

# SELLAS – Return to the Days of Your Youth

## THE NEW GENERATION FRACTIONAL LASER SKIN REJUVENATION SYSTEM

Laser treatments are the hyped cure for skin problems; the wonder treatment to even out skin tone; the option to induce skin tightening without surgery – these are just a few of the many claims made about the miracles that laser treatments can offer.

But despite these claims, do you still cringe at the thought of the pain and long downtime that is associated with ablative laser treatments? Are you concerned about risks such as pigmentary alteration, infection, as well as other side effects? Are you unsure as to what laser treatment is best for you because there are just so many different varieties offered in the market?

Well, worry no more! With its new revolutionary technology, the

Sellas Erbium Glass 1550nm Fractional Laser has bridged the gap between ablative and non-ablative laser treatments, providing the best of both worlds, with the ability to address any skin concern.

Utilising its patented technology, PPA (Pulsed Per Area Technology), Sellas rejuvenates the skin by eliminating old pigmented epidermal cells and remodelling collagen by creating thousands of coagulated columns on the skin called micro-thermal treatment zones (MTZ). These micro-zones are created through beam penetration from the epidermis to the dermis, allowing Sellas to simultaneously treat a variety of skin problems with minimal trauma and downtime compared to conventional lasers.

According to aesthetic physician Dr. Jeswender Singh, Sellas can

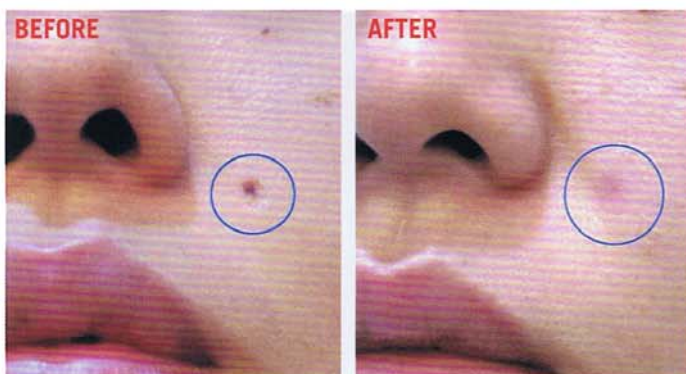
successfully treat acne scars, stretch marks, open pores, wrinkles, birthmarks and uneven pigmentation. Additionally, the presence of MTZ makes this treatment ideal for general skin rejuvenation.

Employing the Erbium Glass 1550nm Fractional Laser, Sellas is suitable to treat all Asian skin types. The Erbium Glass Laser was selected because it has the least amount of effect on melanin and therefore, darker skin types can safely be treated.

Dr. Jeswender states, "The 1550nm wavelength allows us to achieve the ideal depth of penetration of the laser into the dermis where there is collagen and fibroblasts. I have yet to encounter any pigmentary problems in any of my clients."

The procedure usually begins with the application of a topical anaesthetic cream on the targeted treatment area – allowing at least 35 to 40 minutes for the anaesthetic to take effect. After that, the procedure begins and usually takes between five to 30 minutes to complete, depending on the size of the area to be treated.

"After the treatment, post-procedure cream is applied to soothe and heal the treated area," Dr. Jeswender says.



Treatment of pitted scars.



Treatment of acne scars.

The number of treatments required depend on the extent and type of skin problem. "For something simple such as superficial wrinkles, between three to five treatments, once a month will be sufficient," says Dr. Jeswender. "For best results in certain cases, I would also combine Sellas with other treatments such as filler injections," he adds.

Results vary depending on the type of problem and area of the skin to be treated. In some cases, a single treatment will show visible results, while some may require two or more treatments for noticeable results.

With the Sellas treatment, minimal risks are involved. This is because the unique features of Sellas allow the practitioner to select the best combination of energy, depth of penetration, as well as the shape and size of the treatment area.

"Sellas has a touch-screen and the practitioner can draw the shape of the treatment area on the screen. The hand-piece then creates laser micro-beams in a pattern resembling the drawn shape," Dr. Jeswender says. With this, the practitioner can concentrate on treating that specific area only, tremendously reducing unnecessary damage to surrounding healthy skin. With the random sprayed beam technology, pain and side effects are also reduced to a minimum.

"Oedema (puffiness) will occur, but is expected to subside within three to 12 hours. Erythema (redness) is a typical side effect that will last between two to five days depending on how aggressive the treatment is, as well as the type of concern treated," Dr. Jeswender comments.

Aftercare involves applying a moisturiser to keep the skin smooth and supple during the healing process. For the first two weeks, a sunblock is also recommended to protect the skin while the old skin sloughs off and new skin slowly





Treatment of acne scars and open pores.



Treatment of wrinkles and open pores.

begins to appear.

According to Dr. Jeswender, as with all laser treatments, it is important for the patient to follow the post-care regime that is tailored to his or her skin type and condition for optimal results (which is recommended by the practitioner).

In a nutshell, the revolutionary technology featured in Sellas has rendered itself as different and a cut above other existing laser equipments in the market in terms of treatment flexibility and control (with different spot sizes as well as having an energy level range from one mJ to 30 mJ), little downtime, patient comfort and the ability to treat a variety of skin types. With highly advanced technology and a range

of applications, one can undeniably call the Sellas a "One-Stop Treatment Device".

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