Therapeutics Focus: Laser and Light Therapy

JUVASHAPE BODY AND FACE LIFESTYLE SOLUTION FEATURING VSHPAE

Alma Lasers added a new technology to its arsenal of products: vShape, which offers a range of non-invasive face and body applications via one platform with fast, reliable, and dramatic results. vShape’s sophisticated temperature control mechanism ensures concentrated and consistent heat distribution for comfortable treatments with little downtime and optimal effects. The JuVaShape Solution allows patients to alternate monthly treatments between face and body to renew, revitalize, and refresh. The focused radiofrequency workstation offers four different handpieces, allowing physicians to adapt the platform. Practitioners can now enjoy the ability to tailor treatments to patients’ unique needs through this fast, powerful, and effective process. The JuVaShape Body and Face Lifestyle Solution featuring vShape is currently in place at a limited number of clinics nationwide during an exclusive roll-out phase.

ILUMINAGE SKIN SMOOTHING LASER AVAILABLE FOR HOME USE

iluminage Beauty Inc. recently introduced its iluminage Skin Smoothing Laser, the first at-home laser device FDA-cleared to reduce fine lines and wrinkles around the eyes and mouth. Iluminage Skin Smoothing Laser breaks new ground merging professional laser technology with clinically proven results, intelligent design, and a smart, interactive ecosystem for an unparalleled skin treatment experience. The iluminage Skin Smoothing Laser is a highly stylized at-home laser that applies novel skin science to sophisticated beauty intelligence. The iluminage Skin Smoothing Laser delivers pulses of laser light below the surface of the skin, where wrinkles form. This technology is known to trigger the body’s natural response to generate new collagen fibers. When an entire area is treated, the new collagen helps tighten the skin. The skin’s support structure is reinforced from within to dramatically reduce the appearance of fine lines and wrinkles.

This product was created in partnership with Unilever, utilizing Cynosure’s advanced laser technology. The iluminage Skin Smoothing Laser is safe enough to use at home and demonstrated to be as effective as a professional laser for the treatment of facial wrinkles, such as wrinkles around the eyes and mouth.

The at-home laser was clinically tested in more than 3,640 treatment sessions, performed on 58 subjects. Dr. Gideon Smith, a practicing dermatologist, and a group of independent graders assessed this clinical study.

In the trials, 78 percent demonstrated a significant improvement in the appearance of fine lines and wrinkles by two weeks; 87 percent demonstrated a significant improvement in the appearance of fine lines and wrinkles by four weeks; and 95 percent demonstrated a significant improvement in the appearance of fine lines and wrinkles by 12 weeks.

The iluminage Skin Smoothing Laser also allows individuals to follow their results by capturing treatment data from each use. Individuals are able to upload their data to a unique digital ecosystem, the iluminage Skin Clinic, after just one treatment.

Each user can create a personal treatment profile page, where they can view their personal process chart, upload pictures, and get beauty tips from skin specialists. Users will be able to receive professional support, both audible and interactive, in-store support, and customer service for real-time assistance at retailers nationwide.

The iluminage Skin Smoothing Laser is indicated for everyday use to treat wrinkles around the eyes and mouth and is completely safe when used as directed. During the first few days, users may notice mild, temporary redness after treatment.

ASLMS PRECEPTORSHIP PROGRAM DEADLINE EXTENDED

The American Society for Laser Medicine & Surgery (ASLMS) Preceptorship Program provides an opportunity for ASLMS members who are early in their career to learn new techniques and perspectives in lasers and other energy based technologies, observe a successful practice in action and develop valuable career networks. The deadline to apply for a preceptorship has been extended until May 31, 2014.

The ASLMS Preceptorship Program is funded through an educational grant of $30,000 from Cynosure, Inc.

ASLMS members who are between one and five years post medical school graduation, third year resident (or second year
resident as long as the preceptorship occurs during their third year of residency) or in a fellowship will have the opportunity to visit the practice of an established physician to observe best practices and skills in core areas as well as advanced skills in procedures and techniques not previously learned.

Applicants must be in a qualified residency or fellowship program or board certified by a recognized American Board of Medical Specialties (ABMS) board. If you are not an ASLMS member, you may apply for membership by visiting www.aslms.org.

To learn more about the application and approval process, visit www.aslms.org/courses/preceptorships.shtml.

**STUDY ASSESSES MULTIPLE FRACTIONAL ERBIUM: YAG LASER SESSIONS FOR UPPER FACIAL REJUVENATION**

A recent study to evaluate the effectiveness of multiple sessions of fractional Er:YAG laser rejuvenation for aging upper face subjected 10 volunteers asking for facial rejuvenation to multiple sessions (three to five) of fractional Er:YAG laser. Clinical evaluation with both histopathological and immunohistochemical assessment for skin biopsies was carried out before, after one month, and after six months of laser resurfacing. Histometry for epidermal thickness and quantitative assessment for neocollagen formation, collagen I, III, and VII, elastin, and tropoelastin were carried out for all skin biopsies.

The study found fractional Er:YAG laser resurfacing resulted in improved clinical appearance with increased epidermal thickness (P < 0.001). Dermal collagen showed increased neocollagen formation (P = 0.006), with increased concentration of collagen types I (P < 0.001), III (P < 0.001), and VII (P = 0.001). Dermal elastic tissue studies revealed decreased elastin, while tropoelastin concentration increased after laser resurfacing (P < 0.001). An increase in collagen (I and III) and tropoelastin level and decreased elastin content was encountered with increasing the number of sessions, but was not significant.

