

- **Introduction:**
- **The Micro-Nano Rough DAE surface treatment speed up bone healing processes:**
- 1. Removes the manufacturing organic residuals along with Argon Plasma Cleaning
- 2. Smooths the edge and eliminates the micro-defects
- 3. Increases surface and wettability (hydrophilicity surface), improving the first fibrin bridges adhesion
- 4. Increases protein adhesion
- 5. Maximizes cellular adhesion through the Micro-Nano roughness suitable for actin filaments (phallopod) anchoring
- 6. Changes the Titanium surface chemical characteristics improving the biocompatibility and increasing the cellular proliferation and vitality
- **Surface topography and chemistry interact with the cellular differentiation processes**
- The implant surface uses the microtopography as a communication language with the host tissue cells. The Plasma Argon Cold Cleaning with a controlled-environment packaging at a strict protocol procedures, play a key-role in the control of adhered endotoxins (main immunological response player to implant surfaces).

GIACOMO TARQUINI, DDS

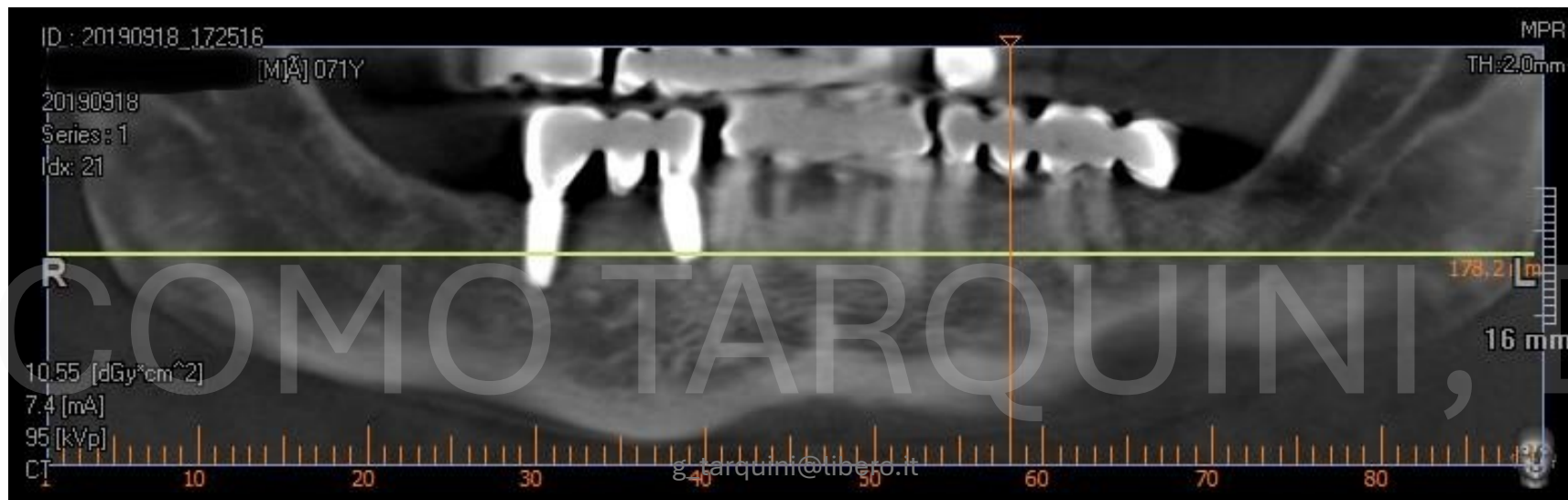
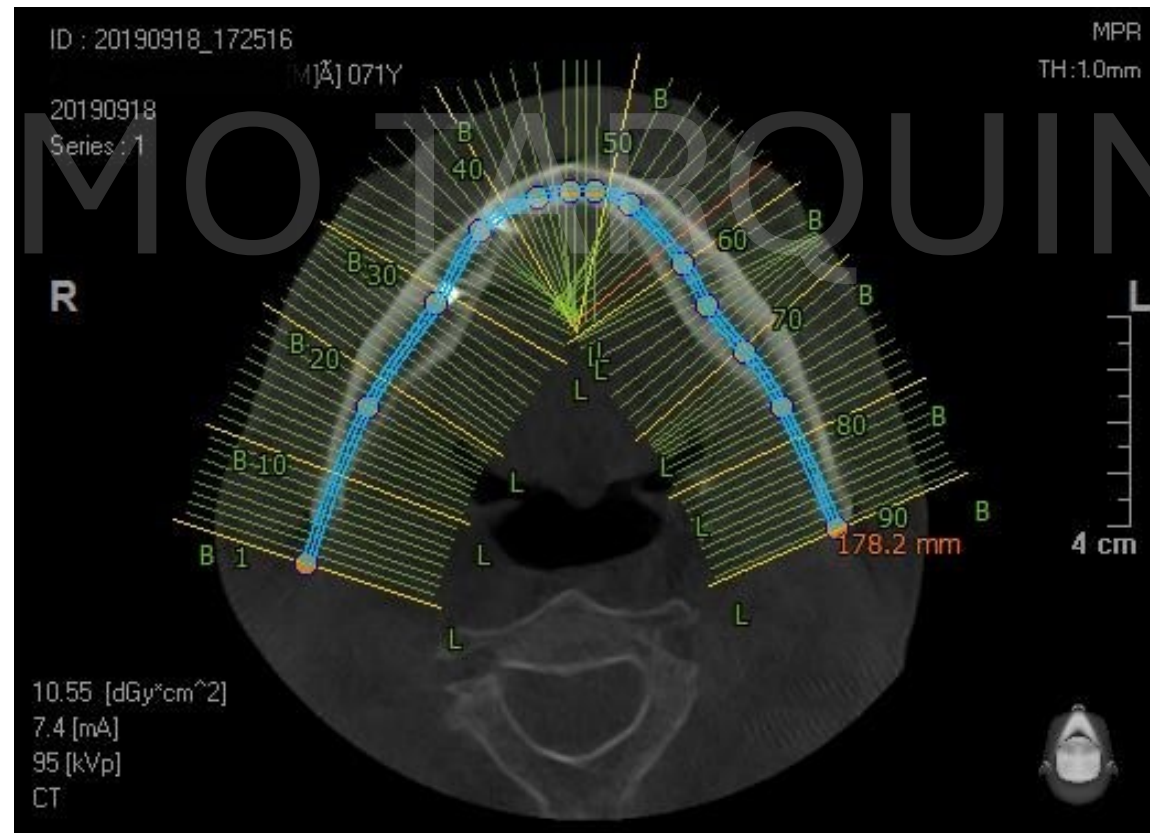


