

INTRODUCTION

Injectable treatments have revolutionized the field of facial aesthetics and have increasingly found applications in dentistry. In recent years, the use of injectable treatments has revolutionized the field by offering minimally invasive solutions to enhance facial harmony and rejuvenate the perioral region.

These treatments, which include dermal fillers and neurotoxins, have shown promising results in improving smile aesthetics, correcting facial asymmetries, and providing overall facial rejuvenation.

This panel investigates how injectable treatments in dental procedures influence facial aesthetics. It highlights potential synergies, emphasizing benefits for both dental and facial beauty. Integrating injectables enables comprehensive results, addressing dental issues while enhancing overall facial appearance. The poster features a clinical case and relevant research, illustrating successful injectable integration in dental aesthetics. It provides dental professionals with evidence-based insights on injectables' efficacy in achieving natural-looking smile enhancements and balanced facial proportions.

CASE REPORT

A 39-year-old patient presented to the clinic with concerns about her facial aesthetics. Upon evaluation, tissue laxity, altered fat positioning, and changes in bony structures were noted, contributing to skin ptosis and subsequently accentuating the nasolabial fold, tear trough, and jowl.

A comprehensive treatment plan was proposed, involving the application of Botulinum Toxin ad facial fillers. The patient's main concern was the appearance of sagging skin and prominent facial lines, which were affecting her self-esteem. After thorough discussion and examination, the treatment plan aimed to address these concerns and rejuvenate the patient's facial features.



Figure 01: Facial assessment reveals indications of tissue laxity, shifts in fat distribution, and modifications in bony structures. These factors collectively contribute to skin sagging, accentuating the appearance of the nasolabial fold, tear trough, and jowl areas.



Figure 02: Selected Botulinum Toxin (Xeomin®) based on its lack of accessory clostridial toxins.

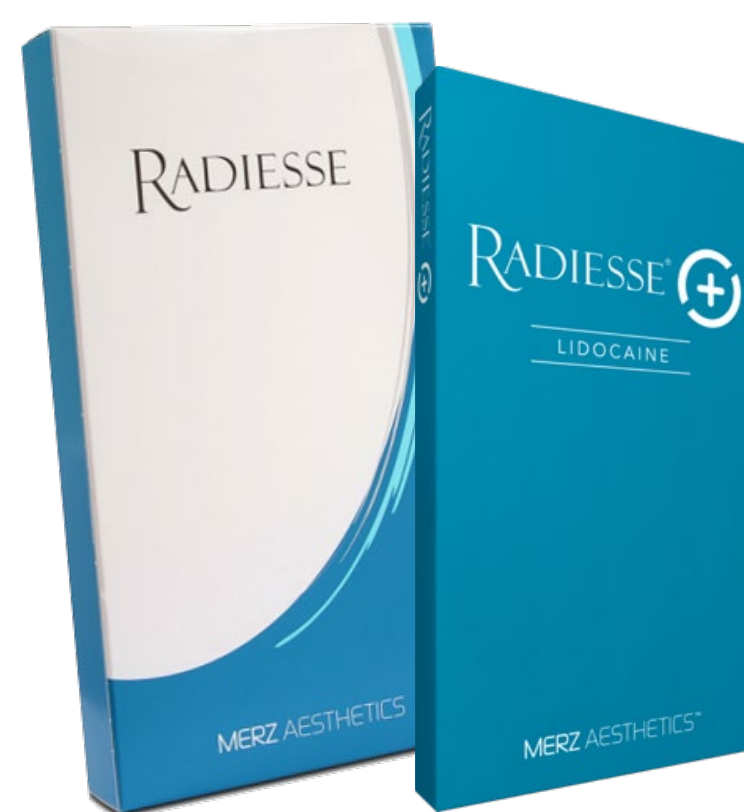


Figure 03: Calcium Hydroxylapatite. Lidocaine and Lidocaine-free versions (Radiesse®).



Figure 04: Hyaluronic Acid-Based Dermal Filler-CPM Technology with distinct reologic characteristics.

Dynamic Wrinkles / Neuromodulation Botulinum Toxin

•Xeomin®:

non-immunogenic
safer
faster results

- 30 units (forehead)
- 22 units (glabella)
- 19 units (orbicularis)

Sagging Collagen Bio-stimulators

- **Radiesse® Plus + Radiesse® Duo** (collagen, elastin, and proteoglycan stimulation).
- **Radiesse® Plus** (2 syringes)- Injection in the areas of zygomatic arch, mandibular angle, and pre-jowl (supraperiosteal layer). Mandibular contour (subcutaneous layer).
- **Radiesse® Duo** (1 syringe) - Diluted in 0.5 ml of lidocaine without vasoconstrictor + 1.0 ml of sterile saline solution (subcutaneous layer).

