

**PROFHILO®**

**NECK BIOREMODELING  
& BAP TECHNIQUE**



**TONE ELEVATION.**  
*Profhilo® on skin.*

EVERYONE IS A MASTERPIECE.



Caring Innovation

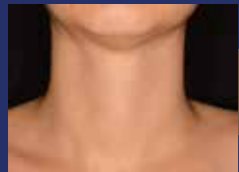
IBSA, in collaboration with its KOLs, has developed the BAP Neck Technique and the New IBSA Neck Laxity Scale.

## BAP TECHNIQUE:

- Provides reproducible and standardize points of injection
- Injections points chosen to avoid potential injuries to vital structures

## IBSA NECK LAXITY SCALE:

- Allows easily evaluation of patients' neck skin laxity grade
- Represents a support to explain expected results of aesthetic neck treatments



Grade 1



Grade 2



Grade 3



Grade 4



Grade 5

# NECK ANATOMY

must be considered with respect to the layers and the target.

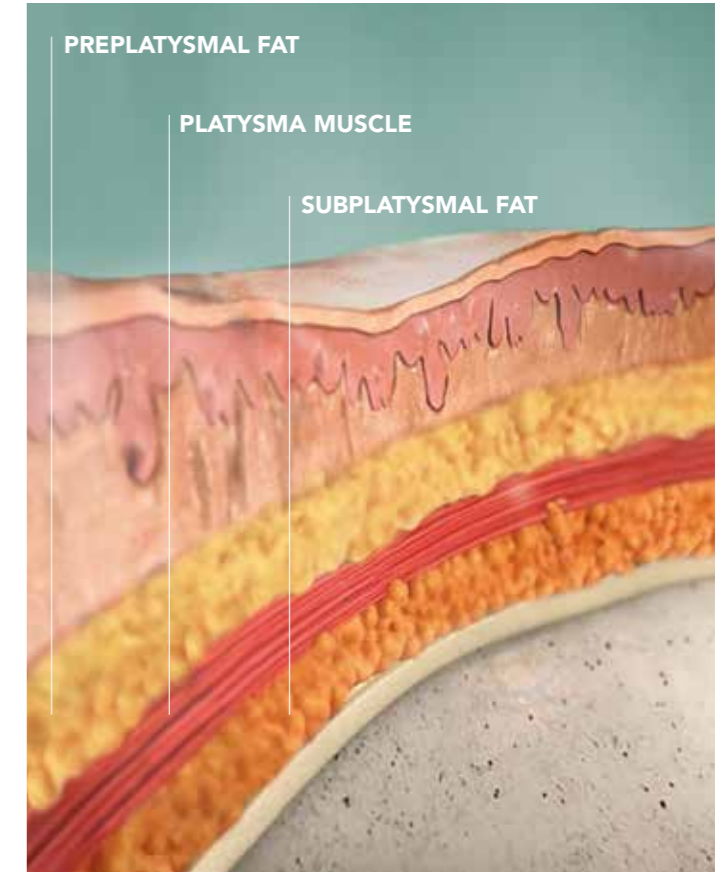
### LAYERS TO BE CONSIDERED

- Skin
- Preplatysmal fat (subcutaneous tissue)
- Platysma
- Subplatysmal fat

### STRUCTURES TO BE CONSIDERED:

- Jugular veins anterior/external (and to a lesser extent internal)
- Submandibular gland and thyroid
- Carotid artery
- Trachea and larynx

The thickness of the skin and preplatysmal fat varies between individuals and also changes with aging. The principle point of delivery of PROFHILO® is subdermal /subcutaneously and avoiding injection deep to the platysma. In a patient with a thin neck it is easy to inject subplatysmal – this would result in loss of activity due to incorrect placement of the product and importantly is of possible danger to the jugular veins and inadvertent intravenous embolization of PROFHILO®. Other subplatysmal structures (listed above) may also be damaged.