GIACOMO TARQUINI, DDS

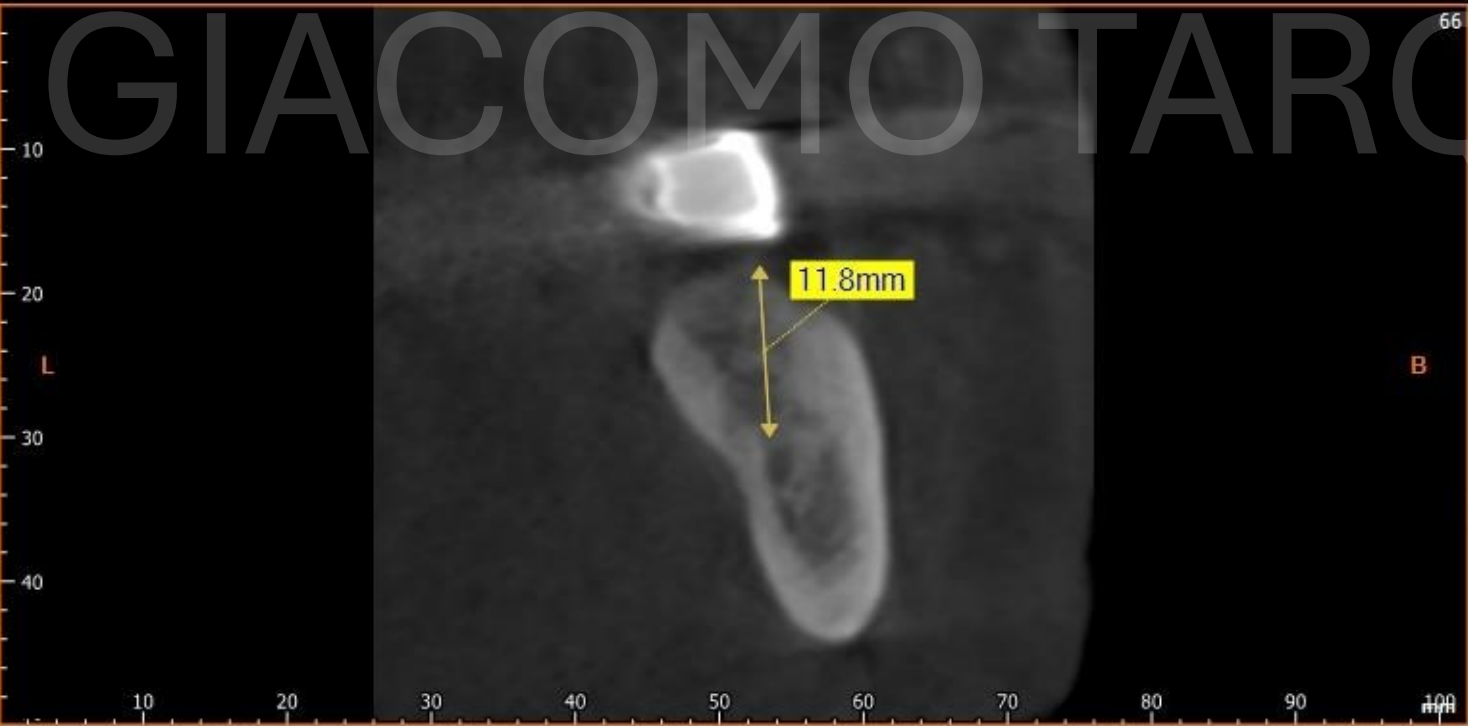
GIACOMO TARQUINI, DDS



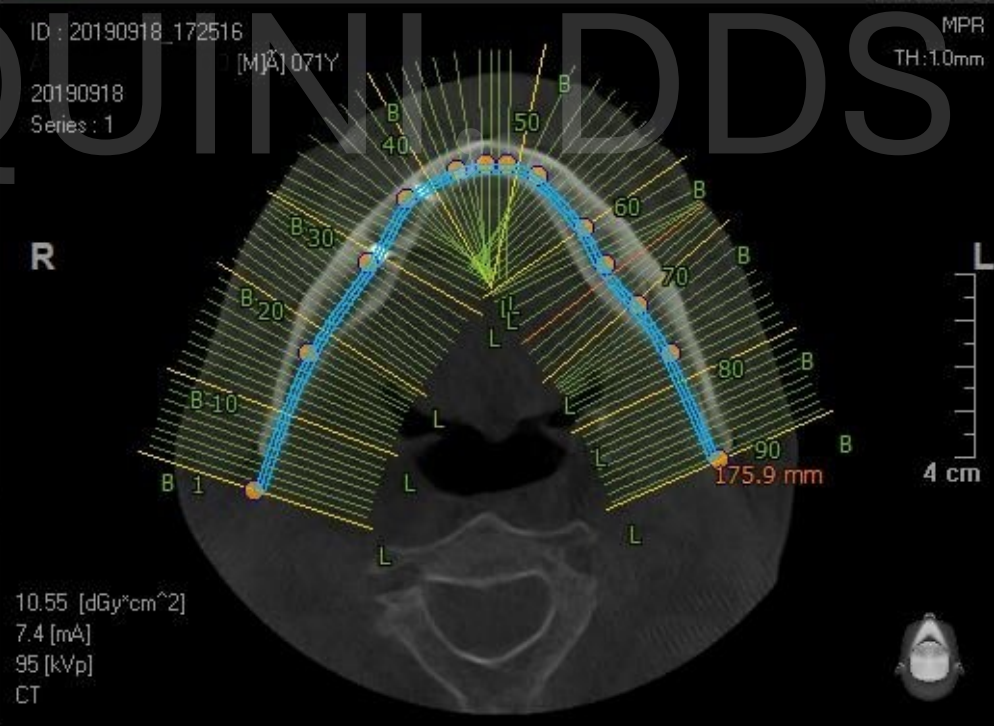
GIACOMO TARQUINI, DDS



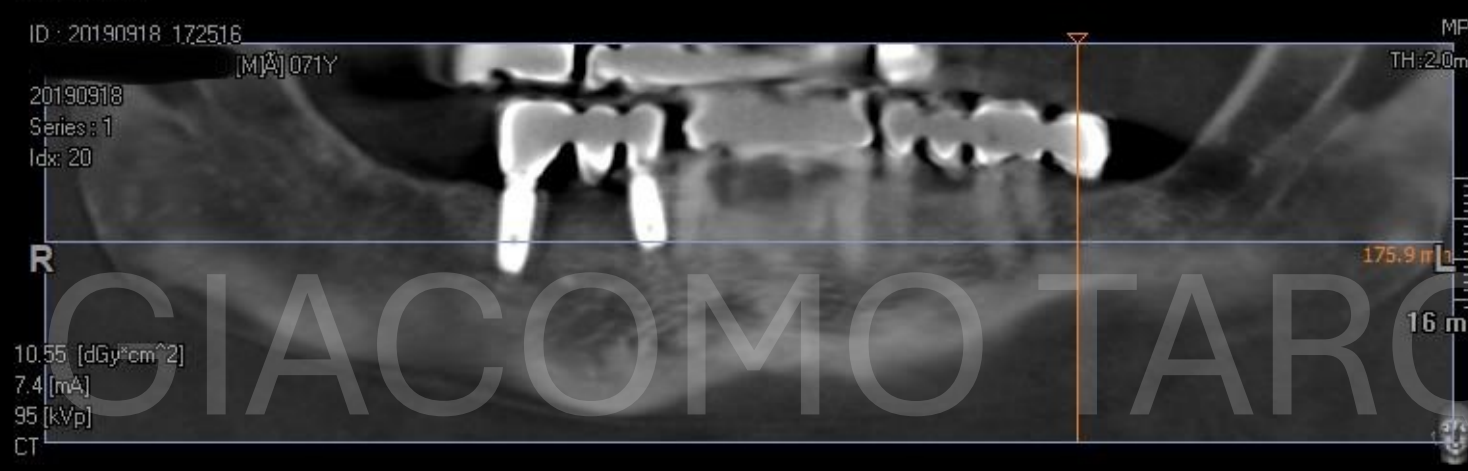
Sectional



Axial

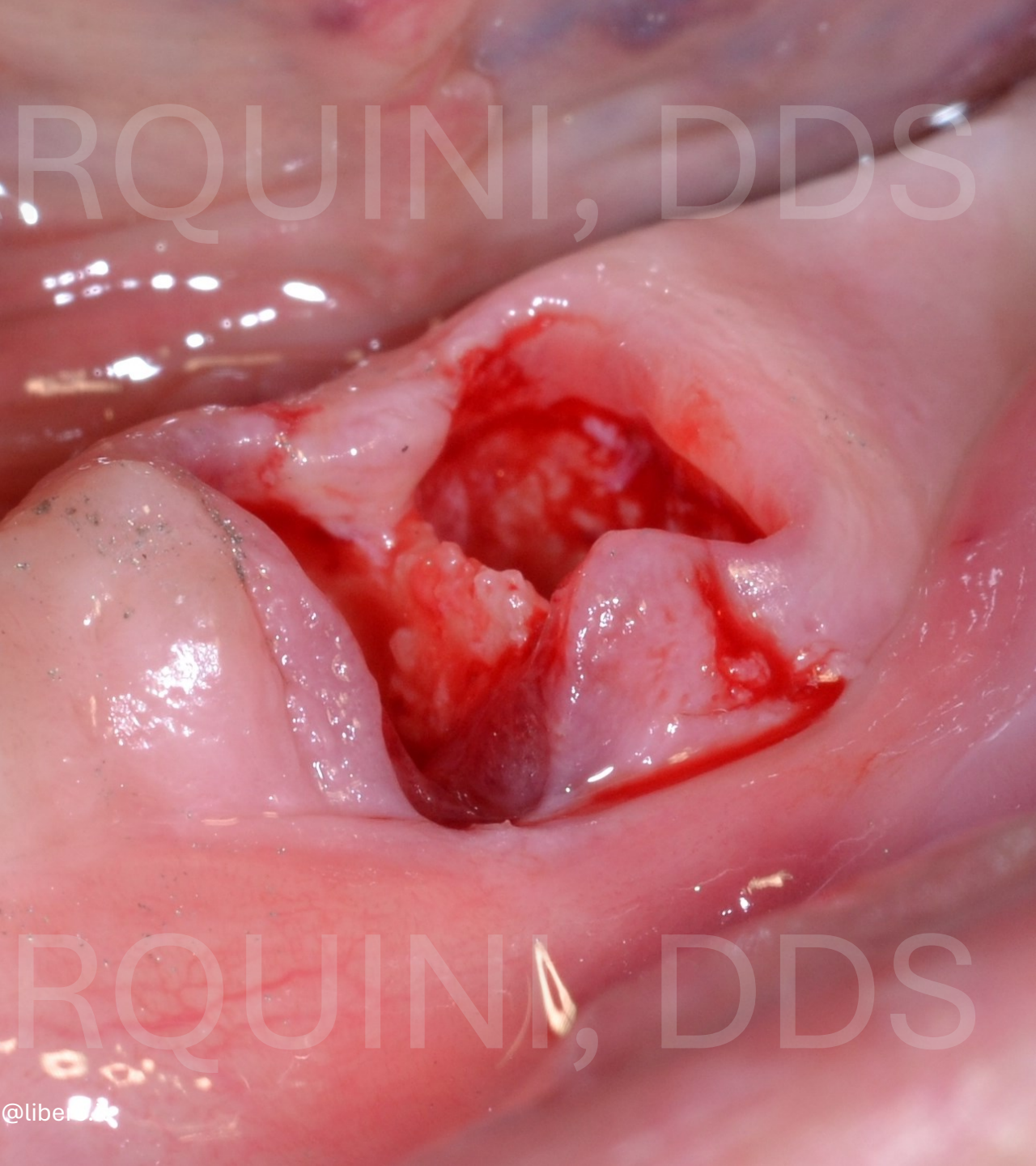


Panoramic



3D

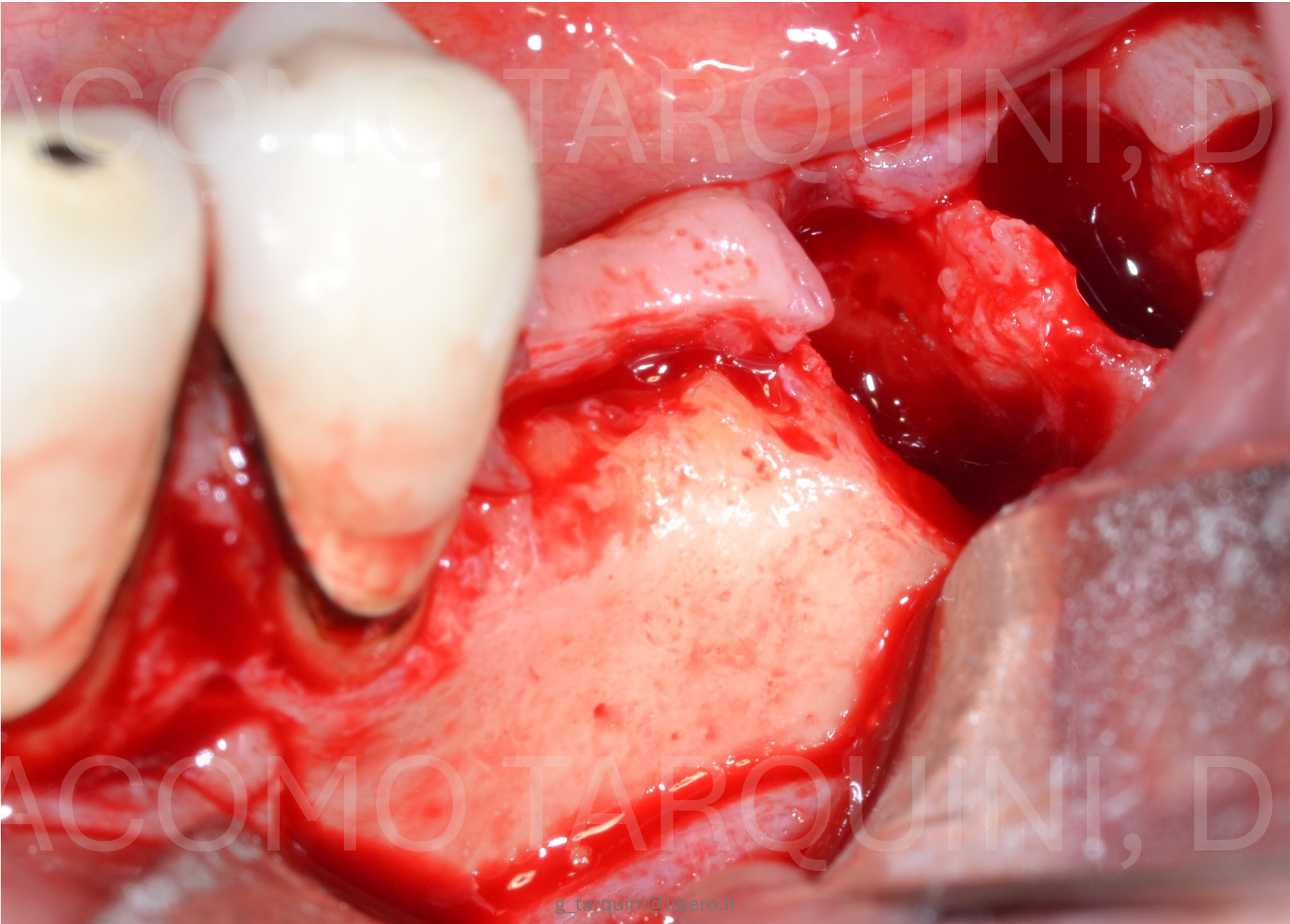




GIACOMO TARQUINI, DDS

GIACOMO TARQUINI, DDS

GIACOMO TARQUINI, DDS



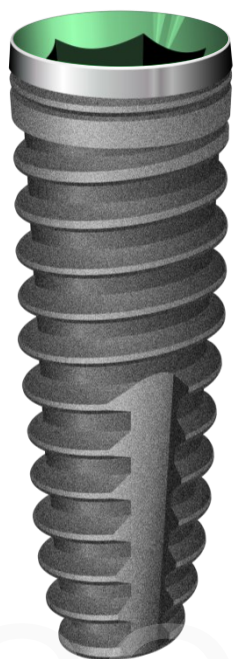
GIACOMO TARQUINI, DDS

# THE RESISTA'S IMPLANT LINE STRONG POINTS

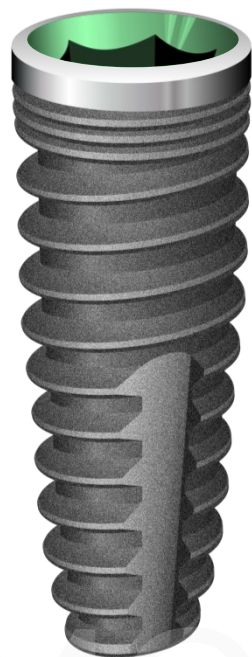
1. Macro Geometry: A vast range of implant shapes for different surgical needs (Cylinder, Tapered, Active, Short, Mini and Extra-Large)
2. Micro Geometry: Last Generation Differentiated Surface (Full, Half and Machined) treated (DAE Micro and Nano rough), decontaminated in Argon Cold Plasma Reactor.
