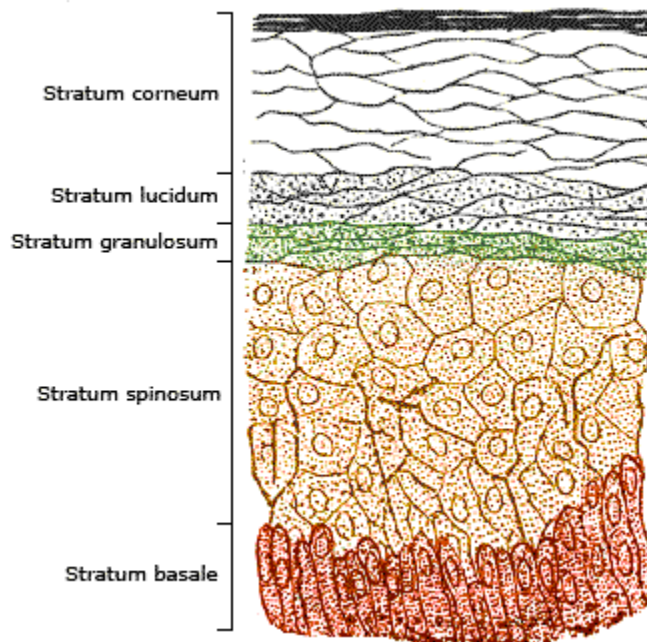


iFRAX Treatment Results

Sykor launched the iFRAX System world wide in early 2013 and the initial results being reported by practitioners throughout the world are sensational. From a global perspective, the biggest challenge of the past decade for aesthetic device companies has been trying to find a way to minimize the collateral damage to individuals with darker skin tones caused by treatment with light-based devices. The treatment of darker skin phototypes can be challenging with light-based devices because of the interference of epidermal melanin absorption of laser and IPL energies, in addition to hyper-responsive melanocytes (located in the basal layer of the epidermis shown below) which can react to any treatment delivering heat to the epidermis.

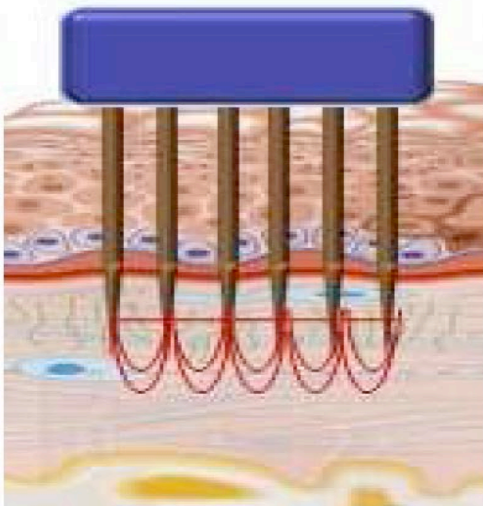


As epidermal melanin increases, the occurrence of cutaneous side effects such as dyspigmentation, blistering, and crusting become more problematic. Since “micro-needle” fractional RF (“FMN”) devices such as the iFRAX System can deliver RF energy



directly to the dermal layers while bypassing the sensitive epidermis, it is finally possible to achieve great skin rejuvenation and anti-aging results without the adverse events and complications seen with darker-skinned patients with light-based treatments.

The ability to treat darker-skinned patients with far less concern of PIH opens up a whole new world to many practitioners. Skin rejuvenation procedures or treatment of scars on the face are among the numerous indications for FRF/FMN devices. Devices such as the iFRAX system can safely treat patients of all skin types because RF is “color blind”, and because the iFRAX D-pin tips bypass the epidermis where PIH is triggered. Fractional micro-needle devices are the first clinically proven method of achieving non-surgical tightening on the lower face. Precise thermal injuries can be created by the very fine RF needle electrodes beneath the epidermis, each area of injury being about the size of a grain of rice.



RF emission



The precision energy delivery possible with the iFRAX system eliminates the guesswork involved with previous technologies. Until now, uncontrolled heating of the skin was the limiting factor, with endpoints based on patient tolerance or surface temperature readings, either of which are vague methods of optimizing therapeutic delivery of energy. The concept of micro-needle treatment is somewhat foreign to America but not to the rest of the world. Micro-needling and FRF is being embraced around the globe much more rapidly than in the U.S. at the present time. The technology of RF is forgiving compared to laser/light-based treatments due to the dramatically reduced potential for PIH. The fact that the fine iFRAX needles also allow you to bypass the epidermis makes it doubly safe and effective. However, there is still technique and skill involved in delivering consistent and proper outcomes of these technologies in a clinical setting.

