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Rise of Radiofrequency: The Time is Now

By Cindy J. Papp, Contributing Editor

Radiofrequency (RF) is a mainstay in medical aesthetics thanks to its thermic effect on skin. RF-based treatments lead to the improvement of the appearance of aging skin with collagen stimulation and elastin production deep in the dermal layers for ongoing results. Popularity of RF is only increasing due to its effectiveness as well as the lack of downtime that today's busy patients demand.

Persistent efforts from aesthetic physicians to provide greater treatment results with fewer complications and little to no downtime have contributed to the overall rise of energy-based devices. According to the latest market research, RF-based aesthetic devices are a leading category, with a market size that is expected to grow at an estimated compound annual growth rate (CAGR) of 12.11% between 2023 – 2031, to reach over \$3.7 million by 2031.¹ Today, RF microneedling devices are a staple in many cosmetic offices thanks to their versatility and ability to rejuvenate the appearance of aging skin.

Sylfirm X RF Microneedling System

Rising to meet consumer demand, the proprietary Sylfirm X device by BENEV (Mission Viejo, Calif.) is an FDA-registered pulse wave (PW) and continuous wave (CW) RF device that targets skin laxity and pigmentation for ultimate skin rejuvenation. With over 25 clinical studies, the Sylfirm X has adopted a system using bipolar, non-insulated microneedle electrodes to target the dermal layers with a uniform electric field to maximize treatment results.

According to Suneel Chilukuri, MD, dermatologist and director of cosmetic surgery at Refresh Dermatology, there are 20 different

RF microneedling devices in the U.S. that are approved by the FDA. All of them are slightly different, but Sylfirm X is the only RF device with two very unique features. "It allows for a penetration of 300 microns, which is ideal for treating pigment issues or erythema, and penetration that reaches up to 4 mm to promote color correction and collagen remodeling," he explained. "Most RF microneedling devices offer continuous waves rather than a pulsed wave, but Sylfirm X offers both."

With these exclusive features, physicians can treat more patient concerns on a wider range of skin types. But the Sylfirm X offers even more. "Each needle tip has a polarity to it, allowing it to go between positive and negative energy," Dr. Chilukuri continued. "The effect is that we can lift the skin and reset it. With the Sylfirm X, I can lift where the cheek sits, lift the skin of the neck and even lift the fascia of the frontalis to provide an appearance similar to an eyebrow lift."

TJ Tsay, MD, medical director and owner of Ageless MD (Tustin, Calif.) pointed out that Sylfirm X uses non-insulated tapered needles that deliver efficient energy to each individual needle, creating a teardrop coagulation zone around the needle. "This offers the best skin tightening and collagen stimulation possible," he said.

The 'Na Effect'

Sylfirm X was the result of research by leading Korean dermatologist Jongiu Na, MD, who found that tapered needles deliver more energy to the needle tip, while limiting the energy to the skin's surface. **(CONTINUED ON PAGE 6)**



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Director
Refresh Dermatology
Houston, TX



TJ Tsay, MD
Medical Director
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THE AESTHETIC GUIDE

September/October 2023 • Volume 26 • Number 5

Features

- 42 Energy-Based Devices in Aesthetics
- 58 Hot Products in 2023
- 66 The Aesthetic Awards 2023 Winners
- 78 AMWC Americas Preview

Practice Management

- 86 Government Regulations

Talent & Techniques

- 88 The Natural Needle Lift by Decade

Partner Content

- 3 Rise of Radiofrequency
- 12 Non-Invasive Devices as Practice Foundations
- 18 A Graduated Approach to Skin Rejuvenation
- 21 A New Age for Plasma Technology
- 24 Achieving Less Epidermal Damage with RF Microneedling
- 26 Ultrasound-Based Treatment of Acne Scars
- 28 Shockwave Therapy Enhancing Treatments and Outcomes
- 30 Interactive Skin Visualization Platform
- 32 Enzyme Treatment Harnesses Power of Skin's Stem Cells
- 34 Improved Scar Quality and Better Incision Healing
- 36 Plasma-Based Removal of Unwanted Skin Tissue
- 38 Dual-Wavelength Laser Technology
- 40 Advanced IPL Redefines Aesthetic & Dermatological Capabilities

Directory

- 94 Aesthetic Company Directory

Comparison Charts

- 106 Neurotoxins
- 108 Dermal Fillers
- 110 Skin Rejuvenation
- 113 Thread Lift Products
- 114 Acne Tx Devices
- 116 Hair Removal
- 118 Vascular Technologies
- 120 Microneedling
- 122 Emerging Technologies
- 124 Fractional Technologies
- 125 Physician-Dispensed Topicals
- 126 Body Shaping Technologies



Advertiser Index

Acclaro Corporation	91
ADVALight	39
Aesthetic Multispecialty Society	92-93
The Aesthetic Show	76
Agnes Medical USA	95
AMA Meditime	53
American Academy of Cosmetic Surgery	90
AMP Aesthetic Management Partners	25
AMWC Americas	20
AMWC Awards	14
AnteAGE	87
BENEV Company, Inc.	2
Brijit Medical	35
BTL Industries, Inc.	11
Collagen P.I.N.	51
Crown Aesthetics	83
Cutera	16-17
DEKA M.E.L.A. s.r.l.	77
DMK Professional Skin Revision	33
Dp Derm	132
ELEVAI Labs	61
Emergent Medical Technologies	23
Epionce	15
Fotona	45, 131
IM-Aesthetics	19
Lasering USA	97
Lutronic Aesthetics	47, 99
Med-Results	37
Merit Pharmaceutical	63
MINT (HansBiomed USA, Inc.)	85
Monarch Laser	55
MRP	41
NassifMD Dermaceuticals	101
NewSurg	49
Revolution Medical - Pure Plasma	65
Sciton	75
SHEnB Co., Ltd.	56-57
Sofwave	27
Sylton, Inc.	31
Taylor & Francis	82
ThermiGen, LLC	103
Vegas Cosmetic Surgery	64
Visage	84
Vivant Skincare	107
Zian Medical, LLC	105
Zimmer MedizinSystems	29

Supplemental Inserts

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Before and after treatment with Sylfirm X
Photos courtesy of Gretchen W. Frieling, MD

Science and Technology of Sylfirm X

According to H. William Song, MD, founder and medical director of Omni Aesthetics (Oakland, N.J.), there are several features that allow Sylfirm X to achieve targeted results with little risk and little to no downtime. “The energy delivered by this device is very precise, so the risk of complications is much lower than with the competition,” he clarified. “The non-insulated needles, coupled with the precise distribution of energy, deliver lower heat through the length of the needle instead of just the tip. This allows for linear vectoring, which is not possible with insulated needles that deliver a lot of energy.” Dr. Song also mentioned that the

needles stay sharp and are thinner and stronger, allowing smooth insertion and a treatment that is less painful than the staple-like stamping movement of some devices.

Sylfirm X is equipped with four CW modes and four PW modes, each supported by numerous clinical studies that show the efficacy and safety of the device.² CW modes result in a greater delivery of stable RF energy for wide, independent coagulation around each electrode, from the deeper dermis to the upper dermis. The result is optimal skin revitalization for firmer, more youthful looking skin. PW modes target fibroblasts to strengthen the base membrane and reduce abnormal blood vessels with no noticeable effect on surrounding tissue.

Physicians are also noticing the technology of the device. “The actual physical platform of the device is aesthetically pleasing, and the screen is very user friendly,” Dr. Tsay began. Whether you want to deliver a CW with a shorter pulse width, or address more vascular

As Dr. Tsay explained, “The ‘Na Effect’ is the result of focused, independent tissue coagulation around each microneedle electrode. While other RF systems produce a widespread area of coagulation – leading to an ineffective treatment – the ‘Na Effect’ of Sylfirm X allows for more efficient RF energy to be utilized to its full potential.”

Gretchen Frieling, MD, owner of GFace MD (Wellesley, Mass.) described the importance of the ‘Na Effect’ for dermatologists and their patients. “The ‘Na Effect’ identified by Dr. Na describes the independent electrothermal coagulation around each electrode of bipolar RF,” she explained. “With the non-insulated microneedles, you have complete coagulation in the dermal layer, immediate contraction of old collagen fibers and long term neocollagenesis. There is no thermal damage in the epidermis, no bleeding and no downtime. And because of its ability to penetrate 300 microns deep, SylfirmX is the only device that can treat the epidermis, basement membrane and papillary dermis at the same time.”



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lesions, or inflammatory acne with the CW mode, the parameters can be easily adjusted.

"I also like that there is not a shot count limit for each tip as in other RF microneedling devices I have used in the past,"

Dr. Tsay continued. "So I can deliver as many shots as I want for each patient without worrying about reaching a limit, which then forces you to purchase another tip by a certain number of shot counts."

Sylfirm X Treatment Protocols

Dr. Tsay shared that the Sylfirm X is a staple treatment in his office because it benefits patients of all age groups and skin types. "I can treat the 20-year-old patient with acne scars or inflammatory acne, 30-year-old patients with rosacea and large pores on their T-zone and 40-year-old patients with mild to moderate laxity," he explained. "The 50- to 60-year-old patients that have deeper static rhytides can also see improvement with minimal downtime."

Renato Saltz, MD, a board-certified plastic surgeon, and Michelle Young, a licensed master aesthetician at Saltz Spa Vitoria (Salt Lake City, Utah) use the Sylfirm X because of its versatility in treating a wide variety of patient concerns. They also appreciate that the device is comfortable and easy to use. "This device allows us to treat eyelids, which can be difficult, and has given us a scar treatment option," Dr. Saltz shared. "We also have protocols and treatment plans that combine Sylfirm X and exosomes for my facelift patients. It improves my surgical outcomes and adds longevity to my results. Overall, this is a great addition in modern facial rejuvenation surgery."

"We recommend one to three treatments per year for a deep, firming treatment," Ms. Young noted. "Patients will see the effects of firmer skin with clearer skin tone and reduced redness in two weeks following the treatment. Scars will be softer, smaller and lighter in



Before and one month after three treatments with Sylfirm X, each treatment spaced one month apart

Photos courtesy of H. William Song, MD

color. In addition, we use BENEV exosomes to shorten healing time, reduce inflammation and for a greater tissue build response due to the growth factor in the product. I put them in the refrigerator, so they are cold when applying, which feels nice, as well. I use half the bottle and send the other half home with them."

Dr. Frieling shared that she has several specific protocols using Sylfirm X. "I recommend it with exosomes one week after poly-L-lactic acid (PLLA) treatments," she mentioned. "For patients under 45, we recommend a three-week interval between treatments. Over the age of 45, we recommend a minimum of four weeks, specifically to allow the fibroblasts to receive the signals to appropriately respond to the treatment. We apply exosomes after every treatment. BENEV exosomes are paramount in scar remodeling, skin rejuvenation, pigmentation regulation and hair growth. We also recommend intense hydration and repair serums after the treatment."

"I often use Sylfirm X for patients with skin type V with icepick scars," said Dr. Tsay. "In a typical treatment protocol, we would recommend four to six sessions using the CW mode with three passes spaced four to six weeks apart. We automatically bundle BENEV's Exosome Regenerative Complex + (ERC+) exosomes as part of their treatment because it significantly reduces recovery time and calms down the skin's inflammation after the treatment is done."

Exosome Regenerative Complex and Exosome Regenerative Complex +

Exosomes are vesicles, rich in proteins and bioactive molecules that are responsible for



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cell-to-cell communication and facilitating the exchange of important proteins like ribonucleic acid (RNA) between cells. They have been studied in a wide range of skin conditions, including skin remodeling and wound healing, contributing to their advancement in medical aesthetic applications.

Exosome Regenerative Complex (ERC) and (ERC+) are unique in that the exosomes are powered by Exo-SCRT™ technology to separate and refine pure exosomes from stem cells. The result is a topical treatment that can be safely used to improve post-treatment healing or as a standalone and powerful regenerative treatment. These clinically proven, dual action complexes are post-care cosmetic solutions for topical use to promote a more youthful appearance.

“BENEV exosomes are the only exosomes that we have seen with short-term and long-term healing effects for exosomes technology.”

Containing isolated and purified exosomes, both ERC and ERC+ are reportedly the only cosmetic exosomes that have been accepted by the Personal Care Products Council (PCPC), and International Cosmetic Ingredient Nomenclature Committee (INC). Also, the name ‘Human Adipose Stromal Cell Exosomes’ was given and published in the International Cosmetic Ingredient Dictionary and Handbook (INCI book). With a shelf life of two years, these highly absorbable exosomes contain the necessary vital components such as growth factors, peptides and amino acids to improve the quality of skin cells.

According to the company, BENEV exosome products promote skin cell proliferation by up to 80% in a dose-dependent manner. ERC+

can be used to hydrate skin and promote a more radiant complexion but is also effective for hair regeneration as it noticeably reduces hair shedding while promoting a healthy hair growth cycle.

As Dr. Frieling mentioned above, she uses ERC after every treatment. “We apply them in quadrants after the area has been treated,” she said. “We prefer to use a SteriTip® to apply them, which allows even distribution in a clean manner.”

Dr. Chilukuri incorporates both Sylfirm X and ERC+ into his hair regeneration treatments. “BENEV exosomes are the only exosome technology that we have seen with short-term and long-term healing effects. I utilize the exosomes for hair regrowth,” he reported. “Platelet-rich plasma (PRP) is an effective treatment for hair restoration. In the past, I relied on PRP, but the problem is that some patients may not be ideal candidates. For example, if somebody previously used an anti-inflammatory, if they recently used aspirin or anything else that is going to affect platelet activity, they may not get as spectacular results if we use it immediately after a Sylfirm X treatment. But the ERC+ exosomes are consistent.”

“In my hair regeneration protocol, I apply the Sylfirm X at low energy settings into the scalp,” Dr. Chilukuri continued. “I then apply the ERC or ERC+ and with that we are getting incredible hair growth within a very short period of time; within about two, sometimes three treatments. This protocol has shown spectacular results for our patients.”

Patient Results

Sylfirm X standalone treatment results and patient reactions are truly impressive. “With treatments we are seeing the entire skin looks like it has been lifted up. It looks healthier with an improvement in skin luminosity,” said Dr. Chilukuri. “These treatments are very versatile, and I can effectively treat fine lines, even for patients with very fair skin types. We are also seeing an improvement in acne scars as

“We are seeing phenomenal results from resurfacing, tightening and dermal rebuilding aspects.”

well as lifting and improvement of the skin of the neck, so it does not look saggy. We see some change right after the first treatment, but the results do improve over time, especially about a month after the first treatment.”

Dr. Song has also noticed his patients’ reactions to Sylfirm X treatment results. “Patients notice improvement in texture, pigment and pore size as well as tightening and lifting. It is important to let the patient know before the treatment that the full results take time and will continue to improve with each subsequent treatment. We also let them know that maintenance is required to keep up with the results,” he noted. “Results get better over time but sometimes patients can see lifting and tightening immediately after the treatment. For the first treatment, it is helpful to do one side of the face first and then have them sit up and see the difference between the treated and untreated sides.”

In Dr. Song’s opinion, patients should consider maintenance treatments in accordance with their lifestyle and rate of aging. “A younger patient who takes good care of their skin may want to do one treatment every year to maintain results, whereas the older patient who does not really do anything else may want to get a maintenance treatment every three months,” he added.

“We are seeing phenomenal results from resurfacing, tightening and dermal rebuilding aspects. We see brightening of melasma and lentigines,” reported Dr. Frieling. “By treating the entire thickness of the skin, you fortify the skin structure and integrity while also inducing neocollagenesis and dermal remodeling. With the addition of exosomes, we believe this is the strongest and most impactful anti-aging treatment available in the U.S. We also see significant improvement in

scars, dermatitis and wound healing. Patients love this treatment! They are thrilled that it is not painful and that there is essentially zero downtime.”

Conclusion

Incorporating Sylfirm X into an aesthetic practice improves the patient experience and can extend benefits to an aesthetic business. According to Dr. Song, it provides his practice with an extra source of revenue which does not require the physician’s time. “Sylfirm X has been the best way for me to scale my practice using physician extenders,” he clarified.

Dr. Frieling concurs and added her take on the benefits. “It has allowed us to maximize the skin health of our patients, and as a dermatopathologist, this is of utmost importance to me and my team. It has demonstrated a powerful anti-aging technology that has improved our patient results and satisfaction.”

With the versatility of Sylfirm X, along with ERC and ERC+ topicals, BENEV continues to demonstrate its commitment to delivering technologies that exceed expectations and empower aesthetic physicians to offer patients the best in skin rejuvenation. With BENEV the future of aesthetics is happening now.

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Non-Invasive Devices as Practice Foundations: One Practice Manager's Perspective

By Kevin A. Wilson, Contributing Editor

From its beginnings in medical therapy devices through its rise as a developer of game-changing technology in aesthetic medicine, BTL Aesthetics (Boston, Mass.) has been focused on wellness. This philosophy is evident when one examines the non-invasive nature of their systems and the body of science behind each one, but more importantly, how these devices profoundly affect practices and patients.

Roxanne Krempa is lead body sculptor and practice manager at Bay Area Body in San Francisco, Calif. – the body sculpting arm of the practice of Kathleen Welsh, MD. Ms. Krempa is involved not only in treatment planning but has also used the devices and regularly interacts with patients. Her years-long reliance on BTL technologies is a testament to this wellness approach and how it impacts practices and patients.

“BTL has understood where the market was going from the beginning, and their suite of devices reflects that,” she began. “People have been yearning for safe, effective devices that deliver as promised, and that is exactly what BTL devices do, in all areas, but especially in muscle stimulation. The quality of outcomes compels people to invest in themselves; they are willing to pay for treatment because of the effect, making them willing to go further.”

She explained that BTL's Emsculpt and Emsculpt Neo muscle stimulation devices exploded onto the market because they were what the market wanted and more. “There is distinct aesthetic value to treatment with these devices, but also a functional improvement, and that is where the real stories come from. I have countless anecdotes about people who got back their ability to walk around the block, their golf game, and other lost activities, dramatically restoring quality of life. Patients' physical therapists ask them what else they are doing because their healing is well beyond what would be expected otherwise. I am sure providers around the world can say the same thing.”

Those providers who believe in the products get the greatest benefit. “Every provider in our practice is enthusiastically behind every one of the BTL technologies we use,” Ms. Krempa shared. “Trust is virtually built into BTL devices. The quality and quantity of research behind each one is impressive and growing. The company's support goes beyond just getting you to buy their stuff. They partner with you to create pathways for success from training to upgrades as they continue to develop things further. Plus, they are extremely easy to use, reliable and comfortable for patients, often

hands-free, so we can focus more on the patient, making visits more enjoyable and educational. That comfortable environment more easily fosters the relationships that create trust between providers and patients in our practice. This also opens up avenues to discuss other treatment options we offer.”

BTL has always acknowledged that their therapies are well-suited to be used alongside a variety of treatments, thanks to their non-invasive nature. For example, neurotoxin is a real beneficiary of a therapy like Emface,



Roxanne Krempa
Lead Body Sculptor and
Practice Manager
Bay Area Body
San Francisco, CA



Before and after a series of six combination treatments with Emsculpt+Emtone performed once a week
Photos courtesy of Bay Area Body

according to Ms. Krempa. “When you add something like neurotoxin after Emface, you can use less product, which is more efficient, whether you are going for microinjections or more traditional correction.”

As such, the company’s offerings are easily categorized as “gateway” devices, especially for populations most resistant to the prospect of aesthetic treatment, in Ms. Krempa’s experience.

“The results we get with BTL devices drive interest in our total suite of therapies,” she stated. “One great example is males. They are about 8% of the market now, but in our practice, it is more like 15% because of Emsculpt and Emsculpt Neo. Men have often shied away from aesthetic medicine but are very comfortable talking about muscles and fitness, which opens doors for them. It is so much easier to convert these patients to other therapeutic offerings. The same holds true for women as well. So many people want to dip their toes into the waters of aesthetic medicine, so if we can give them a great result with a great experience, they dive right into the pool.”

Often, the next steps are obvious complementary therapies that BTL offers. “BTL’s Total Tone Up or Face and Body treatment protocols are what people end up with when they try Emface or Emsculpt,” Ms. Krempa continued. “Almost inevitably, an Emsculpt NEO patient will go for Emface, or vice versa, because as they understand the one, the concept of the other becomes more accessible to them. It is vital to understand that this isn’t just about the aesthetic improvement, especially with these devices, because they make you feel physically good, even refreshed. And, for older patients who are losing muscle mass as they age, staving off that loss and even getting some back has the additional wellness benefits that feel great. The fat reduction benefits



Before and after a series of four treatments with Emsculpt performed once per week
Photos courtesy of Bay Area Body

help restore that balance as well. It is a win-win for everyone when you can build muscle, lose fat and feel great all around.”

Ms. Krempa indicated that is the very reason why the revenue stream for BTL devices in her practice has never abated. “The safety, convenience, comfort and outcomes we get inspire patient satisfaction that leads to loyalty and word-of-mouth advertising,” she explained. “This is true for every BTL device in our offices, and we have many of them. They are all still in regular use, which you cannot say for every device on the market. More than that, we don’t even have to push maintenance. Patients love what they are getting and ask us how much maintenance they can do.

“It is what makes BTL devices such an incredible investment and an important piece of the foundation of our practice,” Ms. Krempa concluded. “We launch a new device, and we hope for good return on investment (ROI). BTL devices are ROI home runs because we launch them, and they stay relevant and useful, from Exilis to Emsculpt. Even years later, these devices are producing revenue and helping us convert patients to other therapies in our practice. There are no signs of slowing down. These devices are exactly what any practice needs to thrive in the market – guaranteed long-term producers that you can count on for safety and efficacy.”

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AFTER

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AFTER

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BEFORE



AFTER

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A Graduated Approach to Skin Revitalization and Resurfacing

By Cindy J. Papp, Contributing Editor

Skin revitalization and resurfacing are highly popular trends in the world of aesthetics with continued growth driven by the demand for non- or minimally invasive procedures and proven results. Secret™ from Cutera (Brisbane, Calif.) offers physicians a chance to meet this

demand. Presenting a graduated approach to skin revitalization and resurfacing, the Secret family of products offer aesthetic practices the opportunity to build their armamentarium of devices.

Secret™ RF is ideal for providers that are interested in adding dele-
gatable treatments like

radiofrequency microneedling (RFMN) to their practice. Secret™ PRO brings together two gold standard treatments, RFMN and CO₂ for collagen stimulation* and skin resurfacing. The newly introduced Secret™ DUO is the latest platform offering dynamic facial revitalization for expanded skin types with little to no downtime via RFMN and 1540 nm non-ablative Er:Glass laser.

Nina Deep, MD, owner of Nina Deep MD Aesthetics in Columbus, Ohio, uses Secret RF for skin revitalization and considers it her go-to device to improve the appearance of surgical scars. “Secret RF offers multilayered dermal remodeling with a combination of radiofrequency and microneedling. I appreciate that it smoothly injects the needles with 100-micron precision, which really enhances patient comfort,” she reported. “We use the device to reduce acne scars, improve texture and tone, and decrease pore size. It is exceptionally effective at remodeling scar tissue.”^{1, 2, 3} Secret RF is intelligently designed with customizable settings so I can tailor treatments to meet the needs of each individual patient.”

Canadian Dermatology & Plastic Surgery Centre in Toronto, Ontario, Canada was the first clinic in Canada to offer Secret PRO. “As a dermatology clinic, we use Secret PRO frequently to treat acne scars. Our patients really notice an improvement in their skin and in their quality of life,” said lead dermatologist Renita Ahluwalia, MD. “We also use it frequently for skin resurfacing.

The CO₂ technology stays more superficial, and the RF goes deeper into the skin, so we notice improvement in pore size, texture and tone. Also, many of our patients see a lifting and tightening effect, as well.”^{1,2,3}

Dr. Ahluwalia reported that Secret PRO offers a degree of customization that other devices do not, with a choice of a 25- or 64-pin tip and customized penetration from 0.5 mm to 3.5 mm. The high-powered CO₂ laser features adjustable depths and scanning patterns for customized skin resurfacing. “This device is always busy in our practice because we can offer solutions for so many different patient concerns. Our patients are satisfied, we are satisfied, so we are all very happy,” she added.

“Some main advantages of this device compared to other devices on the market are speed and versatility,” reported plastic surgeon Stephen Ronan, MD of Blackhawk Plastic Surgery and MedSpa (Danville, Calif.). “The RF combination of shorter pulses and fast protrusion and protraction rates of the pins results in quick treatments and localized damage in the skin, which means less downtime. Fractional CO₂ increases efficacy of the treatments. My patients are active and require little to no downtime, so they are excited about the ease of the procedures and the results achieved in a single treatment with minimal downtime.”

Nonsurgical aesthetic treatments remain in demand, making multi-treatment platforms a standard for today’s aesthetic physicians. With innovative products that have enabled physicians to provide safe and effective treatments since 1998, Cutera continues the trend with an all-in-one solution to suit aesthetic practices at any level and of all types.

* Via hemostasis and coagulation.

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Before and after two treatments with Secret PRO
Photos courtesy of Renita Ahluwalia, MD



Nina Deep, MD
Owner
Nina Deep MD Aesthetics
Columbus, OH



Renita Ahluwalia, MD
Dermatologist
Canadian Dermatology &
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Toronto, Ontario, Canada



Stephen Ronan, MD, FACS
Plastic Surgeon
Blackhawk Plastic Surgery
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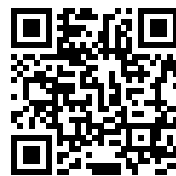
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A New Age for Plasma Technology

By Cindy J. Papp, Contributing Editor

Gas-derived nitrogen plasma has emerged as a new gold standard in energy-based aesthetic technology for skin rejuvenation and comprehensive corrective dermal health. Developed by Energist Ltd. (Swansea, U.K.) and distributed in the U.S. by Emergentmedtech (Hudson, N.H.), NeoGen PSR is a leader for this unique energy source with seven FDA indications.

NeoGen PSR is reportedly the only plasma technology with 7 FDA indications. The device is cleared as a skin resurfacing procedure for the face, neck and chest, harnessing the power of nitrogen plasma for a safe and effective solution to skin revitalization and overall tissue regeneration. This device uses an ultra-high frequency (UHF) generator to convert inert nitrogen gas into activated ionized gas, or plasma, using nitrogen plasma for skin regeneration. Investigators in one clinical study found a 37% reduction in facial rhytides, with 68% of the participants noting an overall improvement in facial appearance.¹

"We have a number of energy-based devices in our practice," reported W. Christopher Croley, MD, owner of Skin and Tonic (Pace, Fla.). "What consistently makes NeoGen PSR stand apart from other treatments are the drastic results obtained with one treatment. We can achieve results similar to CO₂ with a fraction of the social downtime associated with more aggressive laser resurfacing." He added that one NeoGen PSR treatment shows skin tightening results similar to three radiofrequency microneedling treatments, and is more predictable than ultrasound.

Nitrogen plasma energy is non-ablative, leaving the epidermis fully intact during the four-to-seven-day social recovery period. During recovery, the epidermis acts as a natural biological dressing with little risk of infection. NeoGen PSR proliferates planar and volumetric collagen, elastin and hyaluronic acid (HA) to treat the entire architecture of the dermal structures for a full field resurfacing treatment that initiates regeneration deep below the skin's

surface. Physicians can provide tailored solutions to match the patient's desired outcome, from a low-energy "lunchtime" treatment to a high-energy transformational procedure.

In two years, Shaun Charles Med Spa in Wakefield, Mass. has effectively treated over 3,200 clients becoming the top NeoGen PSR provider in the world. "We have become the most experienced NeoGen PSR provider and as a result have clients that not only drive and fly to us from all over the U.S., but from all over the world," reported Jeff Spanos, business manager and co-owner of Shaun Charles Med Spa, which also won The Aesthetic Award for Best Nonsurgical Facial Rejuvenation Enhancement in 2022. "NeoGen PSR is distinct from other technologies, using nitrogen plasma energy as its primary driver. These treatments build back massive amounts of elastin, fibroblasts and collagen in a single visit versus other treatments that must be repeated as a series."

NeoGen PSR is unique in that it generates plasma from medical grade nitrogen to deliver controlled heating to the skin's architecture stimulating a significant physiological response without creating an open wound. As plasma emerges from the handpiece in controlled pulses, rapid heating of the tissue occurs providing a unique thermal energy to treat photodamaged layers of the skin with controlled thermal modification. The nitrogen



Before and after treatment with NeoGen PSR
Photos courtesy of Shaun Charles Med Spa



W. Christopher Croley, MD
Owner
Skin and Tonic
Pace, FL



Jeff Spanos
Business Manager and
Co-Owner
Shaun Charles Med Spa
Wakefield, MA



Shaun Spanos, NP
Co-Owner
Shaun Charles Med Spa
Wakefield, MA

plasma energy bypasses the epidermis, creating heat spread in the dermis, papillary and reticular structures, significantly mitigating the risk of infection. Additionally, there is no epidermal vaporization or charring, and the entire skin surface is regenerated with improved collagen and elastin production.

“This device seems light-years ahead of most other technologies, and we have seen dramatic changes and transformations that rival surgical results. We had to purchase a second machine to keep up with the incredibly high demand and are booking out for months,” Jeff shared.

According to Shaun Spanos, NP, co-owner of Shaun Charles Med Spa, NeoGen PSR allows them to treat a range of concerns including skin laxity, deep and fine lines, active acne and body issues such as abdominal laxity, surgical scars and stretch marks with good outcomes.

“There is no other technology or device on the market that we have tested that can do what NeoGen PSR can do,” Shaun noted. “We see visible results much faster than other treatment options that are available in the aesthetic space, and we continue seeing improvements 12 to 24 months after treatment. Our clients are happy, and the word-of-mouth referrals are far more than other services we offer.”

NeoGen PSR’s unique handpiece administers non-fractionated energy for uniform absorption and consistent treatments. Settings are customizable based on patient concerns, goals, skin tone and downtime consideration, and clinical studies show significant tightening with a 22% mean improvement in upper eyelid tightening.² NeoGen PSR is safe for all skin types, and can be used on the entire body to address concerns such as improvement in overall skin texture, tone, pigmentation correction and dramatic skin tightening.



Before and after treatment with NeoGen PSR
Photos courtesy of Shaun Charles Med Spa

According to Dr. Croley, the technology is very easy to learn and user friendly. “This device is exciting to me because of the range of conditions and patients we can treat with one technology. This is a device that can be used on almost every patient seen in our practice with minimal associated risks and high patient satisfaction.” He added that there have been no long-term adverse outcomes associated with the technology, and the device can be used on all skin types, making adjustments for Fitzpatrick skin types IV-VI.

“There are minimal costs associated with operating the device, treatments can be delegated in some states, and it has a very high return on investment (ROI),” Dr. Croley concluded. “NeoGen PSR is consistently in our highest profit per provider, per hour, and highest profit per room, per hour categories. Training and ongoing support from Emergentmedtech Technologies is outstanding, making this device by far one of our best investments.”