3. Multifunctional Mounter: 4 components in a single article (Mounter, Transfer, Abutment and Mounter for Computer Guided Surgery) to maximize result and minimize costs.
4. Prosthetic Parts: A very wide range of prosthetic variants with 7/10 micron machining tolerances on the connection, with emerging curvilinear profiles, flat and conical connections, platform switching, golden titanium screws and PVD TiN coatings (more aesthetic and less retention of dental plaque).
5. Surgical Instruments: Surgical Drills 3-Tech, maximum efficiency, minimum trauma, smaller friction coefficient, PRO MSD technology for counterclockwise bone densifying application long, lasting resistance, perfect visibility of laser marking and surgical millimeters stop.

# INTERNAL HEXAGON

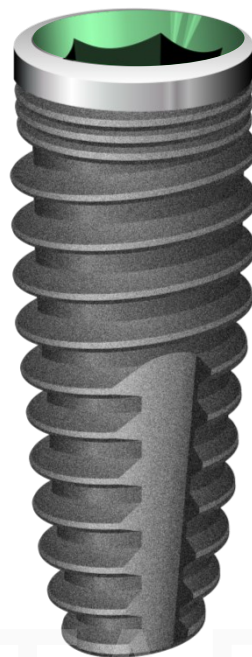
**K TAPERED FULL  
TREATMENT**



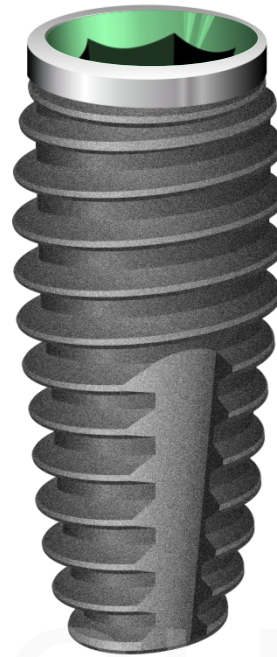
**3.4**



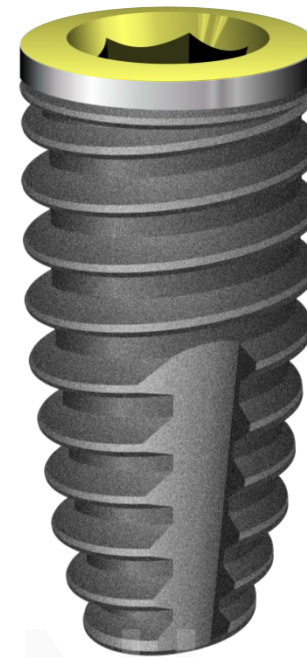
**3.8**



**4.2**



**4.6**



**5.0**



REF.

