



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

COMPLICATION DUE TO HYALURONIC ACID FILLER

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Background: Use of dermal fillers for soft tissue augmentation has become an integral part of aesthetic practices. Dermal fillers temporarily remove the appearance of rhytids and reduce the depth of skin folds. Even with the most experienced of injectors, adverse effects can and do occur ranging from mild bruising to severe injection necrosis. Physicians should be able to treat the severe complication of vascular necrosis and detect impending necrosis after injection of a dermal filler, especially with hyaluronic acid fillers.

Observation: A 50 year old women is admitted in our clinic 90 minutes after the injection in another clinic by non- medical personal, with striking pattern of patchy cutaneous erythema and reticulated foci in the distribution of the angular artery. The patient was treated as a vascular necrosis. We follow up until healing of the wound.

Key message: Early recognition of vascular necrosis with specific protocol for treatment after injection necrosis with hyaluronic acid fillers improves the outcome of wound healing. We give a useful algorithm for the treatment of this complication.

