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Under eye filler practices as under eye hollows and dark circles treatment

Seyda Atabay
Private Clinic, Turkey

Periorbital area is the most frequently-used area of contact in our social lives, especially bilateral relations. It reflects our tiredness and calmness. The changes in our frame with age, metabolism, environment and nutrition are seen in this area the most. Eye and periorbital area shows the age, health and mental state of a person clearly. In the treatment of hollows and dark circles under the eye, cold application, mesotherapy, PRP, external cream and filler applications are applied. We carried out under eye hyaluronic acid filler on the patients who consulted to our clinic with complaint of hollows and dark circles under eye between March 2014 and October 2016. We used cannula and needle techniques. Firstly, under eye area was deodorized with antiseptic in a sterile way. After orbital margin was palpated, hyaluronic acid filler was injected over the periosteum with deep application and with the attempt of needle it was arrived to the area with two or three separate entrances. In the usage of cannula, the filler was performed by applying only one skin entrance. Before every application, extra attention was showed by withdrawing the injector in order to avoid intravascular treatment. Patients were warned and control appointments for 15 days later were given. In the control, patients who need more filler were touched up. Hyaluronic acid is a polysaccharide that is found in human body and in many other living beings naturally. Fifty percent of hyaluronic acid created by the body occurs in epidermis. It is the most favorite filler substance since it has homogeneous distribution, could be removed from the body entirely and with few side effects. Hyaluronic acid in under eye is a type of filler which was developed for especially that area to reduce and remove the problems. Also it shows many differences from normal fillers with its context. Besides having cross link and half cross link context, this filler has 8 amino acids, 3 antioxidant, a zinc, a copper and vitamin B6, so it eases the application by providing skin reconstruction and anesthesia to the area and it gives comfort to the patient. The procedure of hyaluronic acid filler is an alternative treatment in the patients who have dark circles and hollows under eye. The procedure with cannula technique is safer for the patient's satisfaction and risks of application, but this technique should be done by experienced doctors. When it is carried out with proper patient choice and accurate technique, results will be satisfactory for patient and doctor.

Biography

Seyda Atabay has completed her education from Ege University of Medicine in the year 2002. From 2002-2008, she completed her Ophthalmology studies and has been working as an Eye Disease and Surgery Specialist at the Izmir Ataturk Education and Research Hospital. She has experience in eye cataract surgery, excimer laser and eyelid defects, and blepharoplasty. She has many published papers and has also attended many conferences and symposiums. She is a member of Turkish Ophthalmology Association, American Academy of Ophthalmology, The European Academy of Facial Plastic Surgery and Izmir Medical Chamber and Facial Plastic Surgery Association.

seydaatabay2015@gmail.com

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