**W2-IK3408**

Ø 3.4 L.8.5

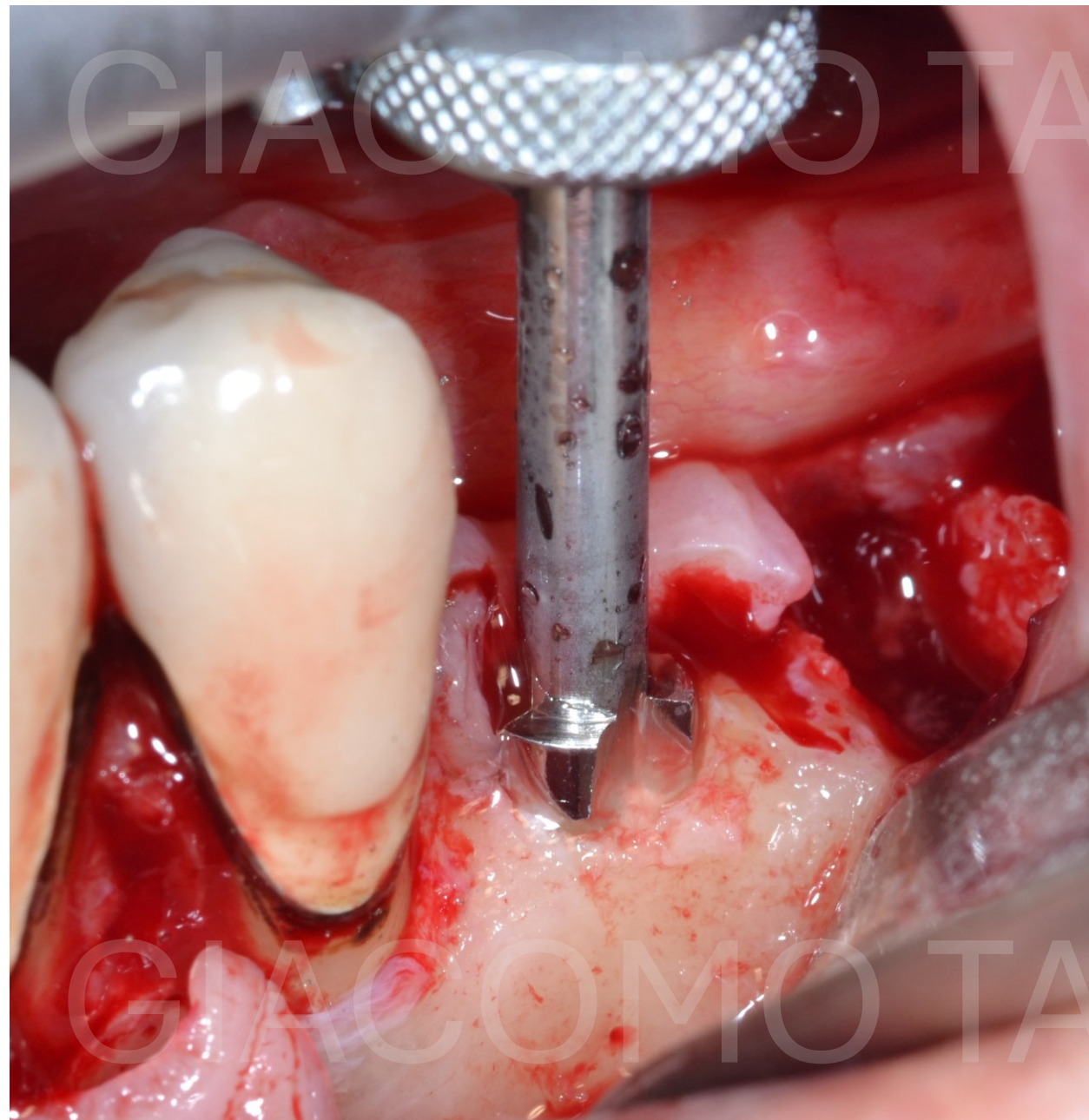


REF.

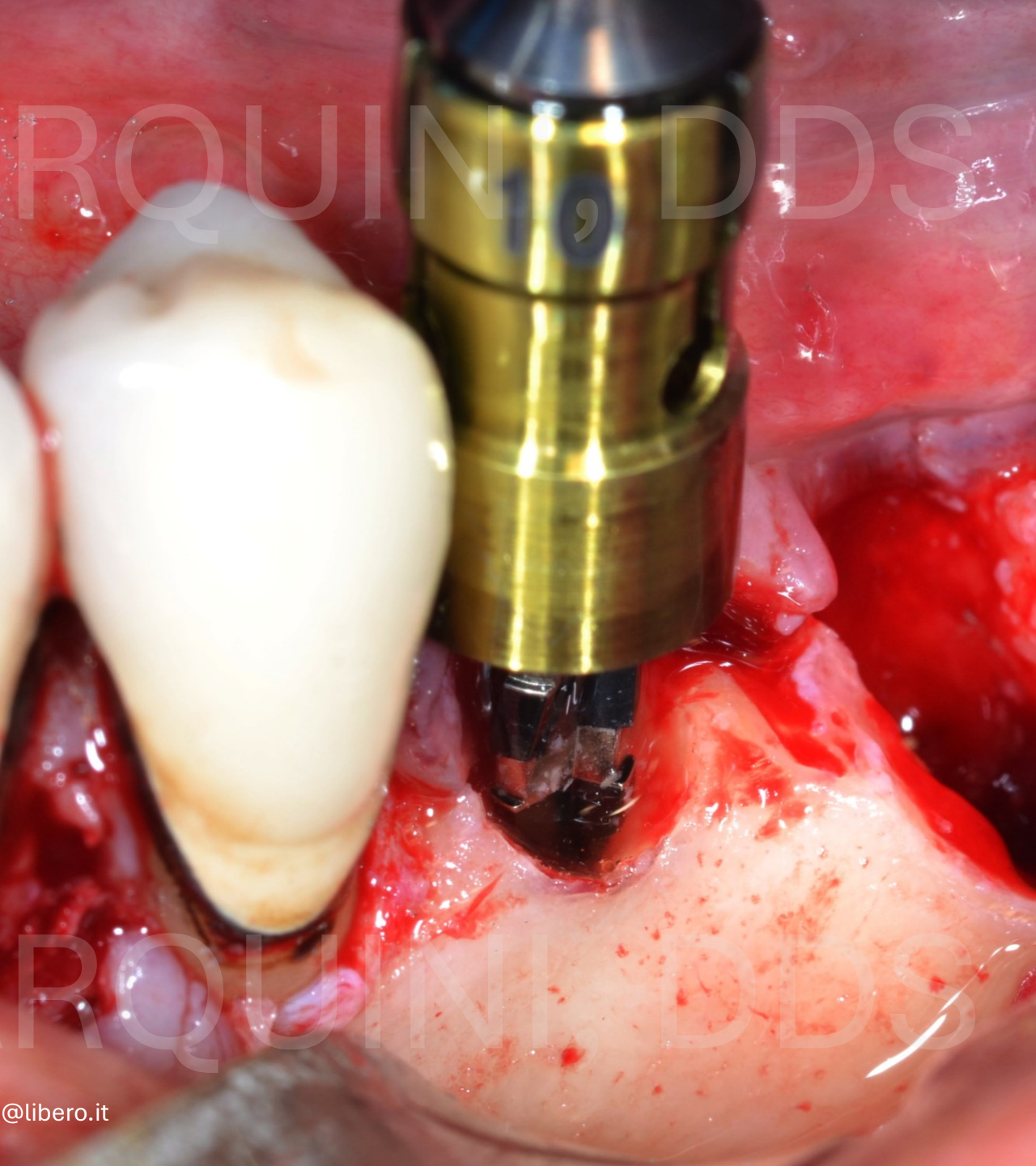
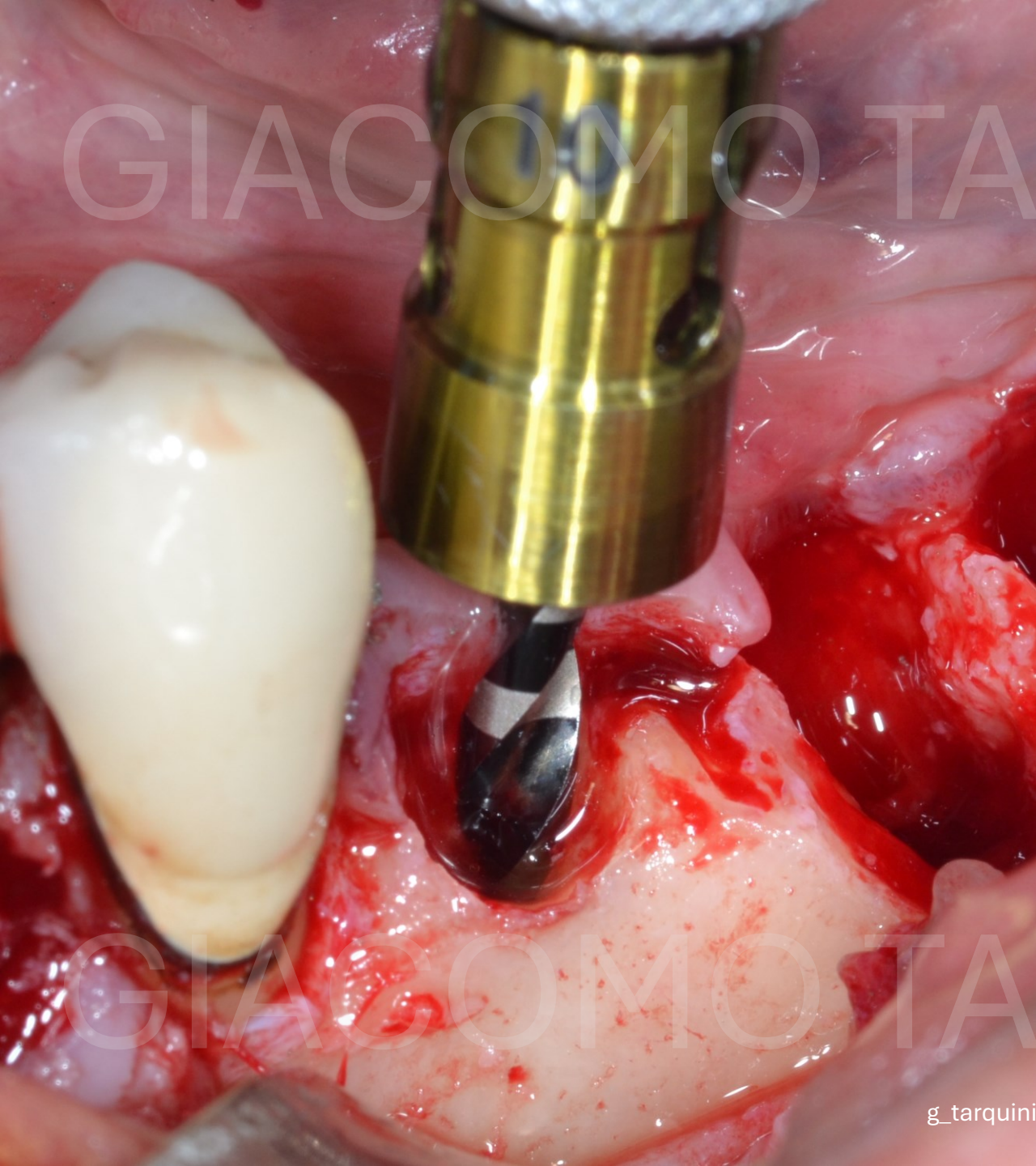
**W2-IK3410**

