
Ensaf M Abdel-magiud, Emad A Taha, Sohair K Sayed, Mohamed Makboul and Radwa bakr

Abstract:

The current study showed that the dermaroller was superior to the TCA CROSS (80%) in term of improvement of atrophic post acne scars as detected by photo evaluation (higher percentage of excellent improvement and percentage of improvement) and Goodman and Baron scale (higher percentage of patients having macular scars after treatment) however, no significant difference was detected as regard the patient satisfaction. We would recommend PCI over 80% TCA CROSS for treatment of rolling acne scars, PCI maybe more suitable for patients with a history of skin dyschromia because of a higher incidence of consequent postinflammatory hyperpigmentation with 80% TCA CROSS. TCA CROSS is better to be used in the treatment of ice pick acne scars where it is more suitable for patients who cannot tolerate pain, patients with fair skin, and patients with deep scars that cannot be fully reached with a dermaroller. In addition, it is less invasive and more economic modality especially in developing countries. More than one session is also recommended because greater improvement is achieved after multiple sessions with both techniques, especially PCI. Combining both procedures may have an even better response.

Keywords:

Acne scars- dermaroller- post acne scars- atrophic post acne scars

Published In:

Assiut Medical Journal , 39 , 111-121