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Perigee Medical Offers Innovative Mommy Makeover Technologies

By Kevin A. Wilson, Contributing Editor

Utilizing the suite of technologies distributed by Perigee Medical (Tracy, Calif.), physicians have an excellent set of tools for providing new moms with a self-image boosting makeover. Stretch marks can be addressed using the INTRAcel™ RF fractional microneedling device; localized areas of stubborn fat can be reduced using the FuturaPro™, which combines ultrasound and muscle re-education technology; and facial and vaginal health and appearance can be restored using Edge VLR™ (part of the Edge CO₂ platform) and IntraGen™ fractional RF therapy. All of these technologies are manufactured by Jeisys Medical, Inc. (Seoul, Korea) and marketed in the U.S. under the Perigee umbrella.



Gregory Chernoff, M.D.
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Sherry Thomas, M.D.
Urogynecologist
Agoura Hills and Beverly Hills, CA

Stretch marks are a common and much-loathed consequence of pregnancy, according to plastic surgeon Gregory Chernoff, M.D., medical director of Chernoff Cosmetic Surgery (Santa Rosa, Calif. and Indianapolis, Ind.). With its array of 49 insulated RF microneedles delivering energy subcutaneously, directly to the underlying scar tissue at depth to stimulate the remodeling of collagen and elastin, INTRAcel is ideal for treating striae, especially after pregnancy. “The beauty of using INTRAcel for post-pregnancy stretch marks on the abdomen and/or breasts is that we can get to them soon after they’ve formed, at which time they are much more receptive to treatment,” Dr. Chernoff explained. “In just a few treatments spaced about four weeks apart, we see dramatic reduction in the appearance of scarring, even virtually eliminating the lesions in some cases. Women really love this because it helps them feel like they’re getting their body back.”

“INTRAcel can also be used to tighten and improve skin quality of the horizontal lines (necklace lines) that appear near the neck and vertical dehydration lines in the cleavage,” Dr. Chernoff continued. “Additionally, it helps to alleviate abdominal skin laxity in conjunction with fat treatment using FuturaPro.”

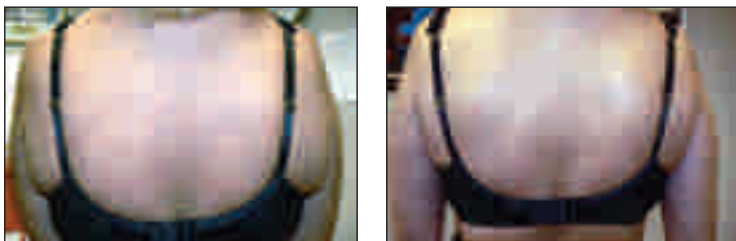
Dermatologist Jeanine Downie, M.D., medical director of Image Dermatology (Montclair, N.J.), is thrilled with the way INTRAcel addresses striae. “It may take up to eight treatments depending on how well the scar responds, and what the patient decides is a good endpoint,” she said. “Treatment is safe for all skin types, but it is important that exposed areas be covered with sun block, at least SPF 30, because they will be more photosensitive after treatment.”

Dr. Downie is also a proponent of the painless FuturaPro device, which combines ultrasound-induced apoptosis of adipocytes with transcutaneous electric muscle stimulation to address localized areas of unwanted fat, as well as restore the shape and tone of underlying musculature, which is stretched during pregnancy. Total application time may exceed one hour, up to 45 minutes for the ultrasound

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Stretch marks before and after INTRAcel Tx
Photos courtesy of Gregory Chernoff, M.D.



Back before and after FuturaPro Tx
Photos courtesy of Jeanine Downie, M.D.

“It’s amazing what a few treatments with this device can do to restore vaginal health and, subsequently, improve women’s quality of life after giving birth.”

component with an additional 30 minutes of muscle stimulation. “This device is extremely popular because it is very satisfying for patients to undergo treatment,” she said. “Patients expect pain with the fat treatment, but other than a sensation of pressure, there isn’t any discomfort. They also like the feeling of having their muscles worked by the electrical pads afterward. FuturaPro takes inches off the waistline, and the muscle stimulation has been shown to facilitate this by creating an energy deficit in the treated area, providing a need for the metabolism of the fat.”

“We start with INTRAcel at week one, followed by FuturaPro at weeks two and four, then INTRAcel again at week five,” Dr. Downie continued. She recommends using the muscle stimulation pads starting at about 70% capacity, raised to tolerance.

Dr. Chernoff led research efforts revealing the mechanism of action of FuturaPro. “We were able to show that through isometric electrical exhaustion of the muscles, we create an immediate and localized need for fat components recently liberated via ultrasound fat cell disruption. This augments results because the liver doesn’t have to do all the work.”

Women also enjoy the benefits of Edge VLR fractional CO₂ laser treatment of the vagina as a vital component to the mommy makeover, according to Sherry Thomas, M.D., who practices urogynecology and aesthetic medicine in Agoura Hills and Beverly Hills, Calif. “It’s amazing what a few sessions with this device can do to restore vaginal health and, subsequently, improve women’s quality of life after giving birth,” she said. “The trauma associated with vaginal childbirth stretches tissue of the vaginal wall and vulva. There is a significant drop in estrogen afterward as well – after it spikes during pregnancy – which contributes to vaginal dryness leading to increased irritation.”

“Edge VLR improves these indications significantly and it’s a boon to feminine wellness.” Dr. Thomas added. “The

treatment probe is inserted into the vagina, then laser energy is directed at eight points circumferentially (90° from the axis of insertion) using an octagonal guide for consistent and uniform application. After each full rotation, the probe is withdrawn 1 cm and the cycle is repeated. Sessions last less than ten minutes and no anesthesia is required. “The high peak power, coupled with a short pulse, is advantageous for delivering therapeutically adequate energies while preventing unwanted thermal build-up. Women are advised to refrain from sexual intercourse for a day or two afterward.” Three treatments at intervals of about four weeks is the norm, she noted, with three passes per session. “Younger women bounce back rapidly, especially with a little help from Edge VLR. Older women may require more treatment.”

IntraGen fractional RF can be used to address pelvic floor laxity as well, Dr. Thomas expressed. “It works very well and we’re seeing great results.” The unique modality places microspots of RF energy in an irregular pattern, which allows for maximum energy deposition with minimum heat buildup. Real time tissue temperature and impedance feedback further optimize treatment. “We can also use the IntraGen RF for skin laxity of the neck or abdomen, and to tighten up the labia majora and minora. This gentle, but powerful energy delivery mechanism is great for this sensitive area. We will use benzocaine, lidocaine and tetracain (BLT) to numb the area temporarily so we can use higher settings and obtain better results.”

This suite of technologies, available through Perigee Medical, is evidence of their commitment to providing the U.S. market with high-quality, powerful, safe and effective aesthetic medical solutions without sacrificing affordability.