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Achieving Less Epidermal Damage for All Skin Types After RF Microneedling Treatments

By John Jesitus, Contributing Editor

Performing energy-based treatments for patients with darker skin types requires great caution. An innovative bipolar radiofrequency microneedling (RFMN) device allows providers, including physician extenders, to address skin laxity, acne and acne scars in all skin types safely and effectively, without risk of post-inflammatory hyperpigmentation (PIH).

Sarah Haydel, MD, a dermatologist in Houma, La., said that her practice has performed more than 500 procedures on the face, neck and chest with the Scarlet SRF by VIOL Co., Ltd. (Gyeonggi-Do, Korea). “The neck has been the most “home-run location” for skin laxity and tightening,” she shared.



Before and six weeks after the third treatment with Scarlet SRF
Photos courtesy of Sarah Haydel, MD

Scarlet SRF's patented ‘Na effect’ minimizes thermal damage to the epidermis.¹ With non-insulated microneedles, maximal tissue coagulation occurs around the tip of each electrode and forms a teardrop shape as treatment time increases, resulting in less epidermal damage.

In southern La., most of Dr. Haydel's patients have darker skin. “I feel very comfortable with this procedure not burning their skin or creating a risk of post-inflammatory hyperpigmentation.” Recent studies in which most patients had Fitzpatrick type III skin and acne, acne scarring or facial and neck wrinkling bear out her experience.^{2,3}

Having tested several RFMN options herself, Dr. Haydel found Scarlet SRF to be the most comfortable for patients, requiring only pre-procedure topical anesthesia. “Some of the other devices can only be tolerated with local nerve blocks, nitrous oxide or under anesthesia,” she explained. While demand for laser treatments that require strict sun avoidance lags during summer, Dr. Haydel added, the Scarlet SRF stays busy year-round.

Most patients require three treatments, performed one to three months apart, then one to three treatments yearly depending on their overall skin health, she shared. “This procedure is very fast

and efficient,” she mentioned. Treating around the eyes can take five to ten minutes, versus 15 to 20 minutes for the neck, 30 minutes for the full face and 45 minutes for the full face and neck. “This short treatment time makes it quick to turn over the room for the next patient.”

Moreover, quick treatments facilitate synergistic treatment combinations. “For eyelid bags and lower-face laxity, we often combine Scarlet SRF and Agnes RF on the same day for 20% more dramatic results,” Dr. Haydel shared. “Results are even more noticeable when we incorporate EXOIE, a skin revitalization serum with exosomes that helps reduce inflammation and aids with cell proliferation.” Scarlet SRF, Agnes RF (Agnes Medical) and EXOIE are distributed in the U.S. by Aesthetic Management Partners (Cordova, Tenn.).

With a quick learning curve, the Scarlet SRF allows Dr. Haydel to delegate procedures to physician extenders. Additionally, the device's low-cost disposable tips and easy cleanup boost her practice's return on investment and bottom line by allowing treatment of one or two more patients daily.

Dr. Haydel also likes the customer service she has received. “One thing that Aesthetic Management Partners does extremely well is take care of the practice after the purchase of a device. Their continuing education and advanced training are by far the best I have seen in 20 years in practice.” Attending a 2022 users' summit in Atlanta, Ga. markedly improved her staff members' technique and results, she added.

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Sarah Haydel, MD
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SCAN ME

FDA-Cleared Ultrasound-Based Device Offers Versatile Acne Scar Treatment

By Jessica Barry, Contributing Editor

Results from a multi-center clinical study suggest that the Sofwave™ device from Sofwave (San Clemente, Calif.), may offer physicians the versatility needed to improve the appearance of acne scars in patients from a variety of demographics. Having recently gained clear-

ance by the U.S. Food and Drug Administration (FDA) to treat acne scars, this high-intensity ultrasound device is also cleared to improve facial lines and wrinkles, lift the eyebrows, lift lax submental and neck tissue, and treat cellulite short term.



Before and three months after final treatment with Sofwave
Photos courtesy of Arielle Kauvar, MD

three months post-treatment. At three months, masked evaluators noted that 97% of subjects showed an average improvement of 46% relative to the average baseline acne scars severity grading, while 88% of subjects reported improvement in their acne scar appearance. There were no adverse events reported.

“By including patients with many different skin types across a wide range of ages, we were able to really see the distinct benefits this device can offer patients based on their individual skin needs,” said Anne Chapas, MD, dermatologist and medical director of UnionDerm (New York City, N.Y.), who was also involved in the study. “In younger patients, we saw improved texture of scars while, in older patients, we saw the device address skin sagging caused by both post-acne inflammation and aging.”

“What really impressed me was how well patients with darker skin did with the treatment,” Dr. Goldberg shared. “It can be very challenging to treat darker skin types with many of these energy-based technologies due to the risk of hyperpigmentation after treatment, but we had no issues. This treatment is beyond safe for patients with skin of color.”

Dr. Chapas also mentioned the absence of downtime for acne scar patients. “Almost every other device-based treatment for acne scars has some recovery time,” noted Dr. Chapas. “But with this, there was absolutely nothing.”

“This device ultimately gives us some versatility,” she added. “We can treat both younger and older patients with any skin type non-invasively, and we have the data to back it up.”

Researchers at four sites across the U.S. used Sofwave’s synchronous ultrasound parallel beam (SUPERB™) technology to treat moderate-to-severe acne scars in 67 subjects with a variety of skin types, ranging in age from 18 to 80 years old. This device delivers high-intensity ultrasound to the mid-dermis at a depth of about 0.5 mm to 2.0 mm, increasing skin tissue temperatures to 60° C to 70° C with simultaneous feedback-controlled skin cooling. Treatment results in the production of collagen and elastin.

“An acne scar is like a deep crater in the skin. We want to build up the damaged skin tissue to help fill in that crater,” explained David Goldberg, MD, JD, dermatologist and medical director of Skin Laser & Surgery Specialists, a division of Schweiger Dermatology Group (New York City, N.Y.), who was involved in the study. “Sofwave does this by creating new collagen below the skin as well as tightening the skin, which makes the scar less obvious.”

Participants received three treatments every two to four weeks, which targeted about 1.5 mm below the area of the skin affected by acne scars. Results were measured at one month and



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Anne Chapas, MD
Dermatologist
Medical Director
UnionDerm
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Courtesy of Anne Chapas, MD



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Shockwave Impacts Plastic Surgery and Aesthetic Procedures

By Cindy J. Papp, Contributing Editor

Today's aesthetic patients expect effective treatments that help them look and feel better with little to no downtime. Physicians are responding by offering post-care and stand-alone procedures that provide the results that patients desire. Acoustic shockwave therapy is quickly becoming central to many aesthetic practices thanks to its versatility, comfort and ability to deliver results when used alone and in combination with other cosmetic treatments.

Zimmer MedizinSystems' (Irvine, Calif.) *Z Wave* is an acoustic wave therapy device that incorporates high energy radial shockwaves. Practitioners report that it improves outcomes by stimulating collagen production, in addition, it improves skin elasticity and may improve skin structure and connective tissue. Christine Watson, MD, medical director and owner of Body Bar MD (Terre Haute, Ind.), explained that the device sends targeted energy to enhance lymphatic drainage while increasing circulation. This makes it an effective cellulite treatment and an ideal adjunct therapy for treatments such as cryolipolysis, liposuction and breast augmentation.

"*Z Wave* sends radial shockwaves to the treatment area to break up the fibrous bands called septae and release the tissue, thereby decreasing the look of cellulite," Dr. Watson mentioned "We also use it in combination with other treatments such as platelet-rich plasma (PRP) in areas of more prominent cellulite, or with microneedling to help tighten the skin around cellulite. We also use it as a post-liposuction treatment to improve the look of common side effects like skin irregularities." She added that the most exciting aspect of *Z Wave* is in sexual health, thanks to the addition of established sexual medicine treatments that incorporate *Z Wave*.

Z Wave^Q utilizes an innovative water-cooling generator with an ergonomic handpiece that acts as a shock absorber, providing comfort to both practitioners and patients. Energy spreads soundwaves radially to cover more of the treatment area and enhance metabolic activity. It allows physicians to provide an all-in-one body contouring solution and

enhances other cosmetic procedures while maintaining the ambiance of a relaxing med-spa environment.

Anna Buinewicz, MD works alongside her husband, plastic surgeon Brian Buinewicz, MD at Buinewicz Plastic Surgery and Medical Spa (Doylestown, Pa.). She reported that she uses *Z Wave* as a post-surgical procedure to expedite recovery and enhance patient outcomes. "We use *Z Wave* to enhance both post-surgical and nonsurgical results for our practice. For example, we use it after cryolipolysis for a more aggressive massage to reduce edema and enhance the results. Using *Z Wave* is more professional and less burdensome than a hand massage," she explained.



Capsular contracture before and three months after six biweekly treatments with *Z Wave*

Photos courtesy of Anna Buinewicz, MD

Dr. Buinewicz shared that she also has great success using *Z Wave* as a standalone treatment for capsular contracture patients. "The protocol we have developed includes a treatment time of about 15 minutes, with an average of four to ten weekly treatments," she reported. "The ability to treat capsular contracture and prevent the patient from being subjected to an additional surgery and anesthesia is absolutely amazing!"

"The *Z Wave* provides a lot of value in my practice because of the versatility compared to the cost," Dr. Watson added. "We use it often and it plays a central role with many emerging treatments for regenerative therapies." For plastic surgeons who desire to complement body sculpting procedures, provide a quicker and easier recovery, and offer a nonsurgical option for their patients, *Z Wave* delivers safety and efficacy, making it a rising star in modern aesthetic practices.



Christine Watson, MD
Medical Director and
Owner
Body Bar MD
Terre Haute, IN



Anna Buinewicz, MD
Co-Owner
Buinewicz Plastic Surgery
and Medical Spa
Doylestown, PA

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Interactive Skin Visualization Platform Transforms Practice Workflow

By Jessica Barry, Contributing Editor

In a busy aesthetic practice, optimizing workflow can be a challenge; efficiency relies on quick, clear communication between providers, office staff and patients. Kelly Hermans, CRNA, founder of Beautiphi Aesthetic Boutique (Rochester Hills, Mich.), believes she has found a game-changing solution: Observ® 520x from Sylton (Ann Arbor, Mich.).

The Observ captures high-definition (HD) images from five different angles with ten different light modes to assess skin health at the epidermal and dermal layer. Available light modes include Daylight, True UV, WOODS (Wood's Lamp), Cross and Parallel Polarized, Surface Texture, Pigmentation, Vascularity and 360 Light Mode in both daylight and greyscale.

"I use Observ 520x during all my new patient appointments and consultations, and it has really helped my business," Ms. Hermans shared. "My background is anesthesia, so I come from the hospital world where we use these things called workstations on wheels – and that is how I use it."

Observ 520x's patented face positioning system and hood sit on top of a stand with wheels, allowing the device to move as needed. "When I have a busy day of seeing patients, I can go from room to room and just roll it with

me," she mentioned. "The same iPad that I chart with, I use to connect to the camera via the docking station on the back of the device, and the cloud-based app stores all the images and notes I take. I have everything I need at my fingertips."

"Once the information is in the app, anyone in the office can pull it up immediately," Ms. Hermans added. "It is great for patients too because I can send images, recommended skin-care products, treatment progress and plans, and even a cost estimate, straight to their email where it will not get lost. It keeps everyone on the same page."

In Ms. Hermans experience, patients also benefit from being able to see their skin from an objective viewpoint. "Before using Observ 520x, I would essentially explain the patient's skin condition based off of what I saw upon physical examination," she explained. "But I have learned that patients often have a hard time seeing themselves objectively."

"Patients look at themselves every day," added Ms. Hermans. "They may not see how their skin has changed because the changes are too gradual. With Observ 520x, the evidence is right there, and it is hard to argue with. It really opens the door for better conversation between providers and patients."

By taking updated pictures with every visit, Ms. Hermans also reinforces patient trust in her expertise and treatment strategy. "My practice is very membership based because I do not believe patients can see significant changes with just one or two treatments a year," she explained. "As a result, I have had patients come to me after two out of six treatments saying, 'I do not see a result, but I just spent \$4,000.' My immediate response is always, 'Let's do a scan real quick!' I do not try to convince the patient they look better. Observ 520x does the talking for me."



Kelly Hermans, CRNA
Founder
Beautiphi Aesthetic
Boutique
Rochester Hills, MI



The Observ 520x device
Photo courtesy of Sylton

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Enzyme Treatment Protocol Harnesses Power of Skin's Stem Cells

By Jessica Barry, Contributing Editor

Many regenerative aesthetic treatments counteract signs of aging by harvesting stem cells from bone marrow, blood or fat tissue. Yet, none have been able to offer a way to stimulate the renewal ability of the skin's existing stem cells. StemZyme™, a non-invasive, non-immunogenic enzyme treatment from Danné Montague-King (DMK; Los Angeles, Calif.) seeks to fill this gap.

Adult epidermal stem cells play a vital role in the skin's ability to maintain optimal health, but, during the aging process, the number of an individual's epidermal stem cells diminishes by 10% to 15% per decade. Epidermal stem cells differentiate into the many specialized cells that make up healthy skin tissue so this loss leads to changes in the appearance and function of the skin.

StemZyme uses a blend of enzymes and bioactive botanical ingredients to remove dead skin cells, halt the decline of existing epidermal stem cells, and encourage epidermal stem cell renewal and differentiation. It also inhibits the overexpression of genes that can lead to cancerous or benign tumor growth.

"There is no parallel approach when it comes to targeting stem cells in the skin," noted Jayant Lokhande, MD, chief scientific officer at DMK. "We do not include any stem cells in treatment; instead, we address each patient's unique adult epidermal skin cells. This treatment essentially puts the skin's stem cells into mitotic shock, so they divide and increase in number. Then, we guide these new epidermal stem cells to differentiate into the various cells needed for healthy skin – something other treatments cannot do, as they do not work with stem cells specific to the skin."

This 50-day protocol features five in-clinic enzyme treatments and a detailed home prescriptive care regimen. The first treatment includes cleansing with the Embioment™ cleanser, which preserves and strengthens the skin's

microbiome, followed by an Alkaline Wash and Exoderma Peel treatment, both of which act as resurfacing agents to remove dead skin cells. Providers then apply several serums and emulsions, which activate epidermal stem cells, increase and maintain cell turn over, and support stem cell mitosis and differentiation. Broad spectrum SPF 40 is applied at the end of each treatment to protect results.



Before and after one StemZyme treatment
Photos courtesy of Patricia Zacour

Patients also receive four maintenance enzyme treatments with StemZyme serums spaced 12 days apart. Meanwhile, at home, patients must follow the highly detailed home prescriptive care regimen, which features the same cleanser used during treatment, sunscreen and serums responsible for maintaining stem cell renewal and differentiation. They also receive a dietary supplement that provides nutritional support for new epidermal stem cells.

"StemZyme's protocol is definitely more intense than other treatments, and my clients have to be faithful with their home care, but so far all have followed the instructions well – and the results show it," shared Patricia Zacour, esthetician and DMK Professional Paramedical Skin Therapist at Studio Seven (Washington, Penn.). "One of my clients was so impressed with the results of just one of her StemZyme treatments that she canceled her upcoming lower facelift."

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Jayant Lokhande, MD
Chief Scientific Officer
DMK
Los Angeles, CA



Patricia Zacour
Esthetician
Studio Seven
Washington, PA

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Novel Technology Leads to Improved Scar Quality and Better Incision Healing

By Cindy J. Papp, Contributing Editor

Many of today's patients turn to aesthetic and reconstructive surgeries to restore health, and improve appearance for increased self-esteem and confidence. While most can achieve their desired outcomes, a resulting scar can cause undue stress to the patient during and after healing. To improve this, the Brijjit Force Modulating Tissue Bridge from Brijjit Medical (Marietta, Ga.) is helping physicians relieve skin tension, support the post-operative healing process and help scars *Heal Beautifully*®.

Abigail Rodriguez, MD a board-certified plastic surgeon in Houston, Texas, explained that tension is the enemy to healing and scars. "With increased tension on a surgical incision, the skin edges have the tendency to separate during the healing phase. Over time, the scar may develop undesirable features such as thickening and widening. Brijjit relieves the tension along the skin edges of a fresh incision to promote faster healing, and along the edges of a healed incision to optimize the scar's appearance."



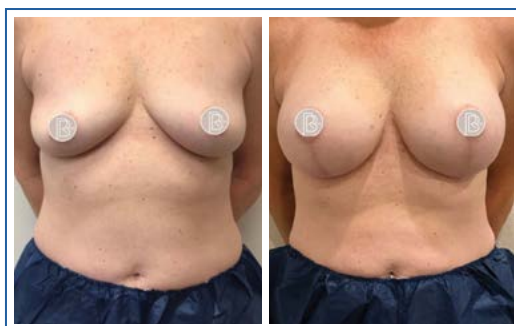
Abigail Rodriguez, MD
Plastic Surgeon
Houston, TX



Holly Casey Wall, MD
Surgeon
The Wall Center for Plastic Surgery
Shreveport, LA



Renee Burke, MD
Owner
Renee Burke MD Aesthetic and Plastic Surgery
Barrington, IL



Before and after use of Brijjit Force Modulating Tissue Bridge post mastopexy augmentation
Photos courtesy of Renee Burke, MD

The Brijjit device is applied with an ergonomic fingertip applicator to enable precise positioning around the wound. A medical grade pressure sensitive adhesive allows for a secure closure with a breathable adhesion that lasts for up to four weeks. It shields the wound during movement to protect the healing process while supporting mobility.

According to Holly Casey Wall, MD, surgeon at The Wall Center for Plastic Surgery (Shreveport, La.), Brijjit creates tension dispersal. "Incisions that are under tension will create a wider scar and potentially separate. This device disperses tension far beyond the incision line with no dehiscence of the scar, resulting in a scar line that is pencil thin," she reported. "As a surgeon, I love that it has essentially stopped any separations of breast incisions due to tension," she reported. Dr. Wall added that Brijjit is ideal for short scars, the long, vertical incisions of breast, arm and thigh surgeries, as well as abdominoplasties.

This device can help make surgeries more efficient, stated Renee Burke, MD, owner of Renee Burke MD Aesthetic and Plastic Surgery (Barrington, Ill.). "Brijjit can help reduce the time we are in the operating room, because we can use the device in place of an extra layer of suturing," she noted. "It was also easy to incorporate as part of a patient's post-operative regimen.

"I use the Brijjit device on most of my body contour surgeries," Dr. Burke continued. "I use it on breast lifts by placing the Brijjit devices from the level of the nipple all the way down to the crease of the breast. It helps the vertical scar fade and become as imperceptible as possible. Applying Brijjit right after surgery where the wound is at its weakest may also protect it from anything that might superficially contaminate the incision or that could interfere with wound healing."

Dr. Rodriguez says that Brijjit has been easy to adopt into her practice and has improved surgical outcomes regarding scars. "With fewer wounds and scars requiring revision, Brijjit has the potential to reduce costs after surgery and reduce the need for additional clinic visits," she explained. "It has also helped me emphasize to my patients that I am doing my best to give them beautifully imperceptible scars. It is a wonderful tool to have in our toolbox as plastic surgeons."

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A Novel Approach to Nonsurgically Remove Unwanted Skin Tissue

By Cindy J. Papp, Contributing Editor

Nonsurgical blepharoplasty using plasma technology is the fourth most in-demand aesthetic treatment today, according to the *American Society for Aesthetic Plastic Surgery*. However, devices like the PLEXR® Plus from MedResults (Glendale, Calif.) are proving that plasma has much more to offer.

PLEXR Plus is a device that can treat a wide range of patient concerns including droopy eyelids, sagging skin, fine lines and wrinkles. Sometimes called “soft surgery,” this innovative device allows physicians to treat the entire face and neck for plumper, more youthful looking skin.

Tess Mauricio, MD, board-certified dermatologist and founder of M Beauty Clinic (Beverly Hills, Calif.) specializes in regenerative aesthetics and is known for her plasma-based specialties – the Rockstar Treatment and SUBLIMAX Eye Opener. “PLEXR Plus is a non-invasive plasma energy technology which resurfaces the skin without downtime. The Rockstar Treatment is a trademarked procedure inspired by my celebrity patients who crave anti-aging rejuvenation without downtime,” she explained. “It helps improve skin texture and fine lines, and promotes a lifting effect around brows, eyelids and jowls. Depending on the patient’s baseline, even a single treatment with PLEXR Plus can deliver results that patients are happy with.

“My SUBLIMAX Eye Opener uses the process of sublimation plasma energy to convert solid tissue directly to a gas, removing extra tissue without cutting or scarring,” Dr. Mauricio continued. “The result is nonsurgical retraction, tightening, lifting and rejuvenation of lax, droopy and hooded upper eyelids. Patients are loving the treatment and the fact that their eyes appear more open and rejuvenated.”

Plasma energy is an innovative advancement in aesthetic medicine. With the PLEXR Plus, plasma is created between the device probe and the

skin resulting in a spark and superficial sublimation to reduce the total surface area of treated skin, without damaging the deeper layers of the dermis. The PLEXR Shower is a non-ablative modality with a specific triangle-tip that can be used to treat a large spot size allowing physicians to treat the entire face in five minutes.

Maryam Hekmat, MD, founder and medical director of VIP MedSpa Clinic (San Diego, Calif.) uses PLEXR Plus for skin tightening and rejuvenation for her patients. “I use PLEXR Plus mainly for upper and lower eyelid skin tightening, around the mouth and upper lip for deep lines, and also neck rejuvenation. This device is also a great add on to other procedures like a liquid facelift.”



Before and after one treatment with PLEXR Plasma
Photos courtesy of Maryam J. Hekmat, MD, FACP

Dr. Hekmat reported that the sublimation plasma energy of the PLEXR Plus allows her to treat a wide range of other patient concerns, as well. “I use PLEXR Plus daily for skin lesion removal and abdominal skin tightening, and I also combine the treatment with injectables like fillers to help with volume loss. PLEXR Plus has created a tremendous number of happy clients for us, and it shows as I have paid off my device in the first four to five months after the purchase!”

“My patients and I are very pleased with the results,” Dr. Mauricio added. “PLEXR Plus offers predictable results, and bridges the gap between non-invasive, nonsurgical procedures and surgery.” Thanks to versatility and efficacy, it seems the PLEXR Plus is a game changer for modern aesthetic practices.



Tess Mauricio, MD
Dermatologist
Founder
M Beauty Clinic
Beverly Hills, CA



Maryam J. Hekmat, MD, FACP
Founder and Medical
Director
VIP MedSpa Clinic
San Diego, CA



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Medical Spa Success with Dual-Wavelength Laser Technology

By Kevin A. Wilson, Contributing Editor

For a device to thrive in a medical spa setting, it must meet a specific set of requirements. These requirements include the ability to be utilized safely by trained personnel with minimal medical supervision, provide real results, appeal to existing and potential patients, and be cost effective to operate. While this ideal may be adjusted by regional governmental regulation, it is essentially the same across the board. The best devices meet all these requirements but also maximize safety and efficacy.

One device – the dual-wavelength ADVATx laser system from Advalight (Copenhagen, Denmark) – prides itself on meeting these requirements. For Morgan Puckett, RN, who owns Fyre Aesthetics in Helena, Mont., ADVATx was the first major device she acquired and she relies on the platform to bring in patients and profits. “With 25 FDA/CE-cleared indications, it gives me incredible versatility,” she explained. “I can treat virtually any patient of any age with skin issues, from gentle to more aggressive treatments, whatever fits their needs. I have access to medical grade skincare, but ADVATx takes us to that next level of capability.”



Before and after one course of treatment with ADVATx
Photos courtesy of Fyre Aesthetics



Morgan Puckett, RN
Owner
Fyre Aesthetics
Helena, MT

ADVATx features the 1319 nm and 589 nm wavelengths, individually or concurrently (via proprietary PulSync Technology). Their 1319 nm wavelength is a known mainstay for thermally generated dermal collagen remodeling, with water as its chromophore. The 589 nm,

or yellow, wavelength is well established as the gold standard for vascular lesions and has recently been shown to reduce porphyrins.* This can, in turn, reduce inflammation, thus presenting the potential to impact a variety of inflammatory skin indications. Together they present a complementary and versatile tool-set in a single platform.

A typical patient experience – after a thorough consult with expert evaluation and treatment planning – involves a relatively comfortable treatment after a simple cleanse, modified slightly, if more aggressive treatment is called for. According to Ms. Puckett, treatment times range from a ten-minute spot treatment to 45 minutes for a full face. “Having no consumables is huge here. It allows us to treat freely without reducing return on investment, which has been great for us. Some months I am bringing in two to four times what I used to before ADVATx, which is so exciting that I am still not used to it.”

In her region, use of the device can be delegated to trained ancillary staff. “We worked with Reveal Lasers to add the ADVATx and the company has really partnered with us to make sure training is thorough,” she explained. “Our training included didactic as well as the hands-on, and the specialists they flew out left us comfortable and prepared.

“‘Seamless and simple,’ are the words I would use to describe working with Reveal to integrate the ADVATx into the practice,” she continued. “All other support has been outstanding as well, from sales and marketing to ways we can make the most of the device, and ways we can better manage our business. My account manager at Reveal is like family and has been there every step of the way.”

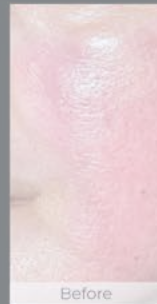
Simply put, adding ADVATx with Reveal has catapulted her practice forward in every way. “To me, ADVATx is like having another provider in the office that is an expert on skin and a magician with the results,” said Ms. Puckett.

*Data on file, Advalight (Copenhagen, Denmark)

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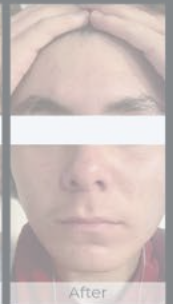
Before



After



Before



After

Combined 589/1319 nm, Rosacea

Photo Courtesy:

Marek Jankowski, MD

Combined 589/1319 nm, Acne

Photo Courtesy:

Krave Medical Aesthetics

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Scars

Rosacea

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FDA CE

Redefine Aesthetic and Dermatological Treatments with Advanced IPL

By Cindy J. Papp, Contributing Editor

Intense Pulsed Light (IPL) therapy utilizes cutting-edge technology to address a wide range of aesthetic and dermatologic concerns with treatments that require no surgery and little to no downtime. Today, IPL devices are a staple in many aesthetic practices as they allow physicians to offer anti-aging and skin rejuvenation treatments, hair removal, and nonsurgical options to treat sun damage and other common skin problems.

The Luvo Lucent IPL from MRP (Park City, Utah) uses gold standard technology to address common skin concerns and dermatological conditions. At 3,500 W, this powerful device effectively targets pigmentation concerns such as age spots and vascular lesions, as well as hair removal and has the ability to combat acne by eliminating acne-causing bacteria. It also comes equipped with four specially designed pulse modes and seven filters that allow for expert, customized treatments.

Rishi Gandhi, MD, a double board-certified dermatologist (Dayton, Ohio) specializes in skin cancer management with Mohs and reconstructive surgery, cosmetic surgical procedures, and minimally invasive aesthetic enhancement. He regularly uses the Lucent IPL

for a wide range of concerns. “The Lucent IPL is the highest-powered IPL device. It allows us to deliver phenomenal outcomes in very few treatments to improve pigmentation, redness, texture, and tone on the skin,” he reported. “And because of its power, we see results much faster than some other IPL platforms that don’t offer this range of pulse duration power.”

Through one handpiece with seven filters (430 nm to 755 nm), the Lucent IPL platform conveniently offers the ability to treat multiple indications with one system. Moreover, filter detection technology improves safety and helps reduce errors. In addition, physicians can choose from three spot sizes including 5.6 cm² to treat larger areas in shorter treatment times.

According to Dr. Gandhi, “the performance of this IPL is really superior from other ones I have used. “The range of filters that I can use to customize unique treatments for my patients is also quite impressive and makes the device very engaging to use. One of my favorite features is the 585 filter, which is unique to this IPL and not seen in other platforms. It almost approximates what one can do with a pulsed dye laser, which has always been the gold standard for treating vascular skin conditions.”

Dr. Gandhi is impressed that he can provide treatments with speed and efficiency, with consistent and impressive outcomes. “My patients are getting very positive results in fewer treatments,” he said. “When they see quick improvement, they gain more confidence and are more inclined to return for more skin rejuvenation treatments.”

Luvo Lucent incorporates a user-friendly interface and the ability for the operator to store their favorite preset settings. The device also provides robust contact cooling to help increase patient comfort and safety. Overall, users say the Lucent IPL is a versatile light-based device that offers an improved treatment experience for both physicians and their patients.



Before and after two treatments with Luvo Lucent IPL
Photos courtesy of MRP



Rishi Gandhi, MD
Dermatologist
Dayton, OH

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Lesions



Pigmentation &
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Acne

Introducing The First Premium IPL at an Affordable Price



lucent ipl



"The Lucent IPL is the highest powered IPL platform that can improve both pigment and vascularity with excellent results. The power, large crystal size, and wide range of filters makes this platform one of my favorites. I have been most impressed with the speed and efficiency in which I can do these treatments with very impressive outcomes.

— Dr. Rishi Gandhi, MD
Ohio Skin Center, Dayton, OH

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Energy-Based Devices: The Mainstays of Aesthetic Practices

By Cindy J. Papp, Contributing Editor

Energy-based aesthetic devices offer a wide range of applications in aesthetic clinics and medical spas to rejuvenate skin and help patients enhance their appearance. According to Global Market Insights, the energy-based aesthetic devices market was valued at \$4.1 billion in 2022 and is projected to reach \$13.4 billion by 2032.¹

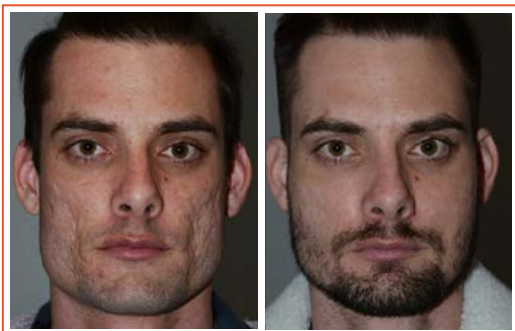
“Energy-based devices have literally opened the door for patients seeking aesthetic improvement who previously only had traditional surgical options available to them,” said David Kent, MD, founding partner of Skincare Physicians of Georgia (Macon, Ga.). “We can craft a treatment plan of complementary technologies and procedures that can help them achieve the results they are looking for.”

A Few of My Favorite Things

According to Monica Boen, MD, a dermatologist at Cosmetic Laser Dermatology (San Diego, Calif.), energy-based devices help improve skin quality with less downtime than traditional surgeries. “A key area that can be improved with energy-based treatments is skin laxity and excess fat in the neck. I use a combination of a monopolar radiofrequency (RF) sub-surface device and liposuction to improve submental fat and skin laxity in the neck. This combination produces excellent results for neck rejuvenation without surgery,” she said.

