

P71: Suture Suspension Technique for Mid Face and Neck Rejuvenation

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INTRODUCTION: Several authors have described the option for surgical elevation of the mid face and neck rejuvenations with minimal incisions (1, 2, 3, 4, 5). The authors offer a new surgical technique for mid face and neck rejuvenation using transcutaneous suture suspension of the face and neck with Polypropylene – Bio absorbable cones with multiple point fixations.(Silhouette Lift®)

Purpose: The purpose of this study is to present this new surgical technique and to examine the efficacy of the suture suspension in the face and neck procedures.

METHODS: Anatomic study in fresh cadavers was used. Dissections were performed exposing the facial layer in relation with the suture position and efficacy and safety with the branches of the facial nerve were evaluated. The microscopic Illustrations showing fibrosis around the cones and knots support the action of the bioabsorbable cones with the surrounding lifted soft tissue. Four suspension points were used. Two at the Nasolabial fold, two at the commissure-mandible lines, all secure at the temporal fascia on top of 2X0.5 cm. polypropylene mesh.

The neck, rejuvenation procedure was done with and without the suction assisted Lipectomy. Two sutures with absorbable cones were directed from retroauricular incisions to the mid line of the neck.

The facial and neck procedures was performed in an out patient setting under local anesthesia and the length of the procedure is 20 to 30 minutes (Figure 1).

RESULTS: 18 surgical procedures in 16 patients with 6 months follow up were studied, 12 underwent mid face rejuvenations, 2 for facial palsy asymmetry, 3 for neck aesthetic procedure, 1 for brow ptosis and asymmetry. The suture lift provides anterior projections of the cheek, elevate the corner of the mouth and improve the jowls. The complications have been minimal temporary edema and typically patients can return to work in 3-4 days after surgery (Figure 2).

CONCLUSION: Suture suspension technique with polypropylene bio absorbable cones with multiple point fixations provide safe and aesthetically pleasing results with minimal downtime and patient satisfaction.

* ®: Trade mark for Silhouette Lift® Suture from Kolster Methods, Inc.

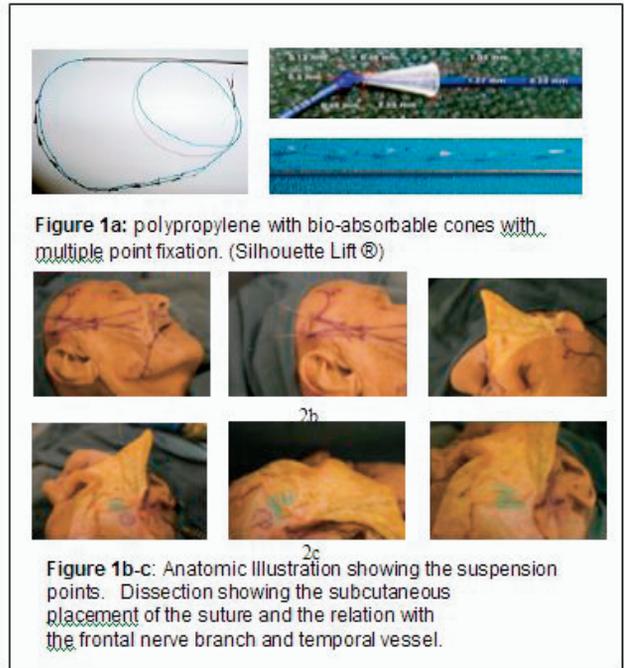


Figure 1.



Figure 2.

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