

Soft tissue augmentation of the face using different types of fillers has been increased tremendously in the last years. Many adverse effects has been reported after the use of the permanent type of fillers. Most of these adverse effects are permanent and can cause medical and psychological impact on the patients.

The aim of this study is to evaluate the long term adverse effects and influencing Factors of the permanent fillers injected in the face and the possible ways used to treat them. it is a prospective study of 42 patients who presented with delayed-onset adverse effects after injection of polyacrylamide hydrogel (PAAG) or Boldenone Undecylenate as a permanent fillers in the face.

Many adverse effects would appear long after the injection of the permanent fillers in the face. Some of the adverse effects are permanent and can cause severe psychological disturbances. Only little can be done to treat such complications. The adverse effects were grouped into four groups, Four patients presented with severe inflammatory reactions. Twenty seven patients had multiple nodules. Five patients had asymmetry in their faces. other patients were suffering from hard masses in their checks. Aspiration was done for some of the hard masses. Drainage was done for the inflammatory cases. Removal of the nodules was done for two cases and some were injected with triminilone acetate. Temporary fillers were used to correct the patients with asymmetries, Fat injection was not successful to treat the asymmetries. The use of threads , fillers and PRP act as a trigger to the inflammatory reaction in some of these patients.