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**Split face comparative study of efficacy of platelet rich plasma combined with microneedling versus microneedling alone in treatment of post acne scars**

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**A**cne scarring is often an unfortunate and permanent complication of acne vulgaris. It has high prevalence, significant impact on quality of life and therapeutic challenge. As a standard protocol, right side of the face was microneedling with PRP (Group A) and left side of microneedling alone (Group B). The patients were 1wk for any side effects. A total of four similar sittings at intervals of 4 weeks each.

**Results:** Mean age of patients was 25 years, 13 (43%) group A had excellent response as compared to 6 (2 in Group B

according to physician assessment satisfaction was more in Group A compared to 11(36%) patients had more than 75% improvement in compared to 1 (3%) patient in Group B

**Discussion:** Acne scars management is challenging for patients as well as for the treating physician. In our results, microneedling with PRP multiple sessions with results improving with time does not ensure 100% results. In group A skin appeared firmer and smoother. Hence PRP with microneedling is economical and more promising in acne scars with acceptance.

#### Biography

Sana Mariam Sankey has completed her Bachelor of Medicine and Bachelor of Surgery from Rajiv Gandhi University of Health Sciences and is pursuing her Masters in Dermatology from Kempegowda Institute of Medical Sciences. She has won the first place in the Torrent Young Scholar Award 2018 competition in the zonal category during the Seventh Derma Fest held at Bangalore. She has won the state level quiz CUTICON 2018 Mysore and also has been awarded as the best orator in the national quiz Torrent Young Scholar award 2018. She has presented posters and oral papers at State and National conferences.

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