“Laser resurfacing with CO₂ and Er:YAG lasers are still the gold standard for wrinkle reduction and improvement in skin quality,” Dr. Boen continued. “There is some downtime, but the results can last for years. In my clinic, we use a unique protocol to combine pico-based and pulsed dye lasers with CO₂ and Er:YAG to reduce photodamage and wrinkles, and restore skin quality. The most recent FDA-approved lasers are 1726 nm lasers to target the sebaceous glands, which are the root cause of acne.”

While the YAG laser was the first FDA-approved device for hair removal it still has a place in aesthetics today. “Laser hair removal is one of the most requested laser treatments in dermatology,” stated DiAnne Davis, MD, a medical and cosmetic dermatologist in Dallas, Texas. “Generally speaking, the 755 wavelength is used for hair removal on patients with fair skin types, while the 1064 nm wavelength is reserved for patients with skin of color.”



Before and after a TCA chemical peel, subcision, Fotona Starwalker 1064 nm fractional laser and fat transfer to cheeks

Photos courtesy of DiAnne Davis, MD, FAAD

Dr. Davis also treats many skin concerns with energy-based devices. “Sunspots are another form of pigmentation and can be treated with intense pulsed light therapy (IPL). I also see a lot of patients for acne scars and use a multi-device protocol with a comprehensive plan to treat them,” she shared. “I use either ablative or non-ablative fractional laser devices to address acne scars on the skin’s surface, chemical peels (20% TCA) to treat the entire face, and subcision, which addresses scar bands that are underneath the skin to give rise to rolling acne scars. All of the treatments are performed on the same day as a ‘one and done’ procedure.”

“I utilize ablative lasers when appropriate for deeper wrinkles and when patients are looking to improve years of sun damage,” reported Emily Wood, MD, a board-certified dermatologist at Westlake Dermatology in Austin, Texas. “Non-ablative lasers are a workhorse for me because they help stimulate collagen to improve overall skin texture, address fine lines and acne scars. IPL is also one of my go-to devices to address skin tone, texture and pores.”

Dr. Wood explained that she also often stacks multiple modalities for customized results. “I have a three-dimensional approach using laser or IPL to improve skin tone and texture and micro-focused ultrasound with RF to produce collagen at a deeper level to improve skin laxity,” she clarified.

According to Dr. Wood, micro-coring technology is the next big thing in energy-based treatments. “It removes tiny cores of tissue to produce tighter, more youthful skin and is a great non-invasive treatment for lower face laxity and jowls,” she said.

Energy-based treatments are showing promising results in the challenging world of neck and facelifts, as well as body contouring. Dr. Kent said he uses Emface from BTL Aesthetics (Boston, Mass.) to help lift the face by contracting and strengthening the muscles as a baseline treatment. “We may use RF microneedling to improve skin texture, RF-based subdermal tissue coagulation for neck contouring and to lift the jowls, and EmSculpt Neo (BTL) to build



David E. Kent, MD
Founding Partner
Skincare Physicians of
Georgia
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Monica Boen, MD
Dermatologist
Cosmetic Laser
Dermatology
San Diego, CA



DiAnne Davis, MD, FAAD
Medical and Cosmetic
Dermatologist
Dallas, TX



Before and one week after treatment with UltraClear from Acclaro

Photos courtesy of Tina West, MD



Before and two days after one treatment with ADVATx from ADVALight (treatment included one pass of 589 nm followed by one pass of 1319 nm)

Photos courtesy of Aspire Medical Spa

muscle and eliminate fat for body sculpting. Complementary procedures are key to customizing benefits with energy-based devices."

Energy-Based Technologies for Today's Busy Practices

UltraClear® from Acclaro (Smithfield, R.I.) is clinically proven and FDA cleared for use in dermatology and plastic surgery. Uniquely powering the first-ever Mid Infrared Cold Ablative Fractional Fiber Laser (3DMiracil™) modality, this sophisticated 3DIntelliPulse technology treats multiple skin layers from the stratum corneum and epidermis to the mid and deeper dermis. Practitioners have a range of options from lunchtime treatments to more advanced Laser-Coring™ for deep collagen remodeling. "The UltraClear system is expected to set new standards in dermatology," said Tina West, MD, a board-certified dermatologist and founder of the West Institute (Chevy Chase, Md. and Aspen, Colo.). "My patients enjoy a transformational effect on their skin's appearance, texture, glow and health. This device is a game-changer in our personalized approach to total skin rejuvenation and health."

Combining 589 nm and 1319 nm wavelengths into one handpiece, the ADVATx laser from ADVALight (Copenhagen, Denmark) is creating a gold standard for treating vascular abnormalities. According to Suneel Chilukuri, MD, a dermatologist and director of Refresh Dermatology (Houston, Texas), ADVATx has over 20 FDA clearances with a high safety profile. "I use it often for rosacea and hyperpigmentation," he reported.

"This sophisticated laser is easy to operate with preset treatment parameters for popular indications and the nanopulse technology allows me to effectively treat my patients without the inflammatory response." Dr. Chilukuri explained that ADVATx delivers gentle pulses of energy that the skin perceives as a single pulse. "Overall, this is one of our most reliable devices with no consumables, no downtime and high efficacy."

According to Janine Hopkins, MD, a board-certified dermatologist in Monroe, La., the innovative Fotona 4D laser treatment from Fotona (Farmers Branch, Texas) has added another dimension to her dermatology practice by providing her patients with an outstanding, nonsurgical procedure to smooth and tighten their skin for beautiful results. The SP Dynamis is a versatile laser system with Nd:YAG technology for skin rejuvenation and body contouring, and the power of Er:YAG for skin resurfacing. With functions ranging from superficial to deep peels and non-ablative to fully ablative treatments, physicians can tailor treatments to any specific skin condition.



Before and after one treatment with Fotona 4D from Fotona

Photos courtesy of Janine Hopkins, MD, FAAD



Emily Wood, MD
Dermatologist
Westlake Dermatology
Austin, TX



Tina West, MD
Dermatologist
Founder
West Institute
Chevy Chase, MD and
Aspen, CO



Suneel Chilukuri, MD, FAAD
Dermatologist
Director
Refresh Dermatology
Houston, TX

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- ✓ Rosacea
- ✓ Dark Circles



BEFORE



AFTER

Courtesy of Book, MD

Fotona
Ultra Performance Lasers™



The Fotona4D facelift is achieved by combining these lasers for a non-invasive treatment that rejuvenates and tightens the skin from the inside out.

The Hollywood Spectra™ from Lutronic (Billerica, Mass.) is an advanced, ultra-short 1064 nm / 532 nm laser built with nano-acoustic advantages in both full-beam and microbeam energy delivery. The Spectra Mode uniquely enables the Instagrammable Hollywood Laser Peel® and AcnePeel™, popular treatments for the Gen Z and Millennial generations, which are important for practice growth. According to Irina Damyanidu, chief executive officer (CEO) of The Hebe Medspa in Fishkill, N.Y., the Hollywood Spectra is an advanced laser technology with safety features like a square spot size to minimize the risk of thermal damage to the surrounding skin, and adjustable fluence settings for customization based on the patient's specific needs and the area treated. "The advanced laser technology of Hollywood Spectra results in higher patient satisfaction and improved treatment outcomes, which has resulted in positive reviews and testimonials from satisfied patients," she said.



Before and after four sessions with Hollywood Spectra from Lutronic
Photos courtesy of Hebe Med Spa

treatment of facial veins, redness and pigmented lesions. "It is very quick and efficient. There is essentially no downtime and very significant results with one to two treatments," he said. "It does not create purpura and we get great results on vascular and pigmented lesions. Overall, the DermaLight KTP laser system is a compact, reliable and effective device that safely treats vascular and pigmented lesions on all skin types."

Sylfirm X from BENEV (Mission Viejo, Calif.), an FDA-registered pulsed wave (PW) and continuous wave (CW) RF microneedling device, features 300 micron depth for advanced skin revitalization, with proven effectiveness and safety through over 25 clinical studies. "This device has increased patient retention and referrals while allowing for more daily appointments, which has positively impacted both patient care and our bottom line," reported Jessica Christy, PA-C, owner of Beauty Culture Spa (Bloomfield Hills, Mich.). "Incorporating the Sylfirm X has been a game-changer for



Janine Hopkins, MD, FAAD
Dermatologist
Monroe, LA



Irina Damyanidu
CEO
The Hebe Medspa
Fishkill, NY



Philip Loria, MD
Dermatologist
Oxford Dermatology
Oxford, MS



Before and after treatment with DermaLight from NewSurg
Photos courtesy of NewSurg



Before and two weeks after treatment with Sylfirm X from BENEV
Photos courtesy of Jessica Christy, PA-C

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Laser Peel® and AcnePeel™





Before and after treatment with Scarlet SRF from Aesthetic Management Partners
Photos courtesy of Meridian Plastic Surgery

us. It has broadened our range of treatments, making us a one-stop shop for skincare, and it is an investment that pays dividends in patient satisfaction, clinical outcomes, and ultimately, the success of our practice.”

Scarlet SRF from Aesthetic Management Partners (Cordova, Tenn.) is a next-generation short-pulse radiofrequency (SRF) microneedling treatment that produces noticeable tightening results and dermal remodeling to improve skin texture and achieve overall face and neck regeneration. Non-insulated microneedles treat the entire length of the dermis for a comprehensive procedure, while achieving independent tissue coagulation around each needle, also known as the ‘Na Effect’. With the Scarlett SRF, physicians can treat fine lines and wrinkles, large pores, hyperpigmentation and acne scarring with safe, comfortable and effective treatments. With over 500,000 treatments having been performed globally, the results achieved with Scarlet SRF provide ideal solutions for the most common aging concerns on all skin types.

Looking at traditional microneedling, the cordless Collagen P.I.N.® from Collagen P.I.N. (Louisville, Ky.) offers a precision dial that controls depths from 0 mm to 3 mm, providing an improved treatment experience. According to the manufacturer, the device offers a 6.2% higher puncture rate with 14% more speed than many other similar devices. “Collagen P.I.N. is my go-to device for the treatment of perioral rhytides, scars and striae. No other



Before and one month after final treatment with Collagen P.I.N. Treatments were spaced one month apart for three months.
Photos courtesy of Michael H. Gold, MD

mechanical microneedling device compares,” said board-certified dermatologist Tina Alster, MD (Washington, D.C.). “Patients have noted marked improvement of perioral rhytides, stretch marks on the body and scars resulting from acne, surgery, or trauma, and are pleased with their quick recovery. This reputation has made Collagen P.I.N. one of the most common procedures in my office.”

Secret™ DUO by Cutera (Brisbane, Calif.) offers dynamic facial revitalization for expanded skin types and little to no downtime. This device combines dual non-ablative fractional technologies: Secret RF microneedling paired with a 1540 nm erbium glass laser, in one platform. Each modality can be used individually or in combination for highly effective non-ablative facial rejuvenation. “We use it for building collagen, to reverse signs of aging, and even to help with remodeling scars,” reported Ashish Bhatia, MD, a board-certified dermatologist in Itasca, Ill. “Both modalities can be used with any skin type at any time of the year, so this device has been a great addition for providing meaningful rejuvenation with minimal downtime.”



Before and after three treatments with Secret DUO from Cutera
Photos courtesy of Evren Goksesme, MD



Jessica Christy, PA-C
Owner
Beauty Culture Spa
Bloomfield Hills, MI



Tina Alster, MD, FAAD
Dermatologist
Washington, DC



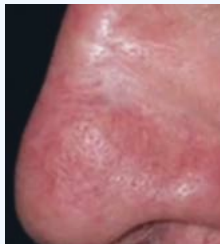
Ashish Bhatia, MD, FAAD
Dermatologist
Itasca, IL

DermaLight KTP Laser System

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BEFORE



AFTER



BEFORE



AFTER

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“We use our DermaLight KTP Laser every day. It is very effective for treating vascular and pigmented lesions. We are very satisfied with the affordability, reliability and ease of use of this system.”

~ Dina N. Anderson, MD
Dermatologist, Clinical Instructor
Mount Sinai, New York City

 **LIGHTMED**



Before and after treatment with Oligio, distributed by AMA Meditime
Photos courtesy of Jessica Kim, FNP-C



Before and after treatment with NeoGen PSR from Energist
Photos courtesy of Shaun Charles MedSpa



TJ Tsay, MD
Medical Director
and Owner
Ageless MD
Tustin, CA



Shaun Spanos, NP
Co-Owner
Shaun Charles MedSpa
Wakefield, MA



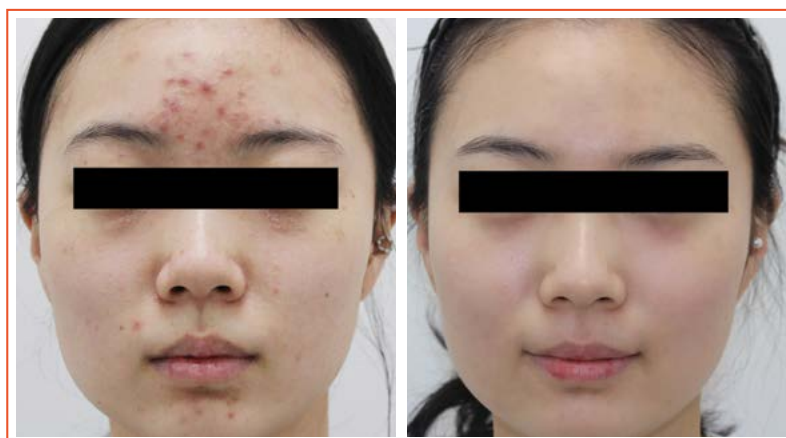
Jeff Spanos
Business Manager and
Co-Owner
Shaun Charles MedSpa
Wakefield, MA

Oligio, distributed by AMA Meditime (Brea, Calif.), uses monopolar RF to help patients achieve skin enhancement and lifting. It is an advanced, high-frequency device operating at 6.78 MHz and is designed to target the skin's dermal layer, promote collagen production, and enhance elasticity in a treatment that is less invasive than RF microneedling and thread lifts. "Patients notice the cheeks are lifted and the jawline appears tighter," said TJ Tsay, MD, owner of Ageless MD in Tustin, Calif. "There is an immediate effect which we show our clients after performing just one side of the face, and a delayed effect four to six weeks later when collagen is produced. Oligio offers yet another option in our toolbox to lift and tighten the skin with no downtime whatsoever."

Plasma devices for skin revitalization continue to evolve, but the NeoGen PSR, manufactured by

Energist (Swansea, U.K.) and distributed in the U.S. exclusively by Emergent MedTech (Hudson, N.H.), stands alone. Unlike coronal discharge devices, which use electrical current paired with atmospheric gases to form a plasma spark, NeoGen PSR proliferates planar and volumetric collagen and elastin, and restores hyaluronic acid (HA). "Nitrogen Plasma is a source of thermal energy that is highly conductive. The heat released from this plasma has a profound effect on the architecture of the skin," said Shaun Spanos, NP, and co-owner of Shaun Charles MedSpa (Wakefield, Mass.). "We have treated over 3,200 clients and consider NeoGen's results to be absolutely unrivaled in the medical aesthetic space," added co-owner and business manager, Jeff Spanos.

Another plasma device on the market is PlaDuo™ from SHEnB Co., Ltd. (Seoul, Korea). PlaDuo is an instrument used to coagulate tissue using RF energy. "Plasma is currently being used to treat various skin lesions based on the theory of tissue changes caused by nitrogen plasma," said Sung Bin Cho, MD, PhD from Yosei Seran Dermatology and Laser Clinic in Seoul, Korea. "Low-level nitrogen plasma stimulates tissue changes and regeneration in the epidermis and dermis without excessive thermal coagulation or necrosis and reaches the sebaceous glands through hair follicles to trigger cellular changes. One study showed it can be a very effective treatment for excessive sebum secretion or large pores accompanying acne. Five treatment sessions are recommended for all indications. Most patients see the results quickly after one to five treatment sessions."



Before and after three treatments with PlaDuo from SHEnB Co., Ltd.
Photos courtesy of SHEnB Co., Ltd.

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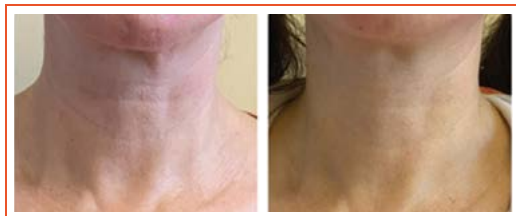
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Before and seven weeks after treatment with PDO threads and PLEXR Plus from MedResults
Photos courtesy of Maryam Hekmat, MD

Known for its highly effective PLEXR Shower, PLEXR Plus from MedResults (Glendale, Calif.) is an FDA-cleared medical plasma device approved in over 60 countries. This device allows physicians to offer both ablative and non-ablative treatments with a triangle tip to cover a wide spot size, so the entire face can be treated in just five minutes. "I use PLEXR Plus for skin rejuvenation and skin tightening," said Maryam Hekmat, MD, the founder and medical director of VIP MedSpa Clinic in San Diego, Calif. "I have used PLEXR Plus for shrinking of the large pores on the nose and cheeks and in combination with injectables like fillers to help with volume loss or PDO threads for lifting, with great results."



Sung Bin Cho, MD, PhD
Yosei Seran Dermatology
and Laser Clinic
Seoul, Korea



Maryam J. Hekmat, MD, FACP
Founder and
Medical Director
VIP MedSpa Clinic
San Diego, CA



Doris Day, MD
Dermatologist
New York City, NY

Synchronous Ultrasound Parallel Beam, or SUPERB™ Technology, drives Sofwave™ from Sofwave (San Clemente, Calif.), a non-invasive treatment that remodels collagen and improves facial lines and wrinkles. Ultrasound technology is used to create cylindrical-shaped thermal zones that penetrate 1.5 mm into the dermis for a full and effective treatment. This device is FDA cleared to lift the brow and neck tissue, lift lax skin under the



Before and three months after treatment with Sofwave
Photos courtesy of Doris Day, MD

chin, reduce fine lines, and the appearance of cellulite. "Because people age in a multifactorial way, I need to address it in a multifactorial way," said board-certified dermatologist Doris Day, MD (New York City, N.Y.). "This device targets lifting without destruction and allows me to layer my other products. We notice a nice lifting effect to the brows – sometimes 2 mm to 3 mm – and the jawline is smoother because of the lifting effect to the lower face."

EON, manufactured by Dominion Aesthetic Technologies, Inc. (Houston, Texas) and distributed by Monarch Aesthetics (Laguna Hills, Calif.) is a technological benchmark in touchless, robotic laser contouring and FDA cleared for abdominal, flank, thigh and back fat reduction. "Since COVID-19, our demand for body contouring has gone up dramatically, but not every patient wants surgery," reported Gregory Buford, MD, a board-certified plastic surgeon in Englewood, Colo. "EON is a perfect bridge to body contouring for patients

who are either not surgical candidates or not interested in surgery, and it has been a feeder to our surgical practice. There are no consumables, no pain and no risk for paradoxical adipose hyperplasia (PAH). The robotic no-touch arm helps patients feel more secure as it hovers above the treatment area and applies laser energy and jet cooling to the site. Adding EON to our body contouring menu has increased our versatility and capabilities."

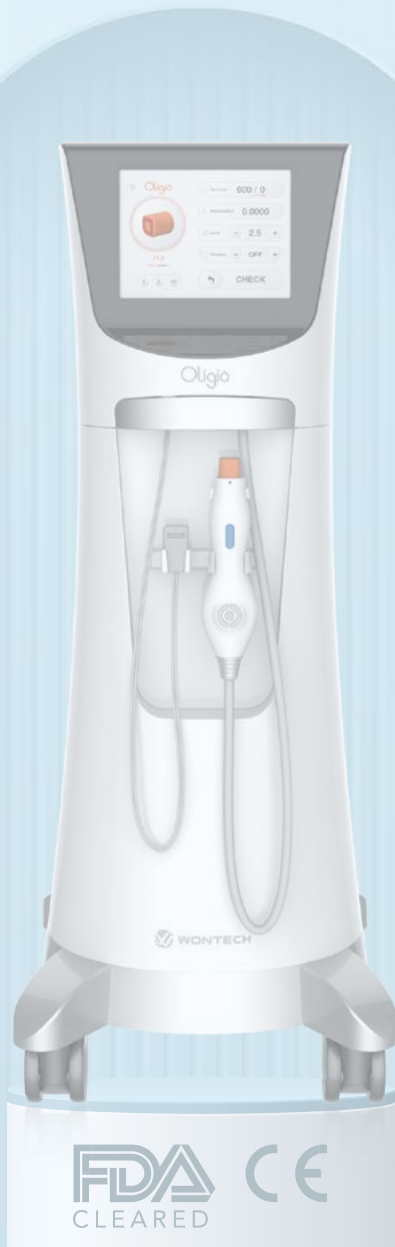


Before and after treatment with EON from Dominion Aesthetic Technologies
Photos courtesy of Monarch Aesthetics

Oligio

Anti-aging Solution for Lifting and Tightening

Oligio is a non-invasive RF lifting equipment that uses a frequency of 6.78 MHz to help regenerate collagen in the skin through optimized energy.



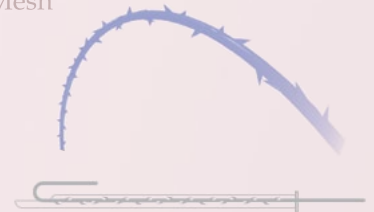
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VIOLA Threads provide medical aesthetic practitioners with various types of fully biodegradable threads that come in different shapes, sizes, and even materials, including PDO, PLLA, and PCL.



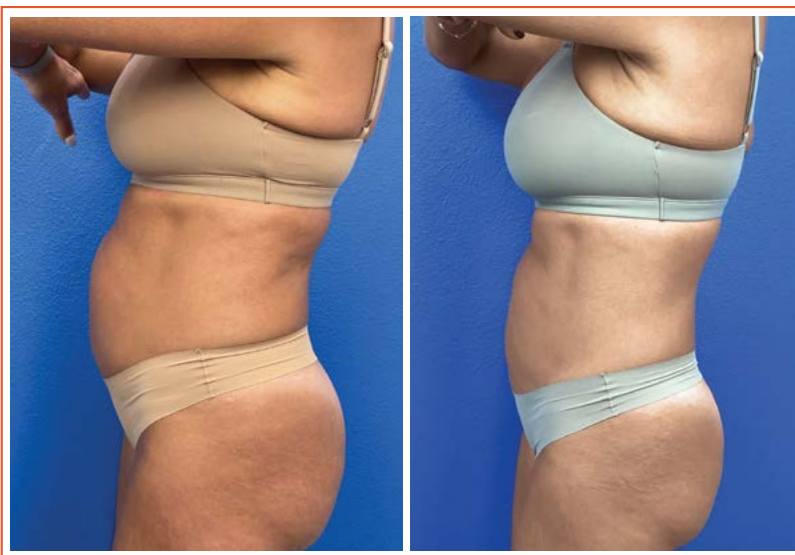
PDO **Doublelyft** Flat Mesh
Under Chin Area



PDO **5D Fix** Coglyft
Full Face



UltraSlim® by Photonica USA (Cocoa Beach, Fla.) represents a breakthrough in non-invasive body contouring and fat reduction. Backed by clinical trials where 98% of patients lost at least two inches², this FDA-cleared device is safe for all skin types. It utilizes advanced photonic technology that targets and stimulates fat cells, prompting them to release stored fatty acids, resulting in immediate loss without pain, discomfort or downtime. “Non-invasive fat loss and skin tightening are the future of skincare and UltraSlim is the safest, most effective of these modalities that I have seen,” said Sheila Barbarino, MD, an oculoplastic and cosmetic surgeon with practices in Austin, Texas and Redondo Beach, Calif. “My patients have a significant reduction in recovery time from having surgery and procedures like nothing else, which means they come in for more surgery and more procedures.”



Before and after treatment with UltraSlim by Photonica USA
Photos courtesy of Sheila Barbarino, MD, FAAO, FAACS, FACS

the uncomfortable and sometimes painful post-cryolipolysis massage. “With cryolipolysis alone, fat in treated areas can be reduced by 20% to 25%,” Dr. Nanda reported. “But when Z Wave is added, those results are bumped up another 8% to 10%, reducing fat by 28% to 35%.”

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1. *Energy-based Aesthetic Devices Market Share, Trends - 2032*. Global Market Insights Inc. Published June 2023. Accessed September 8, 2023. <https://www.gminsights.com/industry-analysis/energy-based-aesthetic-devices-market#:~:text=Energy%2Dbased%20Aesthetic%20Devices%20Market%20size%20was%20valued%20at%20USD>
2. NCT02867150 at Clinical Trials.gov



Gregory A. Buford, MD, FACS, PCEO
Plastic Surgeon
Englewood, CO



Sheila Barbarino, MD, FAAO, FAACS, FACS
Oculoplastic and Cosmetic Surgeon
Austin, TX and Redondo Beach, CA



Rakesh Nanda, MD
Medical Director
Jiva Med Spa
Columbus and Dayton, OH

The Z Wave by Zimmer MedizinSystems (Irvine, Calif.) is making waves in the aesthetic industry with applications spanning from cellulite reduction to post-procedure recovery enhancement. A Class 1 device, Z Wave is renowned for the temporary reduction of cellulite appearance and can improve, and even resolve, capsular contracture post-breast enhancement surgery. Powerful sound waves radiate deep into the tissue, stimulating lymphatic drainage and enhancing blood circulation making it an ideal treatment for post-liposuction and post-cryolipolysis. Rakesh Nanda, MD, medical director of Jiva Med Spa (Columbus and Dayton, Ohio), reported that the device replaces



Before and six weeks after treatment with Cryolipolysis followed by Z Wave by Zimmer MedizinSystems
Photos courtesy of Rakesh Nanda, MD



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– Gregory Buford, MD, FACS



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HOT PRODUCTS

**IN
2023**

This edition of Hot Products includes technologies that expand the utility of energy-based aesthetic treatments to include a wider range of patient concerns in a wider range of patient populations. From lasers with nano pulse technology to fractional radiofrequency (RF) with single pass AI-controlled energy delivery, today's revolutionary products are setting new standards in cosmetic and dermatology practices. All while allowing physicians to provide treatments that require little to no downtime, with predictable and reproducible results.

These device manufacturers are responding to a higher demand for nonsurgical aesthetic solutions with noticeable results in fewer treatments. Explore the latest treatments that can help grow practices with improved modalities, fewer consumables and less maintenance.



EST



DP4

The DP4 microneedling pen from Dp Derm is an advanced fractional micro-channeling device. FDA cleared for treating facial acne scars, it offers a dedicated scar treatment (ST) setting. The DP4 is also the first fully digital device, combining bluetooth, radiofrequency identification (RFID), dual power and turbo-cut battery systems to offer a fast and efficient microneedling treatment. With the ability to create up to 1,920 micro-channels per second, large areas can be treated faster, with exceptional outcomes and minimal discomfort and downtime. Each 16-needle cartridge features multiple anti-contamination seals, and an integrated RFID chip which allows for continuous calibration to ensure precise, reliable and dragfree needle penetration.

Dp Derm: (305) 552-0550 / www.DpDerm.com



FF3 Biointensive GF

As a reactivation corrector for menopausal skin, Vivant's FF3 Biointensive GF uses GFP Complex to promote neocollagenesis, organize collagen fibers and regulate cell turnover leaving estrogen depleted skin feeling plumper. GFP Complex is the novel joining of vitamin A and growth factor technology with select amino acids and alpha hydroxy acids to repair the skin's support matrix at a cellular level.

Vivant Skincare:
(800) 984-8268 / www.vivantskincare.com /
customercare@vivantskincare.com



Lutronic Ultra

The 1927 nm Lutronic Ultra™ rebuilds glowing, healthy skin through non-ablative thulium fractionated treatments. Tunable from mild to aggressive and extremely cost-effective – no shot limit per procedure – Lutronic Ultra safely achieves customized outcomes, with very little downtime on all skin types, all year round. It offers a comfortable treatment with very low downtime and immediate results on pigment, sun damage, global tone and texture.

Lutronic Aesthetics:
(888) 588-7644 / www.Lutronic.com



Helix

The Helix™ dual wavelength laser system from DEKA is the new platform for ablation, vaporization, excision, incision and coagulation of soft tissue in dermatology and plastic surgery. Helix is equipped with a double wavelength fractional scanner applicator, comprising 10,600 nm and 1570 nm. Helix works with each wavelength either independently or combined, allowing tunable balance between ablation and coagulation depths. Layer-by-layer char-free skin resurfacing, provides excellent results on all skin conditions but also enhances the safety of the treatment with greater predictability and reproducibility.

DEKA M.E.L.A. s.r.l.:
+39 055 887 4942 / www.dekalaser.com



Exion

The newcomer Exion features four distinct, powerful applications in a single platform for treatment of the face and body without surgery or injectables. The fractional radiofrequency (RF) applicator is monopolar RF with AI-controlled energy delivery. Its Extended Mode allows comfortable treatment below needle insertion – up to 8 mm total depth. Its Face and Body applicators are each a patented combination of monopolar RF and targeted ultrasound (TUS). The Body applicator features cooling to help manage comfort as well as the effect – without cooling the effect is more superficial but with cooling, the effect is driven deeper. The EMFEMME 360 applicator is a feminine wellness technology indicated for temporary increase in local circulation, muscle pain relief and muscle relaxation.

BTL Industries, Inc.:
(866) 285-1656 / www.bodybybtl.com



ELEVAI E-Series

The ELEVAI E-Series products – empower and enfinity – were developed to provide both post-treatment skin support and ongoing daily aftercare. Both products contain exosomes; ultra-small, nanoparticle compartments packed with growth factors known to support skin health. The patent-pending ELEVAI Exosome™ is the powerhouse ingredient in all ELEVAI products and mimics the elegant repair process of nature along with a selection of high-quality actives to provide regenerative skin health for any skin type. ELEVAI's proprietary PREx Technology™ assures the safety, quality and efficacy of all ELEVAI Skincare products.

ELEVAI: www.elevaiskincare.com / contact@elevaiskincare.com



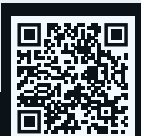
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Precision Regenerative Exosome Technology PREx™

ELEVAI Labs proprietary development process ensures the safety, quality and efficacy of all ELEVAI Skincare products from source to skin.

- End to end process control in ELEVAI's own California based lab
- Wharton's Jelly, age 0 stem cells are sourced from a cGMP, pharmaceutical grade process to produce a precise exosome profile
- Technology developed by a leading stem cell researcher and biochemical engineer, Jordan R. Plews PhD.
- Extensive testing and protective packaging





The Aesthetic Needle

The Aesthetic Needle 32G x 13 mm (32G x 1/2") #32G59875 box contains 100 disposable premium sterile hypodermic needles with an individually sealed cap. They are made of surgical stainless steel with a polypropylene hub that are suitable for different needs. It is a convenient universal fit created for single use only.

