

SALVATORE PIERO FUNDARÒ

FACE FILLER

ANATOMICAL TABLES AND INJECTION TECHNIQUES

Presentation by Giovanni Salti



Officina Editoriale Oltarno

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Salvatore Piero Fundarò

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PRESENTATION



Salvatore Piero Fundarò, in addition to being a dear personal friend, is internationally recognized as one of the leading experts in aesthetic medicine and surgery. Dr. Fundarò has dedicated his entire professional career to the study and practice of infiltration techniques, refining injection methods and principles derived from his surgical training. He shares his vast experience and expertise with readers through this comprehensive guide.

This book was conceived as a detailed and thorough resource, specifically designed for professionals in the field of medical aesthetics. With a predominantly iconographic approach, it clearly and precisely illustrates various anatomical areas and their corresponding injection techniques. Each section is enriched with detailed images and accurate descriptions, providing a visual and technical analysis of the procedures discussed.

Readers will explore the most current and advanced techniques, grounded in a thorough understanding

of anatomical structures. From analyzing the treated areas to selecting the most appropriate tools and methodologies, this book serves as an indispensable resource for those striving to excel in aesthetic medicine and deliver natural, harmonious results for their patients.

Guided by the expertise within this text, practitioners will navigate the complexities of injection techniques and master methods that make a difference in daily clinical practice. This book is more than a collection of information – it is a valuable asset for anyone looking to deepen their knowledge and enhance their professional skills. Whether a beginner or an experienced practitioner, every reader will find in this text a trusted ally to elevate their practice and achieve the best outcomes for their patients.

*Giovanni Salti MD
President of Associazione Italiana
Terapia Estetica Botulino (A.I.T.E.B)*

INTRODUCTION

The FACE FILLER volume, with its anatomical tables for treatments using hyaluronic acid-based fillers, represents an exceptionally useful and ambitious editorial initiative within the medical-scientific field, offering significant potential to influence medical-aesthetic practice. While the text does not aim to be exhaustive on the subject, it seeks to emphasize the close correlation between the layered anatomy of the face and filler injection techniques.

The anatomical insights and strategic methodologies outlined in the book equip readers with the skills to plan treatments, evaluate injection techniques, and understand the practical and theoretical aspects of facial rejuvenation using dermal and volumizing fillers. This comprehensive approach is essential for achieving optimal results and minimizing the risk of complications.

The tables are complemented by videos of injection techniques and photos of clinical cases related to different facial regions. The volume provides a clear visualization of the anatomical structures involved in aesthetic treatments, such as blood vessels, nerves, and fat compartments, thereby facilitating more precise and safer treatment planning.

Furthermore, the anatomical-surgical approach, which involves a detailed understanding of the various anatomical planes, enables doctors to personalize treatments according to the unique characteristics of each patient, thereby enhancing effectiveness and minimizing risks.

The identification of the hyaluronic acid-based filler suited for each injection plan is determined using the rheological parameter of the elastic modulus (G'). While this parameter is not exhaustive in describing the overall rheological characteristics of the filler, it provides valuable insights into the "consistency" and "hardness" of the gel, as well as its volumizing capabilities. The text mentions six degrees of elasticity (G'): very low (or extremely low) G' , low G' , medium-low G' , medium G' , high G' , and very high G' .

The terminology used is intended to provide a useful reference for selecting the optimal filler based on individual needs and experiences. The goal of this work is to significantly raise safety standards and professionalism in aesthetic medicine, while promoting both innovation and continuous training. Enjoy your reading!



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Aesthetic Medicine (E.B.A.M.)*

INDEX

CHAPTER I	Forehead	7
CHAPTER II	Temple	15
CHAPTER III	Glabella	27
CHAPTER IV	Periorbital Area	33
CHAPTER V	Zygomatic - Malar Area	51
CHAPTER VI	Nose	69
CHAPTER VII	Nasolabial Fold	87
CHAPTER VIII	Lips	99
CHAPTER IX	Mandibular Profile and Chin	117
CHAPTER X	Lateral Region of the Face	131

fat (layer 5), in direct contact with the periosteum. Both this adipose compartment and the more superficial L-SOOF are delimited superiorly by the ORL and inferiorly by the zygomaticocutaneous ligament.