Researchers concluded that multiple sessions are effective in rejuvenation of the aging face with high safety, short downtime, and no adverse effects. They stimulated formation of new collagen (type I, III, and VII) up to six months after treatment with better improvement in skin texture and fine wrinkles. The variable number of fractional Er:YAG laser sessions (three to five) showed no significant difference as regards efficacy.


**New Products**

**EXUVIANCE ANTIREDNESS CALMING SERUM**

NeoStrata Company, Inc. launches Exuviance AntiRedness Calming Serum, the newest treatment to join the popular line of Exuviance targeted serums, including Vespera Bionic Serum, Antioxidant Perfect 10 Serum, Collagen Triple Boost Serum, and OptiLight Essential 6 Serum. Like its family members, Exuviance AntiRedness Calming Serum helps skin appear healthy and youthful. Whether redness is caused by rosacea, allergies, or sensitive skin, AntiRedness Calming Serum is formulated to help make the flushing disappear. Active science and proven botanicals, including polyhydroxy acids, TriPeptide, and willow herb work together to target the four sources of redness. The lightly cooling serum provides fast-acting visible redness relief within two hours and helps prevent future flushes. According to the company, users see a difference in their skin’s overall redness in two weeks. Anti-aging ingredients in the formula make the multi-tasking treatment effective beyond redness. A special PHA/Bionic blend helps build the skin’s support matrix to firm and tighten. Exuviance.com

**REJUVENATE & PROTECT BY JAN MARINI SKIN RESEARCH**

Jan Marini Skin Research introduced the Antioxidant Daily Face Protectant Broad Spectrum SPF 33 and C-ESTA® Serum Face Serum, a combination designed to reverse the signs of aging and prevent future damage. Enhanced with multiple antioxidants, the Protectant offers UVA and UVB protection. The Serum boosts collagen and makes the skin appear more lifted, contoured and tighter. janmarini.com.
DERMA E ANTIOXIDANT NATURAL SUNSCREENS

derma e introduced its first sun care products using the latest advancements in clear zinc oxide technology combined with the multi-beneficial properties of powerful natural ingredients. Antioxidant Natural Sunscreen SPF 30 Oil-Free Face Lotion and Body Lotion deliver multiple layers of solar and environmental protection for healthy, protected skin. derma e Antioxidant Natural Sunscreen SPF 30 Oil-Free Face Lotion and Body Lotion shield skin from harmful UVA/UVB rays, oxidative damage and premature signs of aging. With clear, nanoparticle-free zinc oxide, these formulas provide safe, chemical-free broad spectrum UVA/UVB protection. The sunscreens are fortified with antioxidants Vitamin C and Green Tea, which are nutrients that have been shown to offer an additional layer of UV protection, help skin recover after sun exposure and curtail signs of aging for vibrant, younger-looking skin. Ideal for daily use, these formulas glide on evenly, absorb quickly and leave a sheer, lightweight, non-greasy finish. dermae.com

ECO-BEAUTY BE GOOD. SKINCARE LINE

La Fresh Group, Inc. launched Eco-Beauty Be Good, a unique line of highly-natural skincare products made with a natural anti-aging botanical complex of maqui berry, licorice root, ginkgo leaf, grape seed and hickory bark.

The new Eco-Beauty® Be Good.™ line includes the following products. Good Bye. Face Cleansing Wipes remove light makeup and cleanse away surface toxins. Good Times. Facial Treatment Cloth Masks replenish moisture for a luminescent looking skin with hyaluronic acid, vitamin B5 and natural cucumber. Good Start. Face Serum moisturizes skin to restore a visibly softer and brighter skin.

MIRACLE BALM BY MIRACLE SKIN TRANSFORMER

Miracle Skin Transformer introduced Miracle Balm, a multi-purpose beauty balm designed to immediately hydrate sensitive, irritated skin from sunburns, bug bites, and other outdoor ailments. Miracle Balm is formulated with a blend of more than 30 moisturizer and emollient ingredients such as Tamanu Oil, Evening Primrose, and Blue Mountain Sage Oil. miracleskintransformer.com

TWO NEW PRODUCTS FROM AMBI

AMBI is launching two new products—AMBI Advanced 5% Micro-Benzoyl Peroxide Acne Spot Treatment and AMBI Even & Clear Makeup Removing Cleansing Cloths. AMBI Advanced 5% Micro-Benzoyl Peroxide Acne Spot Treatment works quickly and gently to fight acne blemishes. Micro-encapsulated benzoyl peroxide in the formula helps deliver acne-fighting medicine deep into pores for effective results with less irritation. This product has special relevance for skin of color, which is three times as likely to develop dark spots from acne blemishes than other skin tones. AMBI Even & Clear Makeup Removing Cleansing Cloths provide a special, soap-free formula with moisturizing ingredients that are contained within ultra-soft towelettes. They effectively remove all traces of dirt, oil, and makeup, including waterproof mascara. They cleanse, moisturize, and are easy to use on-the-go. These extra-large cloths easily cover the surface of the face and, after one use, can simply be tossed away. shopambi.com

BODY BUTTER BY SCIENTIFIC ORGANICS

Scientific Organics launched a grape stem cell, white tea + seaweed body butter, which is designed to nourish and soften the skin to combat roughness and uneven tone. The fresh citrus scented total body cream contains grape stem cells, spirulina, algae, green and white teas, shea butter, jojoba seed oil, vitamins A, C and E, palmaria palmata, pine bark extract and more natural, wholesome ingredients to nourish the skin. Patients should apply after sun exposure to reduce swelling, soothe irritated skin, and nourish sun damaged cells. emerginc.com