Ø 3.4 L.10

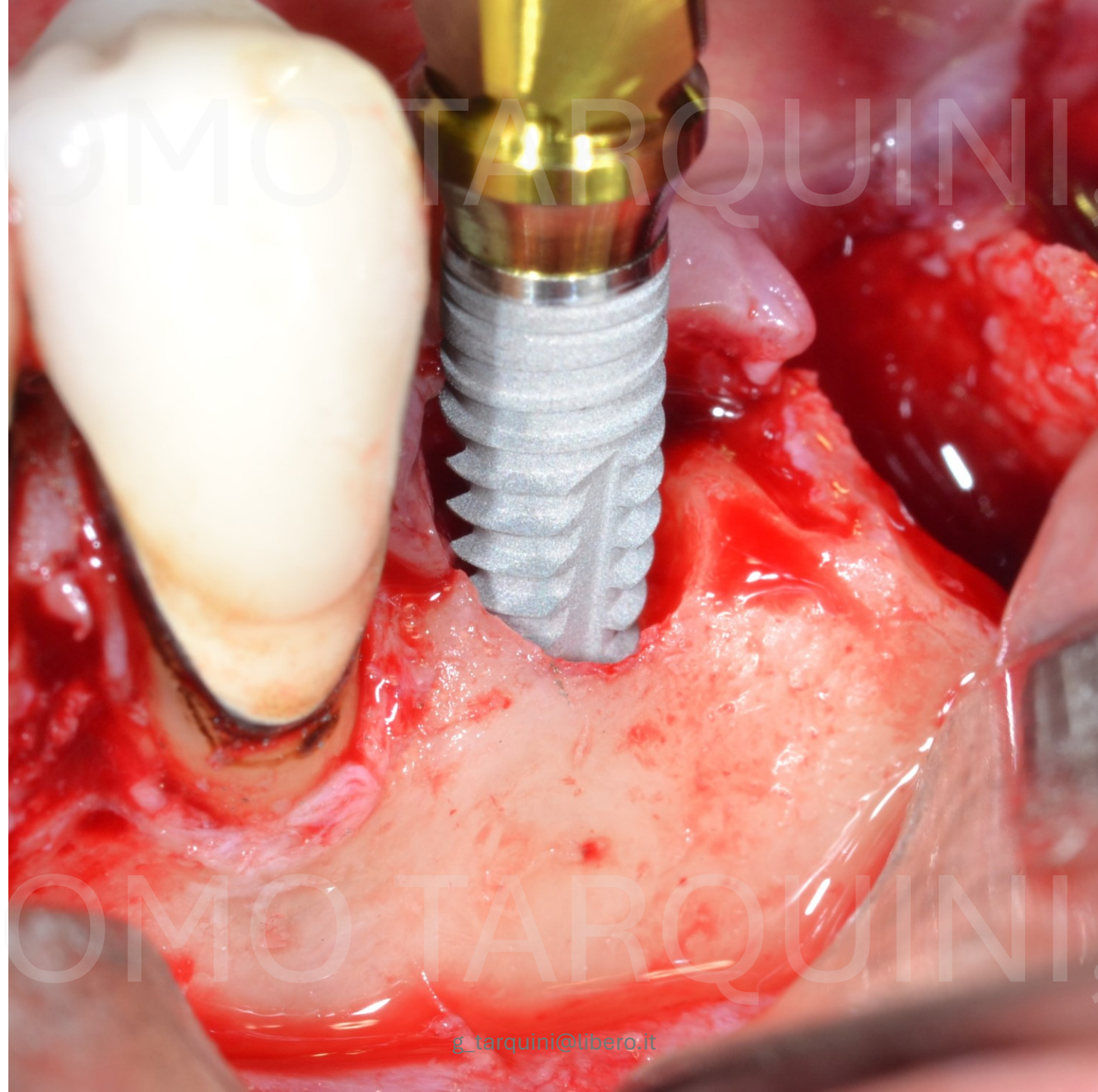
Titanio grado 4

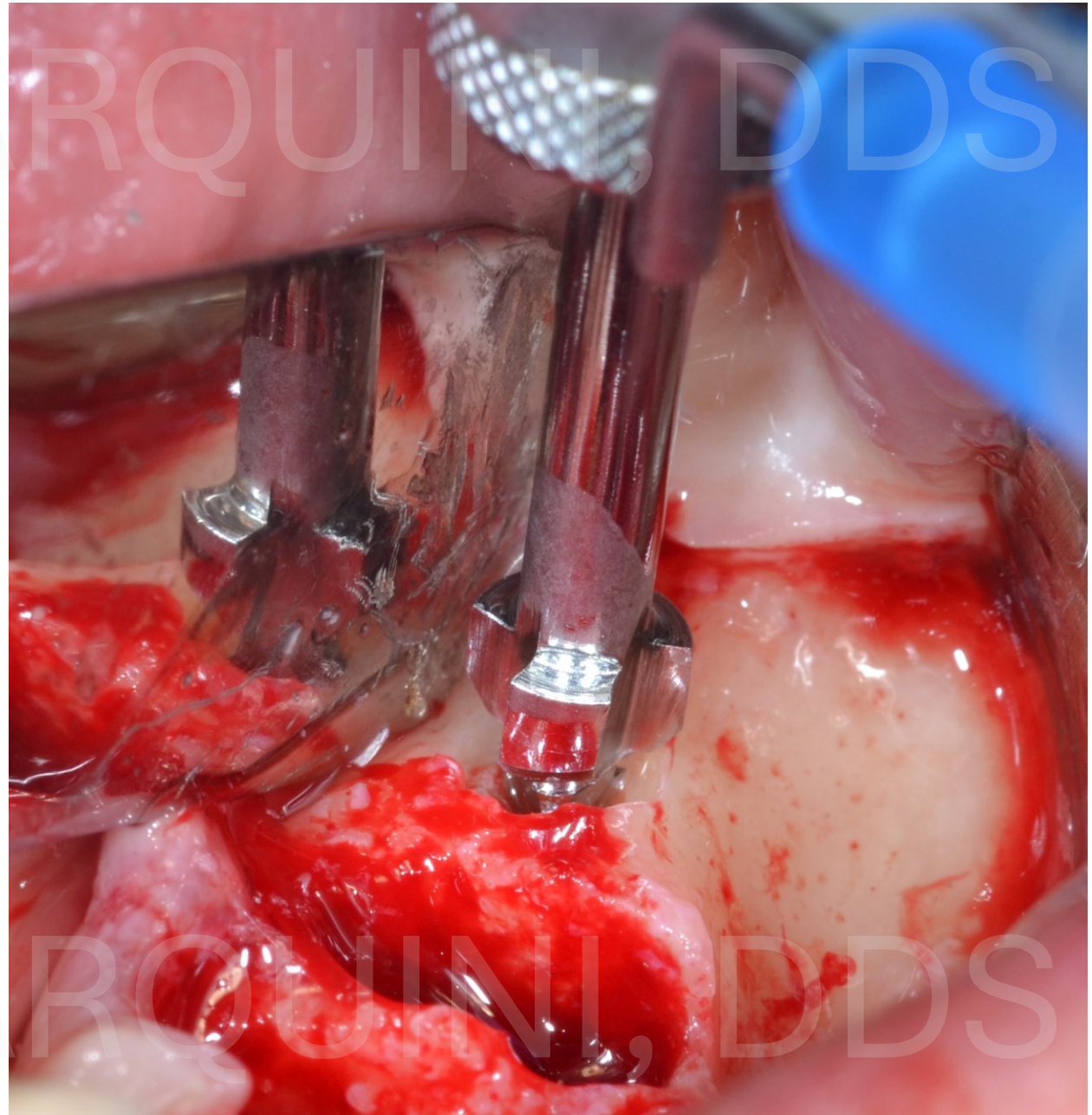
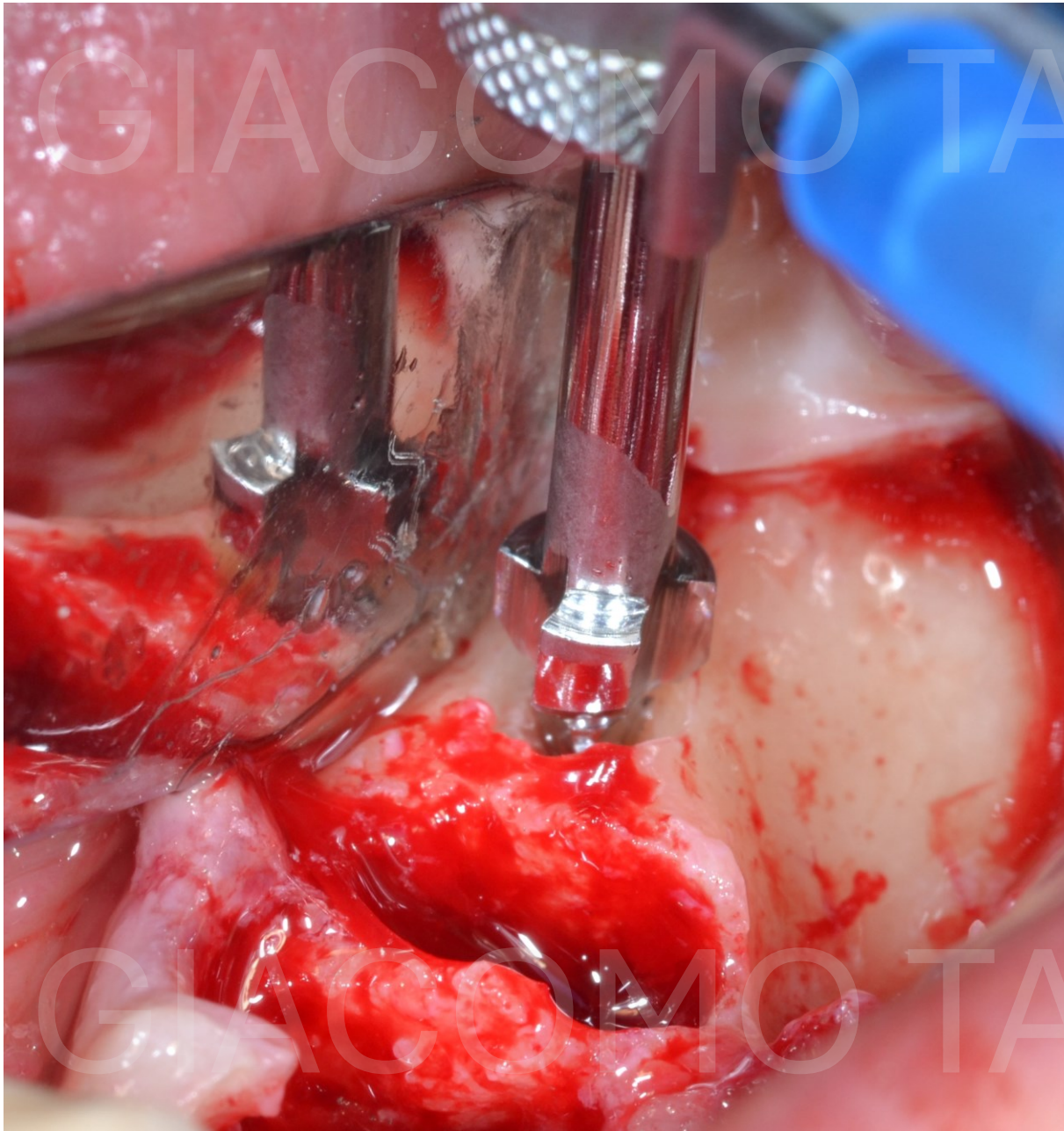


