

# **MACS Facelift with FATS**

## **(Finger Assisted Tissue Separation)**

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# Abstract

- \* To address the volumetric loss in the face, both from atrophy and coagulation necrosis, some surgeons have begun fat grafting at the time of rhytidectomy.
- \* Hydroinfiltration of tumescent is used to provide a bloodless operative field and finger assisted tissue separation (FATS) is used to dissect the skin flaps with minimal use of cautery.

# Abstract

- \* Correction of facial aging with minimal access cranial suspension (MACS) technique has been shown to produce reliable results.
- \* Minimal down time and a similar complication rate to that of SMAS plication or SMASectomy facelift.

# Background

- \* Dissection with tissue separation with the use of finger dissection permits anatomic plane elevation.
- \* Traditional techniques using cautery to ensure hemostasis risk adipose coagulation necrosis. Results from tissue injury sustained from thermal injury can be seromas, tissue atrophy, fat necrosis, lumpy and irregular skin. Finger assisted tissue separation (FATS) in place of cautery dissection minimizes volume loss of delicate adipose tissue in the subcutaneous space.
- \* Due to tumescent, minimal cautery and no drain needed

# Results

- \* All patients were able to resume full activity by 2 weeks post surgery.
- \* 81 facelifts were performed with MACS facelift with finger assisted tissue separation (FATS).
- \* The mean age was  $57.1 \pm 8.3$  years old.
- \* The average surgery time for the surgery was  $118.1 \pm 10$  minutes with either general or intravenous sedation anesthesia.
- \* 80.3% of the time, concomitant neck liposuction was performed

# Summary

- \* The MACS facelift with limited cautery owing to the hydrodissection of the tumescent and the finger assisted tissue separation (FATS) maximizes tissue redistribution without inducing thermal injury and adipose tissue destruction.
- \* No DRAIN needed
- \* Keeping retaining ligaments in place allows for composite facelift; SMAS, retaining ligaments and skin move as a unit with MACS Facelift with FATS.

# Conclusion

- \* MACS Facelift with FATS preserves the natural fat and repositions it.
- \* Fat grafting is not needed to build up the malar eminence to achieve an aesthetic Ogee appearance.
- \* Return to normal activities within 1-2 weeks
- \* No DRAIN needed