

The Aesthetic Complications Expert Group protocol for the management of visual loss secondary to cosmetic filler injection

MANAGEMENT AT SPECIALIST EYE UNIT

Review medical information and reassess patient, look for cerebral involvement
DO NOT ALLOW INVESTIGATIONS TO INTERFERE WITH STARTING TREATMENT

REDUCE INTRAOCULAR PRESSURE INCREASE RETINAL BLOOD FLOW

Acetazolamide 500mg IV
Mannitol 20% IV infusion (100mls over 30 minutes)
Consider anterior chamber paracentesis

PREVENT FURTHER THROMBUS FORMATION

Enoxaparin SC or Heparin IV

DISSOLVE HYALURONIC ACID

Trans-orbital approach allows more direct route to ophthalmic circulation
Administer Hyaluronidase 450-1500 units in 1-2mls of saline

JUDICIOUS USE OF ANTIBIOTICS TO PREVENT INFECTION

OTHER OPTIONS THAT HAVE BEEN REPORTED IN THE LITERATURE

Dexamethasone IV
Prostaglandin E1 IV
Hyperbaric oxygen



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