Merit Pharmaceutical / Medigrative / MERITPOINT:
(800) 696-MERIT (63748) / www.meritpharm.com / solutions@meritpharm.com



Viola Threads

Bring inner beauty to the outer surface and reverse the appearance of skin age with minimally invasive Viola Threads. Having FDA 510k clearance (#K190264) for polydioxanone (PDO) threads allows Viola Threads to offer practitioners and other medical professionals competitive pricing. The Viola line offers a variety of products for applicable treatment areas ranging across the face and body to enhance facial contour, stimulate volume, revert wrinkles and fine lines, in addition to lifting and anchoring heavier skin tissue and more. Viola Threads offers a signature preparation style with its packaging and pouches that preserve the efficiency of the thread, extending the expiration date up to three years when the pouch remains unopened and in proper condition. PDO threads are FDA cleared for barbed sutures and are indicated for use in soft tissue, where the use of absorbable sutures is appropriate.

Viola Threads: (213) 351-0001 / www.violathreads.com / info@violathreads.com



ADVATx

Designed for the modern practitioner, ADVATx combines 589 nm and 1319 nm wavelengths into one handpiece, making it a gold standard for addressing vascular abnormalities and non-ablative resurfacing. It is designed to be easy to operate with preset treatment parameters for the most popular indications. ADVATx delivers soft, individual pulses of energy to minimize discomfort and unwanted side effects to the surrounding tissues. The duration of individual pulses and the pulse-to-pulse spacings are significantly shorter than the thermal relaxation time of the vessels, so the skin perceives them as a single pulse. With a safe and versatile profile, you can count on ADVATx to deliver results.

ADVALight:
(888) 354-5551 / www.advalight.com



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1/3cc	30G x 5/16" Easy Touch	830365
1/2cc	29G x 1/2" Exel #26028	26028
1/2cc	30G x 5/16" Exel #26015	20615
1/2cc	31G x 5/16" Easy Touch	831565
1cc	27G x 1/2" Easy Touch #827155	827155
1cc	28G x 1/2" Exel #26027	26027
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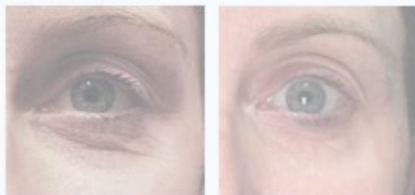
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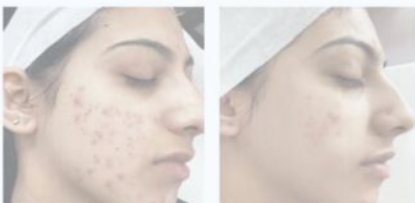
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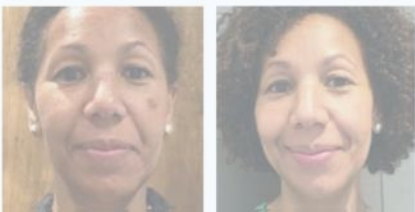
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Honoring the Finest in Aesthetics

Each year The Aesthetic Awards recognizes the work of the pioneers in the industry — from physicians and practitioners to medical device manufacturers and service providers.

The culmination of this event is the annual Aesthetic Awards Gala where the industry gets all dolled up and comes together for a good cause — to celebrate the best of the best, revel in an evening of fine dining and fun, and give back to Angel Faces, a non-profit organization that provides intensive education, healing retreats and ongoing support for girls and women with burn/trauma injuries.

This year, The Aesthetic Awards Gala took place on July 8, 2023 at the Wynn Hotel and featured Josh Weiss (Galderma) as the master of ceremonies, and co-hosts Sheila Barbarino, MD and Kian Karimi, MD. Finalists in all categories were highlighted throughout the night and three winners were announced during the gala: Lifetime Achievement, Best Aesthetic Practice and Best Overall Patient Enhancement. The remaining winners have been kept under wraps, until now. Congratulations to the 2023 winners!







BEST OVERALL PATIENT ENHANCEMENT

SUVINA ATTAVAR, MD
BANGALORE, KARNATAKA, INDIA



Before and after treatment

Overall patient enhancement was achieved with the following treatments:

- An initial Follicular Unit Extraction (FUE) surgery with a total of 3187 grafts transplanted to address the frontal to mid-frontal region of baldness
- A second round of FUE six months later with 2,432 grafts transplanted to address the mid-frontal to vertex area
- Each round of FUE was followed by six sessions of Platelet-Rich Plasma therapy
- A scalp micropigmentation procedure was performed in the vertex area six months after the second round of FUE to create the illusion of greater scalp coverage
- The patient was also simultaneously prescribed topical minoxidil 5% and oral finasteride after the hair transplants



BEST AESTHETIC PRACTICE AWARD

SAVING FACE
AUSTIN, TX



Saving Face was established in 2013 as a one-woman, injectables-only boutique out of a one-room carriage house in Austin, Texas. It has now expanded to two locations between Aesthetics and Saving Face Body & Mind, their new wellness division. In just this last year, they have doubled their team to 24 amazing women who consistently show up and serve Austin with unmatched hospitality and precision. Saving Face has restructured under the supervision of their medical director, Marcelo Antunes, MD, and plans to expand to Palm Beach, Fla. by the end of 2023. They have onboarded executive coaches who have helped create processes and develop leadership teams to give them the foundation and values in which to expand successfully without losing its "sparkle." Being able to operate in heart coherence with each other on the daily, translates to the most outstanding customer experience available.



LIFETIME ACHIEVEMENT

MICHAEL J. MCNEEL, MD
PLASTIC SURGEON
MARIETTA PLASTIC SURGERY
DELRAY BEACH, FL



Michael J. McNeel, MD, has been serving the greater Atlanta, Ga. area since 1997. He always puts his family, community and patients first. Dr. McNeel and his wife Natalie share a passion for aesthetics. In fact, Natalie joined the Marietta practice and brought her vast experience in dermatology as a certified physician assistant. She has created a loyal client base, as well. Dr. McNeel graduated with honors from the University of Florida before pursuing his medical degree from the Miller School of Medicine at the University of Miami. He then pursued plastic surgery at Emory University through a plastic and reconstructive surgery residency. During his fellowship, Dr. McNeel shared his expertise as an instructor with other plastic surgeons, focusing on endoscopic plastic surgery. Dr. McNeel has achieved membership in the *American Society for Aesthetic Plastic Surgery*. He is board-certified by the American Board of Plastic Surgery, a member of the *American Society of Plastic Surgeons*, the *Medical Association of Georgia*, and the *Cobb County Medical Society*.



BEST NONSURGICAL FACIAL REJUVENATION ENHANCEMENT

PAUL HESTER, MD
BE MEDISPA
LEXINGTON, KY

Nonsurgical facial rejuvenation was achieved with the following treatments:

- Mixto Fractional CO₂ Laser
- Intense Pulsed Light
- Injection of Xeomin, Restylane Lyft, Restylane Defyne and Radiesse to the tear trough, midface, perioral, lower face, lip lining
- Injection of Belotero, Radiesse, Restylane Defyne, Restylane Lyft and Xeomin in the lips, tear trough, medial and lateral cheek, perioral, and lower face



Before and 12 weeks after treatments

BEST SURGICAL FACIAL REJUVENATION ENHANCEMENT

MELINDA LACERNA, MD, FACS
LA PLASTIC SURGERY
BRADENTON, FL

Surgical facial rejuvenation enhancement was achieved with the following:

- Necklift with platysmaplasty
- Subdermal treatment of the neck with Renuvion RF-helium plasma
- Right upper eyelid ptosis repair
- Fat grafting to full face, neck and chest



Before and three months after treatments



BEST NONSURGICAL BODY SHAPING ENHANCEMENT

SHEHNAZ ADAM
SAINTS EUROPEAN SKIN CARE
CLINIC & SPA
SYLVA, NC

Nonsurgical body shaping enhancement was achieved with the following treatments:

- Alma Accent XL Unilarge handpiece set to 150 power, reaching a temperature of 40° and a total of 100 KJ
- Accent XL Bipolar handpiece set to 60 power and a total of 108 KJ for tightening



Before and after two treatments, each spaced one week apart

BEST SURGICAL BODY SHAPING ENHANCEMENT

DANIEL CRANE, MD
INSPIRE AESTHETICS
DELRAY BEACH, FL

Surgical body shaping enhancement was achieved with the following treatments:

- Abdominoplasty
- Liposuction of the flanks and back
- Renuvion treatment of the subcutaneous flank tissue



Before and four months after treatment



BEST BOTCHED PATIENT REVISION

JAMES CHELNIS, MD
MANHATTAN FACE AND EYE
NEW YORK, NY

Botched patient revision was achieved with the following treatments:

- Transcutaneous lower lid blepharoplasty creating a skin muscle flap across his lid into his tear trough
- Elimination of errantly placed globules of fat, along with an orbicularis sling that could tighten patient's lids across his midface



Before and one month after treatment

NONSURGICAL INNOVATIONS

ULTRALUX PRO
THE GLOBAL BEAUTY GROUP
MOORABBIN, AUSTRALIA

The UltraLUX PRO is an ultimate all-in-one, multifunctional technology delivering IPL hair removal, IPL dual-mode hair removal, SHR hair removal, IPL vascular therapy, IPL pigmentation correction, IPL photorejuvenation, IPL acne management, ultrasound body contouring, ultrasound skincare infusion, radiofrequency-based skin tightening, tattoo removal and carbon facials. This results-driven treatment powerhouse supports clinics in gaining a competitive edge, growing their client base and delivering clinically proven treatment outcomes.



Before and after one treatment with UltraLUX PRO



TECHNOLOGY INNOVATIONS

REPEATMD HOUSTON, TX

RepeatMD is a leading mobile shopping platform that ties together ecommerce and fintech solutions, providing aesthetic and wellness practices with a personalized shopping experience for patients. The RepeatMD mobile app can be customized to the branding of any provider in the aesthetic and wellness space to offer patients a familiar experience while browsing, purchasing and financing treatments anytime, anywhere.



RepeatMD

BEST PRACTICE MANAGEMENT COMPANY

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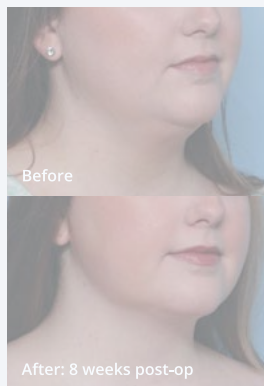


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Results courtesy of Carey Nease, MD



Results courtesy of Paul Kim, MD

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A Global Exchange of Ideas & Education

FEBRUARY 22-24, 2024
**MIAMI BEACH
CONVENTION CENTER**
amwcamericas.com

Practical Techniques with an International Flair

Building on the success of its inaugural event, AMWC Americas is returning to Miami February 22-24, 2024 with a program that explores many subsectors of aesthetic and anti-aging medicine, incorporating a unique, international perspective on leading-edge nonsurgical treatments, minimally invasive surgical techniques and emerging evidence-based developments. All taught by leading experts from around the world who bring their unique perspectives from different regions and corners of the globe.

“Our biggest goal at AMWC Americas is to focus on practical techniques because this is what our multi-specialty audience is looking for,” said Sheila Barbarino, MD, an oculoplastic and cosmetic surgeon, and an AMWC Americas Scientific Director. “They don’t want to hear about a specific device or product except how it fits within their techniques, approaches and methods. And that is what we are going to provide.”

UNIQUE EXPERIENCES YOU'LL FIND AT AMWC AMERICAS



THE AESTHETIC GUIDE THEATER

As the premiere media partner of AMWC Americas, *The Aesthetic Guide Theater* will be filming a variety of segments during the conference with a diverse range of subject matter experts and a live studio audience, including Q&A sessions with your favorite speakers!



THE TREATMENT CENTER

Here's your opportunity to get a full, firsthand experience of cutting-edge new products, services, or techniques. You'll "try before you buy," personally see the results, and understand how the treatment and/or product works.



THE PERSONALIZED NUTRITION CENTER

Are you looking to incorporate whole-person assessments, treatments, and therapies into your practice to drive revenue and improve outcomes? The Personalized Nutrition Center will feature the products and services to help you get there.

Through a series of workshops, interactive programming, live demos and a thought-provoking keynote, you can expect to:

- Uncover the art of the latest medical aesthetic and nonsurgical treatment strategies.
- Immerse yourself in science-backed integrative and anti-aging therapies.
- Dive into technique-focused presentations from award-winning Maverick speakers, followed by Ask Me Anything Q&A
- Watch a face-off between the cannula and needle – featuring a live demo.
- Experience a live cadaver anatomy demo and discussion to level up your facial injectable safety skills.
- And more!

The program offers up to 17.5 CME/ACCME *AMA PRA Category 1 Credits™* for physicians and 17.5 contact hours for nurses. All content is thoroughly vetted and carefully selected by a global Scientific Advisory Board.

Face of the Future

Rounding out the programming will be plenty of sessions delivering insights into upcoming trends, said Robyn Siperstein, MD, a dermatologist and AMWC Americas Scientific Director.

"We know the medical aesthetics profession is fast moving and that keeping up with it all can be a challenge," Dr. Siperstein expressed. "That's why we make sure to include plenty of sessions from innovators who can speak to emerging treatments and markets, and the latest evidence-based research and cutting-edge innovations."

Some of the topics you can look forward to include:

- Device-assisted drug delivery therapies – microneedling and beyond
- Skin boosters
- Regenerative aesthetics
- R&D pipeline innovations
- Artificial intelligence (AI)

This is just a start – many sessions will also include live demonstrations and lively discussions!



With its deliberate focus on progressive techniques to advance your skills and outcomes, and a decidedly international flair, it's no wonder that the inaugural AMWC Americas was an attendee favorite. According to survey results, attendee rated the following out of five stars*:

EXPERIENCE:	SPEAKER QUALITY:	AVERAGE SESSION RATING:
4.23	4.23	4.68
EDUCATION PROGRAM:	CUSTOMER SERVICE:	AVERAGE SPEAKER RATING:
4.16	4.27	4.57

Have it Your Way

In addition to keynote sessions and other presentations that cater to a multispecialty audience, AMWC Americas will also offer plenty of specialty topics so you can customize your learning experience.

"AMWC Americas is an event that attracts medical professionals from around the globe and from more than a dozen specialties," Dr. Barbarino pointed out. "That's why we have made sure to include tracks and sessions that cater to specific interests and specialties, which will allow attendees to customize their learning experience as well as attend with their whole team."

Some examples of tracks include:

- Spotlight Sessions
- Minimally Invasive Treatments and Surgery
- Anti-Aging and Specialty
- Practice and Business Management

Topics include:

- Hair restoration
- Functional and aesthetic sexual health
- Regenerative aesthetics
- Facial injectables
- Nonsurgical body shaping solutions
- Process improvement
- Advances in minimally invasive surgical techniques
- Energy-based treatments
- Updates in topical skincare and peels
- And much, much more!

For the full program or to learn more, visit amwcamericas.com.

Make it Happen in The Magic City

As a global community at the crossroads of the Americas, Miami is the perfect venue for AMWC's inclusive multi-national experience.

It is also an award-winning destination: Miami received top honors in TripAdvisor's 2023 Best of the Best Awards in the categories of Best Overall Experience, Best Food and Most Popular.

And it's easy to see why: Miami is a vibrant international destination, boasting stunning beaches, top-tier dining and retail experiences, and a thriving arts and cultural scene.

"We can't wait to see everyone there!"



FEBRUARY 22-24, 2024
MIAMI BEACH
CONVENTION CENTER



"AMWC 2023 was an outstanding conference, with amazing speakers and great expo. Dr. Noury blew my mind with his 3-point lip augmentation technique. The doctor, who showed new techniques in nonsurgical face lifting with PDO threads was a master, his explanations while doing the procedure were very thorough and easy to understand. The whole program was very well organized".



RENATA YAFASOVA, RN
AGELESS YOUTH LLC
BROOKLYN, NEW YORK

"AMWC 2023 in Miami served as a powerful source of inspiration that led me to take action and apply for the Regenerative Medicine program at Wake Forest Medical School. Currently, I am pursuing an evening master's degree in Translational Biotechnology in Regenerative Medicine while maintaining my professional practice. Undoubtedly, the regenerative track at this event has had a profound and transformative impact on my academic and professional journey."



RAMINDER SALUJA, MD
OPHTHALMOLOGIST AND
FELLOWSHIP TRAINED
COSMETIC DERMATOLOGIST
SALUJA COSMETIC AND
LASER CENTER
HUNTERVILLE, NORTH CAROLINA

"'An investment in knowledge pays the best interest,' a quote by Benjamin Franklin is one that I refer to often. As an aesthetic nurse, I know this industry is forever growing and changing. Continuing your education is imperative when working in aesthetics.

In February 2023, I attended the AMWC Conference in Miami. The conference met and went beyond all my expectations. There was such a variety of sessions that I could choose from, and the ones I attended were extremely informative. The speakers were fantastic and engaging with the attendees. AMWC has become top of my list for attending yearly now."



NICOLE KERSHAW, RPN
TYENDINAGA MOHAWK
TERRITORY, ONTARIO



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Cosmeceutical Science in Clinical Practice

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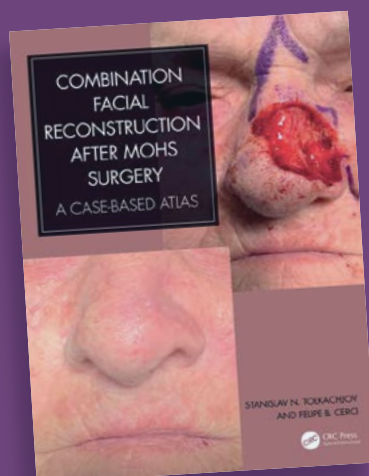
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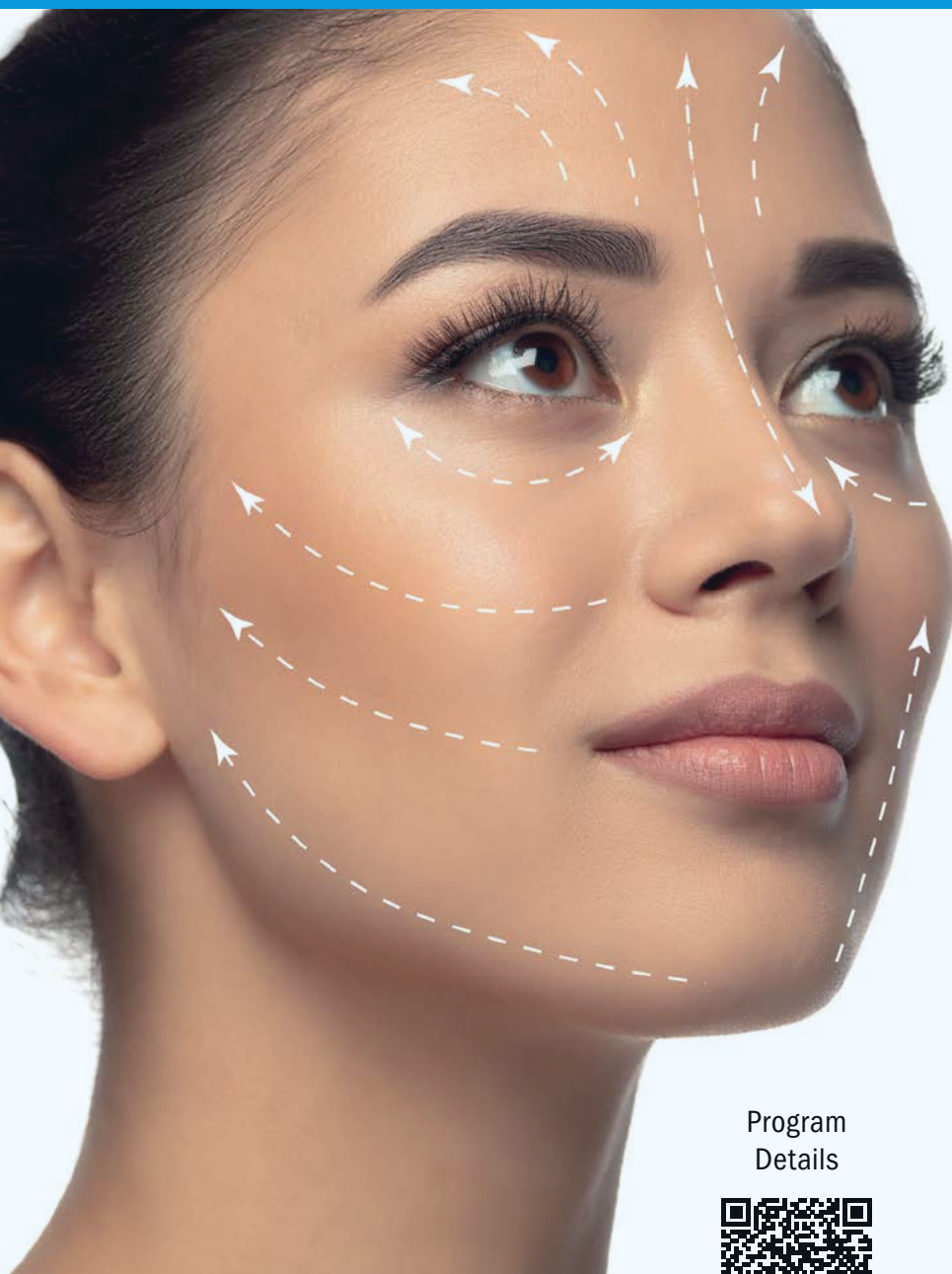
Following the SkinPen treatment, wait 24 hours to proceed with the BIOJUVE regimen.

BIOJUVE™ is a cosmetic topical regimen only and is not approved for any medical conditions. The full BIOJUVE™ regimen was studied and recommended for intact skin only. Any BIOJUVE™ use outside of this recommendation is at the healthcare providers discretion.

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Jay A. Shorr, BA, MBM-C

Jay is the chief executive officer (CEO) and founder of Shorr Solutions, an award-winning consulting firm assisting aesthetic practices with operational, administrative and financial health. He served as the vice president of operations and practice administrator for a leading dermatologist and cosmetic surgeon in south Fla. and has previously held partnerships in two leading plastic surgery centers. A veteran in the conference lecture circuit, Jay serves as an adjunct faculty member at Florida Atlantic University teaching a medical business management course.

Government Regulations

By Jay A. Shorr, BA, MBM-C

Why does the word 'government' seem to invoke mixed feelings when we hear it? In simple terms, government is supposed to be there to protect us from those negative antics that happen if we are not careful. We must have an authority that sets standards for everyone to comply with rules and regulations, but interestingly there are many different rules all within our own government which vary from state to state, commonwealth to commonwealth and locality to locality.

Let's take a look at what the federal and state/commonwealth governmental regulations consist of in our industry:

Labor Laws

These laws include, but are not limited to:

- Minimum wage and hour standards as well as paid time off (PTO) set by both federal and state regulations.
- Workers' compensation standards (set by states).
- Health insurance (rates are set and approved by state insurance commissions).
- Occupational safety and health (OSHA) set by federal guidelines.

Health Insurance Portability and Accountability Act (HIPAA)

HIPAA encompasses the federal government laws set to protect the rights and privacy of individual's protected health information (PHI). Specific standards have been in place since its inception in 1996 and are not optional. Failure to follow these guidelines can create severe monetary civil penalties from the

federal government in addition to the lawsuits that can evolve from the patients whose PHI was violated.

State Regulations Regarding Who May Perform Services

There are different regulations from state to state on who may perform medical services even under the direction of a medical director. While in many states a registered nurse (RN) may inject dermal fillers, neurotoxins and perform laser treatments, nonetheless they may not in other states. A good faith exam must still be performed by a non-RN licensed medical professional such as a physician assistant (PA), nurse practitioner (NP), or medical doctor (MD or DO).

Example: In Fla., only a PA, NP, MD or DO may perform these services with the exception of laser hair removal. An aesthetician with an electrologist certification may perform laser hair removal treatment, but only under the guidance of a good faith exam performed by the above licensed medical professionals.

State Regulations Regarding Who May Own a Medical Practice

The rules vary from state to state. Corporate Practice of Medicine (CPOM) law defines that persons without a medical license are prohibited from employing physicians or owning a medical practice with a physician to provide medical services.

Example: In Texas, a physician must own 100% of the medical practice while in Calif. a physician must own 51% and another licensed medical professional may own the remaining shares.

In Fla., a corporation or non-licensed medical professional may own a medical practice as long as it is not registered as a Professional Association, Professional Corporation or Professional LLC.

In conclusion, always be sure to check with your state and federal authorities to see how your practice is affected by regulatory guidelines. Being judicious in the beginning can save you time and headaches on the back end.



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The Natural Needle Lift by Decade

By Nicole Frontera, NP

My signature technique, The Natural Needle Lift™, creates natural facial symmetry and youthfulness without compromising a patient's unique or distinguishing features. By artfully incorporating a combination of needle-based treatments, I strategically deliver neurotoxins, fillers and threads for perfectly tailored, refreshed results that leave my patients looking natural, beautiful and like themselves.

In the world of social media trends, my goal was to develop a protocol that focuses on how the face ages and how we can prevent the aging process and eliminate the unwanted signs of aging without changing one's individual, natural beauty.

The aging process changes throughout the decades of our lives and keeping in mind the physiological changes taking place helped me develop these protocols.

20s

In our 20s, there is not much aging happening so our approach is preventative. Collagen production is still occurring at a nice rate but the trend with this age group is that they dislike when their makeup starts to settle in the creases of their upper face. For this we do light or 'baby Botox' to soften some of those fine lines without changing how one naturally expresses.

Another common request of women in their 20s is a fuller, sexier pout. Although I do not like to inject based off trends, it's true, most people desire a plumper lip. I gently place a light amount of filler to the lips to give a little more volume for those whose anatomy can handle it. For most, I balance the lips, creating nicer proportions and a more attractive overall shape. Sometimes this is combined with a 'lip flip', and in some I inject neurotoxin to lessen a gummy smile. This leaves the face looking naturally sexy.

30s

In the 30s, we begin to see small, noticeable signs of aging. For most this occurs in the



Before and after the Natural Needle Lift 30s
Photos courtesy of Nicole Frontera, NP

second half of this decade, and this is when people commonly begin to seek the help of aesthetic professionals to combat whatever they are not loving. For this age group, it is most common to start noticing that the high contours and angles of the face tend to lessen slightly. This population tends to seek sharper angles of their cheeks and jawlines. This is not a one-size-fits-all, so I assess the natural features of the patient's face and based off natural facial balancing I can enhance what might be slightly lacking. For some it is cheeks, for others it can be the chin or jawline. I prefer to use products that offer some long-term benefit like biostimulating dermal fillers. I combine biostimulators with very subtle neurotoxin similar to what I use for the 20-somethings, and a light 'lip fill' if necessary to create our Natural Needle Lift for the 30s.

40s

This is the age range when most people come in telling us they look tired. In this decade lots of people are running the rat race after their growing family, or busy with careers, so it is no surprise they look tired. But they don't want to hear they look tired or angry even if that is how they feel.

Neurotoxin use in this group is a little different: we focus on removing those sad, mad or tired

expressions and relaxing the depressor muscles of the face to achieve elevation. A higher brow, more open eyes, and turning up the corner of the mouth are some examples.

In this decade, we see the physiological signs of aging. Some might notice drooping in the mid face due to the decrease and descent of fat pads, and bone starts to reabsorb as we get older. My approach during these years is more like preservation than restoration. I love to perform biostimulator treatments first to see what the patient's body can do naturally. For example, in very lean patients with minimal fat, I use injectable poly-L-lactic acid and/or calcium hydroxylapatite first to see what volume will be naturally produced. Some patients have thicker skin that requires lift rather than volume. For these patients I reposition the fat pads with a thread lift first. Some patients require a little of both. Lastly, I use hyaluronic acid (HA) fillers to lightly fill in some areas that might be creating shadowing as an airbrush technique to create a permanent filter.



Before and after the Natural Needle Lift 40s
Photos courtesy of Nicole Frontera, NP

50s

For some, a Natural Needle Lift in their 50s serves as preservation if they have already been doing light treatments in the previous decades. For others, who might be coming because a big life event is prompting them to

consider aesthetic enhancement, this would be a restorative treatment. Patients at this age and older always say “I used to have...full lips, nice cheeks, etc.” So, we look to see what features they once had that made them feel more attractive that might have lessened, or that they feel went away. I do not want to give someone something they never had, especially if this is their first time doing any aesthetic treatments.

This protocol almost always starts with a thread lift. However, the first question I typically ask most patients in this demographic if they have not done anything yet is if they would consider surgery. My career in aesthetics started with working with plastic surgeons and to this day I still first assist on facelift surgeries. A surgical lift is ideally the best intervention for most in this age group and beyond, but we know not everyone can have surgery. A thread lift will not take the place of a facelift, but it is the next best thing to do in conjunction with lasers and other treatments.

After repositioning the cheek and jowl fat pads to lift the skin, patients are left with softer jowls. I then use a combination of fillers – both HA and biostimulators – to balance the hills and valleys of the face, leaving the face with less shadows and softer transitions. Here, I add some neurotoxins to the neck, known commonly as the ‘Nefertiti Lift’. This will help soften jowls further because the neck muscles or platysma bands insert at the jawline, further pulling the face down. Relaxing these muscles can lead to a slightly more contoured jawline and a smoother neck. If the patient has already had a facelift, they probably will not need threads to lift, but I tell all of my patients I am here to protect their investment. If they’ve had the lift, we can help maintain their results.

Keeping patients looking natural and balanced is the key to this technique. Safety is also a huge priority, so we do a thorough health history to ensure the patient is a candidate for all treatments.

About the Author



Nicole Frontera, NP

Having begun her journey in medicine in the ICU unit, Ms. Frontera is now a leading expert in clinical aesthetics and wellness, and the founder of Nicole Frontera Beauty in Rockaway, N.Y. She is well known for her understanding of the face as a master in the art and science of achieving facial rejuvenation. She offers the most up-to-date methods of youthful enhancements and develops beauty regimes that keep her patients feeling and looking beautiful. She works with the country's top plastic surgeons and is known as the ‘Queen of Injectables’.



