



ACNE, ROSACEA, AND RELATED DISORDERS (INCLUDING HIDRADENITIS SUPPURATIVA)

THREADS IN ACNE SCARS

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The biostimulants polydioxanone (PDO) threads implants are a minimally invasive surgical technique used because of their ability to stimulate tissue regeneration through fibroblasts activation. Five patients with atrophic skin scars have been enrolled (mean age 29.4 year-old, 2 women and 3 men). They were treated with PDO absorbable threads. Patients had Fitzpatrick skin type ranging from II to IV. After 45 days we observed a clinical improvement (3 patients with Global Aesthetic Improvement Scale (GAIS) 3, and 2 patients with GAIS 2). At 6 months, clinical improvement was confirmed also by the use of reflectance confocal microscopy. We suggest this treatment for atrophic acne scars with an involvement less than 30% of the face area (box scars and rolling scars) or single acne scars. Further cases are needed to improve the experience but these preliminary results can suggest a useful tool in these patients.