GIACOMO TARQUINI, DDS

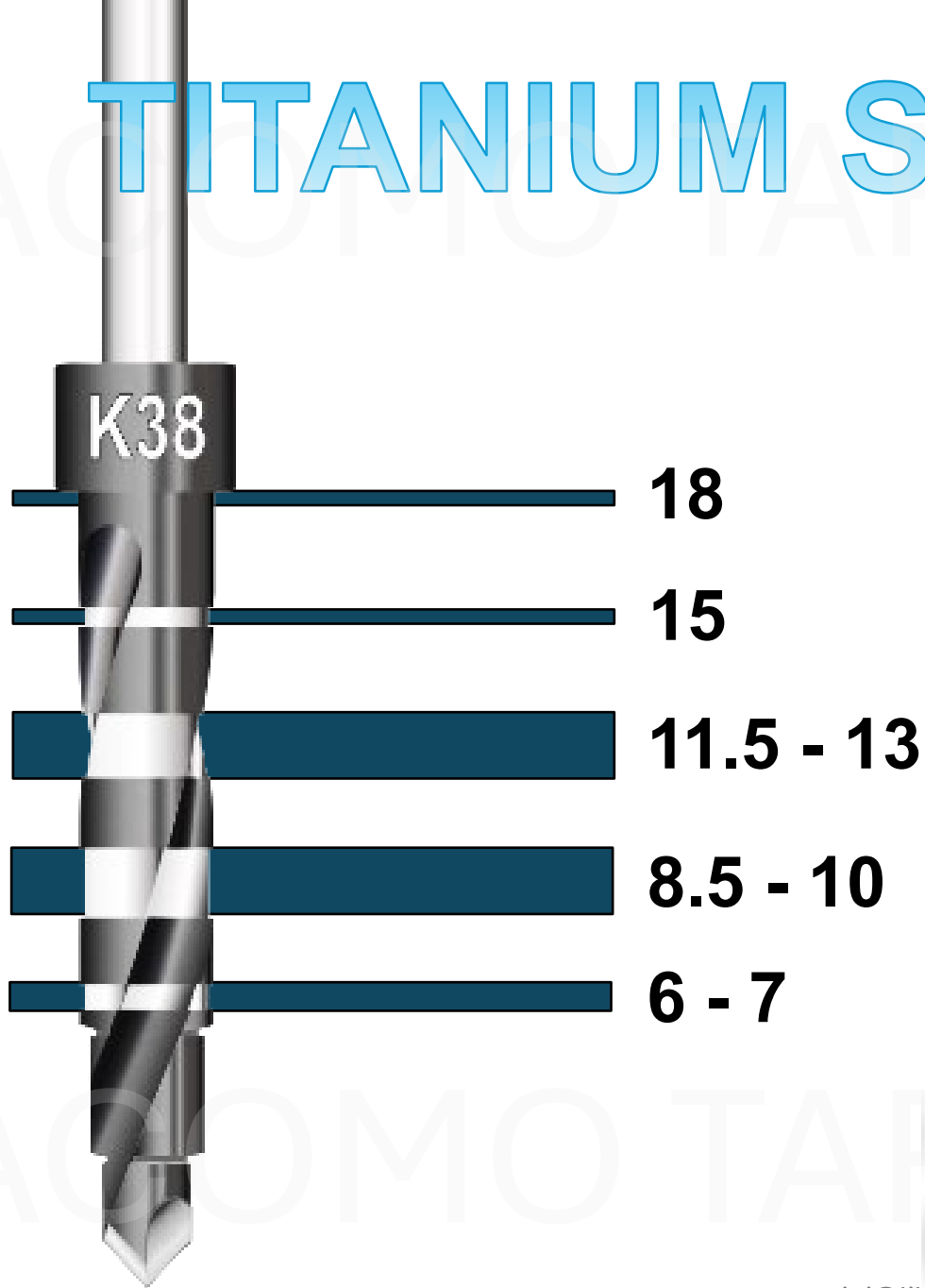


GIACOMO TARQUINI, DDS

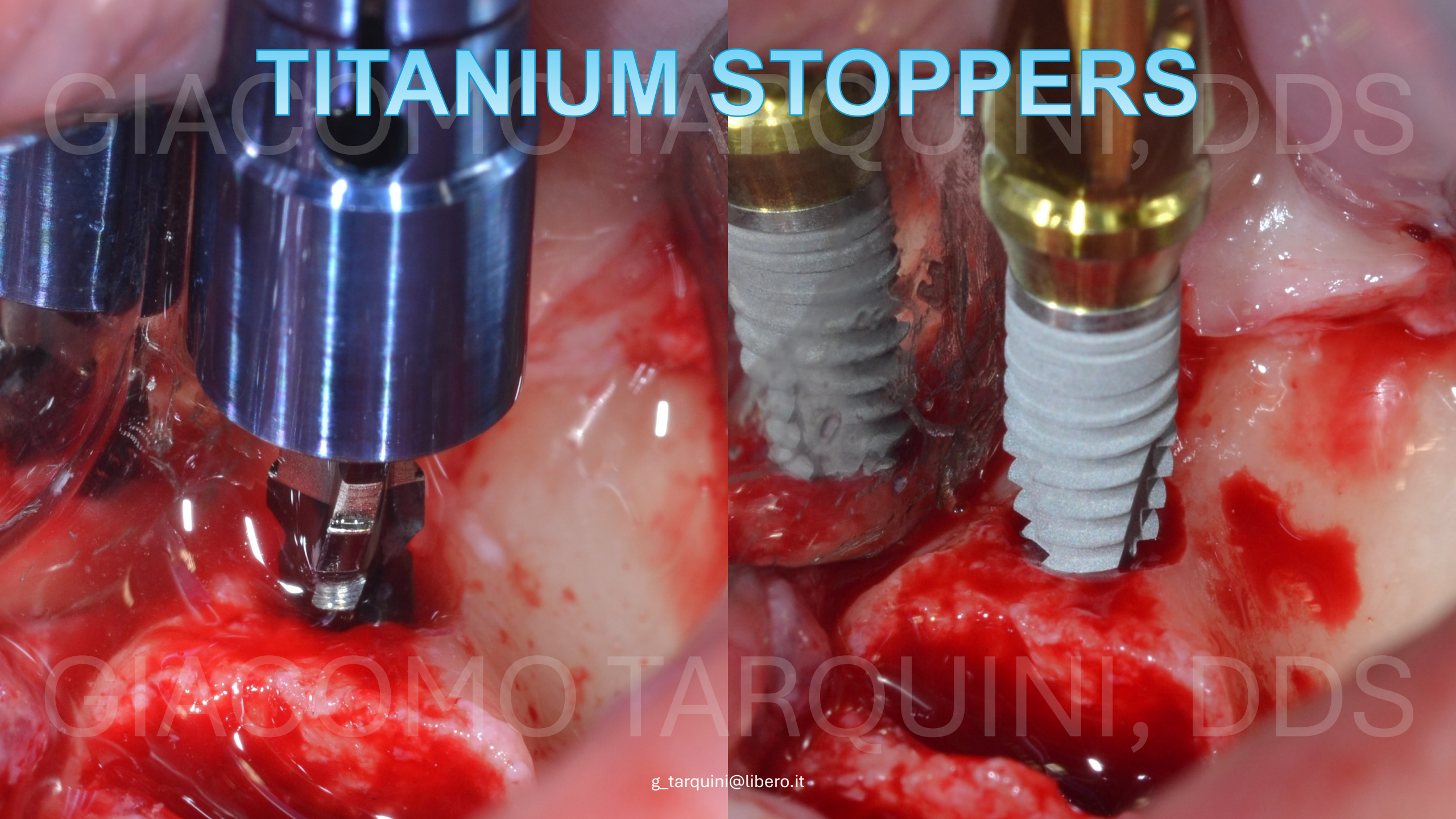




# TITANIUM STOPPERS

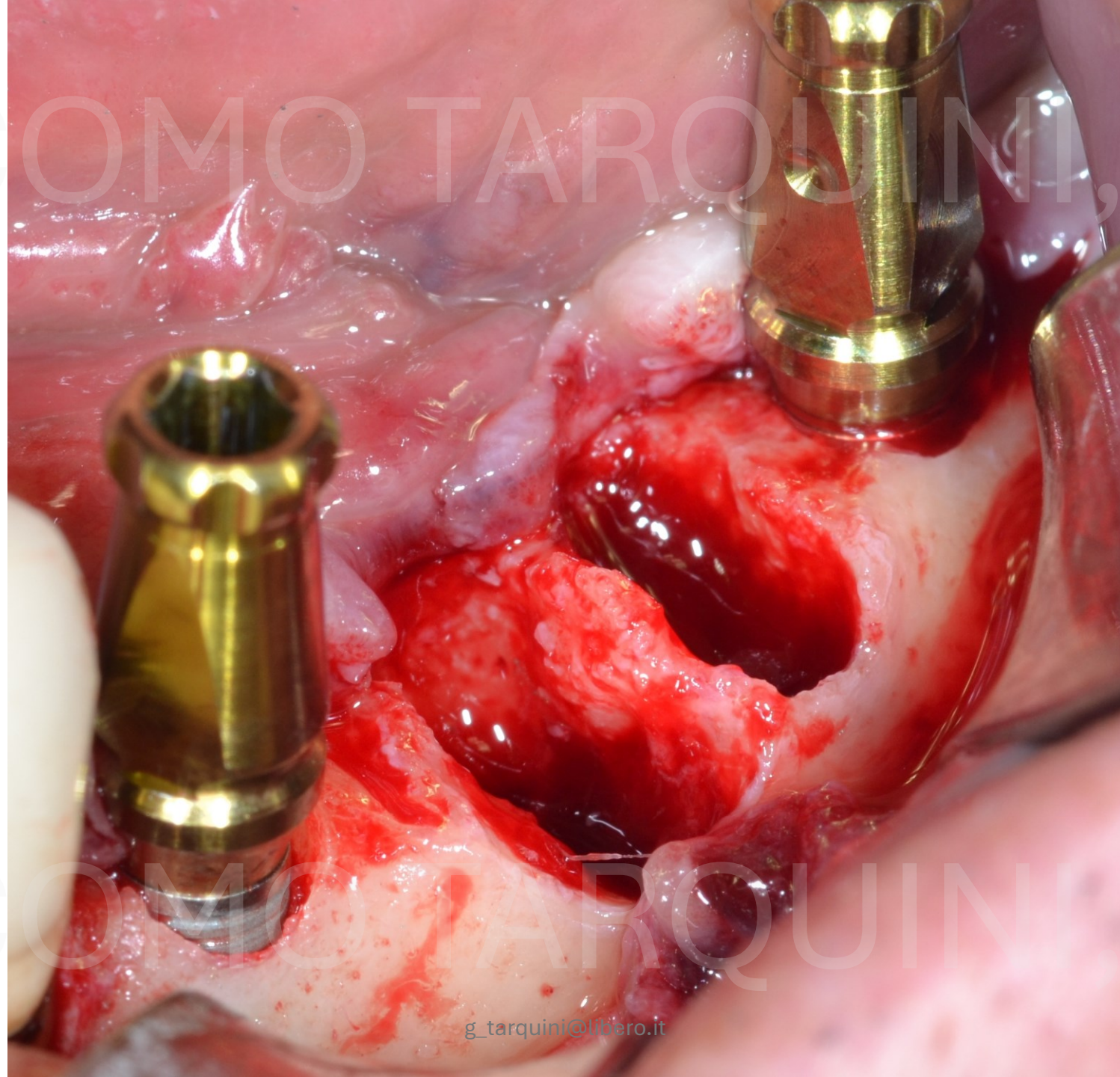