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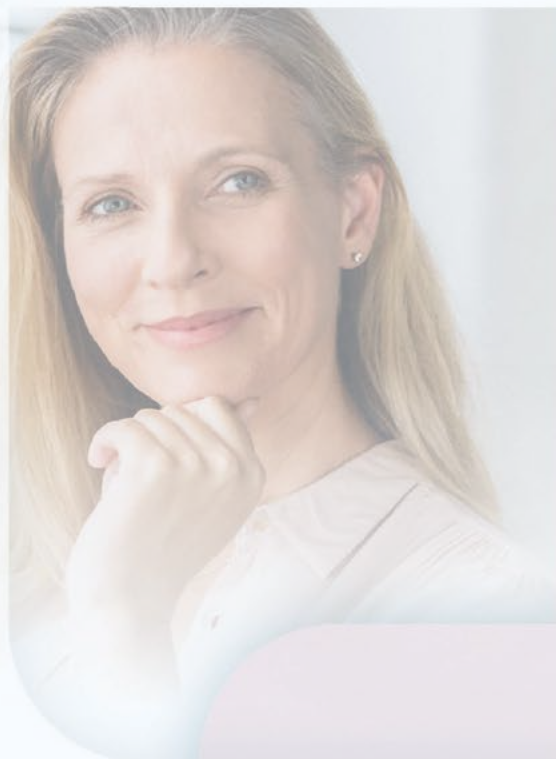
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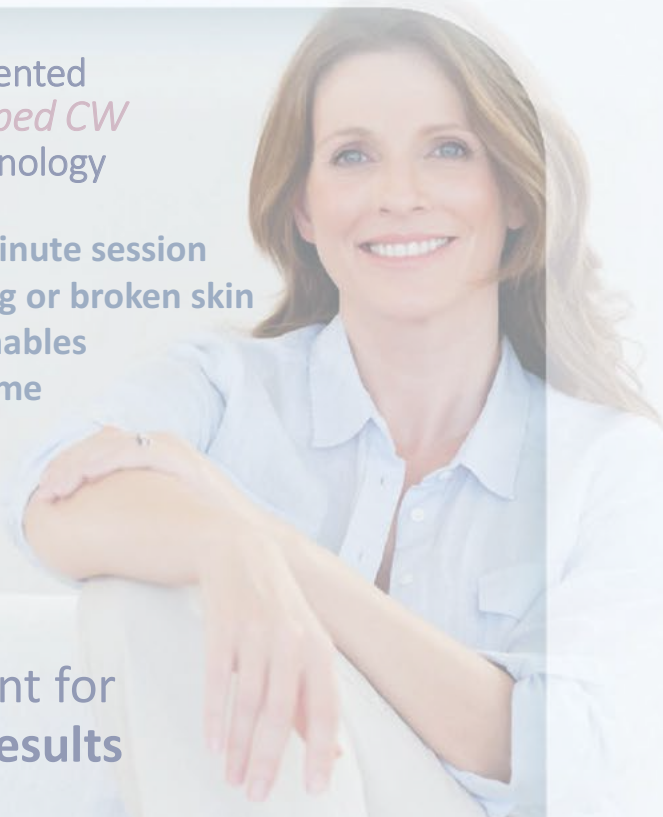


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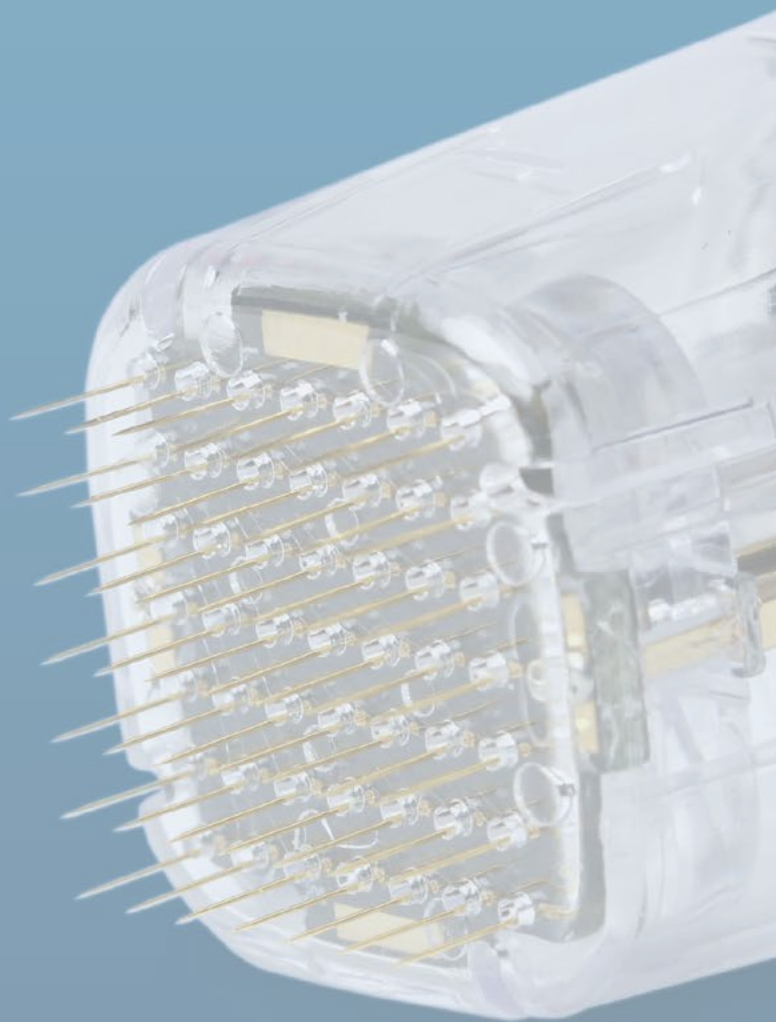


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Aesthetic Company Directory

GCC Aesthetics Inc. dba NassifMD Dermaceuticals

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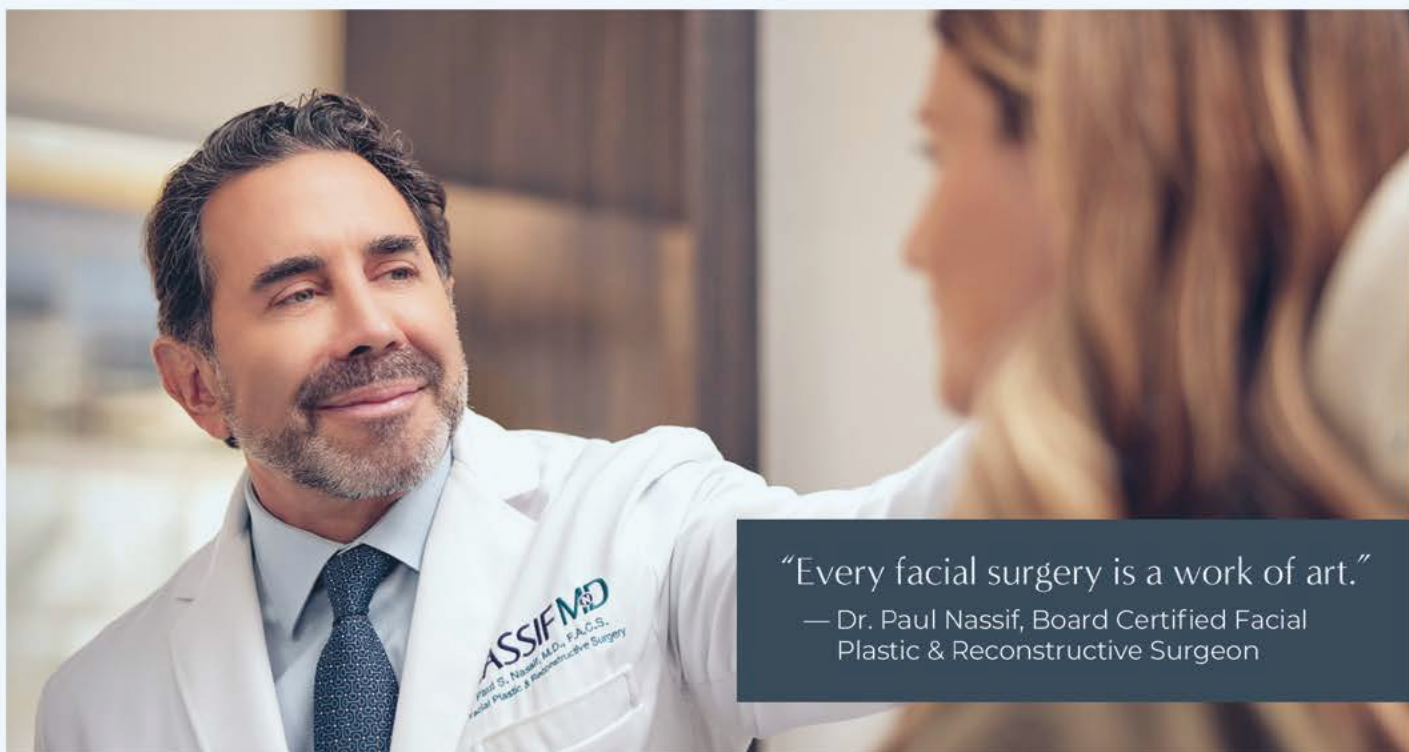
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Aesthetic Company Directory

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Aesthetic Company Directory

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Neurotoxins Comparison Chart

Manufacturer	Product(s)	Key Component	Product and/or Mechanism of Action Description	Physician Price	Regulatory Status
Allergan Aesthetics, an Abbvie Company	BOTOX Cosmetic	onabotulinumtoxinA	100 unit vial (2.5mL); 50 unit vial (1.25mL) – Resulting dose/units per .1mL = 4 units 20 units glabellar lines 24 units (12 units per side) lateral canthal lines 20 units forehead lines	Contact mfr.	FDA-approved treatment for the temporary improvement in the appearance of moderate to severe forehead lines, frown lines and lateral canthal lines in adult patients.
Evolus	JEUVEAU	prabotulinumtoxinA-xvfs	100 Units, vacuum-dried powder in a single-dose vial for reconstitution with 2.5 mL of preservative-free 0.9% Sodium Chloride Injection, USP, per 100 Units. Treatment of glabellar lines: 0.1 mL (4 units) by intramuscular injection into each of five sites, for a total dose of 20 units.	Contact mfr.	FDA approved for temporary improvement in the appearance of moderate to severe glabellar lines associated with corrugator and/or procerus muscle activity in adults.
Galderma Laboratories, L.P.	Dysport	abobotulinumtoxinA	300 Units of lyophilized powder in a single-use vial for reconstitution with 1.5 or 2.5 mL of preservative-free 0.9% Sodium Chloride injection. It is indicated for the treatment of glabellar lines, in which a total dose of 50 units, divided into five equal aliquots of 10 units each, is administered intramuscularly to each of the corrugator muscles (2 injections in each) and the procerus muscle (1 injection) to achieve a clinical effect.	Contact mfr.	FDA approved to treat frown lines between the brows.
	Alluzience	abobotulinumtoxinA	0.625 mL (125 Speywood units) of Ready-to-use BoNT-A liquid neuromodulator formulation	Contact mfr.	Approved to distribute in Europe (excluding Greece, Lithuania, Estonia, Latvia, Hungary).
Merz Aesthetics	Xeomin	incobotulinumtoxinA (150 kDa)	Botulinum toxin type A produced from fermentation of Hall strain Clostridium botulinum serotype A; purified from the culture supernatant; the active ingredient is isolated and separated from the proteins, using two-step chromatography, yielding the active neurotoxin without complexing proteins. Stabilized with the well-known excipients HSA and sucrose. 50 units or 100 units lyophilized powder in a single-dose vial for reconstitution only with preservative-free 0.9% Sodium Chloride injection, USP.	Contact mfr.	FDA approved for temporary improvement in the appearance of moderate to severe glabellar lines associated with corrugator and/or procerus muscle activity in adult patients.
Revance	DAXI	DaxibotulinumtoxinA	150kD Botulinum Toxin Type A	Contact mfr.	Currently under regulatory review for treatment of glabellar lines, forehead lines and lateral canthal lines; approval expected 2022.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Product Profiles



MINT FINE+

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Derma Filler Product Comparison Chart

Supplier	Product(s)	Key Component	Description	Physician Price	Regulatory Status
Allergan Aesthetics, an AbbVie company	CosmoDerm	Purified Human-based	Purified human-based collagen 35 mg/mL.	\$205	Worldwide
	CosmoPlast	Collagen + Lidocaine	Purified human-based collagen 35 mg/mL, cross-linked with glutaraldehyde. *All collagen products contain 0.3% lidocaine.	\$235	Worldwide
	HydraFill – Softline	Non-animal Hyaluronic Acid	Non-animal, cross-linked cohesive hyaluronic acid 24 mg/g.	\$200 – \$225	CE marked.
	HydraFill – Softline Max	Non-animal Hyaluronic Acid + Lidocaine	Non-animal, cross-linked cohesive hyaluronic acid 24 mg/g.	\$200 – \$225	CE marked.
	Juvéderm ULTRA 2	Non-animal Hyaluronic Acid	Non-animal, cross-linked cohesive hyaluronic acid 24 mg/g.	\$200 – \$225	CE marked.
	Juvéderm ULTRA 3	Non-animal Hyaluronic Acid	Non-animal, cross-linked cohesive hyaluronic acid 24 mg/g.	\$200 – \$225	CE marked.
	Juvéderm ULTRA 4	Non-animal Hyaluronic Acid	Non-animal, cross-linked cohesive hyaluronic acid 24 mg/g. *All Juvéderm ULTRA products contain 0.3% lidocaine.	\$245	CE marked.
	Juvéderm VOLUMA	Non-animal Hyaluronic Acid	Non-animal, cross-linked cohesive hyaluronic acid 20 mg/g.	Contact mfr.	CE marked for facial volume restoration.
	Juvéderm HYDRATE		13.5 mg/g plus mannitol 0.9%; 1 x 1 mL syringe.	Contact mfr.	CE marked.
	JUVÉDERM VOLUX XC	Hyaluronic acid	Indicated for subcutaneous and/or supraperiosteal injection for improvement of jawline definition in adults over the age of 21 with moderate to severe loss of jawline definition.	Contact mfr.	FDA approved 2022
	JUVÉDERM VOLUMA XC	Hyaluronic acid	Indicated for deep (subcutaneous and/or supraperiosteal) injection for cheek augmentation to correct age-related volume deficit in the mid-face and for augmentation of the chin region to improve the chin profile in adults over the age of 21.	Contact mfr.	FDA approved 2020
	JUVÉDERM VOLLURE XC	Hyaluronic acid	Injectable gel indicated for injection into the mid to deep dermis for correction of moderate to severe facial wrinkles and folds (such as nasolabial folds) in adults over the age of 21.	Contact mfr.	FDA approved 2017
	JUVÉDERM VOLBELLA XC	Hyaluronic acid	Injectable gel indicated for injection into the lips for lip augmentation and for correction of perioral rhytids, and for the improvement of infraorbital hollowing in adults over the age of 21.	Contact mfr.	FDA approved 2022
	JUVÉDERM Ultra XC	Hyaluronic acid	Injectable gel indicated for injection into the mid to deep dermis for correction of moderate to severe facial wrinkles and folds (such as nasolabial folds), and for injection into the lips and perioral area for lip augmentation in adults over the age of 21.	Contact mfr.	FDA approved 2010
	JUVÉDERM Ultra Plus XC	Hyaluronic acid	Injectable gel indicated for injection into the mid to deep dermis for correction of moderate to severe facial wrinkles and folds (such as nasolabial folds).	Contact mfr.	FDA approved 2010
Galderma Laboratories, L.P.	Restylane-L	Hyaluronic acid manufactured using NASHA Technology*	Indicated for mid-to-deep injection into the facial tissue for the correction of moderate to severe facial wrinkles and folds, such as nasolabial folds. Indicated for submucosal implantation for lip augmentation in patients over the age of 21.	Contact mfr.	FDA Approved in 2005. P040024/S039
	Restylane Lyft	Hyaluronic acid manufactured using NASHA Technology*	Indicated for implantation into the deep dermis to superficial subcutis for the correction of moderate to severe facial folds and wrinkles, such as nasolabial folds, and for subcutaneous to supraperiosteal implantation for cheek augmentation and correction of age-related midface contour deficiencies. Indicated for injection into the subcutaneous plane in the dorsal hand to correct volume deficit in patients over the age of 21.	Contact mfr.	FDA Approved in 2010 + 2015 for midface. P040024/S073
	Restylane Silk	Hyaluronic acid manufactured using NASHA Technology*	Indicated for submucosal implantation for lip augmentation and dermal implantation for correction of perioral rhytids in patients over the age of 21.	Contact mfr.	FDA Approved in 2005 + 2014 for lip. P040024/S072
	Restylane Contour	Hyaluronic acid manufactured using XpresHAn Technology**	Indicated for use in cheek augmentation and correction of midface contour deficiencies in patients over the age of 21.	Contact mfr.	FDA Approved in 2021. P140029/S032
	Restylane Defyne	Hyaluronic acid manufactured using XpresHAn Technology**	Indicated for injection into the mid-to-deep dermis for correction of moderate to severe, deep facial wrinkles and folds (such as nasolabial folds) in patients over the age of 21. Indicated for injection into the mid-to deep dermis (subcutaneous and/or supraperiosteal) for augmentation of the chin region to improve the chin profile in patients with mild to moderate chin retrusion over the age of 21.	Contact mfr.	FDA Approved in 2016 + 2021 for chin indication. P140029/S027
	Restylane Kysse	Hyaluronic acid manufactured using XpresHAn Technology**	Indicated for injection into the lips for lip augmentation and the correction of upper perioral rhytids in patients over the age of 21.	Contact mfr.	FDA Approved in 2020. P140029/S021
	Restylane Refyne	Hyaluronic acid manufactured using XpresHAn Technology**	Indicated for injection into the mid-to-deep dermis for correction of moderate to severe facial wrinkles and folds (such as nasolabial folds) in patients over the age of 21.	Contact mfr.	FDA Approved in 2016. P140029
	Sculptra	injectable poly-L-lactic acid *NASHA technology through which stabilization is achieved by preserving the naturally occurring hyaluronic acid network through minimal synthetic crosslinks, products are differentiated by the calibration size of the screen used to extrude the gel to a defined size **XpresHAn TechnologyTM (known as Optimal Balance TechnologyTM [OBT]) outside the US), products are differentiated by their degree of cross-linking and the calibration size of the screen used to extrude the gel to a defined size	Indicated for correction of shallow to deep nasolabial fold contour deficiencies and other facial wrinkles for use in immune-competent subjects. Intended for restoration and/or correction of the signs of facial fat loss (lipoatrophy) in people with human immunodeficiency virus.	Contact mfr.	FDA Approved in 2009. P030550
Merz Aesthetics	Belotero Balance – 22.5 mg/mL	Hyaluronic Acid	Sterile, bioresorbable, non-pyrogenic, viscoelastic, clear, colorless, homogeneous gel device. Bacterially fermented, injectable, hyaluronic-acid-based dermal filler.	Contact mfr.	CE marked in Europe. FDA approved.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Dermal Filler Product Comparison Chart

Supplier	Product(s)	Key Component	Description	Physician Price	Regulatory Status
Merz Aesthetics (Continued)	Radiesse	CaHA	Radiesse injectable implant is a sterile non-pyrogenic, semi-solid, cohesive implant, whose principle component is synthetic calcium hydroxylapatite suspended in a gel carrier of sterile water for injection, glycerin and sodium carboxymethyl cellulose (1.5 cc, 0.8 cc).	Contact mfr.	CE marked in Europe. FDA approved.
	Radiesse (+)	CaHA	RADIESSE (+) Lidocaine injectable implant is an opaque, sterile non-pyrogenic, semi-solid, cohesive implant, whose principle component is synthetic calcium hydroxylapatite suspended in a gel carrier of glycerin, sodium carboxymethyl cellulose 0.3% lidocaine hydrochloride and sterile water for injection (1.5 cc, 0.8 cc).	Contact mfr.	
MTF Biologics	Renuva	Allograft Adipose Matrix	Derived from allograft adipose extracellular matrix which contains the same collagen, growth factors and proteins found in native adipose tissue.	Contact mfr.	FDA Regulated 361 HCT/P
Prolenium	Revanesse Lips+	HA concentration of 25 mg/mL	Revanesse Lips+ is an FDA approved hyaluronic acid dermal filler that can be used for submucosal implantation for lip augmentation in patients 22 years of age or older.	Contact mfr.	FDA approved.
	Revanesse Versa	HA concentration of 25 mg/mL	Revanesse Versa+ is an FDA approved hyaluronic acid dermal filler that can be used to treat moderate to severe facial wrinkles and folds, including nasolabial folds in patients 22 years of age or older.	Contact mfr.	FDA approved.
Revanche	RHA Redensity	Preserved Network Technology Non-animal Hyaluronic Acid 15mg/mL + Lidocaine 0.3%	RHA Redensity is the first and only FDA-approved filler for injection into both the superficial dermis and dermis to treat moderate to severe perioral rhytids. RHA Redensity has the highest stretch score of the RHA Collection, and the highest stretch of any hyaluronic acid filler in the U.S. Market.	Contact mfr.	CE marked. FDA approved.
	RHA 2	Preserved Network Technology non-animal Hyaluronic Acid 23mg/mL + Lidocaine 0.3%	The RHA collection of fillers is for injection into the facial tissue for the correction of dynamic facial lines, wrinkles and folds that are moderate to severe, such as nasolabial folds.	Contact mfr.	CE marked. FDA approved.
	RHA 3	Preserved Network Technology non-animal Hyaluronic Acid 23mg/mL + Lidocaine 0.3%	Indicated for injection into the mid-to-deep dermis for the correction of moderate to severe dynamic facial wrinkles and folds, such as nasolabial folds.	Contact mfr.	CE marked. FDA approved.
	RHA 4	Preserved Network Technology non-animal Hyaluronic Acid 23mg/mL + Lidocaine 0.3%	Indicated for injection in the deep dermis to superficial subcutaneous tissue for the correction of moderate to severe dynamic facial wrinkles and folds, such as nasolabial folds.	Contact mfr.	CE marked. FDA approved.
Suneva Medical	BellaFill	Purified Bovine Collagen and PMMA	80% purified bovine collagen and 20% polymethylmethacrylate (PMMA) microspheres and 0.3% lidocaine.	Contact mfr.	FDA approved for the correction of nasolabial folds and moderate to severe, atrophic, distensible facial acne scars on the cheek in patients over the age of 21 years.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

DermaLight KTP Laser

The DermaLight KTP Laser is the treatment of choice for vascular and pigmented lesions. This laser sets a new standard for efficacy, reliability and ease of use. DermaLight is made in the U.S., providing a compact and affordable solution for treating telangiectasia, angiomas and a variety of benign pigmented lesions. The system includes a PC-based color touchscreen, wireless footswitch, preset treatment protocols, heavy duty carry case, and in-service training and certification.



NewSurg: (215) 570-4327 or visit www.newsurg.com

Product Profiles



Venezia Lift

New non-ablative CO₂ fractional skin rejuvenation. A short 15-minute session with no consumables and no downtime. Safe for all skin types – treatment can be done year-round. Invisible treatment for visible results.

Lasering USA: (866) 471-0469 or
contact info@laseringusa.com



ThermiRF+

Meet the demand for non-invasive and long-lasting procedures with the ThermiRF+. Our innovative radio-frequency device safely utilizes an electrical current to penetrate the deeper layers of the skin at an optimal wavelength of 460kHz to stimulate collagen production and increase blood flow for tighter tissue. Offering both 20 and 50-watt capacities and over four applications, such as ThermiVa, ThermiSmooth, ThermiTight and our newest application ThermiFit, this device ensures superior temperature control and patient customization.

Thermi by Celling Biosciences: (512) 637-6745 or visit www.Thermi.com

Skin Rejuvenation Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Aesthetic Management Partners						
Alpha Pro	3D IPL and laser diode hair removal	530 - 1100 nm and 808 nm diode	48J/cm ²	Variable, selectable up to 50 msec	Contact mfr.	N/A
AMA Meditime						
The Oligio	Monopolar RF	N/A	Up to 400 W	N/A	Contact mfr.	Functions using two tip types for full face or periorbital/eyelid areas (body tip in development). Other cost-efficient consumables required are The Oligio Coupling Fluid, Grounding Pads and Cryogen Gas canisters.
BENEV Company, Inc.						
Sylfirm X	Emerging Dual Wave RF Microneedling System	N/A	N/A	Pulse Wave Mode: 30 msec - 60 msec; Continuous Wave Mode: 120 msec - 300 msec	MSRP \$149,000	Sylfirm X Standard and XE Tip
SmartLux Mini	SLD Phototherapy Device	Blue (415 - 425 nm), Red (630 - 640 nm), Infrared (820 - 830 nm)	75 W/cm ³ ~ 90 W/cm ³	N/A	MSRP \$13,000	N/A
Cutera						
xeo excel V+	Laser	1064 nm 532 nm, 1064 nm	Up to 300 J/cm ² Up to 300 J/cm ²	Up to 300 ms Up to 60 ms	Contact mfr. Contact mfr.	Optional IPL handpieces. Laser Genesis. 1 mm and 2 mm Dermastat pens. Laser Genesis and Green Genesis.
enlighten (Pico Genesis)	Laser	532 nm / 670 nm / 1064 nm	400 mJ / 125 mJ / 800 mJ Up to 30 W (up to 175 mJ) / 70 W (64 pin), 25 W (25 pin)	750 ps, 2 ns / 660 ps / 750 ps, 2 ns 20 - 5,000 µs / 50 - 950 ms	Contact mfr.	No per treatment consumables. All accessories included.
Secret PRO	Fractional CO ₂ / Bipolar RF Microneedling	10,600 nm / 2 MHz	Up to 12W / 70 W (64pin), 25 W (25 pin)	700 - 5000 µs / 50 - 950 ms	Contact mfr.	Surgical CO ₂ handpiece available. RF Microneedling tips are gold-plated for biocompatibility, semi-insulated and non-insulated, 0.25 mm thin, and available in 25 or 64 pin arrangements.
Secret DUO	Laser + Bipolar RF Microneedling	1540 nm / 2 MHz	Up to 12W / 70 W (64pin), 25 W (25 pin)	700 - 5000 µs / 50 - 950 ms	Contact mfr.	1540 nm handpiece available with 300 and 600 µm tips. RF microneedling tips are gold-plated for biocompatibility, semi-insulated and non-insulated, 0.25 mm thin, and available in 25 or 64 pin arrangements.
DEKA						
SmartXide DOT	Fractional CO ₂	0.6 µm	50 W max	200 - 2000 µs	Contact mfr.	DOT Scanner and Free hand handpiece; touch screen monitor, Stack feature, Smart Track delivery mode, Smart Pulse, patient database, CW, PW, traditional and fractional scanning modes available.
SmartXide ²	Fractional CO ₂	10.6 µm	80 W max	100 - 2000 µs	Contact mfr.	PSD technology with selectable pulse shape (SP, DP, UP; HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner with RF feature, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, multimedia built-in training videos, huge patient database with videos and photos. User protocol storage. Optional diode laser module.
SmartXide Touch	Fractional CO ₂	10.6 µm	60 W max	100 - 2000 µs	Contact mfr.	PSD technology with selectable pulse shape (SP, DP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner with RF feature, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, multimedia built-in training videos, huge patient database with videos and photos. User protocol storage. Optional diode laser module. Multidisciplinary.
SmartXide Tetra	Fractional CO ₂	10.6 µm	50 W max	100 - 2000 µs	Contact mfr.	PSD technology with selectable pulse shape (SP, DP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, huge patient database. User protocol storage. Multidisciplinary.
MiniSilk FT	Pulsed Light System	500 nm, 520 nm, 550 nm; 600 nm; 650 nm Filter	2 - 2.5 J/cm ²	2 - 85 ms (1-3 pulses)	Contact mfr.	Interchangeable snap-on filters; integrated skin contact cooling; lamp water cooling; transportable. 3.1 cm ² or 6.2 cm ² spot area available. IR filter available for increased skin tightening.
Synchro FT	Multifunctional Platform	1064 nm Nd:YAG / IPL: 500 nm, 520 nm, 550 nm; 600 nm; 650 nm	700 J/cm ² (max) SP and LP / 160 J (max) energy per pulse	From 0.8 - 10 ms SP; from 2 - 30 ms LP (1-3 pulses) / From 3 - 8 ms	Contact mfr.	Five application-specific handpieces. Top hat technology and Auto Spot Size Recognition System; contact cooling or optional external cooling connections; delivery pulse settings available; patient database and protocols. IPL: five optional filters, 30,000 shots guaranteed. No disposables.
Synchro REPLA:Y	Multifunctional Platform	755 nm Alexandrite / 1064 nm Nd:YAG / IPL: 500 nm; 520 nm; 550 nm; 600 nm; 650 nm	63.5 J (max) - 125 W (max) / LP: 120 J - 180 W (max); SP: 120 J (max) / 160 J (max) energy per pulse	From 2 - 50 ms (single pulse); from 2 - 40 ms (double pulse) / From 2 - 50 ms SP mode; from 0.2 - 12 ms LP mode / From 3 - 8 ms	Contact mfr.	Alex emission: 5 Hz and high power (125 W) system. Nd:YAG laser module: 180 W with up to 27,000 W pulse peak power; three delivery pulse designs and adjustment feature for Alexandrite and Nd:YAG. Twelve application handpieces up to 24 mm. Auto Spot Size Recognition System. Top hat technology; contact cooling or optional external cooling connections; patient database and protocols; IPL: five filters (optional) with enhanced vascular capabilities; 500 G. No disposables.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Skin Rejuvenation Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
DEKA (Continued)						
LUXEA	Multifunctional Platform	Lilac, Prisma, Sparks, Lazur, Viridis	6.2 cm ² interchangeable filters: 550 nm, 600 nm and 650 – 1200 nm. 1064 nm Q-switched: 2x2 mm/ 3x3 mm spot size. 1064 nm Nd:YAG: 2.5 mm/4 mm/6 mm/ 10 mm spot size. 6.2 cm ² integrated 420 – 1200 nm filter. 2.1 cm ² integrated 500 – 677 nm and 854 – 1200 nm (band pass) filter called 500 G.	Single Pulse: from 3 – 50 ms, 6 ns, 6 – 30 ms, 8 ms, 30 ms, 50 ms, from 5-50 ms.	Contact mfr.	Flexible multifunctional platform; several handpieces with integrated peltier skin contact cooling. Different filter solutions for different skin rejuvenation needs (either vascular; BPL, etc...) Up to 10 Hz rep rate available on laser wavelengths. Additional standard handpiece for vascular, skin rejuvenation and other dermatology indications. Contact cooling and delivery pulse settings available. Three filters with up to 120,000 shots guaranteed IPL included. No disposables.
Motus AY	High Frequency Alexandrite / Nd:YAG Laser	755 nm / 1064 nm	Up to 30 J / up to 60 J	From 2 – 50 ms (single pulse); from 4 – 80 ms (Twin pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode	Contact mfr.	Transportable device, integrated Peltier skin contact cooling. Up to 20 mm spot area with up to 10 Hz rep. rate on both Nd:YAG and Alex wavelengths. Proprietary new Mòvèo technology functionality for painless and smokeless hair removal. Additional standard handpiece for vascular, skin rejuvenation and other dermatology indications.
Motus AZ+	High Power and Frequency Alexandrite & Nd:YAG Laser	755 nm Alexandrite; 1064 nm Nd:YAG	Up to 31 J (62W); Up to 63 J (94W)	Single mode pulse length 2 – 50 ms, Burst Pulse length 4 – 80 ms, Total burst length 14 – 300 ms; 1 – 10 Hz rep. rate.	Contact mfr.	Transportable device, integrated Peltier skin contact cooling; hair removal, pigmented and vascular lesion treatments applied through either proprietary new Mòvèo Technology functionality for total painless and smokeless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate on both Nd:YAG and Alexandrite wavelengths. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off.
HELIX	Fractional CO ₂ / 1570 nm	10.6 µm / 157 nm	70 W max	10600 nm: 0.4 ms - 4 ms 1570 nm: 0.4 ms - 12 ms		Two wavelengths sequentially used with different patterns. PSD technology with selectable pulse shape (SP-DP-HP-PW-CW, traditional & fractional scanning modes available), DOT/RF scanner, free hand, TFT touch screen monitor, Stack and Smart track delivery mode. Storing user's protocols. Multidisciplinary.
Fotona						
SP Dynamis	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	01 – 50 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. S-11: Nd:YAG scanner: 42 cm ² Tx area. Er:YAG handpieces: 0.25 – 12 mm spot sizes; Nd:YAG handpieces: 2 – 20 mm spot sizes.
XS Dynamis	Er:YAG	2940 nm	Up to 500 J/cm ²	01 – 1.5 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. Er:YAG handpieces: 0.25 – 12 mm spot sizes.
XP MAX	Nd:YAG	1064 nm	Up to 600 J/cm ²	01 – 300 ms	Contact mfr.	S-11: Nd:YAG scanner: 42 cm ² Tx area. Nd:YAG handpieces: 2 – 20 mm spot sizes.
QX MAX	Nd:YAG Q-Switched / Long Pulse	1064 nm, 532 nm, 585 nm, 650 nm	Up to 160 J/cm ²	5 – 20 ns / 250 µs	Contact mfr.	Handpieces: 2 - 8 mm spot sizes.
SP Spectro	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	N/A	Contact mfr.	F-Runner fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. S-11 Nd:YAG scanner: 42 cm ² Tx area. Er:YAG handpieces: 0.25 – 12 mm spot sizes; Nd:YAG handpieces: 2 – 20 mm spot sizes.
XP Spectro	Nd:YAG / Long Pulse	1064 nm	Up to 600 J/cm ²	01 – 50 ms	Contact mfr.	S-11 Nd:YAG scanner: 42 cm ² Tx area. Nd:YAG handpieces: 2 – 20 mm spot sizes.
XP Dynamis	Nd:YAG / Long Pulse	1064 nm	Up to 600 J/cm ²	01 – 50 ms	Contact mfr.	Same as above.
StarWalker MaQX	Nd:YAG Q-Switch Pico / Nano	523 nm, 585 nm, 650 nm, 1064 nm	Up to 300 J/cm ²	580 ps, 0.6 – 50 ms, 5 ns / Hybrid Pico in Nano, Fractional	Contact mfr.	R28, R29, R58, R58S, R650, FS20, FS20A, FS20B, FS50, up to 20 mm spot size.
TimeWalker	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	0.6 ms – 60 sec	Contact mfr.	R33T, PSO3X, LA adapter, R30Y and R11.
Lasering USA						
SLIM E30 MiXto SX	CO ₂	10,600 nm	0.5 – 30 W	2.5 – 16 ms	Contact mfr.	Patented chopped CW fractional scanner system; 20 x 20 mm, 180 micron scanning handpiece; 300 micron scanning handpiece; full range of cutting handpieces, micromanipulator and before micromanipulator. No disposables. New Venezia Lift non-ablative skin rejuvenation handpiece.
SLIM EVOLUTION II MiXto PRO	CO ₂	10,600 nm	0.5 – 30 W	2.5 – 16 ms	Contact mfr.	Same as above.
Velure S5 MiXto VX	LBO Diode	532 nm	0.1 – 5 W	10 – 1,000 ms	Contact mfr.	MiXto VX Fractional scanner for non-ablative skin reju-venation. Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.0 mm, 1.5 mm. No disposables.
Lutronic Aesthetics						
DermaV	Nd:YAG laser	1064 / 532 nm	Up to 600 J/cm ²	0.1 - 300 ms	Contact mfr.	Digitally-based Nd:YAG platform that includes cryogen cooling with 532 nm and exclusive multi-pulse applications to effectively treat all vascular and pigmented lesions. Standard spots of 2 - 16 mm are included with single fiber, advanced handpiece, IntelliTrak and Temperature Sensing.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Skin Rejuvenation Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Lutronic Aesthetics (Continued)						
eCO ₂ Plus	CO ₂ Fractional Laser	10600 nm	Up to 240 mJ	40 - 1,000 us; 1-5 ms	Contact mfr.	Customizable fractional CO ₂ treatments with advanced capabilities to safely deliver laser resurfacing to lighten and brighten patient complexions, including the reduced appearance of acne scars.
Genius	Bipolar Fractional RF Microneedling	N/A	50W	10 - 1,000 ms	Contact mfr.	N/A
Hollywood Spectra	Nd:YAG Nano-Acoustic Laser	1064 / 532 nm Optional Dye HPs: 585 / 650 nm	Up to 1.4 J	5 ns and 0.3 ms	Contact mfr.	Proven short-pulse platform for reducing unwanted pigment and stimulating collagen with low downtime. HyperSurge, IntelliBeam and MDF Microbeam technologies included as standard for complete lightening and brightening treatment benefits. Exclusive Hollywood Laser Peel and AcnePeel treatments.
Ultra	Thulium Laser	1927 nm	1 - 20 mJ at 20 W	N/A	Contact mfr.	Highest powered non-ablative fractional thulium laser is fully customizable to all patient skin types, year round. Reduces pigment and stimulates collagen with minimal patient downtime. Optional serums and cooling masks can complement the experience and allow for new treatment capabilities.
NewSurg						
DermaLight KTP Laser	KTP Laser	532 nm	Up to 5 W	Infinite	Contact mfr.	MultiSpot handpiece
Photonica USA						
UltraSlim	Medical electrical equipment	635 nm +/- 2 nm	50.4 or 126 J/cm ² at 8 or 20 minutes.	N/A	Contact mfr.	N/A
UltraSmooth	Medical electrical equipment	532 nm +/- 3 nm	126 J/cm ² at 20 minutes.	N/A	Contact mfr.	Hand-held percussion massager.
Sofwave						
Sofwave	Ultrasound	N/A	60 - 70 degrees, 1.5 mm depth, 7 parallel ultrasound beams	N/A	Contact mfr.	Handpiece