Tissue Volume Restoration Hyaluronic Acid Dermal Filler

- **Belotero®** (CPM technology)
- **Intense** - 1 ml (nasal dorsum and lips).
- **Balance** - 1 ml (lip contour and tear trough).
- **Volume** - 2 ml (nasolabial folds, marionette lines, and perioral area).



Figure 05- Treated areas with Xeomin®.

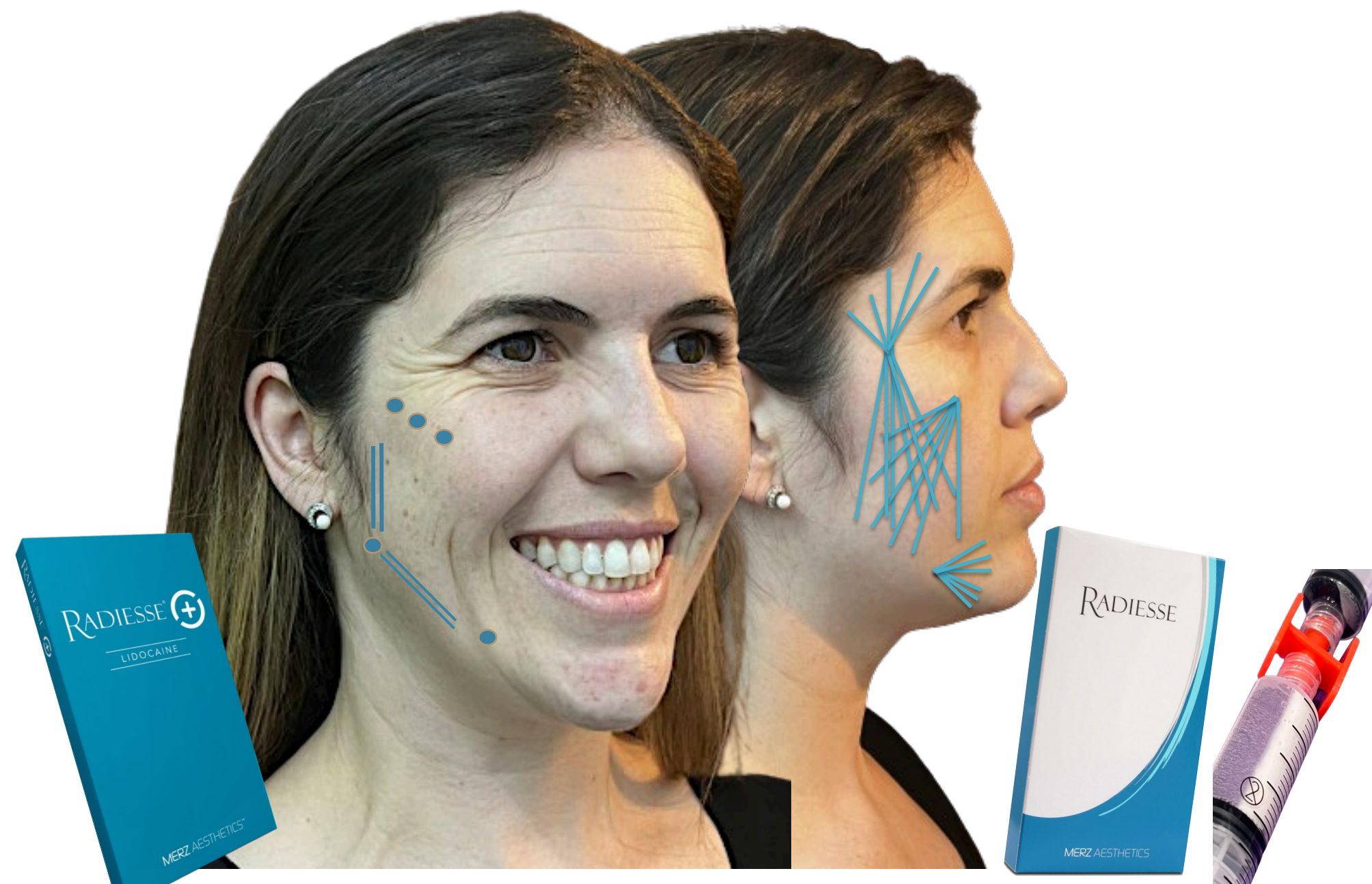


Figure 06: Treated areas with Radiesse® Lidocaine . **Figure 07:** Treated áreas with Radiesse® Duo.

