

## **Instructions for ECO2 Pre Treatment Consideration**

The eCO2 Fractional Skin Resurfacing Laser is an FDA cleared device. The laser uses an intense CO2 laser beam to treat selected areas of the skin. The accuracy of the system allows the doctor to control the depth of penetration limiting the effects on surrounding tissue while delivering the necessary treatment energy with artistic precision.

The laser light is applied using Micro Ablative Columns (MACs) where the depth of penetration can be controlled to remove variable amounts of tissue for a number of treatment indications. This treatment gives the doctor the ability to deliver a conservative, moderate or more aggressive treatment.

Downtime for recovery is directly related to the aggressiveness of the treatment. Conservative treatments for a condition like superficial (near surface of skin) photo damage may require downtime of only a few days but aggressive treatment for deep wrinkles, laxity or scars typically require longer downtime of up to one week or more.

Since skin types and individual healing varies from person to person, most patients will obtain significant improvement after a single treatment while others may need additional treatments to achieve optimum results. Most patients will experience a sunburn sensation after the treatment. Depending on the aggressiveness of the treatment pinpoint bleeding and/or oozing of clear fluid may occur. Redness, swelling and mild discomfort may occur initially with flaking over subsequent days. Occasionally patients may have complications or reactions to the topical agents or drugs used during the treatment. On rare occasions scarring or pigment changes may be observed in the treated areas.

To maximize long term effectiveness patients need to continue or implement a good maintenance skin care program following treatment. It is strongly recommended to wear a broad spectrum sunscreen of at least SPF 30 whenever you go outdoors.

Before and after pictures are needed to demonstrate your initial needs and post treatment improvements. You may also be asked if these photos can be used for the purposes of public education, medical study or research and as documentation for your medical records.

Before you can be considered for eCO2 Fractional Skin resurfacing your doctor will complete your History and Physical examination and decide if you are a good candidate for this procedure or an alternative procedure. Patient's that are pregnant or nursing, healing impaired or have a serious medical problem will not be considered for this procedure. Patients that cannot follow pre and post instructions for skin care will not be considered for this procedure.