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Product Profiles



Epionce Renewal Facial Cream

Epionce Renewal Facial Cream is clinically proven to reduce the visible appearance of fine lines, wrinkles and other signs of skin aging using barrier-boosting cholesterol, ceramides and free fatty acids that renew and nurture the skin. Gentle, botanical-based formulas improve radiance and clarity without over-drying or causing unwanted irritation in the skin.

Episciences, Inc.:
(866) EPIONCE (866-374-6623)
or visit www.epionce.com

Luvo Lucent

The Luvo Lucent is designed to prioritize your investment and patient results. Clinicians like you agree, prioritizing large area treatments is key to profitability. With its large spot size and unmatched power, Lucent breezes through large areas but includes adapters to focus on smaller anatomical areas as well. Luvo Lucent covers the core of your practice with one device: pigment, vascular lesions and hair removal.

Powered by MRP: (435) 731-8232 or visit www.mrp.io



PlaDuo

PlaDuo is a laser treatment device that generates plasma energy and triggers a chemical reaction in the skin. PlaDuo converts nitrogen gas into plasma and delivers it to the skin, resulting in the production of ROS and RNS which helps to regenerate skin, reduce inflammation and control sebaceous glands. In addition, it is very effective in killing bacteria on the surface of the skin and treating inflammation caused by bacteria. With no anesthesia and downtime, PlaDuo can benefit people with all skin types without affecting chromophore.

Cartessa: (877) 662-2783 or visit www.cartessaesthetics.com

Thread Lift Products Comparison Chart

Manufacturer	Product(s)	Device Type	Description	Physician Price	Regulatory Status
BENEV Company, Inc.	Miracu	PDO Threads	Elasty Meshfill, Elasty Line, Forte Basic, Forte Fix, Barb FC and FCN, Elasty Meso Needle, Elasty Micro Cannula.	Contact mfr.	FDA cleared for soft tissue approximation where use of an absorbable suture is appropriate. (K172602)
	Miracu Elasty Meshfill	Pre-loaded cannula	16-line mesh thread	\$520/box (10 units)	FDA Cleared Class II (K172602)
	Miracu Elasty Line	Pre-loaded cannula	Cone anchor thread with double coating and press sculpting	\$520/box (10 units)	FDA Cleared Class II (K172602)
	Miracu Forte Basic	Pre-loaded cannula	Forte Basic thread has strong fixation with deep bi-directional cogs. Forte 2 thread has strong fixation with inverted deep bi-directional cogs.	\$420/box (10 units)	FDA Cleared Class II (K172602)
	Miracu Forte Fix	Pre-loaded cannula	Provides superior traction power and holding through enhanced dual action technology and 4-dimensional multi bi-directional blocking technology with heatless press sculpting.	\$440/box (10 units)	FDA Cleared Class II (K172602)
BIONICA Company	VICTORIA Thread Sutures	Cosmetic threads for soft tissue approximation.	VICTORIA Thread Sutures represent a collection of PDO threads including linear mono and smooth, barbed, embossed linear and smooth, volumizing, threads with two needles. Durable and long-lasting polymer. Uses raw materials and follow vacuum drying process to receive a final product with optimal concentration of water.	Contact mfr.	CE marked. FDA cleared.
HansBiomed USA, Inc.	MINT FINE+	Bi-directional PDO Thread	MINT FINE+ is the quintessential PDO thread. It is a powerful 18 cm long bi-directional thread pre-cannulated in a 18G W type cannula. It has high tensile strength, remarkable versatility, and exceptional ease of use, making it the ideal tool for your thread lifting needs.	Contact mfr.	FDA Cleared
	MINT PETIT+	Bi-directional PDO Thread	MINT PETIT+ offers the benefits of FINE+ in a more compact way. It is designed with 2 cm of barbs of lifting and 4.5 cm of barbs for anchoring. The high distribution of bi-directional barbs across a shorter thread length makes this revolutionary thread the perfect choice for reverse vector designs and micro-contouring.	Contact mfr.	FDA Cleared
	MINT 17+	Bi-directional PDO Thread	MINT 17+ offers the signature MINT lift and anchorage in a pre-loaded cannula. The bullet tip makes it easy to pass the cannula through resistant tissue. The stabilizer cap prevents the thread from prematurely latching onto the tissue to allow the user better control of when and where to engage the thread.	Contact mfr.	FDA Cleared
Meditime Co., Ltd.	Viola Threads	PDO Threads	Fully biodegradable threads available in different shapes, sizes and materials, including 5D Fix Coglyft and Doublelyft Flat Mesh. U.S. FDA (#K190264) cleared for barbed sutures, PDO threads are suitable for soft tissue approximation and are ideal for non-invasive procedures like full-face and body contouring, skin tightening, scar improvement and promoting neocollagenesis.	Contact mfr.	U.S. FDA (510k) Clearance
	5D Fix Coglyft	PDO Threads	A 360° multi-cog type PDO thread. The dispersed force of the cog lifts the skin tissue in the opposite direction of gravity and is fixed in place after the procedure, which prevents the migration of thread. Has a strong tensile strength and has a great effect on holding the tissue of sagging skin.	Contact mfr.	U.S. FDA (510k) Clearance
	Doublelyft Flat Mesh	PDO Threads	Consists of two separate blunt-tip needles attached to a thread with coglyft and mesh-structured smooth threads. This thread is specially designed for double chins and neck enhancement, with different pulling mechanisms using mesh and cogs.	Contact mfr.	U.S. FDA (510k) Clearance
PDO Max, Inc.	Levo Lock	Molded barbed/cog PDO thread	Bi-directional anchoring thread, U.S.P. size 1. Best used for advanced reverse vector techniques	Contact mfr.	FDA cleared for thread-inside-cannula (full device) (K190245)
	Levos	Omni-directional barbed/cog PDO thread	Strongest tensile strength threads on the market: 18G is U.S.P. size 2; 19G is U.S.P. size 1, 21G is U.S.P. size 0	Contact mfr.	FDA cleared for thread-inside-cannula (full device) (K190245)
	Multi-Smooth PDO Thread	Multi-threads	Seven smooth threads inside one cannula. Great for filling and plumping the skin around the cheek, nasolabial folds and temporal hollows and treating deep lines like "11s".	Contact mfr.	FDA cleared for thread-inside-cannula (full device) (K190245)
Suneva Medical	Silhouette Instalift	Absorbable suture/thread with bi-directional micro cones	Composed of Poly lactic-co-glycolic acid (PLGA). First cleared absorbable suture with patented bi-directional micro cones to provide both an immediate lift and long-term lift. Silhouette Instalift sutures and cones are composed of 18% PLGA and 82% PLLA.	Contact mfr.	FDA cleared in 2015.
V Soft Lift USA	VSoft Lift PDO Threads	PDO Threads	Committed to extensive research and development to deliver a strong lift and some of the best collagen and elastin biostimulation available. Offer a wide variety of different types and sizes of PDO threads to meet many individual patient needs. Offers extensive and innovative high-end PDO thread portfolios.	Starting at \$5/thread	FDA cleared Class II

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Acne Tx Device Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Advalight						
ADVATx	Diode	589 nm / 1319 nm	Up to 40 J/cm ²	Variable	Contact mfr.	Included scanner handpiece and optional foot pedal.
BENEV Company Inc.						
SmartLux Mini	SLD Phototherapy Device	Blue (415 – 425 nm), Red (630 – 640 nm), Infrared (820 – 830 nm)	75 W/cm ³ ~ 90 W/cm ³	N/A	MSRP \$13,000	N/A
Cutera						
AviClear excel V+	Laser Laser	1726 nm 532 nm, 1064 nm	Up to 100 W Up to 300 J/cm ²	Up to 50 ms Up to 60 ms	Contact mfr. Contact mfr.	No per treatment consumables. All accessories included. 1 mm and 2 mm Dermastat pens.
DEKA						
SmartXide DOT	Fractional CO ₂	10.6 µm	50 W max	200 – 2000 µs	Contact mfr.	DOT Scanner and Free hand handpiece; touch screen monitor, Stack feature, Smart Track delivery mode, Smart Pulse, patient database, CW, PW, traditional and fractional scanning modes available. PSD technology with selectable pulse shape (SP, DP, UP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner with RF feature, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, multimedia built-in training videos, huge patient database with videos and photos. User protocol storage. Optional diode laser module. PSD technology with selectable pulse shape (SP, DP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner with RF feature, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, multimedia built-in training videos, huge patient database with videos and photos. User protocol storage. Optional diode laser module. Multidisciplinary. PSD technology with selectable pulse shape (SP, DP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, huge patient database. User protocol storage. Multidisciplinary. Five different application-specific handpieces. Top hat technology and Auto Spot Size Recognition System; contact cooling or optional external cooling connections; delivery pulse settings available; patient database and protocols. IPL: five optional filters, 30,000 shots guaranteed. No disposables. Alex emission: 5 Hz and high power (125 W) system. Nd:YAG laser module: 180 W with up to 27,000 W pulse peak power; three delivery pulse designs and adjustment feature for Alexandrite and Nd:YAG. Twelve application handpieces up to 24 mm. Auto Spot Size Recognition System. Top hat technology; contact cooling or optional external cooling connections; patient database and protocols; IPL: five filters (optional) with enhanced vascular capabilities; 500 G. No disposables. Transportable device, integrated Peltier skin contact cooling. Up to 20 mm spot area with up to 10 Hz rep. rate available on both Nd:YAG and Alex wavelengths. Proprietary new Movèo technology functionality for painless and smokeless hair removal. Additional standard handpiece for vascular, skin rejuvenation and other dermatology indications. Flexible multifunctional platform; several handpieces with integrated peltier skin contact cooling and TEMP selection. 6.2 cm ² spot at 3 Hz max rep. rate; short/medium/long pulse modes. Transportable device, integrated Peltier skin contact cooling; hair removal, pigmented and vascular lesion treatments applied through either proprietary new Movèo Technology functionality for total painless and smokeless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate on both Nd:YAG and Alexandrite wavelengths. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off. Two wavelengths sequentially used with different patterns. PSD technology with selectable pulse shape (SP-DP-HP-PW-CW, traditional & fractional scanning modes available), DOT/RF scanner, free hand, TFT touch screen monitor, Stack and Smart track delivery mode. Storing user's protocols. Multidisciplinary.
SmartXide ²	Fractional CO ₂	10.6 µm	80 W max	100 – 2000 µs	Contact mfr.	
SmartXide Touch	Fractional CO ₂	10.6 µm	60 W max	100 – 2000 µs	Contact mfr.	
SmartXide Tetra	Fractional CO ₂	10.6 µm	50 W max	100 – 2000 µs	Contact mfr.	
Synchro FT	Multi-Functional Platform	1064 nm Nd:YAG / IPL: 500 nm, 520 nm, 550 nm; 600 nm; 650 nm	700 J/cm ² (max) SP and LP / 160 J (max) energy per pulse	From 0.8 – 10 ms SP; from 2 – 30 ms LP (1-3 pulses) / From 3 – 8 ms	Contact mfr.	
Synchro REPLA:Y	Multi-Functional Platform	755 nm Alexandrite / 1064 nm Nd:YAG / IPL: 500 nm, 520 nm, 550 nm; 600 nm; 650 nm	63.5 J (max) – 125 W (max) / LP: 120 J – 180 W (max); SP: 120 J (max) / 160 J (max) energy per pulse	From 2 – 50 ms (single pulse); from 2 – 40 ms (double pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode / From 3 – 8 ms	Contact mfr.	
Motus AY	High Frequency Alexandrite / Nd:YAG Laser	755 nm / 1064 nm	Up to 30 J / up to 60 J	From 2 – 50 ms (single pulse); from 4 – 80 ms (Twin pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode	Contact mfr.	
LUXEA	Multifunctional Platform	Lazur	6.2 cm ² integrated 420 – 950 nm filter	8 ms; 30 ms; 50 ms	Contact mfr.	
Motus AZ+	High Power and Frequency Alexandrite & Nd:YAG Laser	755 nm Alexandrite; 1064 nm Nd:YAG	Up to 31 J (62W); Up to 63 J (94W)	Single mode pulse length 2 – 50 ms, Burst Pulse length 4 – 80 ms, Total burst length 14 – 300 ms; 1 – 10 Hz rep. rate.	Contact mfr.	
HELIX	Fractional CO ₂ / 1570 nm	10.6 µm / 157 nm	70 W max	10600 nm: 0.4 ms - 4 ms 1570 nm: 0.4 ms - 12 ms	Contact mfr.	
Fotona						
SP Dynamis	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	0.1 – 50 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. S-11: Nd:YAG scanner: 42 cm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes; Nd:YAG handpieces: 2 - 20 mm spot sizes.
XS Dynamis	Er:YAG	2940 nm	Up to 500 J/cm ²	0.1 – 1.5 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes.
QX MAX	Nd:YAG Q-Switched / Long Pulse	1064 nm, 532 nm, 585 nm, 650 nm	Up to 160 J/cm ²	5 – 20 ns, 250 µs	Contact mfr.	Handpieces: 2 - 8 mm spot sizes.
SP Spectro	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	Accelerated Pulse N/A	Contact mfr.	F-Runner fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. S-11 Nd:YAG scanner: 42 cm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes; Nd:YAG handpieces: 2 - 20 mm spot sizes.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Acne Tx Device Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Fotona (Continued)						
XP Spectro	Nd:YAG / Long Pulse	1064 nm	Up to 600 J/cm²	0.1 – 50 ms	Contact mfr.	S-11 Nd:YAG scanner: 42 cm² Tx area. Nd:YAG handpieces: 2 - 20 mm spot sizes. F-Runner fractional Er:YAG scanner: 250 µm spot size, 168 mm² Tx area. S-Runner Er:YAG scanner: 4 mm spot size, 16 cm² Tx area. S-11 Nd:YAG scanner: 42 cm² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes; Nd:YAG handpieces: 2 - 20 mm spot sizes. S-11 Nd:YAG scanner: 42 cm² Tx area. Nd:YAG handpieces: 2 - 20 mm spot sizes.
XP Dynamis	Nd:YAG / Long Pulse	1064 nm	Up to 600 J/cm²	0.1 – 50 ms	Contact mfr	
StarWalker MaQX	Nd:YAG Q-Switch Pico / Nano	523 nm, 585 nm, 650 nm, 1064 nm	Up to 300 J/cm²	580 ps, 0.6 – 50 ms, 5 ns / Hybrid Pico in Nano, Fractional	Contact mfr.	
Lutronic Aesthetics						
Clarity II	Alexandrite and Nd:YAG laser	755 / 1064 nm	Up to 600 J/cm²	0.1 - 300 ms	Contact mfr.	Digitally-based 755 / 1064 nm platform that enables 2X faster treatment coverage speed. Standard spots of 2 - 24 mm are included with single fiber, and advanced handpiece with cryogen cooling to help facilitate the treatment of common vascular lesions. Digitally-based Nd:YAG platform that includes cryogen cooling with 532 nm and exclusive multi-pulse applications to effectively treat all vascular and pigmented lesions. Standard spots of 2 - 16 mm are included with single fiber, advanced handpiece, IntelliTrak and Temperature Sensing. Customizable fractional CO₂ treatments with advanced capabilities to safely deliver laser resurfacing to lighten and brighten patient complexions, including the reduced appearance of acne scars. Proven short-pulse platform for reducing unwanted pigment and stimulating collagen with low downtime. HyperSurge, IntelliBeam and MDF Microbeam technologies included as standard for complete lightening and brightening treatment benefits. Exclusive Hollywood Laser Peel and AcnePeel treatments.
DermaV	Nd:YAG laser	1064 / 532 nm	Up to 600 J/cm²	0.1 - 300 ms	Contact mfr.	
eCO₂ Plus	CO₂ Fractional Laser	10600 nm	Up to 240 mJ	40 - 1,000 us; 1-5 ms	Contact mfr.	
Hollywood Spectra	Nd:YAG Nano-Acoustic Laser	1064 / 532 nm Optional Dye HPs: 585 / 650 nm	Up to 1.4 J	5 ns and 0.3 ms	Contact mfr.	
NewSurg						
DermaLight KTP Laser	KTP Laser	532 nm	Up to 5 W	Infinite	Contact mfr.	MultiSpot handpiece

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.



Pure Plasma Skin Rejuvenation

Pure Plasma Skin Rejuvenation is a safe, FDA-approved Medical Class 2 device with 95% customer satisfaction and 85% clinic profit rates. This non-invasive treatment uses advanced technology to stimulate collagen production and improve skin texture and tone. It is suitable for all skin types, with customizable energy options to meet every patient's unique expectation without damaging tissues. It even treats delicate areas like the upper and lower eyelids without ocular guards.

Pure Plasma - Revolution Medical:
(877) 535-7873 or visit www.pureplasma.com



FF3 Biointensive GF

Vivant's FF3 Biointensive GF uses GFP complex to promote neocollagenesis, organize collagen fibers and regulate cell turnover leaving estrogen depleted skin feeling plumper. GFP complex is the novel joining of vitamin A and growth factor technology with select amino acids and alpha hydroxy acids to repair the skin's support matrix at a cellular level.

Vivant Skin Care: (800) 984-8268 or visit www.vivantskincare.com

Product Profiles

ClearLase Pico & ReViva

ClearLase Pico uses the latest technology dual wavelengths, for safe and effective tattoo removal, pigmented lesion destruction and skin rejuvenation with minimal heat, suitable for various skin types and melasma treatment. The ReViva fractional CO₂ offers both ablative and non-ablative resurfacing for skin rejuvenation, catering to various skin types. Surgical handpieces allow for lesion ablation and cutting, making it a versatile all-in-one device.



ZianMed: (727) 827-8090 or visit www.zianmed.com

Hair Removal Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Aesthetic Management Partners						
Alpha Pro	Laser diode 808 nm and IPL	808 nm	45 J / cm ²	10 - 400 msec	Contact mfr.	N/A
Cutera						
xeo + prowave	Laser / IPL	1064 nm / 680 – 1100 nm	300 J/cm ² / ≤30 J/cm ²	Up to 300 ms / Automatic	Contact mfr.	No per treatment consumables. All accessories included.
excel HR	Laser	755 nm, 1064 nm	Up to 300 J/cm ²	Up to 300 ms	Contact mfr.	No per treatment consumables. All accessories included.
excel V+	Laser	532 nm, 1064 nm	Up to 300 J/cm ²	Up to 60 ms	Contact mfr.	1 mm and 2 mm Dermastat pens.
Cynosure						
Elite iQ	Laser Platform	755 nm; 1064 nm	5 – 600 J/cm ² 100 J/cm ² (Small Sapphire Optic) and 20 J/cm ² (Large Sapphire Optic)	Adjustable 0.4 – 300 ms	Contact mfr.	2.5 mm – 24 mm spot size handpieces.
Vectus	Diode	810 nm		5 – 300 ms	Contact mfr.	
Apogee+	Alexandrite Laser	755 nm	7 – 50 J/cm ²	Adjustable 0.4 – 300 ms	Contact mfr.	
DEKA						
MiniSilk FT	Pulsed Light System	500 nm, 520 nm, 550 nm; 600 nm; 650 nm Filter	2 – 2.5 J/cm ²	3 – 8 ms (1-3 pulses)	Contact mfr.	Interchangeable snap-on filters; integrated skin contact cooling; lamp water cooling; transportable. 3.1 cm ² or 6.2 cm ² spot area available. IR filter available for increased skin tightening.
Synchro REPLA:Y	Multi-Functional Platform	755 nm Alexandrite / 1064 nm Nd:YAG / IPL: 500 nm; 520 nm; 550 nm; 600 nm; 650 nm	63.5 J (max) – 125 W (max) / LP: 120 J – 180 W (max); SP: 120 J (max) / 160 J (max) energy per pulse	From 2 – 50 ms (single pulse); from 2 – 40 ms (double pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode / From 3 – 8 ms	Contact mfr.	Alex emission: 5 Hz and high power (125 W) system. Nd:YAG laser module: 180 W with up to 27,000 W pulse peak power; three delivery pulse designs and adjustment feature for Alexandrite and Nd:YAG. Twelve application handpieces up to 24 mm. Auto Spot Size Recognition System. Top hat technology; contact cooling or optional external cooling connections; patient database and protocols; IPL: five filters (optional) with enhanced vascular capabilities; 500 G. No disposables.
Synchro FT	Multi-Functional Platform	1064 nm Nd:YAG / IPL: 500 nm, 520 nm, 550 nm; 600 nm; 650 nm	700 J/cm ² (max) SP and LP / 160 J (max) energy per pulse	From 0.8 – 10 ms SP; from 2 – 30 ms LP (1-3 pulses) / From 3 – 8 ms	\$55,990	Five application-specific handpieces. Top hat technology and Auto Spot Size Recognition System; contact cooling or optional external cooling connections; delivery pulse settings available; patient database and protocols. IPL: five optional filters, 30,000 shots guaranteed. No disposables.
Motus AX	High Frequency Alexandrite Laser	755 nm	Up to 30 J	From 2 – 50 ms (single pulse); from 4 – 80 ms (Twin pulse)	Contact mfr.	Transportable device, integrated Peltier skin contact cooling, 20 mm spot area available with up to 10 Hz rep. rate. Proprietary new Movèo technology functionality for painless and smokeless hair removal.
Motus AY	High Frequency Alexandrite / Nd:YAG Laser	755 nm / 1064 nm	Up to 30 J / up to 60 J	From 2 – 50 ms (single pulse); from 4 – 80 ms (Twin pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode	Contact mfr.	Transportable device, integrated Peltier skin contact cooling. Up to 20 mm spot area with up to 10 Hz rep. rate on both Nd:YAG and Alex wavelengths. Proprietary new Movèo technology functionality for painless and smokeless hair removal. Additional standard handpiece for vascular, skin rejuvenation and other dermatology indications.
LUXEA	Multifunctional Platform	Lilac; Ruber; Sparks; Vivid	6.2 cm ² interchangeable filters: 550 nm, 600 nm and 650 – 1200 nm. 8.3 cm ² integrated 550 – 1200 nm filter. 1064 nm Nd:YAG Laser: 2.5 mm/ 4 mm/6 mm/10 mm spot sizes. 808 nm Diode Laser: 10x13 mm spot size.	Single pulse: from 3 – 50 ms; from 8 – 50 ms; 6 – 30 ms; 15 – 200 ms.	Contact mfr.	Flexible multifunctional platform; several handpieces with integrated peltier skin contact cooling. Different filter solutions for different hair removal needs (shot by shot, IPL, laser, etc.). Up to 10 Hz rep rate available on laser wavelengths. Additional standard handpiece for other applications like vascular, skin rejuvenation and other dermatology indications. Contact cooling and delivery pulse settings available; up to 120,000 shots guaranteed IPL. No disposables.
Motus AZ+	High Power and Frequency Alexandrite & Nd:YAG Laser	755 nm Alexandrite; 1064 nm Nd:YAG	Up to 31 J (62W); Up to 63 J (94W)	Single mode pulse length 2 – 50 ms, Burst Pulse length 4 – 80 ms, Total burst length 14 – 300 ms; 1 – 10 Hz rep. rate.	Contact mfr.	Transportable device, integrated Peltier skin contact cooling; hair removal, pigmented and vascular lesion treatments applied through either proprietary new Movèo Technology functionality for total painless and smokeless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate on both Nd:YAG and Alexandrite wavelengths. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Hair Removal Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
DEKA (Continued)						
Motus AZ	High Power and Frequency Alexandrite Laser	755 nm	Up to 31 J (62W)	Single mode pulse length 2 – 50 ms, Burst Pulse length 4 – 80 ms, Total burst length 14 – 300 ms; 1 – 10 Hz rep. rate.	Contact mfr.	Transportable device, integrated Peltier skin contact cooling; hair removal and pigmented lesion treatments applied through either proprietary new Mòvèo Technology functionality for total painless and smokless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off.
Fotona						
SP Dynamis	Nd:YAG / Er:YAG	1064 nm	Up to 600 J/cm ²	0.1 – 1.6 ms	Contact mfr.	S-11: Nd:YAG scanner: 42 cm ² Tx area. Nd:YAG handpieces: 2 – 20 mm spot sizes.
XP MAX	Nd:YAG	1064 nm	Up to 600 J/cm ²	0.1 – 1.6 ms	Contact mfr.	Same as above.
QX MAX	Nd:YAG Q-Switched / Long Pulse	1064 nm, 532 nm, 585 nm, 650 nm	Up to 160 J/cm ²	250 µs	Contact mfr.	Handpieces: 2 – 8 mm spot sizes.
StarWalker MaQX	Nd:YAG Q-Switch Pico / Nano	523 nm, 585 nm, 650 nm, 1064 nm	Up to 300 J/cm ²	580 ps, 0.6 – 50 ms, 5 ns / Hybrid Pico in Nano, Fractional	Contact mfr.	R28, R29, R58, R585, R650, FS20, FS20A, FS20B, FS50, up to 20 mm spot size.
TimeWalker	Nd:YAG	1064 nm	5 – 75 J/cm ²	0.6 – 2 ms	Contact mfr.	R33T and R30Y.
Lasering USA						
Velure S800	HP Diode	808 nm	10 – 600 J/cm ²	10 – 1000 ms	Contact mfr.	8 mm and 12 mm spot size handpieces.
Lutronic Aesthetics						
Clarity II	Alexandrite and Nd:YAG laser	755 / 1064 nm	Up to 600 J/cm ²	0.1 - 300 ms	Contact mfr.	Digitally-based 755 / 1064 nm platform that enables 2X faster treatment coverage speed. Standard spots of 2 - 24 mm are included with single fiber, and advanced handpiece with cryogen cooling to help facilitate the treatment of common vascular lesions.
MRP						
Bare 808 Diode Laser	Diode Laser Hair Removal	Gold-standard 808 nm diode	N/A	N/A	Contact mfr.	Square waveform, multi-pulse mode for optimal treatment and safety. 14 mm x 14 mm spot size.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.



