

Dentistry Congress 2019: Success in the use of hyaluronic acid in the orofacial harmonization: A case report - Andrade Gomes Shimazu Cristiane - Unifatea

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Injectable soft tissue filler procedures are becoming increasingly important for rejuvenating the aging face. Hyaluronic acid (HA) is one of the substances used as natural dermal fillers that appear in the body naturally, but disappears with aging. Such fillers are physiological (non-carcinogenic and non-teratogenic).

They are in fact temporary, but safer to use. Among the wide range of techniques for correction of aesthetic nasal defects, one of them has been gaining emphasis, non-surgical rhinoplasty with dermal filler of HA. The dermal filler of HA presents a promising alternative due to its ease of application, intimacy with tissue, efficacy and safety to the body of the patient. The gold standard surgical technique for nasal defects is traumatic, postoperative painful procedure, and which is away from the patients usual activities. The aim of this study was to show a clinic case of success using HA in the treatment of aesthetic nasal defects. Treatment area should be cleaned with 70% alcohol and aseptic conditions maintained during the

injection. Local anesthesia may be offered for increased treatment comfort.

It was done by Restylane, Restylane Lidocaine, Restylane Perlane (Sweden) for the majority of nasal treatments. Nasal reshaping was done with 1 mL Restylane Perlane, injected intradermally into the nasal tip (0.15 ml), 0.20 ml in the nasal septum, in the anterior nasal spine supraperiostally (0.20 ml) and intradermally and supraperiostally in the dorsum (0.25 ml) with a sharp 29-G needle.

The procedure was concluded with the injection of HA in the nasolabial fold upper lips (another syringe of Restylane was done-1 ml). Important anatomical considerations include the superficial vascular network and the potential risk of intravascular injections. Serious complications such as blindness and facial skin necrosis, have been reported after HA injection in the nasal and periorbital region.