

Fractional Laser

分段激光



It should be that of your inner self, the unfading beauty of a gentle and quiet spirit, which is of great worth in God's sight.

1 Peter 3:4

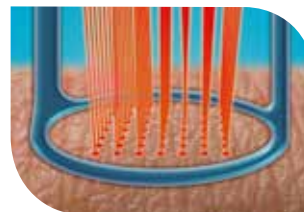
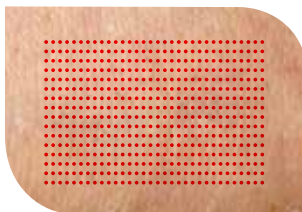
Introduction

What is Fractional Laser?

Fractional laser is a type of laser used in skin resurfacing for conditions such as scars and photoaging. Unlike traditional skin resurfacing where the whole upper layers of the skin are vapourized by laser or dermabrasion, fractional laser produces multiple columns of thermal injury in the skin, leaving the surrounding skin intact. This stimulates collagen formation in the skin and reorganization of collagen in scar tissues. The surrounding unwounded skin enables rapid healing. Therefore, it has the benefits of traditional skin resurfacing with less complications.

Types of Fractional Lasers

There are two broad types of fractional lasers. Non-ablative fractional laser causes the columns of tissues to coagulate, leaving the stratum corneum intact. Re-epithelialization occurs within 24 hours. This requires less downtime and is suitable for conditions such as mild to moderate acne scars, enlarged skin pores, mild to moderate photoaging. In ablative fractional laser, columns of tissue are evaporated, which produces stronger tissue reaction and more effective results. However, the downtime is longer with higher risk of developing complications. Ablative fractional laser is suitable for moderate to severe acne scar and photoaging, hypertrophic scar especially large scars such as burns scars and scar contracture.



Indications

- Acne scars or other depressed scars
- Hypertrophic scars, burns scars, scar contracture
- Wrinkle and photoaging
- Enlarged pores

Procedure

A local anaesthetic cream will be used. Some heat and pain might be felt during the procedure. The treated skin will become red and swollen. There may be pin-point bleeding after treatment with ablative fractional laser and this usually stops soon afterwards. Ice pack will be applied to reduce pain, redness and swelling.

Aftercare

The swelling is worse in the first few days. Scabs then form and usually come off 7-10 days afterwards. Redness usually lasts for 1-6 weeks, depends on the type of laser used and individual response. Bronzing may develop that last for 1-6 months or more. Avoid exposure to sunlight, sunscreen should be used.

Multiple treatments will be required and it may not be possible to clear scars, pores or wrinkles completely. Improvement is usually gradual and it might not be noticeable after the first few treatments. The degree of improvement is variable between individuals. Treatment can be repeated every four to eight weeks. Risks include hyperpigmentation, prolonged redness, skin infection, etc.

Service Hours (By appointment only)

Monday to Wednesday, Friday 10:00am - 6:00pm
Thursday 10:00am - 1:00pm
Saturday 9:00am - 5:00pm
Closed on Sunday and Public Holidays



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