# TITANIUM STOPPERS



GIACOMO TARQUINI, DDS

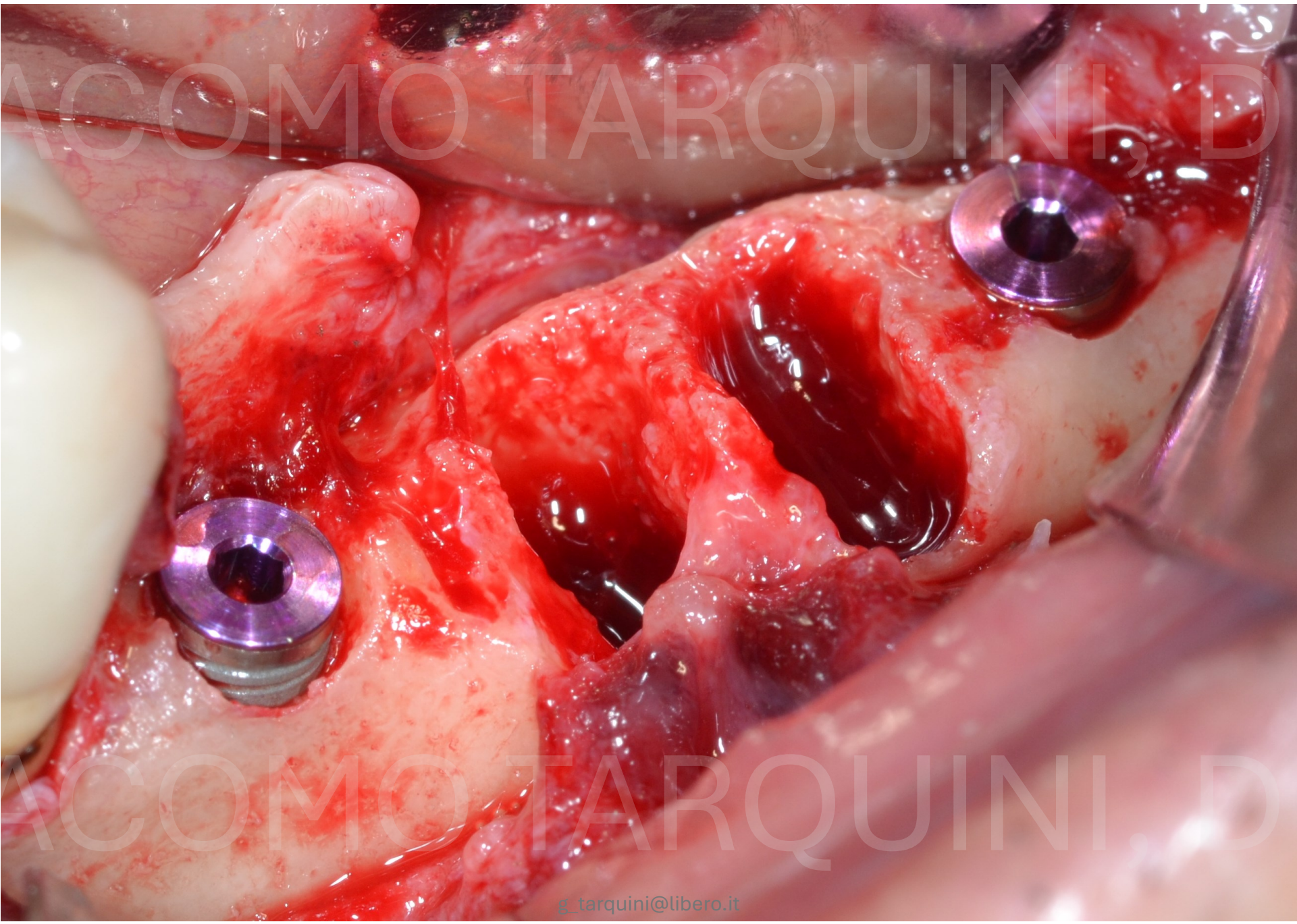
GIACOMO TARQUINI, DDS



GIACOMO TARQUINI, DDS

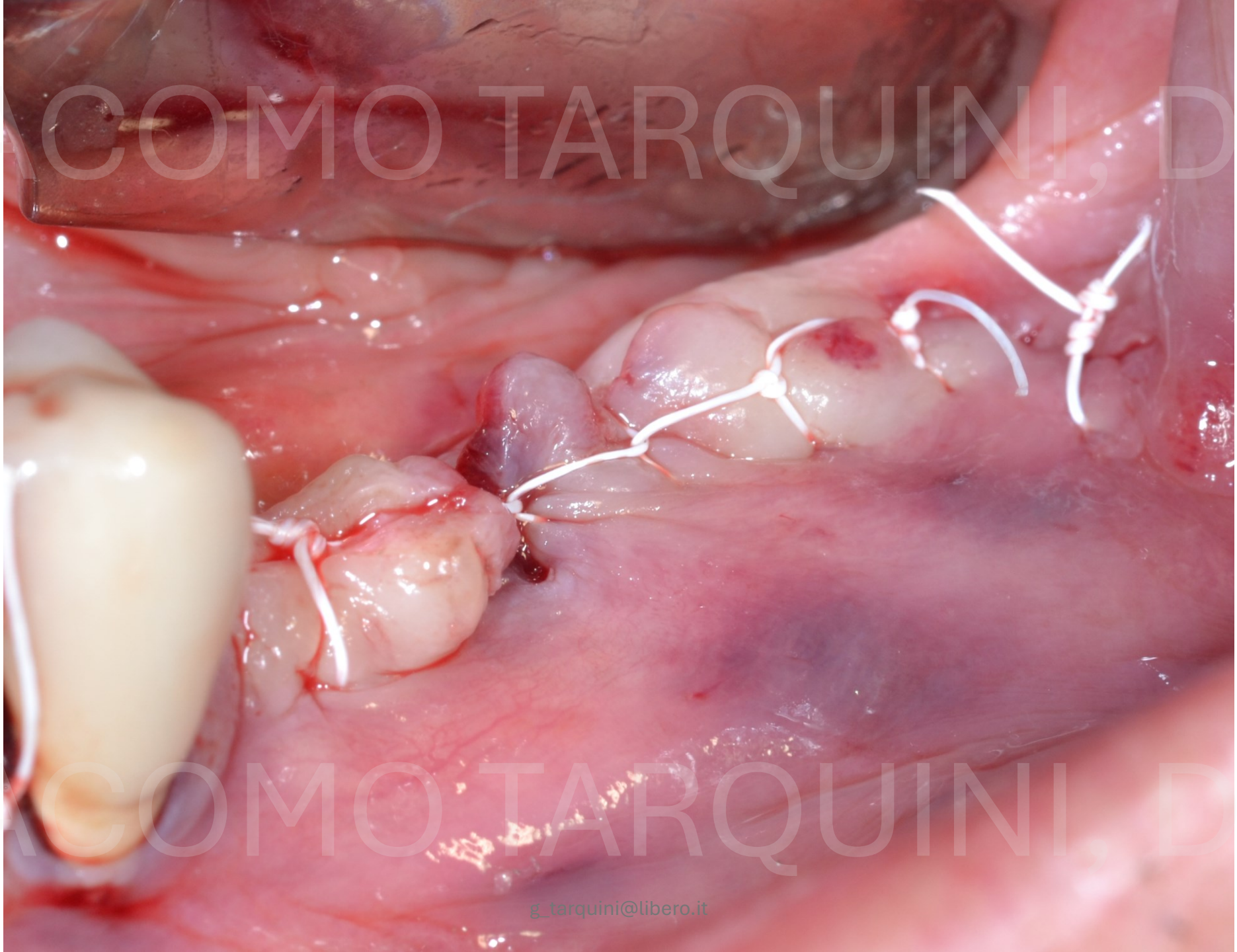
