

## Success in the use of hyaluronic acid in the orofacial harmonization: A case report

Andrade Gomes Shimazu Cristiane

*Dentist, Unifatea, Brazil*

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### Abstract

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 patient's 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.

### Biography:

Andrade Gomes Shimazu Cristiane is a Dentist. She is Member of the Brazilian Association of Dentistry (ABO), Member of Paulista Association of Dental Surgeons (APCD) and member of Brazilian Association of Botulism Toxin and Facial Implants (SBTI). Her expertise in Orofacial Harmonization is considered very well. She has obtained her Postgraduation degree in Human Anatomy at University of São Paulo in 2003; Master Degree in Biomechanical Engineering at University of the State of São Paulo in 2005 and PhD in Materials Engineering at the same University in 2010. She is a Professor at UNIFATEA in Orofacial Harmonization from 2018 until nowadays.