Caudal to the SOOF, posterior to the levator labii superioris muscle, is the **deep medial cheek fat (DMCF)** (5a). Still on the same anatomical plane, more laterally, behind the zygomaticus minor muscle, is the **deep lateral cheek fat (DLCF)** (5b). The medial septum of the cheek constitutes the border between these two compartments. Posterior to the levator labii superioris muscle and the ala of the nose, there is another anatomical space called the piriform space, which has a triangular shape and extends laterally to the ala of the nose and the lateral wall of the nose.

6. The final anatomical layer consists of the **periosteum** (layer 6), to which the tissues of layer 5 adhere.

The aging of the superficial fat compartments is typically characterized by a pronounced tendency for downward migration, as well as some degree of hypertrophy, due to the reduced retentive capacity of the retinacula cutis. In contrast, sub-SMAS fat compartments tend to exhibit volume reduction.

For this reason, hypotrophy in this region is more commonly treated at the level of the deep compartments through volume augmentation with fillers. Restoring volume in the deep compartments also facilitates cranial

repositioning of the superficial compartments by reestablishing the supportive function provided by the deeper structures.

SUBCUTANEOUS ADIPOSE TISSUE:

- 2a - INFRAORBITAL FAT (IF)
- 2b - SUPERFICIAL MEDIAL CHEEK FAT (SMCF)
- 2c - SUPERFICIAL NASOLABIAL FAT (SNLF)



DEEP FAT COMPARTMENTS:

- 4a - DEEP NASOLABIAL FAT (DNLF)
- 4b - MEDIAL SOOF (M-SOOF)
- 4c - LATERAL SOOF (L-SOOF)

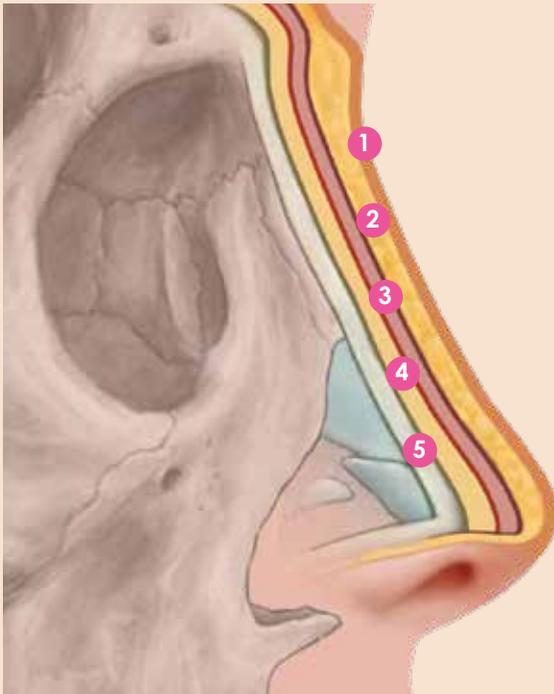
PREPERIOSTEAL FAT:

- 5a - DEEP MEDIAL CHEEK FAT (DMCF)
- 5b - DEEP LATERAL CHEEK FAT (DLCF)



NOSE

PRINCIPAL ANATOMICAL LAYERS



1. **Skin**
2. **Subcutaneous adipose tissue**
3. Fibromuscular layer: this consists of the **subcutaneous nasal muscular aponeurotic system (SMAS)** and the **nasal musculature**
4. **Deep adipose tissue**
5. **Periosteum and perichondrium**



TECHNIQUE
WITH NEEDLE
(FAN TECHNIQUE)

TECHNIQUE
WITH NEEDLE
(BOLUS TECHNIQUE)