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Cosmetic Surgeon Dr. Richard E. Buckley of MilfordMD Cosmetic Dermatology Surgery & Laser Center in Milford, PA, Talks About All That's New in Facial Fat Injecting

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Facial fat rebalancing is only one of the things that can be done using one's own fat to rejuvenate the face. Newer options, including the use of nanofat, makes it possible for cosmetic surgeons to not only restore facial volume with fat, but also to improve skin texture and tone with nanofat.

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Taking fat from one area of the body and injecting it into the face is one of today's most popular facial rejuvenation procedures. Newer options, including the use of nanofat, make it possible for cosmetic surgeons to not only restore facial volume with fat, but also improve skin texture and tone with microfat and nanofat, according to cosmetic surgeon Dr. Richard E. Buckley, medical director and cosmetic surgeon at MilfordMD Cosmetic Dermatology Surgery & Laser Center, in Milford, Penn.

"We've long used one's own fat--a living natural alternative to dermal fillers to rebalance the face. That includes restoring structural arcs and contours on the face that become hollower with age," Dr. Buckley says. "Some call fat transfer of the face the 'facelift alternative."

But facial fat rebalancing is only one of the things Dr. Buckley accomplishes using one's own fat to rejuvenate the face. Dr. Buckley says he also uses nanofat and microfat injections to rejuvenate faces.

"Different types of fat injections have to do with particle size, so when you get down to nanofat, there actually aren't any living cells. It's more a cell matrix and, in that sense, it's bio-stimulatory. It helps to rejuvenate

Fat Grafting





Facial fat rebalancing performed by Dr. Richard E. Buckley, using client's own natural fat. Dr. Buckley can also inject nanofat and microfat to rejuvenate the client's skin.

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the skin," says Dr. Buckley, who recently returned from attending the June 2019 Vegas Cosmetic Surgery and Aesthetic Dermatology **conference**, where experts addressed the latest about nanofat. "Next, you have microfat, which is small groups of microscopic fat that go through a very small cannula."

While fat transplants help to rebuild the more youthful shape of an aged face, microfat and nanofat help to fill in the surface grooves and wrinkles and restore skin quality, he says. "All are important in facial rejuvenation," according to Dr. Buckley. "We lose volume with age, especially in the midface above the brow and on the outer parts of the eyelids. We lose volume in our lips, and below the corners of the lips. We lose volume along the marionette areas. We lose volume in our cheekbones and along the jawline."

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Microfat and nanofat come in when Dr. Buckley fills in depressions and works on minimizing the very detailed, extremely fine lines.

"The neck and the chest also are an opportunity to use micro-fat and nanofat to fill in the grooves and lines and restore skin," he says.

Dr. Buckley prepares nanofat by retrieving fat from somewhere else on the body. Then he filters and sizes it, so that a liquid rich with stem cells remains. He painlessly uses blunt microcannulas or tiny needles to place the fat into the face, creating a long-lasting effect.

Fat, he says, is an ideal option for facial rejuvenation because dermal fillers, while they can do the job, tend to be price prohibitive when large volumes of replacement material are needed.

"I have used 127 syringes (127 cc) of a person's own fat to rebuild their face, which is marvelous. You wouldn't be able to do something like that with synthetic fillers because it would be too expensive. And if you were going to use that volume of material, it's optimal if it's natural like fat or FRP (Fibrin Rich Plasma) and not synthetic like dermal fillers," he says.

The option of using fat to rejuvenate the face rose 16%, from 39,090 cases in 2017 to 45,360 cases in 2018, according to the American Society of Plastic Surgeons' 2018 National Plastic Surgery **Statistics**.

The face is not the only place that can benefit cosmetically from fat transfer. Fat transfer is also an option for patients wanting bigger breasts (a cup size per session is possible) or plumper buttocks, according to Dr. Buckley.

About MilfordMD Cosmetic Dermatology Surgery & Laser Center:

The MilfordMD Cosmetic Dermatology Surgery & Laser Center offers state-of-the-art highly specialized procedures in laser and cosmetic surgery and aesthetic skin care. In addition to its AAAHC nationally accredited surgical center and extensive laser surgery capabilities, MilfordMD offers physician designed skin care products for home use. Milford Pennsylvania's MilfordMD Cosmetic Dermatology Surgery & Laser Center is sought out by patients from around the world for expertise and innovation in cosmetic treatments performed by Board Certified Physicians, Richard E. Buckley, M.D. and Marina Buckley, M.D.

MilfordMD Cosmetic Dermatology Surgery & Laser Center is located at 303 W. Harford Street, Milford, PA 18337. Tel: (570) 491-1962. For real patient video testimonials, follow MilfordMD on **Instagram** and **Facebook**, and visit our **MilfordMD YouTube channel**.