

Q & A

HOW DOES eCO2 FOR FRACTIONAL SKIN RESURFACING WORK?

The introduction of fractional skin resurfacing to cosmetic surgeons dramatically changed the way physicians approach resurfacing techniques. By creating tiny micro-wounds spaced apart on the skin, the doctor is treating only a fraction of the skin's surface. Since discomfort and healing time are minimized, fractional resurfacing has become more appealing to a wider range of people. The procedure lives up to its promise to reduce skin imperfections and promote collagen regeneration, reclaiming the skin's youthful texture, tone and color.

WHAT SKIN CONDITIONS WILL THE eCO2 LASER IMPROVE?

Results will vary depending on your age, degree of sun damage and skin type. However, patients who have had the eCO2 procedure, report significant changes in only a single treatment.

- ▶ Reduces facial fine lines and wrinkles
- ▶ Gives the skin a more firm, smooth appearance
- ▶ Improves scars
- ▶ Reduces sun damage, such as brown spots
- ▶ Reduces skin blotches and blends skin color
- ▶ Improves pigmented and vascular conditions

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The Healing Power of Light

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eCO2™
FRACTIONAL
RESURFACING

COMPLETE SKIN RENEWAL



THE HEALING PROCESS



IMMEDIATELY AFTER

Laser applies heat to deeply fractionate the skin. The process creates columns by removing tissue to stimulate cell activity. The surrounding healthy tissue promotes more rapid healing.



POST 2 DAYS

Skin is healing through new cell activity and new collagen is formed to heal with wound.



POST 14 DAYS

Outer layer of skin is completely normal and collagen remodeling continues.

HOW LONG WILL THE EFFECTS OF eCO2 LAST?

Obviously your skin will continue to age. However, to minimize on-going damage, consult with your doctor about preventative measures, for example, a good sunscreen, makeup etc. You may need to adopt the habit of wearing a hat or engaging in sports earlier in the morning or later in the afternoon, away from the sun's peak hours. These are practical lifestyle changes that will help you retain your new, healthier skin.

WHAT WILL I LOOK LIKE POST-TREATMENT?

Following treatment you will experience swelling and redness. If your doctor is aggressive during the procedure, the area treated will appear red for a longer period of time. In most cases, this issue resolves in one to three weeks. During that time, with the exception of the first few days post-treatment, you may apply makeup to tone down the redness. Normal activities may be resumed, in most cases, within 5-7 days.

WHEN WILL I SEE RESULTS?

Within a few days, new skin will appear that is smoother and more even-toned. Your skin will continue to improve over six to nine months as the new collagen builds replacing the old collagen.

WILL I NEED MORE THAN ONE TREATMENT?

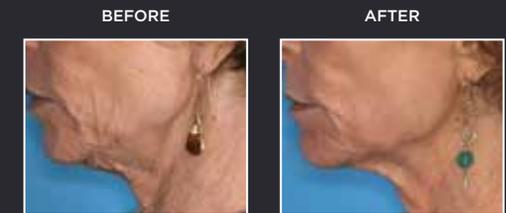
It's possible if you have deep scars and/or deep wrinkles. Also, it depends on your own expectations. You may feel after a few months that you need further improvement. However, your doctor is the best person to assess how many treatments you might need during your initial consultation.

IS THE PROCEDURE SAFE?

Fractional treatments are approaching a decade of popularity with physicians and consumers worldwide. The eCO2 laser is designed with the finest operating features possible to provide you and your doctor the greatest margin of safety during the procedure.

IS THE PROCEDURE PAINFUL?

Everyone experiences pain or discomfort to varying degrees. Your doctor will determine how to minimize your discomfort during the procedure. Topical anesthetics are applied and sometimes oral medications are prescribed. Administering nerve blocks is another option that completely numbs the area being treated.



Top: Photographs courtesy of J. David Holcomb, MD
Second: Photographs courtesy of Jeffrey Rapaport, MD
Bottom: Photographs courtesy of Katherine Kim, MD

Individual results may vary.