DP4 Microneedling Pen

The DP4 microneedling pen from Dp Derm is the an advanced fully digital fractional micro-channeling device. It combines direct drive, bluetooth, dual power and turbo-cut battery systems to provide the fastest and most efficient microneedling treatment possible. FDA cleared for treating facial acne scars, it features a dedicated scar treatment (ST) setting, as well as RFID chip integration to allow for continuous needle calibration for precise, reliable and drag-free needle penetration.

Dp Derm: (305) 552-0550 or visit www.dpderm.com



Product Profiles

The ELEVAI E-Series

The ELEVAI E-Series™ products, empower and infinity, were developed to provide both post-procedure skin support and ongoing daily aftercare. Both products contain exosomes; ultra-small, nanoparticle compartments packed with targeted growth factors known to support skin health. The patent-pending ELEVAI Exosome Technology™ is the powerhouse ingredient in this post-procedure series and mimics the elegant repair process of nature along with a selection of high-quality actives to provide regenerative skin health for any skin type.

ELEVAI Labs: www.elevaiskincare.com

Plexr

Plexr is an advanced non-invasive device that uses plasma innovation to provide state-of-the-art treatments and satisfactory clinical results. Plexr Plus offers a comprehensive range of modalities, including non-ablative, semi-ablative and ablative, enabling you to choose the modality that best matches the skin's characteristics and needs.

Med Results: (310) 707-3223 or visit www.med-results.com



Vascular Technology Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Advalight						
ADVATx	Diode	589 nm / 1319 nm	Up to 40 J/cm ²	Variable	Contact mfr.	Included scanner handpiece and optional foot pedal.
Aesthetic Management Partners						
Alpha Pro	IPL & 808 nm diode	530 – 1000 nm	45 J/cm ²	Adjustable 5 – 50 msec	Contact mfr.	N/A
BENEV Company, Inc.						
Sylfirm X	Emerging Dual Wave RF Microneedling System	N/A	N/A	Pulse Wave Mode: 30 msec - 60 msec; Continuous Wave Mode: 120 msec - 300 msec	MSRP \$149,000	Sylfirm X Standard and XE Tip
SmartLux Mini	SLD Phototherapy Device	Blue (415 – 425 nm), Red (630 – 640 nm), Infrared (820 – 830 nm)	75 W/cm ³ ~ 90 W/cm ³	N/A	MSRP \$13,000	N/A
Cutera						
xeo	Laser / Limelight	1064 nm / 520 – 1100 nm	300 J/cm ² / <30 J/cm ²	Up to 300 ms / Automatic	Contact mfr.	No per treatment consumables. All accessories included.
excel V+	Nd:YAG Laser	585 nm / 1064 nm	Up to 300 J/cm ²	Up to 60 ms	Contact mfr.	Dermastat 1 mm and 2 mm pens.
DEKA						
Synchro FT	Multifunctional Platform	1064 nm Nd:YAG / IPL: 500 nm, 520 nm, 550 nm; 600 nm; 650 nm	700 J/cm ² (max) SP and LP / 160 J (max) energy per pulse	From 0.8 – 10 ms SP; from 2 – 30 ms LP (1-3 pulses) / From 3 – 8 ms	Contact mfr.	Five different application-specific handpieces. Top hat technology and Auto Spot Size Recognition System; contact cooling or optional external cooling connections; delivery pulse settings available; patient database and protocols. IPL: five optional filters, 30,000 shots guaranteed. No disposables.
MiniSilk FT	Pulsed Light System	500 nm, 520 nm, 550 nm; 600 nm; 650 nm Filter	2 – 2.5 J/cm ²	2 – 85 ms (1-3 pulses)	Contact mfr.	Interchangeable snap-on filters; integrated skin contact cooling; lamp water cooling; transportable. 31 cm ² or 6.2 cm ² spot area available. IR filter available for increased skin tightening.
Synchro REPLA:Y	Multifunctional Platform	755 nm Alexandrite / 1064 nm Nd:YAG / IPL: 500 nm; 520 nm; 550 nm; 600 nm; 650 nm	63.5 J (max) – 125 W (max) / LP: 120 J – 180 W (max); SP: 120 J (max) / 160 J (max) energy per pulse	From 2 – 50 ms (single pulse); from 2 – 40 ms (double pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode / From 3 – 8 ms	Contact mfr.	Alex emission: 5 Hz and high power (125 W) system. Nd:YAG laser module: 180 W with up to 27,000 W pulse peak power; three delivery pulse design and adjustment feature for Alexandrite and Nd:YAG. Twelve application handpieces up to 24 mm. Auto Spot Size Recognition System. Top hat technology; contact cooling or optional external cooling connections; patient database and protocols; IPL: five optional filters with enhanced vascular capabilities; 500 G. No disposables.
Motus AY	High Frequency Alexandrite / Nd:YAG Laser	755 nm / 1064 nm	Up to 30 J / up to 60 J	From 2 – 50 ms (single pulse); from 4 – 80 ms (Twin pulse) / From 2 – 50 ms SP mode; from 0.2 – 12 ms LP mode	Contact mfr.	Transportable device, integrated Peltier skin contact cooling. 500 nm, 520 nm, 550 nm; 600 nm; 650 nm vascular lesion application via standard optional handpieces. Up to 20 mm spot area available with up to 10 Hz rep. rate on both Nd:YAG and Alex wavelengths. DEKA's proprietary new Movèo technology functionality for painless and smokeless hair removal. Additional standard handpiece for pigmented lesions, skin rejuvenation and other dermatology indications.
LUXEA	Multifunctional Platform	Lilac; Viridis; Sparks	6.2 cm ² interchangeable filters: 550 nm, 600 nm and 650 – 1200 nm. 2.1 cm ² integrated 500 – 677 nm and 854 – 1200 nm (band pass) filter called 500 G. 2x2 mm/3x3 mm spot sizes. 1064nm Nd:YAG Laser; 2.5 mm/ 4 mm/6 mm/10 mm spot sizes.	Single Pulse: from 3 – 50 ms; from 5 – 50 ms; 6 – 30 ms	Contact mfr.	Flexible multifunctional platform; several handpieces with integrated peltier skin contact cooling. Different filter solutions for different vascular lesion treatment needs. Up to 6 Hz rep rate available. Additional standard handpiece for HR, skin rejuvenation and other dermatology indications. Contact cooling and delivery pulse settings available; up to 120,000 shots guaranteed IPL. No disposables.
Motus AZ+	High Power and Frequency Alexandrite & Nd:YAG Laser	755 nm Alexandrite; 1064 nm Nd:YAG	Up to 31 J (62W); Up to 63 J (94W)	Single mode pulse length 2 – 50 ms, Burst Pulse length 4 – 80 ms, Total burst length 14 – 300 ms; 1 – 10 Hz rep. rate.	Contact mfr.	Transportable device, integrated Peltier skin contact cooling; hair removal, pigmented and vascular lesion treatments applied through either proprietary new Movèo Technology functionality for total painless and smokeless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate on both Nd:YAG and Alexandrite wavelengths. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off.
Fotona						
SP Dynamis	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	0.1 – 50 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. S-1t: Nd:YAG scanner: 42 cm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes; Nd:YAG handpieces: 2 - 20 mm spot sizes.
XP-2 Focus XP MAX	Nd:YAG Nd:YAG	1064 nm 1064 nm	Up to 300 J/cm ² Up to 600 J/cm ²	0.1 – 50 ms 0.1 – 300 ms	Contact mfr. Contact mfr.	Nd:YAG handpieces: 2 - 10 mm spot sizes. S-1t: Nd:YAG scanner: 42 cm ² Tx area. Nd:YAG handpieces: 2 - 20 mm spot sizes.
QX MAX	Nd:YAG Q-Switched / Long Pulse	1064 nm, 532 nm, 585 nm, 650 nm	Up to 160 J/cm ²	5 – 20 ns, 250 µs	Contact mfr.	Handpieces: 2 - 8 mm spot sizes.
SP Spectro	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	N/A	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. S-1t: Nd:YAG scanner: 42 cm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes; Nd:YAG handpieces: 2 - 20 mm spot sizes.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Vascular Technology Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Fotona (Continued)						
XP Spectro	Nd:YAG / Long Pulse	1064 nm	Up to 600 J/cm ²	0.1 – 50 ms	Contact mfr.	S-11 Nd:YAG scanner: 42 cm ² Tx area. Nd:YAG handpieces: 2 - 20 mm spot sizes.
XS Dynamis	Er:YAG	2940 nm	Up to 500 J/cm ²	0.1 – 1.5 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. S-Runner, Er:YAG scanner: 4 mm spot size, 16 cm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes.
XP Focus	Nd:YAG / Long Pulse	1064 nm	Up to 600 J/cm ²	0.1 – 50 ms	Contact mfr.	Standard handpiece: R31/R32 with 2 - 8 mm spot sizes; Nd:YAG handpieces: 2 - 20 mm spot sizes.
StarWalker MaQX	Nd:YAG Q-Switch Pico / Nano	523 nm, 585 nm, 650 nm, 1064 nm	Up to 300 J/cm ²	580 ps, 0.6 – 50 ms, 5 ns / Hybrid Pico in Nano, Fractional 7 – 25 ms	Contact mfr.	R28, R29, R58, R585, R650, FS20, FS20A, FS20B, FS50, up to 20 mm spot size.
TimeWalker	Nd:YAG	1064 nm	6 – 150 J/cm ²		Contact mfr.	R33T.
Lasering USA						
Velure S5 MiXto VX	LBO Diode	532 nm	0.1 – 5 W	10 – 1,000 ms	\$29,500	MiXto VX fractional scanner for non-ablative skin rejuvenation. Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.0 mm, 1.5 mm. No disposables.
Velure S5	LBO Diode	532 nm	0.1 – 5 W	10 – 1,000 ms	\$21,500	Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.0 mm, 1.5 mm. No disposables.
Velure S800	HP Diode	808 nm	10 – 600 J/cm ²	10 – 1,000 ms	\$32,500	2.5 mm spot size handpiece.
Lutronic Aesthetics						
Clarity II	Alexandrite and Nd:YAG laser	755 / 1064 nm	up to 600 J/cm ²	0.1 - 300 ms	Contact mfr.	Digitally-based 755 / 1064 nm platform that enables 2X faster treatment coverage speed. Standard spots of 2 - 24 mm are included with single fiber, and advanced handpiece with cryogen cooling to help facilitate the treatment of common vascular lesions.
DermaV	Nd:YAG laser	1064 / 532 nm	up to 600 J/cm ²	0.1 - 300 ms	Contact mfr.	Digitally-based Nd:YAG platform that includes cryogen cooling with 532 nm and exclusive multi-pulse applications to effectively treat all vascular and pigmented lesions. Standard spots of 2 - 16 mm are included with single fiber, advanced handpiece, IntelliTrak and Temperature Sensing.
NewSurg						
DermaLight KTP Laser	KTP Laser	532 nm	Up to 5 W	Infinite	Contact mfr.	MultiSpot handpiece
Photonica USA						
UltraSlim	Medical electrical equipment	635 nm +/- 2 nm	50.4 or 126 J/cm ² at 8 or 20 minutes.	N/A	Contact mfr.	N/A

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.



Scarlet SRF

Scarlet SRF is the safe treatment in the field of RF systems, with absolutely no downtime and no side effects. It targets virtually any skin tissues. Patient can have everyday life immediately after treatment. there is no bleeding or sensitivity as experienced with other microneedling treatments. It is guaranteed safe and is CE & FDA approved.

AMP Aesthetic Management Partners:
(877) 267-2670 or visit
www.aestheticmanagementpartners.com



Brijit

Backed by high level RCT evidence showing statistically significant improvement in scar size and wound dehiscence, the Brijit force modulating tissue bridge is a unique, non-invasive device that reduces tension when used for closing and supporting wounds. When Brijit use is extended into the post-operative healing phase, the continued tension offloading can improve final scar appearance so wounds can 'Heal Beautifully'.

Brijit Medical: (877) 274-5548 or visit www.brijitmedical.com

EON+

EON+ is distributed by Monarch Aesthetic Services. EON+ is the next evolution in robotic, touchless body contouring. FDA cleared for fat reduction applications in the abdomen, flanks, arms and back, EON+ blends the Silicon Valley robotic arm technology with cutting-edge 1064 nm laser energy to induce apoptosis that is both effective and comfortable for the patient. Touchless, elegant and intuitive technology that has changed body contouring procedures forever.

Monarch Aesthetic Services: (866) 559-5570 or
visit www.monarchaestheticservices.com



Microneedling Devices Comparison Chart

Supplier	Product	Technology	Applications	Price
Aesthetic Management Partners	Scarlet SRF	Radiofrequency microneedling system	Next-generation short-pulse radiofrequency (SRF) treatment with microneedling that targets virtually any skin issue. It is also one of the safest treatments in the field with minimal to no downtime. Visible results are as little as one treatment away and often immediately apparent.	Contact mfr.
	Agnes RF (Distributor of Agnes)	Monopolar radiofrequency microneedling	Single and 3 needle radiofrequency device for contouring	Contact mfr.
Agnes Medical	Agnes	Monopolar Square Wave RF Microneedling	Partially insulated single or three-pin needles; ranging between 0.8 mm - 5.0 mm, depending on which needle is being utilized and the target depth. Rounded cannula needle electrode, 40 mm length with five different types, 18 - 23G. Precision RF for nonsurgical facial sculpting, skin laxity and focal adiposity.	Contact mfr.
Air-Tite Aesthetics	CuraCator	Sterile topical product applicator	New standard of care for hands-free, needle-free, controlled application of products such as PRP and exosomes to skin or other tissue. Recommended for use with Luer Lock Syringes.	\$240 per box of 20 applicators
BENEV Company, Inc.	Sylfirm X	Pulsed Wave and Continuous Wave RF microneedling device with 300 micron depth.	Pulsed Wave mode for skin complexion treatment creates a soft coagulation selectively in the basal layer and upper dermis. Continuous Wave mode for skin revitalization creates wide, independent coagulation around each electrode. 300 Micro Depth for optimal skin revitalizing depth is the only treatment that has the capability of treating epidermis, basement membrane and papillary dermis skin layer at the same time. Non insulated electrodes give minimal downtime with no noticeable thermal damage found in epidermis.	MSRP \$149,000
Candela	Profound	Bipolar RF Microneedling	Jawline, submental area, wrinkles and cellulite.	Contact mfr.
	Profound Matrix, Matrix Pro Applicator	Short-Pulse RF Microneedling	Dermatologic and general surgical procedures for electrocoagulation and hemostasis	Contact mfr.
	Exceed	Microneedling	Facial wrinkles and acne scar reduction	Contact mfr.
CosmoFrance, Inc.	CosmoPen Bundle	Microneedling	Acne, surgical scars (including keloids), wrinkles, stretch marks, pore size, hair growth and signs of aging.	Contact mfr.
Crown Aesthetics	Eclipse MicroPen Elite	Microneedling	Improved appearance of fine lines, scars and texture.	Contact mfr.
	Eclipse MicroPen EVO	Microneedling; 14 32G stainless steel needles; 7000 RPM (+/-10%); fluid-resistant turbo safety cartridge; Teflon gear seal	Wrinkles of the neck and facial acne scars for patients aged 22 and up. Clinically demonstrated, FDA-cleared microneedling device.	Contact mfr.
	SkinPen Precision	Mechanical Microneedling; FDA-Cleared; Single-Use Cartridge Unit; 14 32-Gauge Needles; Ergonomic Design; Cordless All-Day Charge	Wrinkles of the neck and facial acne scars for patients aged 22 and up. Clinically demonstrated, FDA-cleared microneedling device.	Contact mfr.
Cutera	Secret RF	Bipolar RF Microneedling	Address the signs of aging, scars, large pores, stretch marks, skin quality, appearance, brightness and texture through coagulation and hemostasis using gold-plated, semi-insulated and non-insulated microneedles in 25- or 64-pin arrangements.	Contact mfr.
	Secret PRO	Fractional CO ₂ / Bipolar RF Microneedling	Fractional CO ₂ laser technology for optimal skin resurfacing. RF microneedling for deep dermal remodeling through hemostasis and coagulation to effectively treat the full thickness of the skin.	Contact mfr.
	Secret DUO	N/A	RF microneedling with precise, controlled radiofrequency energy at adjustable depths to target common skin concerns on the face and body. 1540 nm wavelength offers a gentler approach to skin resurfacing, delivering dermal thermal heating in multiple micro-columns without any damage to the skin surface, patients of all skin types can safely achieve meaningful improvement in their skin concerns with little to no downtime.	Contact mfr.
Cynosure	Potenza	RF Microneedling Platform	Multi-needle (16, 25, 49) and single-needle electrode tips.	Contact mfr.
DermapenWorld	Dermapen 4 Dermapen Inject Dermapen Infuse with Tattoff Dermapen Cryo	Microneedling, Carboxy Therapy, Automated Meso Infusion, Cyro N2O Therapy	Acne, striae and surgical scarring, anti-aging and skin rejuvenation, pigmentation treatment, hair rejuvenation, lesions, cellulite, meso-injections and tattoo removal.	Contact mfr.
Emage Medical	CytoPen	German motor, battery and electric, up to 2.5 mm, disposable cartridges secure with lure lock, 16 33-gauge surgical stainless-steel needles, adjustable speed up to 9600 rpm.	Use with StemFacial growth factor solution and after care serums for best results.	Contact mfr.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Microneedling Devices Comparison Chart

Supplier	Product	Technology	Applications	Price
ENDYMED Medical	Intensif RF Microneedling	RF Microneedling using Fractionated Pulse Mode (FPM)	Dermal collagen remodeling, skin rejuvenation, deep wrinkle reduction, acne and traumatic scar reduction, stretch mark reduction. FDA and CE cleared, Health Canada approved.	Contact mfr.
Esthetic Medical, Inc.	SkinStylus SteriLock	Microneedling	Abdominal scars in ages 22 and above. Skin rejuvenation.	Device: \$3,995 - \$4,995. Consumables under \$40.
HIRONIC Co., Ltd.	SILKRO	RF microneedling	Skin rejuvenation, collagen remodeling, acne scars and wrinkles treatment.	Contact mfr.
Lutronic	Genius	High Intensity Radiofrequency	Proprietary needle design and high-torque motor ensures consistently accurate penetration to desired depth. Unique impedance measurement and feedback ensures optimal levels of energy are delivered to stimulate production of collagen and elastin to improve the appearance of wrinkles, laxity, and acne scars.	Contact mfr.
mesoesthetic	m.pen[pro]	Microneedling	Anti-aging, skin rejuvenation, hair loss treatments, anti-stretch marks, double chin and depigmentation.	Contact mfr.
MRP	Intracel PRO RF Microneedling	Monopolar/Bipolar RF Microneedle	Skin rejuvenation and tightening	Contact mfr.
Refine USA, LLC	Rejuvapen NXT	Microneedling	FDA cleared for fine lines and wrinkles.	\$2,995
Rohrer Aesthetics, Inc.	PIXel8-RF	Fractional RF Microneedling	With a single treatment skin will become smoother, tighter and more vital.	\$54,995
SHENB Co., Ltd.	VirtueRF	Four key technologies: Advanced cooling system (ACS), integrated pulsed radiofrequency system (IPRS), integrated energy control system (IECS) and minimum depth control system with three types of handpieces (Smart RF, Deep RF and Exact RF) in one platform.	N/A	Contact mfr.
	VIVACE (VYBE RF)	Versatile treatment options of radiofrequency energy output (1MHz, 2MHz) with 36 gold-coated needles TIP and two different LED modes during treatment.	N/A	Contact mfr.

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UltraSlim

The key to optimization of UltraSlim® lies in wavelength, dosage and proprietary modulation. Using our patented implementation of all three, UltraSlim is able to provide unparalleled transformations of the face, neck and body, without the need for invasive procedures.

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BIOJUVE

BIOJUVE™ is a living microbe technology for skin biome care. The Xyprobe™ technology within BIOJUVE contains a specific strain of a skin native bacteria, *C. acnes defensens*. These microbes live on the skin surface and deep within the hair follicles and naturally produce important Bioessentials™ 24/7 to help optimize skin health and rebalance the skin biome. Bioessentials are proteins, fatty acids, polypeptides and antioxidants that help to support a healthy skin environment, fight oxidative stressors, promote proper skin hydration, calm the skin, decrease the appearance of erythema and help to balance sebum production. BIOJUVE is clinically proven to create significant improvements in the appearance of texture, tone, pore size, fine lines, wrinkles and photodamage in as little as one week*.



Crown Aesthetics: (888) 372-3982 or visit www.crownaesthetics.com

Product Profiles



truBody

Take your patients beyond their best with truBody. truBody combines two award-winning body sculpting technologies with 15-minute treatment options to shape, tone and define. Deliver a customized, convenient and complete solution that addresses today's most in-demand treatments - fat reduction with truSculpt and muscle toning with truFlex.

Cutera: (415) 657-5000 or visit www.yourtrubody.com

Emerging Aesthetic Technologies Comparison Chart

Supplier	Product	Technology	Applications	Price
Acclaro Medical	UltraClear MID IR Cold Fiber Laser	MID IR Cold Fiber Laser (2910 nm)	Offers multiple modalities for total skin rejuvenation including 3DMirac! for lunchtime treatments, fractional resurfacing modes for heavy photodamage and scars treatments, as well as advanced Laser-Coring for deep collagen remodeling. Improves the negative effects of sun exposure, pollutants and gravity by correcting skin quality and the visible signs of aging, including wrinkles, spots, scars and acne scars, dull skin tone and rough skin texture, along with uneven skin color and slack contours.	Contact mfr.
Aesthetic Management Partners	AquaFirme XS EXOIE Skin Revitalizing Complex DEIRIVE Hair and Scalp Hair Serum	Hydrating facial micro Plant based secretory factors Plant based secretory factors	Micro cupping, vibrating massage and ultrasound Pre and post procedure skincare routing Daily application on scalp and hair to improve the appearance of fuller thicker hair	Contact mfr. Contact mfr. Contact mfr.
Agnes Medical	Agnes	Monopolar square wave RF microneedling	Partially insulated single or three-pin needles; ranging between 0.8 mm - 5.0 mm, depending on which needle is being utilized and the target depth. Rounded cannula needle electrode, 40 mm length with five different types, 18 - 23G. Precision RF for nonsurgical facial sculpting, skin laxity and focal adiposity.	Contact mfr.
AMA Meditime	Curestem Premium Cell Healer C20 + Skin Relaxer	OPTI-3M SYSTEM	Created with proprietary technology, OPTI-3M SYSTEM containing explosive growth energy of cell regeneration and immunity control.	Contact mfr.
BENEV Company, Inc.	Exosomes Regenerative Complex	Stem cell derived lyophilized exosomes with potent growth factors, peptides, coenzymes, minerals, amino acids and vitamins to rejuvenate and moisturize the skin.	Post treatment and professional use only. A post care "topical" treatment solution.	Starting at \$70/Tx
	Exosomes Regenerative Complex +	Same technology as Exosome Regenerative Complex but more powerful, more potent and faster results to intensively rejuvenate and moisturize the skin and scalp.	Post treatment and professional use only. A post care "topical" treatment solution.	Starting at \$106/Tx
	EXO Balm	Exosome and intensive hydrators to optimize treatment results and reduce inflammation and downtime.	Post treatment and home-care use. A post care "topical" treatment solution.	Starting at \$70/box
Brijit Medical	Brijit	Force modulating tissue bridge	Mastopexy, breast reconstruction, abdominoplasty, brachioplasty, lacerations, scar revisions, mohs surgery, lesion removal, thigh and back lifts, wound breakdown and gender affirming top surgery.	\$235/box
BTL Industries, Inc.	EMSCULPT	HIFEM	Strengthening, firming and toning the abdomen, arms, buttocks, thighs and calves.	Contact mfr.
	EMSELLA EMTONE Emsculpt NEO	HIFEM Combination RF and Targeted Pressure Energy Synchronized RF and HIFEM+	All forms of female and male urinary incontinence. Cellulite. Lipolysis of the abdomen and thighs as well as strengthening, firming and toning of the abdomen, buttocks, thighs, calves and arms. For skin types I - VI.	Contact mfr. Contact mfr. Contact mfr.
Cutera	AviClear truSculpt truFlex excel V+ Secret PRO	1726 nm Laser Monopolar RF Direct Bio-Electrical Muscle Stimulation Nd:YAG Laser Fractional CO ₂ / RF Microneedling	Mild, moderate and severe acne in all skin types. 15-minute RF body sculpting treatment. 15 to 45-minute muscle sculpting treatment. Vascular lesions, pigmentation and Laser Genesis. Fractional CO ₂ laser technology for optimal skin resurfacing. RF microneedling for deep dermal remodeling through hemostasis and coagulation to effectively treat the full thickness of the skin.	Contact mfr. Contact mfr. Contact mfr. Contact mfr. Contact mfr.
	Secret DUO	RF Microneedling + 1540 nm Technology	RF microneedling with precise, controlled radiofrequency energy at adjustable depths to target common skin concerns on the face and body. 1540 nm wavelength offers a gentler approach to skin resurfacing, delivering dermal thermal heating in multiple micro-columns without any damage to the skin surface, patients of all skin types can safely achieve meaningful improvement in their skin concerns with little to no downtime.	Contact mfr.
DEKA	LUXEA	Multifunctional Platform	Flexible multifunctional platform; several handpieces with integrated peltier skin contact cooling. Different filter solutions for permanent hair reduction, treatment of vascular and pigmented lesions, photorejuvenation, vascular lesions, treatment of acne, hair removal (suggested on all skin types), benign pigmented lesions, treatment of tattoos and permanent hair reduction. Up to 10 Hz rep rate available on laser wavelengths. Contact cooling and delivery pulse settings available; up to 120,000 shots guaranteed IPL. No disposables.	Contact mfr.
	PHYSIQ	EMS and TENS device; EMS and TENS Technology 4 Pads with EMS / TENS; electrodes; Variable	EMS mode for the prevention or impedance of disuse atrophy; maintaining or increasing the range of motion, muscle re-education, relaxation of muscle spasms, increasing local blood circulation; immediate post-surgical stimulation of calf muscles to prevent venous thrombosis. In TENS mode PHYSIQ is intended for symptomatic relief and management of chronic, intractable pain, post-surgical acute pain and post-traumatic acute pain.	Contact mfr.
	LIPO AI	1440 nm Nd:YAG Laser	Novel NIR laser assisted liposuction device, based on artificial intelligence algorithm and it is indicated for the surgical incision, excision, vaporization, ablation, and coagulation of soft tissues. Further indicated for laser assisted lipolysis and provides physicians with special views and real time feedback controls (patent pending). AI Algorithm and customized µPulsed Nd:YAG wavelength providing physiological contractions and elimination of the fat with no inflammatory effects. Controlled photo-mechanical effect, photo-coagulative action and photo-stimulative course for immediate skin tightening due to flexible pulse design.	Contact mfr.
	Motus AZ+	High Power and Frequency Alexandrite & Nd:YAG Laser; 755 nm Alexandrite; 1064 nm Nd:YAG	Transportable device, integrated Peltier skin contact cooling; hair removal, pigmented and vascular lesion treatments applied through either proprietary new Moveo Technology functionality for total painless and smokeless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate on both Nd:YAG and Alexandrite wavelengths. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off.	Contact mfr.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Emerging Aesthetic Technologies Comparison Chart

Supplier	Product	Technology	Applications	Price
DEKA (Continued)	Motus AZ	High Power and Frequency Alexandrite Laser; 755 nm	Transportable device, integrated Peltier skin contact cooling; hair removal and pigmented lesion treatments applied through either proprietary new Mòvèo Technology functionality for total painless and smokless handpieces or standard up to 20 mm spot size optional handpieces. Up to 10 Hz rep. rate. 180° wide touch screen, adjustable display for optimal view during sessions, high power 1200 micron fiber connectivity and automatic handpiece recognition with no need to turn machine off.	Contact mfr.
	HELIX	Fractional CO ₂ / 1570 nm technology; 10.6 µm / 157 nm wavelength; 70 W max energy output; 10600 nm: 0.4 ms - 4 ms 1570 nm: 0.4 ms - 12 ms pulse length	Two wavelengths sequentially used with different patterns. PSD technology with selectable pulse shape (SP-DP-HP-PW-CW, traditional & fractional scanning modes available), DOT/RF scanner, free hand, TFT touch screen monitor, Stack and Smart track delivery mode. Storing user's protocols. Multidisciplinary.	Contact mfr.
Dominion Aesthetics	EON+	Robotic body contouring	Fat reduction, FDA cleared for abdomen, flanks, arms and back.	\$229,000
Dp Derm	MG-EXO-SKIN	Exosomes	Utilizing one of the most exciting emerging technologies – exosomes – MG-EXO-SKIN™ is a regenerative, biomimetic and multipotent meso-glide that removes the complications of autologous procedures. Specially designed to be paired with microneedling but can be used post energy based device treatments as well.	Contact mfr.
Fotona	StarWalker MaQX	Q-Switched Pico/Nano (523 nm, 585 nm, 650 nm, 1064 nm)	StarWalker FracTAT Tx creates micro-size holes in skin over the tattoo area prior to the main laser procedure. This pretreatment avoids the 'frosting' effect and allows shorter time between multiple passes, reducing the number of Tx sessions.	Contact mfr.
	TimeWalker	2940 nm Er:YAG / 1064 nm Nd:YAG	Fotona4D non-invasive facelift, SmoothEye, LipLase, vascular, acne, hair removal, fractional and full-field resurfacing, benign lesions and photobiomodulation.	Contact mfr.
Induction Therapies	Collagen P.I.N. Microneedling System	Advanced 36-P.I.N. cartridge design features more needles, arranged radially, for less drag on skin.	FDA cleared as a treatment intended to improve the appearance of facial acne scars in adults with Fitzpatrick Skin Types I - III, aged 22 years and older.	Contact mfr.
iR Technology	invisa-RED Elite 12	Non-invasive pulsed dual-coherent laser	invisa-RED is a non-invasive laser device with FDA, IRB and clinically proven results for fat reduction, weight reduction and aesthetics. Our technology accomplishes scalable weight loss with a precise combination of specific frequencies from both red and infrared laser energy. The combination of dual coherent frequencies enables the laser to penetrate deep into the adipose tissue (subcutaneous fat) generating a significant response in cellular function and stimulation of the body's natural metabolism. invisa-RED technology stimulates cellular respiration, lymphatic function and increase the metabolism through the synthesis of Adenosine Triphosphate (ATP). The activation and efficiency of both the lymphatic system and metabolism are essential to apiece a patient's weight loss goals.	Contact mfr.
Med Results	Act O' Feel	Total fibroblast support to enhance volumizing, lifting, brightening and rejuvenating effect. Contains fragmented hyaluronic acid, amino acids, glutathione and vitamin C.	Post treatment and professional use only. A post care topical treatment sterile vial.	\$8/ml
	Act O' Reverse	Total fibroblast support to enhance volumizing, lifting, brightening and rejuvenating effect. Contains fragmented hyaluronic acid, amino acids, glutathione and vitamin C.	Post treatment and professional use only. A post care topical treatment sterile vial.	Starting at \$20/Tx
	Plexr Plus	Advanced non-invasive device that uses plasma innovation to provide state-of-the-art treatments and satisfactory clinical results. Offers a comprehensive range of modalities, including non-ablative, semi-ablative and ablative, enabling you to choose the modality that best matches the skin's characteristics and needs.	FDA-cleared for the removal and destruction of skin lesions and tissue coagulation. Can be used to remove excess skin from wrinkles, neck, face, eyelids and more.	Contact mfr.
NewSurg	DermaLight KTP Laser	KTP laser. Portable / solid state	Effectively treat vascular and pigmented lesions on all skin types.	Contact mfr.
Photonica USA	UltraSlim	Non-invasive fat reduction device.	A powerful medical red light therapy device. Only FDA-cleared device for immediate fat reduction and skin revitalization. Works with all body types, regardless of age, sex, or skin tone. Has no BMI restrictions. Completely painless, noninvasive and has no adverse outcomes.	Contact mfr.
SHENB Co, Ltd.	VirtueRF	Advanced cooling system, integrated pulsed RF system, integrated energy control system, minimum depth control system with three types of hand pieces (smart RF, deep RF and exact RF) in one platform.	Coagulate the surrounding tissue and transmitting RF micro current deep inside the tissue by using microneedles or single pin tips.	Contact mfr.
	VIVACE (VYBE RF)	Selection of two high frequency mode (1MHz, 2MHz) with gold plated 36 pin needle TIP and two different LED mode during treatment.	Deliver high energy to dermis layer.	Contact mfr.
	AF Laser	Diode laser with the two wavelengths of 635 nm and 405 nm. Energy transfer method is scan-type. AF laser features vision camera, positioning system, automatic UV disinfection (LED) and integrated customization system.	Electric positioning cart	Contact mfr.
	PlaDuo	Jet-type plasma generator, 1-15 level energy control, up to 3Hz shot speed, microwave method, highly durable configuration, large capacity gas can of up to 10 L.	N/A	Contact mfr.
Sofwave	Sofwave	Ultrasound	FDA cleared for lifting of the face and neck using ultrasound technology.	Contact mfr.
Sylton, Inc.	Observ Skin Analysis System	IOS (iPad) supported imaging system	Supportive digital imaging system which enables aesthetic practitioners to have an informative consultation with regards to rejuvenation and beautification treatments.	Contact mfr.
ZianMed	ClearLaze Pico	Pico Second Laser	1064 nm wavelength removes tattoos for the following colors: black, brown, green, blue and purple. Treatment of benign pigmented lesions. 532 nm wavelength removes tattoos for the following colors: red, yellow and orange. Treatment of benign pigmented lesions.	Contact mfr.

