

types. Users can choose from among ten different applicators to cover various indications (up to three can be connected at once), with an intuitive and interactive touchscreen, and guided treatment modes supporting all applicators.

Applicators include SR/SRA for treatment of benign pigmented and vascular lesions; Sublime™ for facial contouring and wrinkle treatment; Motif IR for focused wrinkle treatment; AC for acne treatment; Sublative Rejuvenation™ to increase collagen at the target site; Motif LHR/HR for painless and permanent hair removal; and IV/LVA for the treatment of vascular lesions and leg veins measuring up to 4 mm.

Ellipse A/S (Hørsholm, Denmark) is also expanding its versatile IPL platform with lighter, more flexible PLUS applicators and a unique pay-per-shot principle



VL+ Applicator by Ellipse

meant to reduce operating costs. For hair removal the HR+ (600 – 950 nm, 10 mm x 48 mm) and large spot HR-L+ (600 – 950 nm, 18 mm x 48 mm) are both suitable for skin types I-V, while the HR-D+ (645 – 950 nm) treats skin types III-VI. The VL+ (555 – 950 nm) and PR+ (530 – 750 nm) applicators cover photorejuvenation, vascular and pigmented lesions and acne. The latest addition is the PL+ (400 – 720 nm) for photodynamic therapy.

Emerging devices using high-intensity focused ultrasound (HIFU) technology, alone or in combination with other modalities, will also be represented. Double, a new offering from HIRONIC (Sungnam, Korea) for facial tightening, couples HIFU



Before Tx



After Double Tx

Photos courtesy of Jo Hwa Kim, M.D.

with RF in a completely non-invasive device featuring a large spot size to reduce treatment time. HIFU is safely delivered into the superficial muscular aponeurotic system (SMAS) layer to treat underlying facial structure, while RF creates coagulation in the dermis, designed for precision delivery of energy to optimize outcomes with no downtime. The company reports that coagulation of the deep dermis and SMAS promotes tissue contraction and collagen remodeling.

SyigmaLift from MedixSysteme (Nîmes, France) is a novel second-generation HIFU device with low-level laser technology



SyigmaLift by MedixSysteme

(LLLT) for a unique blend of tightening via collagen repair and subsurface disruption of adipocyte cell membranes, with additional applications for alopecia. Emitted in lines, but usable almost as an artist's brush, the device's HIFU component can help sculpt the chin and jawline.

In Multi Flux mode, users are able to better shape the eye area as well, and the Circular Three micro-ultrasound hand-piece treats collagen. MedixSysteme also pointed out that the LLLT capability safely accelerates healing and stimulates hair regrowth as well.

Med Visage from General Project (Florence, Italy) also harnesses non-invasive ultrasound for deep treatment of laxity and wrinkles, stimulating neocollagenesis



Med Visage by General Project

to produce a natural lifting and toning of skin on the face and neck safely and effectively. Although results take time to fully manifest, the manufacturer claims that immediate improvements to texture, tone and clarity are often noted. Users may rely on pre-programmed parameter settings, but have the ability to manually adjust frequency, power and ultrasound emission mode.

Using high-energy acoustic waves, Cellactor SCT «ultra» from STORZ MEDICAL AG (Tägerwilen, Switzerland) treats cellulite, localized fat pads and facial wrinkling. The modality itself is termed Acoustic Wave Therapy (AWT), employing high-energy planar and



Acoustic Wave Therapy Tx by STORZ MEDICAL