ActiveFX™
with UltraPulse® Encore™

The latest advancement in
minimal downtime fractional CO₂
laser resurfacing for aging skin
ActiveFX™

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The latest advancement in minimal downtime fractional CO$_2$ laser resurfacing for aging skin.
The goal of ActiveFX fractional laser skin resurfacing is simple: replace damaged skin with new, fresh skin. Techniques for laser skin resurfacing have made enormous advances, allowing nearly everyone to achieve close to flawless complexions. The primary targets of laser skin resurfacing include:

- Fine lines and wrinkles of the face, especially around the upper lip, cheeks and forehead
- Loose eyelid skin
- Crow’s feet around the eyes
- Pucker marks (smoker’s lines) and frown lines
- Brown spots and splotchy, uneven skin tone
- Scars, especially acne scars
- Loose skin around the neck and jowls

**ActiveFX Benefits**

ActiveFX treatment produces a dramatic effect on the skin:

- Causes immediate skin tightening
- Reduces wrinkles and fine lines, and softens deeper frown lines
- Noticeably improves skin tone and texture
- Stimulates new collagen formation and plumps the skin

The results of CO₂ resurfacing are dramatic and, with proper sun protection, can last for many years. Most effects of treatment become visible right away, whereas others—such as new collagen formation—build up gradually and result in continued smoothing over time. Therefore, most people continue to show improvement up to six months after the procedure.
What is ActiveFX “Fractional” Skin Resurfacing?

ActiveFX is a laser procedure performed in a single treatment with minimal downtime, typically 4–7 days. During the resurfacing procedure, a high-energy beam of laser light interacts with the skin’s surface, causing the upper layer to peel off and regenerate a layer of new, healthy skin. The laser also stimulates formation of new underlying collagen, which results in continued improvement in skin texture over time.

With fractional laser treatment (ActiveFX), only a fraction of the skin’s surface is treated, leaving small “bridges” of untouched skin. This technique makes the healing process much faster and enables you to get back to normal activities sooner. With a total resurfacing (MaxFX™) the entire skin surface is treated with the laser.

A high-energy laser beam is applied in a fractional pattern over the surface of the treatment area, leaving areas of untouched skin to promote quicker healing.

**LASER RESURFACING PATTERNS**

- **ActiveFX**, with a more open laser pattern, is a fractional laser treatment for dyschromia and fine lines that yields remarkable results with minimal downtime.
- **MaxFX**, with a laser pattern that is more dense, is a deeper treatment for more severe skin damage that provides truly dramatic results.
Recognized as the gold standard of laser resurfacing systems, the UltraPulse® Encore™ CO2 laser delivers thousands of tiny laser pulses in a spaced pattern over the skin. Each pulse heats a column of tissue eliminating pigment discolorations at the surface and creating a deep zone of heating in the tissue. Unique to the UltraPulse Encore, these zones of heating shrink collagen and tighten the skin immediately. In addition, deep tissue heating stimulates collagen remodeling\(^1\), tightening the skin further over the months following the procedure.

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Applications

ActiveFX™ Fractional Skin Resurfacing
Wrinkles | Laxity

Female with wrinkles and eyelid skin laxity
Before and 1 week after 1 ActiveFX treatment
Female with photodamage and wrinkles (rhytids)
Before and 1 month after 1 ActiveFX treatment
Wrinkles

Female with wrinkles and eyelid laxity
Before and 4 days after 1 ActiveFX treatment

PHOTOS: Glenn DeBias, DO; Doylestown, PA
Pigmentation

Female with photodamage and uneven skin tone
Before and after 1 ActiveFX treatment
Female with photodamage / uneven skin tone and pigmentation
Before and after 1 ActiveFX treatment
Sun Damage | Pigmentation

Female with photodamage / mottled pigmentation
Before and after 1 ActiveFX treatment
Female with photodamage / mottled pigmentation
Before and after 1 ActiveFX treatment
Female with heavy sun damage
Before and 10 months after 1 ActiveFX treatment
Applications

MaxFX™ and Other Procedures
Deeep Wrinkles  |  Sun Damage

Female with deep wrinkles / solar elastosis
Before and 12 months after 1 MaxFX treatment

PHOTOS: Suzanne L. Kilmer, MD; Sacramento, CA
Deep Wrinkles

Female with deep wrinkles around the mouth
Before and 2 months after 1 MaxFX treatment
Acne Scars

Female with acne scars
Before and 2 months after 1 MaxFX treatment
Keratosis

Female with keratosis
Before and after treatment

BEFORE

AFTER

PHOTOS: Joseph Niamtu III, DMD; Richmond, VA
Female with excess upper eyelid skin and wrinkles
Before and 2 months after laser blepharoplasty and 1 MaxFX treatment
Female with excess upper eyelid skin and fat pads
Before and 2 months after laser blepharoplasty
Male with seborrheic keratoses
Before and 6 weeks after 1 treatment
Female with lower eyelid syringomas and wrinkles
Before and 7 weeks after 1 treatment
Male with rhinophyma
Before and after treatment