

Parker Laser and Anti-Aging Clinic, LLC  
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## **Matrix Fractional Laser Skin Resurfacing** Pre-Treatment Considerations

The Matrix 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 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 treatments for deep wrinkles, laxity or scars typically require a 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 with zinc oxide and titanium dioxide.

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.

Patients that cannot follow pre and post instructions for skin care will not be considered for this procedure.

### **People who cannot have CO2 treatments:**

Pacemakers/ Defibrillators, Pregnant, Accutane within 1 year, Gold Therapy, Colidal Silver Therapy, Vitiligo, Microdermabrasion/ Chemical peel within 4 weeks, previous laser treatment within 4 weeks.