# IDENTIFYING THE 10 BAP INJECTION SITES:

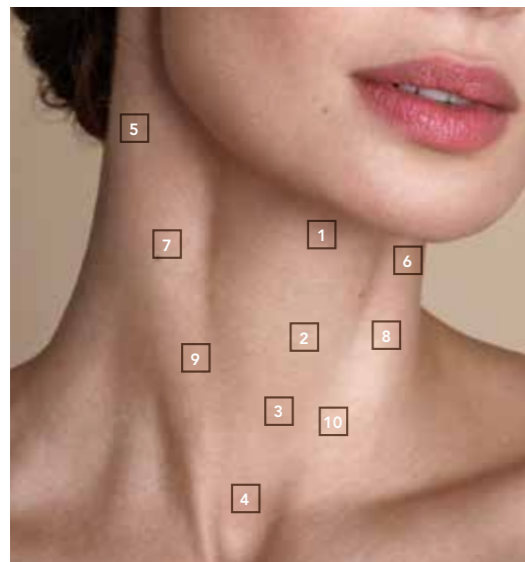
## STEP 1: Marking the neck

### Midline Indications:

Draw a line from the chin to the sternal notch.

### Lateral Indications:

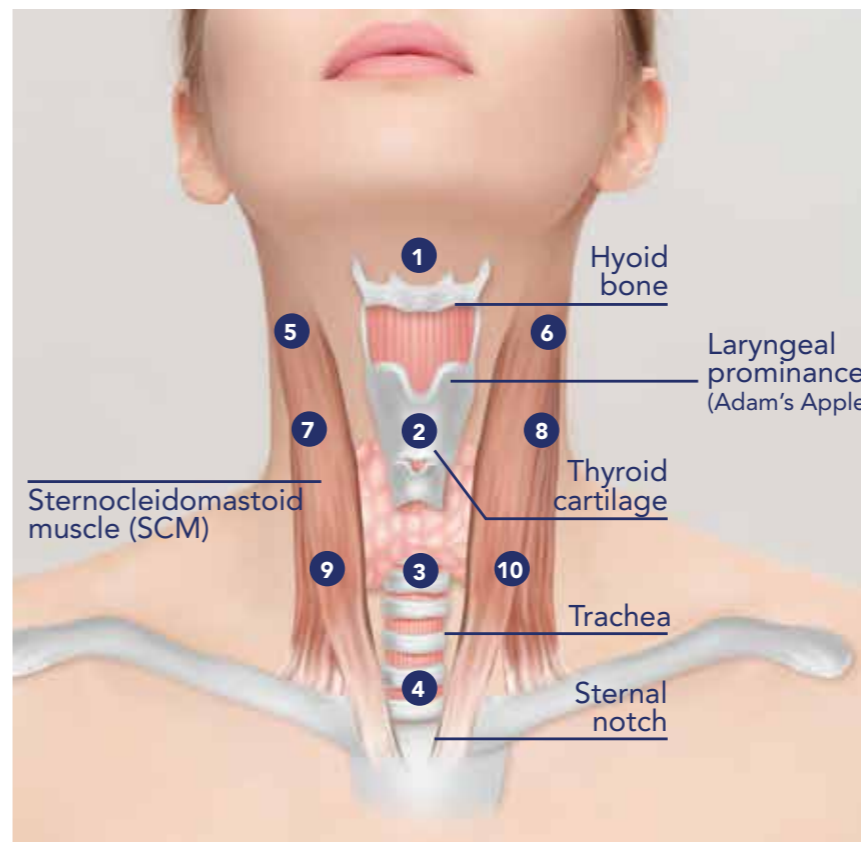
Draw a line from the medial border of sternocleidomastoid muscle (SCM) to the sternal notch on both sides of the neck.