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Fractional Technologies Comparison Chart

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Cutera						
xeo pearl	YSGG	2940 nm	Up to 3.5 J/cm ²	≤1000 µs	Contact mfr.	No per treatment consumables. All accessories included
xeo pearl fractional	YSGG	2940 nm	<400 mJ	≤1000 µs	Contact mfr.	No per treatment consumables. All accessories included
Secret RF	RF Microneedling	RF: 2 MHz	70 W (64 pin), 25 W (25 pin)	50 – 950 ms	Contact mfr.	Gold-plated, 0.25 mm thin needles (33G) in 25 or 64 pin arrangements of semi-insulated or non-insulated pins
Secret PRO	Fractional CO ₂ / RF Microneedling	10,600 nm / 2 MHz	Up to 30 W (up to 175 mJ) / 70 W (64 pin), 25 W (25 pin)	20 – 5,000 µs / 50 – 950 ms	Contact mfr.	Surgical CO ₂ handpiece available. RF Microneedling tips are gold-plated for biocompatibility, 0.25 mm thin (33G), 25 or 64 pin arrangements in semi-insulated or non-insulated.
DEKA						
SmartXide DOT	Fractional CO ₂	10.6 µm	50 W max.	200 – 2,000 µs	Contact mfr.	DOT Scanner and Free hand handpiece; touch screen monitor, Stack feature, Smart Track delivery mode, Smart Pulse, patient database, CW, PW, traditional and fractional scanning modes available.
SmartXide ²	Fractional CO ₂	10.6 µm	80 W max.	100 – 2,000 µs	Contact mfr.	PSD technology with selectable pulse shape (SP, DP, UP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner with RF feature, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, multimedia built-in training videos, huge patient database with videos and photos. User protocol storage. Optional diode laser module. Multidisciplinary.
SmartXide Touch	Fractional CO ₂	10.6 µm	60 W max.	100 – 2,000 µs	Contact mfr.	PSD technology with selectable pulse shape (SP, DP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner with RF feature, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, multimedia built-in training videos, huge patient database with videos and photos. User protocol storage. Multidisciplinary.
SmartXide Tetra	Fractional CO ₂	10.6 µm	50 W max.	100 – 2,000 µs	Contact mfr.	PSD technology with selectable pulse shape (SP, DP, HP, PW, CW, traditional and fractional scanning modes available), DOT/RF scanner, Free hand, TFT touch screen monitor, Stack and Smart Track delivery mode, huge patient database. User protocol storage. Multidisciplinary.
HELIX	Fractional CO ₂ / 1570 nm	10.6 µm / 157 nm	70 W max	10600 nm: 0.4 ms - 4 ms 1570 nm: 0.4 ms - 12 ms	Contact mfr.	Two wavelengths sequentially used with different patterns. PSD technology with selectable pulse shape (SP-DP-HP-PW-CW, traditional & fractional scanning modes available), DOT/RF scanner, free hand, TFT touch screen monitor, Stack and Smart track delivery mode. Storing user's protocols. Multidisciplinary.
Fotona						
SP Dynamis	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ²	0.1 – 50 ms	Contact mfr.	F-Runner, fractional Er:YAG scanner: 250 µm spot size, 168 mm ² Tx area. Er:YAG handpieces: 0.25 - 12 mm spot sizes.
XS Dynamis	Er:YAG	2940 nm	Up to 500 J/cm ²	0.1 – 1.5 ms	Contact mfr.	Same as above.
StarWalker MaQX	Nd:YAG Q-Switch Pico / Nano	523 nm, 585 nm, 650 nm, 1064 nm	Up to 300 J/cm ²	580 ps, 0.6 – 50 ms, 5 ns / Hybrid Pico in Nano, Fractional	Contact mfr.	R28, R29, R58, R585, R650, FS20, FS20A, FS20B, FS50, up to 20 mm spot size.
TimeWalker	Er:YAG	2940 nm	0.6 – 65 J/cm ²	N/A	Contact mfr.	FS01 and PSO3x.
Lasering USA						
SLIM E30 MiXto SX	CO ₂	10,600 nm	0.5 – 30 W	2.5 – 16 ms	Contact mfr.	Patented chopped CW fractional scanner system; 20 x 20 mm, 180 and 300 micron scanning handpieces, full range of cutting handpieces, micromanipulator and before micromanipulator. No disposables. New Venezia Lift non-ablative skin rejuvenation handpiece.
SLIM EVOLUTION II MiXto PRO Velure S5 VX	CO ₂ LBO Diode	10,600 nm 523 nm Fractional	0.5 – 30 W 0.1 – 5 W	2.5 – 16 ms 10 – 1000 ms	Contact mfr. Contact mfr.	Same as above. MiXto VX Fractional scanner for non-ablative skin rejuvenation.
Lutronic Aesthetics						
eCO ₂ Plus	CO ₂ Fractional Laser	10600 nm	up to 240 mJ	40 - 1,000 us; 1 - 5 ms	Contact mfr.	Customizable fractional CO ₂ treatments with advanced capabilities to safely deliver laser resurfacing to lighten and brighten patient complexions, including the reduced appearance of acne scars.
Genius	Bipolar Fractional RF Microneedling	N/A	50 W	10 - 1000 ms	Contact mfr.	N/A
Hollywood Spectra	Nd:YAG Nano-Acoustic Laser	1064 / 532 nm Optional Dye HPs: 585 / 650 nm	up to 1.4 J	5 ns, and 0.3 ms	Contact mfr.	Proven short-pulse platform for reducing unwanted pigment and stimulating collagen with low downtime. HyperSurge, IntelliBeam and MDF Microbeam technologies included as standard for complete lightening and brightening treatment benefits. Exclusive Hollywood Laser Peel and AcnePeel treatments.
Ultra	Thulium Laser	1927 nm	1 - 20 mJ at 20 W	N/A	Contact mfr.	Highest powered non-ablative fractional thulium laser is fully customizable to all patient skin types, year round. Reduces pigment and stimulates collagen with minimal patient downtime. Optional serums and cooling masks can complement the experience and allow for new treatment capabilities.
MRP						
EDGE One Fractional CO ₂ Laser	Fractional CO ₂ Laser	N/A	N/A	N/A	Contact mfr.	EDGE pulse-mode with a very high power, extremely short pulses, including the VanityPeel, no downtime procedure for refreshing skin.
ZianMed						
ReviVa CO ₂	Fractional CO ₂	1064 nm / 532 nm	Up to 40 J/cm ²	Adjustable 0.1 ms – 10 ms	Contact mfr.	Scanner handpiece, surgical handpieces (1 mm / .05 mm), gynecological attachments.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Physician-Dispensed Topicals Comparison Chart

Manufacturer / Supplier	Acne Tx	Collagen Stimulation	Exfoliation	Firming	Peel	Pre-Procedure Tx	Post-Procedure Tx	Scar Reduction	Skin Lightening	Sun Protection	Wrinkle Reduction	Website
AnteAGE MD		•		•			•		•		•	www.anteage.com
Dp Derm	•	•	•	•	•		•	•	•	•	•	www.DpDerm.com
ELEVAI Labs	•	•					•	•	•		•	www.elevaiskincare.com
Epionce	•	•	•	•	•		•		•	•	•	www.epionce.com
Exocel Bio		•		•			•	•			•	www.exocelbio.com
NassifMD Dermaceuticals		•	•	•	•					•	•	www.nassifmdskincare.com
PDO Max PDO AfterGlo	•	•		•			•	•			•	www.pdomax.com
PRX Derm Perfexion (WiQo)		•		•				•	•		•	www.lovebeautypro.com/PRX
(plated) Skin Science						•	•				•	www.rionaesthetics.com
SkinCeuticals, LLC	•		•	•	•		•		•	•	•	www.skinceuticals.com
SkinMedica, an Allergan Company	•	•	•	•	•		•	•	•	•	•	www.skinmedica.com
WiQo		•		•				•	•		•	www.lovebeautypro.com/PRX

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Body Shaping Technologies Comparison Chart

Supplier	Device	Energy Source	Mechanism of Action	Regulatory Status (Europe and USA)	Price
Allergan Aesthetics, an AbbVie company	CoolSculpting Elite	Cryolipolysis	Cryolipolysis uses controlled cooling to safely and effectively freeze stubborn fat with little to no downtime. Cryolipolysis targets fat cells without damaging surrounding tissue or skin. Fat cells die by apoptosis. Treatment areas include the thigh, abdomen and flank, along with bra fat, back fat, underneath the buttocks (also known as banana roll) and upper arm.	FDA cleared.	Contact mfr.
	CoolTone	Magnetic muscle stimulation	Magnetic muscle stimulation using Active Magnetic Pulse programming causes involuntary muscle contractions which strengthen the muscle fibers in the treated area, resulting in a stronger, firmer and more toned appearance. Treatment areas include the abdomen, glutes and thighs.	FDA cleared.	Contact mfr.
BTL Industries, Inc.	Vanquish ME	Selective RF	Proprietary Selective Field RF with broad field applicator delivering uniform energy for circumferential reduction of the abdomen.	CE cleared. FDA cleared.	Contact mfr.
	Exilis Ultra	Focused RF and Ultrasound	Simultaneous delivery of focused RF and ultrasound energy with variable surface cooling delivers precise volumetric heating of tissue for wrinkles, laxity, cellulite and body contouring. Exilis patented applicators deliver maximum thermal effect without costly consumables.	CE cleared. FDA cleared.	Contact mfr.
	EMTONE	Combination RF and Targeted Pressure Energy	Simultaneous delivery of monopolar RF and Targeted Pressure Energy to non-invasively treat all major contributing factors to cellulite. The simultaneous effect of this combined energy results in disruption of old structures followed by the synthesis of new healthy ones leading to a thickening of the dermis, relaxation of connective septae and increase of elasticity.	FDA 510k clearance to provide a temporary reduction in the appearance of cellulite, and heating for the purpose of elevating tissue temperature for medical conditions such as temporary relief of pain, muscle spasms and increase in local circulation.	Contact mfr.
	EMSCULPT	HIFEM	Supra maximal muscle contractions	Cleared for strengthening, firming and toning of the abdomen, arms, buttocks, thighs and calves.	Contact mfr.
	Emsculpt NEO	Synchronized RF and HIFEM+	Simultaneous emission of patented Synchronized RF heating and HIFEM+ induced supra-maximal muscle contractions leading to non-invasive fat reduction, muscle growth, lipolysis of the abdomen and thighs as well as strengthening, firming and toning of the abdomen, buttocks, thighs, calves and arms. For skin types I - VI.	CE cleared, FDA cleared.	Contact mfr.
Cutera	truSculpt	Monopolar RF	Non-invasive fat reduction using monopolar RF heating with truControl technology that penetrates deep into the entire fat layer creating selective apoptosis of the subcutaneous adipose tissue.	FDA cleared, CE marked, Health Canada.	Contact mfr.
	truFlex	Direct Bio-Electrical Muscle Stimulation	Multi-Directional Stimulation (MDS) deploys a unique method of electrical muscle stimulation to target specific muscle groups using three different treatment modes to strengthen, tone, and firm the abdomen, glutes, and thighs with 15-minute treatment options.	FDA cleared, CE marked, Health Canada.	Contact mfr.
DEKA	SmartLipo 6 SmartLipo 10 SmartLipo 18	1064 nm Nd:YAG Laser	Lipolisi technology with more than 15 years of experience on patients. 6 W, 10 W and 18 W versions. Customized μ Pulsed Nd:YAG wavelength providing physiological contractions and elimination of the fat with no inflammatory effects. Controlled photomechanical effects, photo-coagulative action and a photo-stimulative course for immediate skin tightening due to flexible pulse design.	CE cleared. FDA cleared.	Contact mfr.
	LIPO AI	1440 nm Nd:YAG Laser	Novel NIR laser assisted liposuction device, based on artificial intelligence algorithm and it is indicated for the surgical incision, excision, vaporization, ablation and coagulation of soft tissues. Further indicated for laser assisted lipolysis and provides physicians with special views and real time feedback controls (patent pending). AI Algorithm and customized μ Pulsed Nd:YAG wavelength providing physiological contractions and elimination of the fat with no inflammatory effects. Controlled photo-mechanical effect, photo-coagulative action and photo-stimulative course for immediate skin tightening due to flexible pulse design.	FDA cleared.	Contact mfr.
Dominion Aesthetics	EON+	1064 nm laser	1064 nm laser to heat fat issue and induce apoptosis while being delivered through an intuitive robotic arm that never touches the patient.	U.S. FDA cleared	\$229,000
Fotona	SP Dynamis	Nd:YAG 1064 nm, Er:YAG 2940 nm	Laser assisted lipolysis, treatment of wrinkles; Photothermal - heat generated by laser light.	CE cleared. FDA cleared.	Contact mfr.
	XP-2 Focus	Nd:YAG 1064 nm	Same as above.	CE cleared. FDA cleared.	Contact mfr.
	XP Dynamis	Nd:YAG 1064 nm	Same as above.	CE cleared. FDA cleared.	Contact mfr.
	SP Spectro	Nd:YAG 1064 nm, Er:YAG 2940 nm	Same as above.	CE cleared. FDA cleared.	Contact mfr.
	XP Spectro	Nd:YAG 1064 nm	Same as above.	CE cleared. FDA cleared.	Contact mfr.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.

Body Shaping Technologies Comparison Chart

Supplier	Device	Energy Source	Mechanism of Action	Regulatory Status (Europe and USA)	Price
Lutronic Aesthetics	Accufit	Electrical Stimulation	Non-invasive powered muscle and nerve stimulator used for muscle reeducation to improve the aesthetic appearance of targeted body areas. The device follows the physiological principle of direct stimulation of efferent nerves, to motor neurons and/or to muscles which produces muscle contractions in and around the area of the treatment electrodes. Accufit utilizes biphasic and interferential waveforms (4P) for muscle reeducation. There are four preprogrammed treatment regimens that enable users to mimic common physical exercises.	FDA cleared - US Pending - OUS	Contact mfr.
MedixSysteme AG	SPASHAPE	Fractional Focal Ultrasound and 685 nm Laser	Patented, clinically proven fractional focal ultrasound combined with 685 nm cold laser for biostimulation. Pulsed focal energy disrupts fat cell membranes while laser biostimulates immediate drainage.	CE cleared.	Contact mfr.
	ULTRAContour – U.LIFT	High Focalized Ultrasound plus UMD multi-sequential drainage	HFU combined with 18 probe UMD for ultrasonic lymph drainage. Pulsed focal energy disrupts fat cell membranes. Multi-sequential ultrasonic drainage stimulates lymph process. U.LIFT is a focal ultrasound probe to treat cellulite.	CE cleared.	Contact mfr.
	SigmaLift	High Focalized Ultrasound plus UMD multi-sequential drainage, HFU, Tri-Fractional Ultrasound, 635 nm Laser	HFU remodels facial harmony by reducing fat volume in chin and jawlines, tri-fractional and LLLT smooth crows' feet, nasolabial folds and enhance skin glow.	CE cleared.	Contact mfr.
	S.Shape	HIFU, Fractionated Ultrasound combined with 685 nm Cold Laser	Pulsed focal energy disrupts fat cell membranes while laser biostimulates immediate drainage.	CE cleared.	Contact mfr.
	ULTRAContour NG	UMD and Focal Ultrasound	Sonodynamic Therapy (Thermal & Mechanical)	CE cleared and FDA Acknowledge 510K	Contact mfr.
MRP	Lipocel HIFU High Intensity Focused Ultrasound	Focused Ultrasound	Painless, non-invasive, body contouring and fat reduction. Powerful 5C contact cooling to protect the epidermis and allow the emission of higher-intensity energy for increased effectivity.	N/A	Contact mfr.
Photonica USA	UltraSlim	LED (300 W, 110Vac, 3A, 60Hz) "Standard American Outlet"	Photobiomodulation	FDA cleared.	Contact mfr.

Note: Data subject to change; please refer to Company Directory for supplier contact information. Not all devices are FDA cleared for the application(s) indicated.



Emtone

The Emtone is the first and only device that simultaneously delivers both thermal (radiofrequency) and mechanical (targeted pressure) energy to treat all major contributing factors to cellulite. Combined there is a synergistic effect that neither technology can achieve on its own. Studies report Emtone is more effective than stand-alone procedures for building elastin and collagen (+64%, +59% respectively) as well as faster than stand-alone procedures (+50%).

BTL Industries, Inc.: (866) 285-1656 or visit www.bodybybtl.com



Product Profiles

Collagen P.I.N.

Collagen P.I.N.® is synonymous with microneedling – and for good reason. With our advanced cartridge design, cordless handpiece and adjustable depth dial – microneedling treatments with Collagen P.I.N. deliver a favorable patient experience with less social downtime and visible, clinical results within one week of treatment.

Collagen P.I.N.: (877) 746-4407 or visit www.collagenpin.com



The Aesthetic Needle

The Aesthetic Needle 32G x 13 mm (32G x 1/2") 100/box #32G59875 box contains 100 disposable premium sterile hypodermic needles with an individually sealed cap. They are made of surgical stainless steel with a polypropylene hub that are suitable for different needs. It is a convenient universal fit created for single use only.

Merit Pharmaceuticals: (800) 69-MERIT / (800) 696-3748 or visit www.meritpharm.com

Product Profiles

Cryo 7

Zimmer MedizinSystems, the undisputed global leader in skin cooling devices, elevates the gold standard. The new Cryo 7, delivering cold air as low as -30°C, is an energy-efficient technological marvel. With many innovative standard features, its complex German engineering provides simplicity of use to the practitioner and comfort to the patient. Cryo 7 minimizes pain and risk of thermal injury associated with procedures like laser hair/tattoo removal, superficial injections, plastic surgery and more.

Zimmer MedizinSystems: (800) 327-3576 or visit www.ZimmerUSA.com



Lutronic Ultra

Dramatically different from traditional resurfacing lasers, the 1927 nm Lutronic Ultra™ rebuilds glowing, healthy skin through non-ablative Thulium fractionated treatments. Tunable from mild to aggressive and extremely cost-effective (no shot limit per procedure), Lutronic Ultra safely offers customized outcomes, with very little downtime on all skin types, all year round. The Ultra offers a comfortable treatment with very low downtime and immediate results on pigment, sun damage, global tone and texture.

ADVATx

ADVATx is the apex of solid-state lasers, delivering high powered yellow light and infrared laser energy without toxic pulse dye kits. With dual 589 nm and 1319 nm wavelengths, ADVATx is FDA/CE-cleared to treat 25 indications from vascular and pigmented lesions to scars, acne and wrinkle reduction. ADVATx provides max versatility with clinical efficacy, user friendly controls, no consumables and no social downtime!

Advalight: (888) 354-5551 or visit www.advalight.com

Lutronic Aesthetics: (888) 588-7644 or visit www.Lutronic.com



Secret by Cutera

Secret by Cutera offers treatments that address the most common skin concerns with customizable RF microneedling and laser options. Using tiny gold-plated microneedles, Secret RF delivers fractional radiofrequency energy below the skin's surface to help revitalize and regenerate all skin types. Treat all layers of the skin with Secret DUO 1540 nm and Secret PRO CO₂ laser options to achieve optimal results with minimal downtime.

Cutera: (415) 657-5000 or visit www.secretbycutera.com

AnteAGE Eye

AnteAGE® Eye is a powerful yet gentle solution designed to target the signs of aging in the delicate eye area. Powered by bone marrow stem cell cytokines and loaded with antioxidants and peptides, this silky, rapidly penetrating formula helps to improve the appearance of lines, puffiness and under-eye darkness – all while defending the eye tissue against free radicals. Deeply hydrate, crepiness and truly see the difference with this one of a kind eye serum.

AnteAGE MD: (877) 350-6350 or visit www.AnteAGE.com



MOTUS AZ+

The New MOTUS AZ+, 755 nm and 1064 nm laser platform, offers virtually painless and smokeless hair removal, pigmented lesions, vascular and other procedures for all skin types. The DEKA's proprietary new Moveo Technology handpieces (HR, PL, VL & SR) provides high degree comfort procedure with excellent results and tolerability scale. The New Moveo Glo allows sequential use of the four different four Move handpieces in one session to provide excellence in virtually painless skin revitalization treatments. MOTUS AZ+, allows for no stress procedures for users. The wide view touch screen display and the full parameters control (three levels: soft-medium-high) allow physicians to tailor and perform treatments on all patients with no trouble. A standard handpiece option available too.

DEKA: +39 055 88 74 942 or visit www.dekalaser.com



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Acclaro Medical: (866) ACCLARO (222-5276)
or visit www.ultraclearlaser.com



Bareit

Forget what you have known about laser hair removal - Bareit reinvents hair removal as the fastest laser hair removal treatment on the market, delivering personalized treatments for all skin types, any time of the year, anywhere on the body. The device's extra-large spot sizes and ability to switch between different wavelengths — an independent 810 nm or the unique "Blend Technology" with 810 nm, 940 nm and 1060 nm — allow providers to comfortably treat patients of all complexions and hair types.

Sciton, Inc.: (650) 493-9155 or visit www.sciton.com/bareit



Emsella

BTL Emsella revolutionizes both the women's and men's intimate health and wellness categories by providing those suffering from incontinence with a completely non-invasive option. The patient remains fully clothed while one's pelvic floor is stimulated by 11,800 electro-magnetic contractions in a 28 minute session. After two sessions per week for three weeks patients experience regained control over pelvic floor muscles and bladder. Studies report a decrease in the usage of pads and an increased quality of life. Noted side effects include sexual sensitivity and local blood circulation.

BTL Industries, Inc.: (866) 285-1656 or visit www.bodybybtl.com

Sofwave

Sofwave™ comfortably delivers Synchronous Ultrasound Parallel Beam SUPERB™ technology, with minimal downtime in a single 30 - 45-minute treatment no matter the skin type. Sofwave is FDA cleared and clinically proven to remodel collagen, which improves facial lines and wrinkles, and lifts the eyebrows, submental and neck area. Driven by experience and passion, Sofwave Medical is a fast-growing medical aesthetic technology innovator committed to developing cutting-edge technologies for the global aesthetic market.

Sofwave: (855) SOFWAVE (855-763-9283) or visit www.sofwave.com



EXOSOME by BENEV



Exosome Regenerative Complex +

BENEV's Exosome Regenerative Complex + is stem cell derived lyophilized exosomes with potent growth factors, peptides, coenzymes, minerals, amino acids and vitamins to intensively rejuvenate and moisturize the skin and scalp. Our clinically proven paraben-free, steroid-free and hypoallergenic intensive dual action complex was designed and developed in tandem with the fourth largest exosome research company in the world, ExoCoBio.



DMK

For the past seven years, DMK has been perfecting a series of formulations that will revolutionize skincare forever. Prepare to harness skin health using the power of stem cells and enzymes. STEMZYME® is the ultimate long-term skin maintenance treatment that reduces the effects of impaired stem cell function. Effects include fine lines and wrinkles, sagging skin, uneven skin tone, discoloration, uneven texture, dullness, sallow complexions, enlarged pores, dry skin and hyper-reactive skin.

Danné Montague King: (562) 944-0230 or visit www.dannemking.com

BENEV Company, Inc.: (949) 457-2222 or
visit www.BENEV.com

Product Profiles



Emsculpt

The Emsculpt is the only procedure to help both women and men build muscle and sculpt their body (arms, abs, legs). In addition, the Emsculpt creates the world's first non-invasive buttock toning procedure. This is made possible by the non-invasive HIFEM® procedure inducing powerful muscle contractions not achievable through voluntary contractions. Studies report a 16% average increase in muscle mass and a 96% patient satisfaction.

BTL Industries, Inc.: (866) 285-1656 or visit www.bodybybtl.com

invisa-RED Elite 12

invisa-RED is a non-invasive laser device with FDA, IRB and clinically proven results for fat reduction, weight reduction and aesthetics. It accomplishes scalable weight loss with a precise combination of specific frequencies from both red and infrared laser energy. The combination of dual coherent frequencies enables the laser to penetrate deep into the adipose tissue generating a significant response in cellular function and stimulation of the body's natural metabolism. invisa-RED technology stimulates cellular respiration, lymphatic function and increase the metabolism through the synthesis of adenosine triphosphate (ATP). The activation and efficiency of both the lymphatic system and metabolism are essential to achieve a patient's weight loss goals.

invisa-RED: (470) 331-4645 or visit www.invisared.com



Neogen

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Observe Skin Analysis System

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Sylton, Inc.: (734) 506-6052 or visit www.sylton.com



Viola Threads

Viola Threads (FDA 510k cleared #K190264) offers an extensive catalogue of PDO threads and more, including our signature thread PDO Doublylft Flat Mesh and the newly-released 5D Fix Coglyft, a 360-degree multi-cog type thread. These threads provide full face, neck and body enhancement with lifting and anchoring capabilities that can improve even heavy, sagging skin tissue because of their large cog size and USP.

Viola Threads: (213) 351-0001 or visit www.violathreads.com



Agnes

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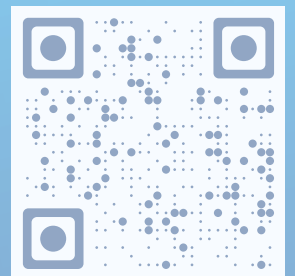
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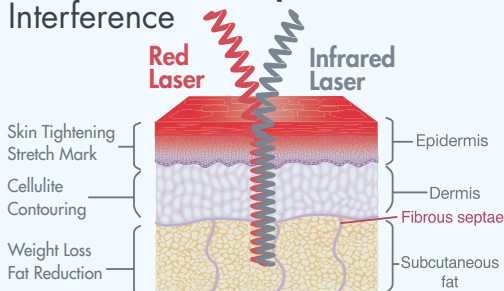
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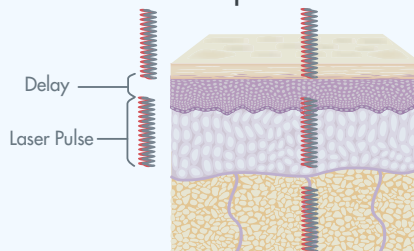
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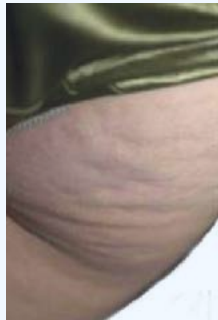
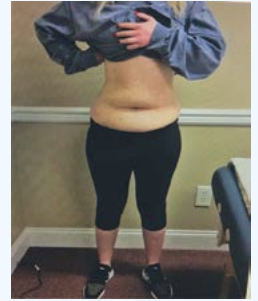
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