

DERMATOLOGIST LAUNCHES SUNWEAR LINE WITH UPF: **LUMINORA**

Luminora, a luxury sunwear collection made with the revolutionary Luminology Technology fabric that provides UPF (Ultraviolet Protection Factor) 50+ rated sun protection, blocking 98 percent of UVA/UVB rays, launched last month. Founded by skin cancer surgeon, Dr. Ali Hendi, and his designer wife, Azi Hendi, the Spring/Summer 2017 collection from Luminora currently offers 12 foundational pieces priced from \$60 to \$485.

The newly patented, all natural, environmentally safe plant-based oil with which the fabric has been infused with will never wash out, the company says. Unlike other sun protective clothing currently on the market, luminora pieces have not been treated with chemicals and hard metals that weaken and eventually disappear after washing. Luminora's sun protection is permanent and wearable season after season.

Study: Antioxidants Protect Against Atmospheric Skin Aging

Exposure to ozone pollution zaps our collagen supply, according to new research from SkinCeuticals in partnership with Professor Giuseppe Valacchi from the University of Ferrara, Italy.

After exposure to 0.8ppm ozone, collagen was reduced on live skin, the study showed. In addition, ozone pollution oxidizes lipids and depletes skin's natural antioxidant res-

ervoir, triggering a progressive cascade of damage that may contribute to signs of skin aging. The findings are slated to be published in the *Journal of Investigative Dermatology*.

SkinCeuticals worked with Dr. Valacchi to help combat the effects of ozone on skin. Together they found that application of SkinCeuticals antioxidants C E Ferulic and Phloretin CF significantly reduced the damage caused by ozone exposure by neutralizing free radicals on the upper layer of the skin. Moreover, an increase in HNE (proteins that mark lipid oxidation) levels and activation of the NfKB (sensitization markers) pathway were also studied when skin was exposed to 0.8ppm ozone. When C E Ferulic or Phloretin CF were applied, these markers were significantly reduced.

BY THE **NUMBERS**

\$10.5M

That's the number of medically necessary and cosmetic

procedures performed by dermatologic surgeons in 2016—five percent more than 2015 and up 31 percent since 2012, according to the 2016 American Society for Dermatologic Surgery Survey on Dermatologic Procedures.

FDA Clears Millennium Medical's Reusable Fat Collection, Grafting System

The FDA cleared Millennium Medical Technologies' reusable fat collection and transfer system used in plastic or reconstructive surgery and regenerative aesthetics. This FDA clearance includes components used with the company's liposuction and body shaping technology as well. This same clearance granted approval for low weight, sterile, disposable lids with bag that can be used for collection and transfer as well.

The MMT Collection Canisters, Lids, Luer Extension, and Bags are used in conjunction with hospital or surgery

My New Favorite Thing: SUPERFICIAL RADIATION THERAPY



With Sensus' superficial radiation therapy (SRT), we may be entering uncharted waters where keloid recurrence after surgery and SRT leads to no, or a very low, incidence of keloid recurrence. With this, we will change the paradigm in the treatment of keloids.

The Sensus SRT-100 is a superficial radiation device that has FDA clearance—the first radiation therapy device to achieve this—and shows very high efficacy and safety in treating not only the difficult-to-treat keloids but also non-melanoma skin cancers. My practice is pleased to offer this to our patients, and the response, thus far, has been overwhelmingly positive.

Our office, Gold Skin Care Center in Nashville, is a go-to center for patients who suffer from keloids, as we have been performing clinical research on these kinds of lesions for more than 25 years. We have worked with many different companies and products to look at how we treat keloids more effectively and how we can prevent treated keloids from recurring. This, obviously, has been a frustrating endeavor, and despite our initial research, the vast majority of keloids that we've treated thus far have the propensity of recurrence.

I've had the privilege of authoring two scientific publications on the treatment of keloids—the International Guidelines on the Treatment of Hypertrophic Scars and Keloids—in 2002 and 2014. In both of these publications, while radiation therapy was reviewed, superficial radiation therapy was not, and this is the kind of radiation that we see with the SRT-100. This technology marks a huge step toward transforming the lives of thousands of patients who have keloids, as well as those who suffer with symptomatic keloids—pain, itching and the like. Using the SRT-100 has been an incredible opportunity for these patients to have their keloids surgically excised and then treated over the course of the two to three days with superficial radiation therapy.

Michael H. Gold, MD | Gold Skin Care Center | Nashville, TN



center vacuum and/or cleared pumps, tubing, and cannulas for collection and transfer of aspirated fat. Using the system, untreated fat may be reinjected via a cleared injection apparatus. This same system can be used with AcquiCell, MMT's soft tissue harvesting device, along with MMT's Lipo-Loop, a disposable tubing set that provides a closed mechanical delivery system for harvesting and transferring fat.

These suction canisters are molded from medical-grade materials. They come in sizes of 250, 500, 1,000, 2,000 and 3,000ml, are packaged non-sterile but are autoclavable. Each Collection Jar has a stainless steel Luer fitting at its base to facilitate the transfer of untreated fat back into the patient using a cleared injection apparatus. The 1,500 and 2,500ml collection jars are used in conjunction with single packaged gamma radiated Sterile Lids and Liners, made of medical-grade materials too. ■