

## 4<sup>th</sup> International conference on PLASTIC SURGERY AND AESTHETIC PRACTICES

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### Filler Migration to the Orbit

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**Background:** Dermal filler injections continue to grow in popularity as a method of facial rejuvenation. With this increase in the number of injections, comes an increasing number of types of filler-related complications.

**Objective:** We report a series of cases where dermal filler injected in the face migrated to the orbit. Treatment methods and possible mechanisms of this newly reported complication are discussed.

**Methods:** A retrospective, multi-center analysis was performed on patients with dermal filler migration to the orbit after facial filler injections.

**Results:** Seven patients presented with orbital symptoms after filler injection, and were subsequently found to have dermal filler in the orbit. There were six females and one male, with an age range of 45-64. Four out of seven patients underwent orbitotomy surgery, one patient underwent lacrimal surgery, one patient had strabismus surgery and one patient was treated with hyaluronidase injections. All patients have remained stable postoperatively.

**Conclusion:** Orbital complications secondary to migrated filler may occur long after the initial procedure. Since the site of the complication is distant from the injection site, patients and physicians may not immediately make the connection. Furthermore, this may lead to unnecessary examinations and a delay in diagnosis while looking for standard orbital processes. Thus, dermal fillers should be considered in the differential diagnosis of patients presenting with a new onset orbital process.

### Biography

Shirin Hamed Azzam is an Oculoplastic adnexal consultant at Baruch Padeh Poriya hospital. She was graduated from Technion Institute and performed her Ophthalmology residency at Emek medical center. Later, she did an Oculoplastic fellowship at Moorfields eye hospital in London. During the fellowship, she worked with well known Oculoplastic surgeons- Jimmy Uddin, David Verity, Geoffrey Rose. Her clinical and surgical fields of interest are Eyelids, Lacrimal and Orbit diseases and Esthetics. She published Oculoplastic papers in well known journals including books and presented in international conferences. Moreover, she is a member of several Israeli and European Ophthalmology societies and academies.

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