibrotic scars and burns. The roller features 2.5mm micro-medical needles for optimum penetration, stimulation and patient comfort, says distributor Aestheticare.

Genuine Dermaroller Therapy combines a range of needle depths for different indications, such as lines and wrinkles, sun damage, pigmentation, acne scars and stretch marks. The treatment stimulates the skin to regenerate and repair itself, says Aestheticare, and is suitable for use on darker skins.

The Dermaroller MC925 does not replace the 1.5mm Dermaroller MF8 or MS4, which are both used for the face, neck and décolleté. The treatment of deeper and tethered scars and lines in these areas can also be enhanced with the Dermastamp 2.0mm, says Aestheticare.

AesthetiCare 0800 0195 322; W: genuinedermaroller.co.uk



ANTI-AGE CELL FORMULA

The applications for stem cells in medicine are seemingly endless. Their regenerative properties lend themselves to the repair of damaged tissues and a growing body of research heralds stem cells as the next big breakthrough in cosmetic medicine.



Cosmeceutical and topical skin care products are incorporating the benefits of plant stem cells into their formulations. PhytoCellTec malus domestica is a plant extract rich in plant stem cells, nutrients and proteins. It is based on the stem cells of a rare Swiss apple, and can prolong the longevity of the skin's own stem cells and stimulate their activity.

Biodroga Systems combines the extract with other beneficial ingredients in its Anti-Age Cell Formula, distributed by Beauty Concepts International (BCI). The product's formula also contains iris isoflavone to counter the reduction of collagen and elastin fibres, stimulating decreasing cell division in the epidermis, enhancing skin elasticity and smoothing lines and wrinkles, says BCI.

AquaCacteen hydrates the skin with essential amino acids, antioxidants, vitamins and water-binding polysaccharides, protecting against moisture loss.

Lines and wrinkles are visibly diminished and the skin looks firmed, says BCI, while dryness wrinkles are reduced and lipid balance is improved. The range comprises Firming Day Care, Firming Day Care for Dry Skin, Firming Night Care and Firming Eye Care.

Beauty Concepts International 01273 837 302; W: beautyconcepts.co.uk