

# DeepFX™

Fractional Laser Treatments



POWERED BY UltraPulse

The latest advancement in  
minimal downtime, fractional  
laser treatments for aging skin

## DeepFX results

DeepFX produces a dramatic effect on the skin:

- Improves wrinkles, scars and folds
- Noticeably improves skin tone and texture
- Stimulates new collagen formation and plumps the skin<sup>2</sup>

### Perioral Wrinkles



### Perioral Wrinkles



### Periorbital Wrinkles



You will notice immediate softening of wrinkles, fine lines and scars as the skin heals from the treatment. In addition, the skin responds by stimulating organic growth of new collagen that continues for up to six months. Results of the treatment are long-lasting and with proper skin care can last for many years.

## Where can DeepFX be used?

DeepFX is commonly used on the face, around the lips, for crows feet, the neck, upper chest, hands and arms. Ask your doctor if DeepFX is right for you.

## Who can get a DeepFX treatment?

DeepFX is safe for most people; however it shouldn't be used if you have taken Accutane™ in the past 12 months, have a history of keloid formation, have a history of poor wound healing, or demonstrate excessive or unusually prolonged erythema, hyperpigmentation or hypopigmentation upon laser test patching.



<sup>2</sup> Ross E, McKinlay J, Anderson R. Why Does Carbon Dioxide Laser Resurfacing Work? *Archives of Dermatology*, 135:444-454, 1999.

# DeepFX™

## Fractional Laser Treatments

### Benefits of DeepFX

- Results in a single treatment
- Minimal downtime
- Improves scars, wrinkles and texture
- Deep dermal stimulation
- Dramatic results

As we age, changes deep in the dermis accumulate leading to visible signs that include fine lines, deep wrinkles, texture irregularities and scarring. To adequately treat these problems, treatments need to reach the deep layers of your skin and renew the collagen foundation. Previous treatments produced great results but were limited in appeal due to lengthy recovery times. With the NEW **fractional DeepFX** treatments, your physician is able to treat the deep layers of your skin, but keep downtime to a minimum. Now, deep wrinkles, skin texture and scars are dramatically improved after just **one treatment**.

### What is DeepFX?

DeepFX is a revolutionary fractional laser technology for aged, sun-damaged or scarred skin. The low-downtime procedure uses fractional

CO<sub>2</sub> laser microbeams to precisely target the deep dermal layers of the skin. This stimulates a cascade of healing responses that leads to tissue regeneration and new collagen formation throughout the entire treatment area. And because only a fraction of the skin is actually touched by the laser, healing time can be limited to just a few days.

### How does DeepFX work?

DeepFX procedures involve treating only a fraction of the skin's surface, leaving bridges of untouched skin to aid in the regeneration process. Each laser pulse removes a narrow column of tissue while simultaneously treating surrounding skin. This deep heating causes immediate collagen contraction<sup>1</sup> and long-term collagen remodeling. The result is softening and smoothing of wrinkles and scars, and improved skin texture.

<sup>1</sup>Fitzpatrick, Richard E., Rostan, Elizabeth F., Marchell, Nancy. Collagen Tightening Induced by Carbon Dioxide Laser Versus Erbium:YAG Laser. *Lasers Surg Med.* 2000 27:395-403.



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.

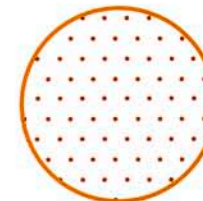
### What is a DeepFX treatment like?

DeepFX is typically performed in a physician's office and lasts for about 20 minutes. Your doctor may use an anesthetic cream prior to treatment to aid with comfort. As the microbeams are applied, you will feel a warm sensation at the treatment area. Immediately following the treatment, your skin will feel warm and will be similar in appearance to a deep sunburn. Over the next several days you will follow a gentle washing and moisturizing regimen, and avoid direct exposure to sunlight. As your skin heals, it will begin to flake and you will notice improvement in your wrinkles, fine lines and scars.

"fractional" columns of high-energy laser light

"bridges" of untouched skin promote healing

#### FRACTIONAL LASER PATTERN



**DeepFX** is a fractional laser treatment for deep wrinkles and scars that yields remarkable results with minimal downtime.



Microbeams precisely target the deep dermal layers of the skin, leaving healthy tissue intact to aid in regeneration.