## STEP 2: Marking the points

- 1 Midline between the submental border and hyoid bone
- 2 Midline between the apex of Adam's Apple and bottom of thyroid cartilage
- 3 Midline between the base of thyroid cartilage and sternal notch
- 4 Midline at the apex of sternal notch
- 5 6 Horizontal line with mandibular angle & 0.5 cm lateral to medial border of the SCM
- 7 8 Horizontal line between apex of Adams Apple and bottom of thyroid cartilage
- 9 10 Horizontal line between the base of thyroid cartilage and sternal notch

This image is for illustrative purposes only and is intended to convey the concept and vision of the Profhilo® BAP Neck Technique. Do not use this image as a sole reference to perform the treatment.



**STEP 3:** Inject 0.2 ml per bolus at the superficial subcutaneous layer

## INJECTION TECHNIQUE:

Pinch skin at injection point and inject transversely across the skin. Avoid approaching skin at 90 degrees and inadvertently injecting deep to platysma. Before injecting move needle to ensure point is subdermal / intradermal.

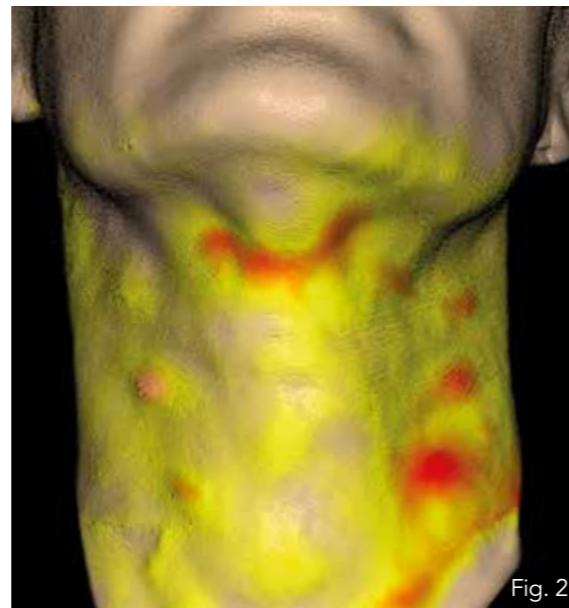
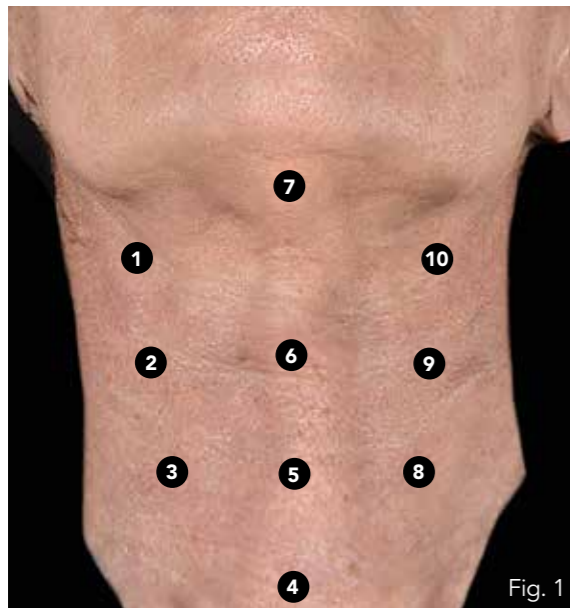
## PROTOCOL:

2 treatments with a 1 month interval, twice per year.\*

\*Number of treatments and product quantity depends on the degree of aging.

# PROFHILO® FLOWABILITY EVIDENCE BASED PERSPECTIVE

3D photos taken 15 minutes after the 10-point PROFHILO® BAP Neck Treatment using the 3D LIFEVIZ® Mini camera from Quantificare.



- Fig. 1 - Numbers indicate the order in which the injections were made.  
Fig. 2 - Visualization of volume changes using a color code in the QuantifiCare software suite.  
- Yellow indicates a positive change in volume from the 3D photo taken before treatment, confirming the spreadability of PROFHILO®.  
- Red indicates greater volume change in the points injected towards the end of the treatment.

Treatment performed by Dr. Antonello Tateo (Italy).

