

POSTER PRESENTATION ABSTRACT

ACOS24-P-004: Lower Face Contouring Using Hyaluronic Acid Filler and MD Codes: A Case Study on Non-surgical Correction of Chin Retrusion

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Chin retrusion is a lower face condition that attributes to poor jawline definition and facial imbalance. It has negative emotional impact including looking sad and reduced self-esteem. This case study explores the use of hyaluronic acid filler for lower face contouring in a patient with chin retrusion, employing the MD Codes technique developed by Dr. Mauricio de Maio. Objectives: The primary aim of the treatment was to improve chin projection and jawline contour, restore facial harmony, and enhance the patient's confidence. A key focus was on achieving these results with a safe technique, guided by a thorough understanding of the anatomy of the lower face, including bone structure, blood vessels, and nerve pathways. Methodology: A 34-year-old female with chin retrusion underwent treatment using hyaluronic acid filler. The applied MD Codes method were C1, C2, C6, Jw4, JW5 to target specific parts of mandible for chin projection and jawline contouring. A high G prime filler was injected using both needle and cannula technique to avoid critical structures of the mental foramen and facial artery, ensuring precision, safety and comfort. Results: The treatment produced significant improvements in chin projection and jawline definition, with enhanced facial symmetry. The patient reported improved self-confidence and satisfaction with the natural, balanced outcome. There were minimal side effects, limited to minor swelling. The use of MD Codes allowed for precise filler placement, enhancing the patient's aesthetic outcome while maintaining safety through anatomical knowledge. Filler with the right rheological property ensures outcome longevity. Conclusion: Hyaluronic acid filler treatment, guided by MD Codes and in-depth anatomical understanding, successfully addressed the physical and emotional concerns associated with chin retrusion. The procedure yielded a natural, aesthetically pleasing result with no complications.

Keywords: Chin retrusion, Hyaluronic acid filler