



DERMATOLOGICAL SURGERY

MICRONEEDLING IN TREATMENT OF POST ACNE SCAR, MY EXPERIENCE

Krishna Debbarman⁽¹⁾

Mamc, Department Of Dermatology, Delhi, India⁽¹⁾

Acne scarring is devastating and is psychologically distressing. Skin micro needling, is a safe and effective methods in the treatment. As microneedling targets superficial boxcar scar while subcision targets primarily rolling scars, use of combination of the two procedure give better results. The microneedling can also be combine with Platelets Rich Plasma (PRP) as PRP is also has a very good effects on wound healing.

Microneedling - Creates thousands of microclefts in epidermis & papillary dermis leading to zone of superficial bleeding which initiates wound healing, release of growth factors promote collagen deposition, migration and proliferation of fibroblasts leads to elevation of scars.

Combination with Subcision - Improvement in combination of use of subcision and microneedling in VAS by Patients at the end of the treatment 50% marked improvement (50-75%) , 44% moderate improvement (25-50%) and 6% minimal improvement (< 25%) and by Physician 50% marked improvement (50-75%) and 50% moderate improvement (25-50%)

Post Inflammatory Hyperpigmentation was the most common side effects which faded by the end of follow up period. No other significant adverse effects were noted

Combination with PRP – study is still continue, but so far we observed patients satisfaction is higher in combination therapy, which is somewhat similar result by others previous study.

Conclusion: Combining it with other acne scars therapy can give better outcomes especially in - rolling and box type of scars.