2013 iFRAX CLINICAL RESULTS PHOTO DOCUMENTATION

Physicians in India treat darker skin regularly and have been successful treating patients with more aggressive parameters. The following photos have been furnished by practitioners who have recently started treating patients with the iFRAX System in India:



A. Acne Scars:



Before





After (One Treatment)

B. Skin Rejuvenation:



Before



After (One Treatment)

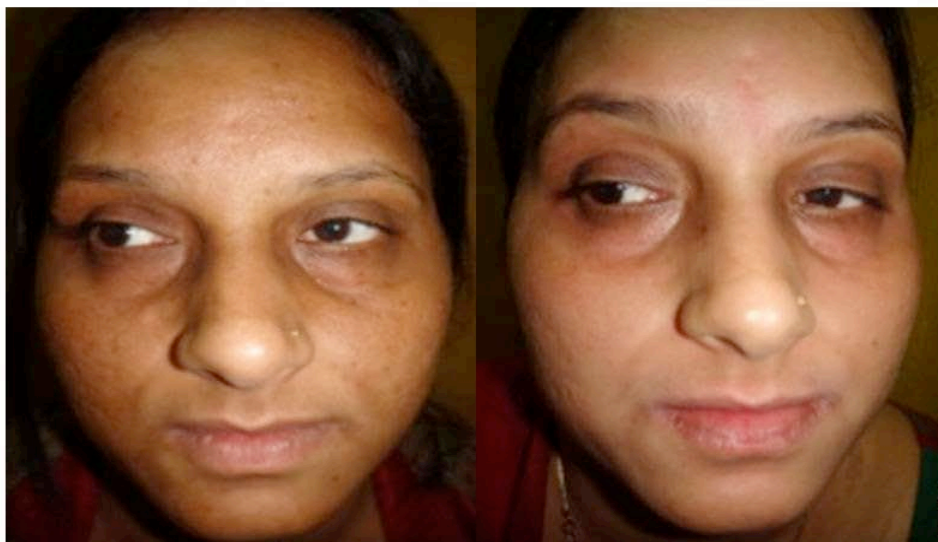
C. Active Acne



Before

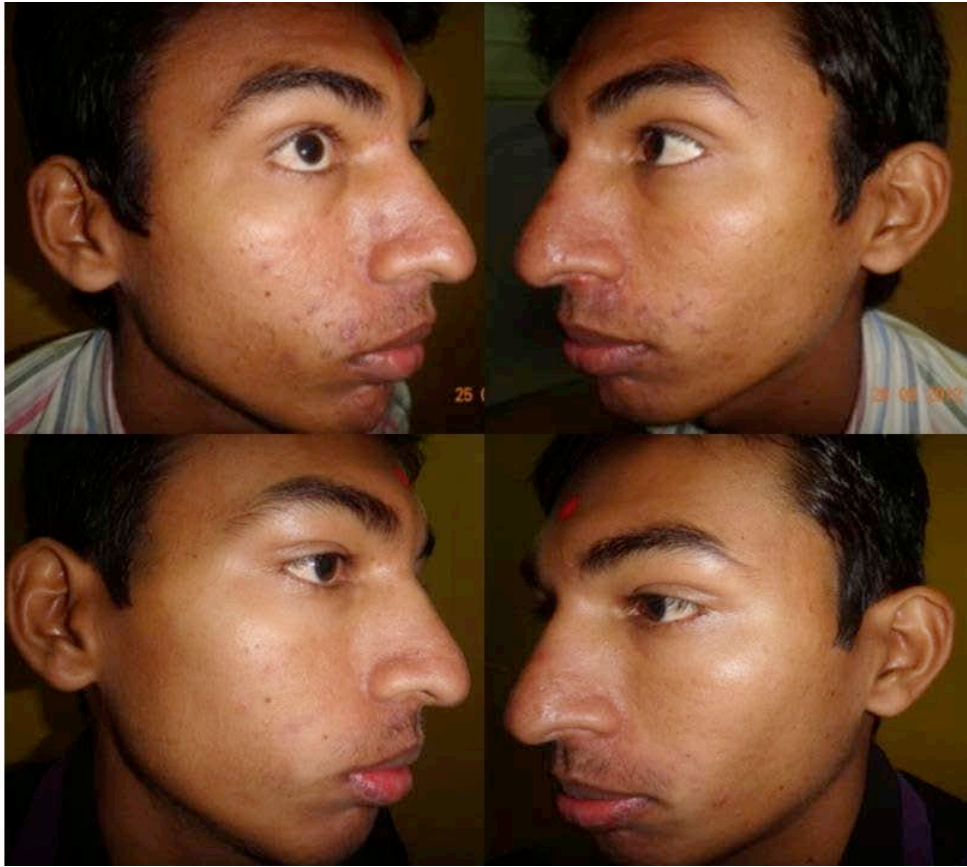
After (two Treatments)











Other benefits incident to iFRAX treatments include volume enhancement and skin tightening. Recent clinical trials have compared the results of treatment with FRF/FNM technologies directly with results from a surgical face-lift. After a single treatment results with one device demonstrated measurable tightening averaging about one-third of what was seen with surgery. Histology results showed both neocollagenesis and neoe elastinogenesis as well as increases in elastin production at both the RNA and protein levels. It is believed that iFRAX treatments are a viable option for individuals seeking facial rejuvenation who either do not want surgery or simply don't need it yet.



Photographs courtesy of Drs. Ajay Deshpande, M.D. and Dr. Jagdish Sakhiya, M.D., India