**BEFORE**



BASELINE

**AFTER**

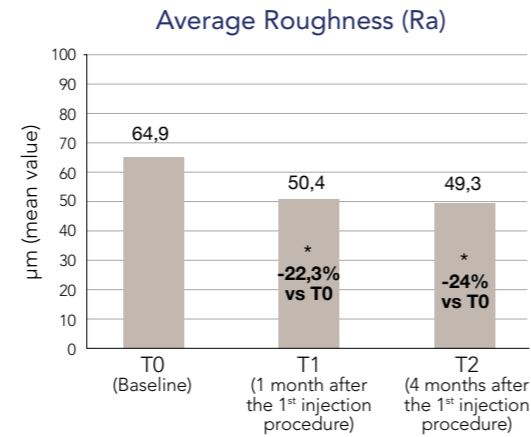
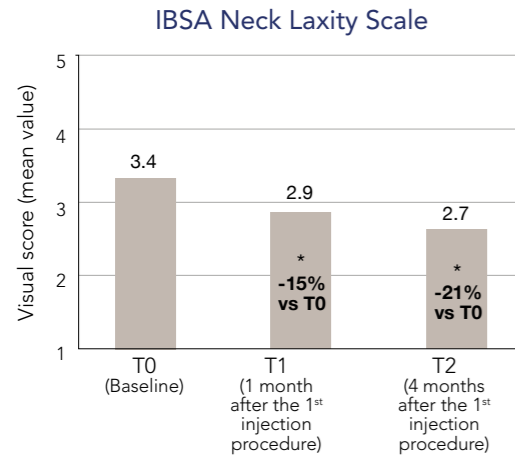


1 MONTH AFTER 2<sup>ND</sup> TREATMENT

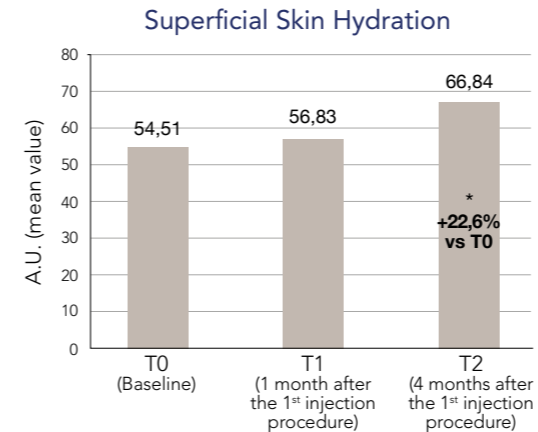
Courtesy of Dr. Hema Sundaram (USA) and Dr. Antonello Tateo (Italy)

# NECK STUDY RESULTS

65% improvement of AT LEAST 1 GRADE of IBSA Neck Laxity Scale<sup>1</sup>.



\* p<0,05 vs T0



\* p<0,05 vs T0

# PATIENTS EVALUATION

Table 1  
Self-evaluation of the efficacy of the treatment.

	% OF PATIENTS SATISFIED BY THE TREATMENT*
Improvement of skin roughness	87%
Improvement of skin laxity	92%
Silhouette remodeled and more defined	91%
Lifting effect	96%
Improvement of skin suppleness	96%
Improvement of skin smoothness	91%
Improvement of skin hydration	96%

<sup>1</sup>A. Sparavigna et Al. : Efficacy and Tolerability of Hybrid Complexes of High and Low Molecular Weight Hyaluronans Intradermal Injections for the Treatment of Skin Roughness and Laxity of the Neck. 2020 Submitted.

\*Sum of medium, marked and very marked judgements

# IBSA NECK LAXITY SCALE



Grade 1



Grade 2



Grade 3



Grade 4



Grade 5



Caring Innovation

# IBSA NECK LAXITY SCALE



Grade 1



Grade 2



## PROFHILO®


IS A MEDICAL DEVICE CLASS III AVAILABLE IN  
A 2 ML READY TO USE, STERILE, PRE-FILLED  
GLASS SYRINGE WITH 2 NEEDLES.

CE 0373

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