



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

THE USE OF HYALURONIC ACID FILLERS IN UNDEREYE REJUVENATION

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Background: The periorbital complex is an important component of facial beauty and non-verbal communication. The periorbital area is often the first facial area to show visible signs of aging. Rhytides, skin laxity, pigmentation, fat prolapse are some of the common changes that are seen due to soft-tissue atrophy and bone loss in the aging face. A tear trough deformity and undereye dark circles is a major concern among Indians, both young and old. All of these can give the patient a fatigued appearance, and it may not improve with cosmetic camouflage.

Objective: Hyaluronic acid fillers can be injected into the undereye tissues to provide rejuvenation. We present a series of patients both male and female, seeking rejuvenation in the undereye area; who were treated with hyaluronic acid fillers.

Material & methods: This is an open label, non-blinded retrospective study. 20 patients both men and women were treated with different brands of hyaluronic acid fillers. The fillers were injected with 30G or 27G needles or 27G or 25G cannulas or both. In some patients the midface area was treated previously or in the same session.

Results: There was a significant improvement in the undereye area with a reduction in darkness, rhytides, laxity and visibility of undereye bags. Patient satisfaction was high. Common side-effects seen were swelling, erythema, bruising, and bumps. Most of the side-effects were transient and resolved within 10 days of the treatment. Hyaluronidase was locally injected into persistent bumps, and they resolved with no sequelae. Results were long-lasting.

Conclusion: Hyaluronic acid fillers are very useful in the rejuvenation of the undereye area, with great aesthetic impact and high patient satisfaction.