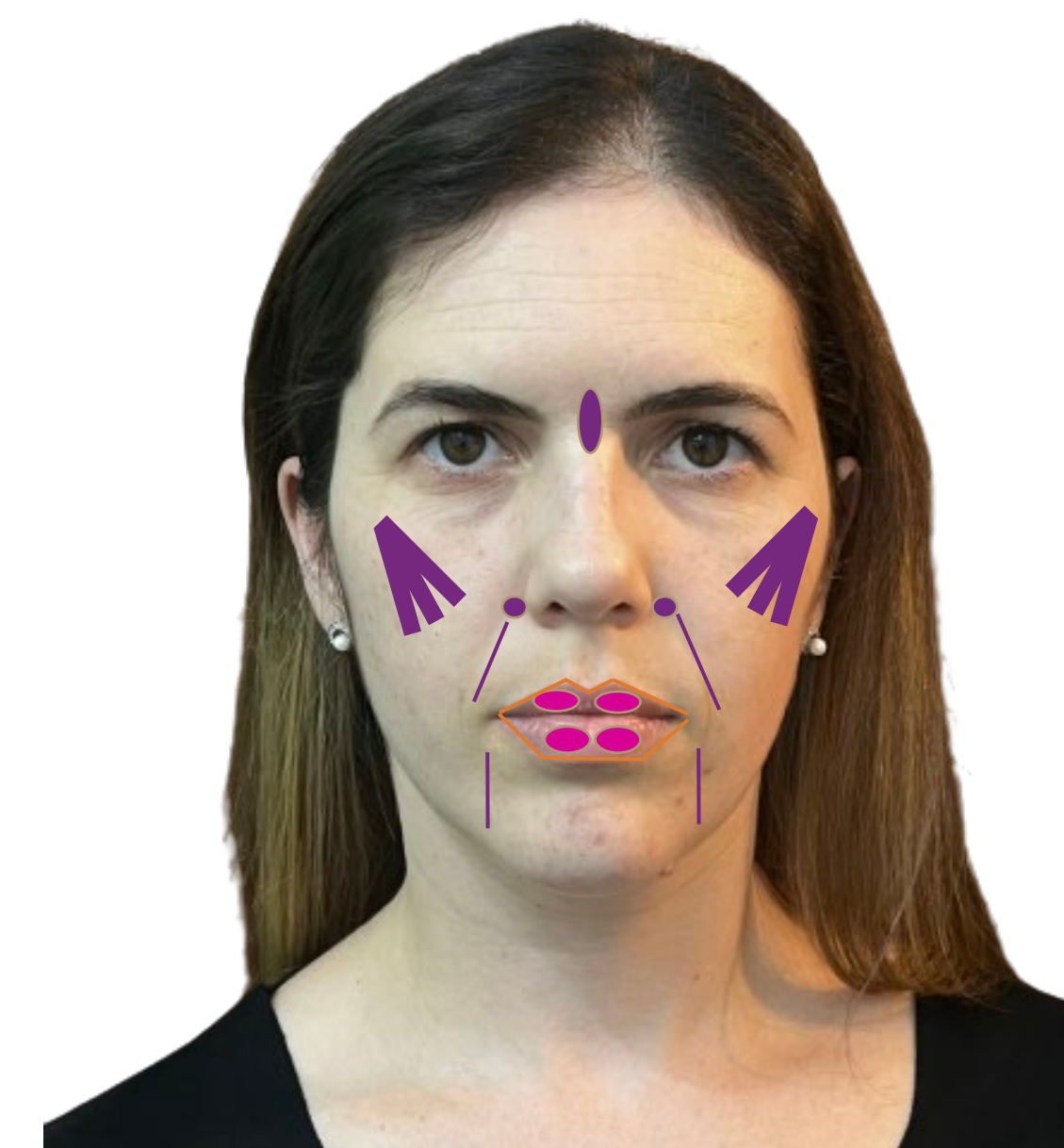


Figure 08: Treated areas with Belotero®- Hyaluronic Acid.

RESULTS



Figure 10: A) Before B) After – 15 days after



Figure 11: A) Before B) After – 45 days after



Figure 12: A) Before B) After – 15 days after



Figure 13: A) Before B) After – 45 days after

CONCLUSION

Through the analysis of the before and after photos, it can be verified that the application of botulinum toxin (Xeomin®) allowed achieving a balance of the facial mime muscles. Collagen Biostimulator (Radiesse®) applied both diluted and no diluted provided an improvement in skin quality and greater tissue firmness and Hyaluronic Acid (Belotero®) enabled volume gain in strategic areas and a refinement of the final result.

REFERENCES

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