GIACOMO TARQUINI, DDS

GIACOMO TARQUINI, DDS



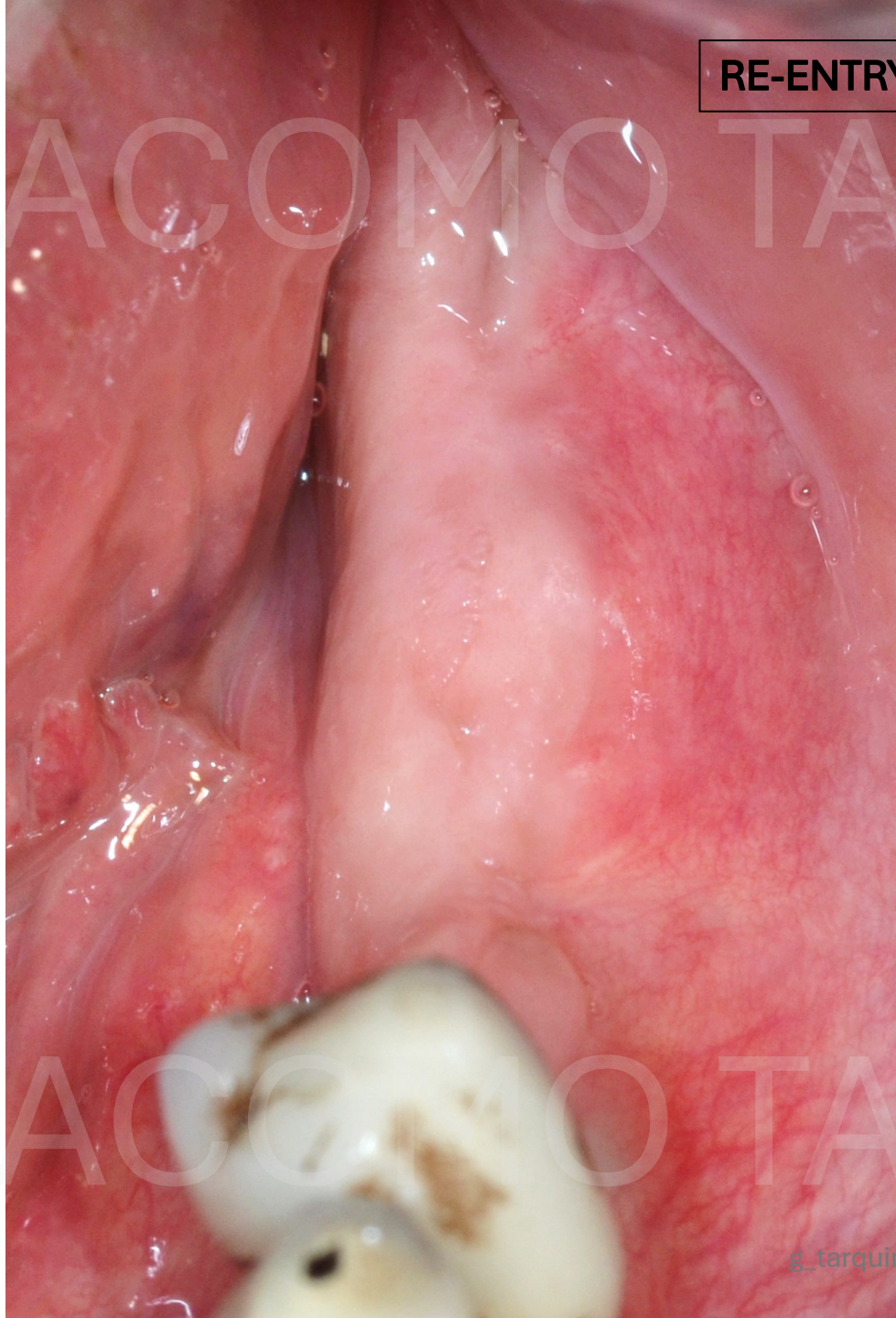
GIACOMO TARQUINI, DDS

GIAACOMO TARQUINI, DDS

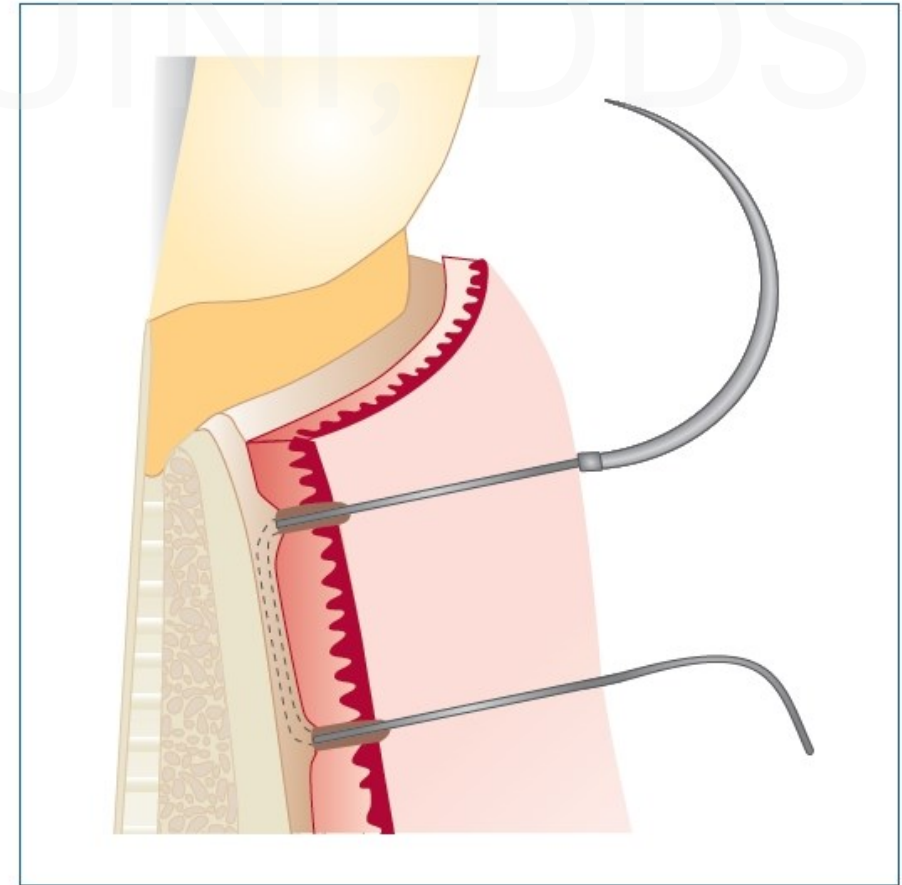
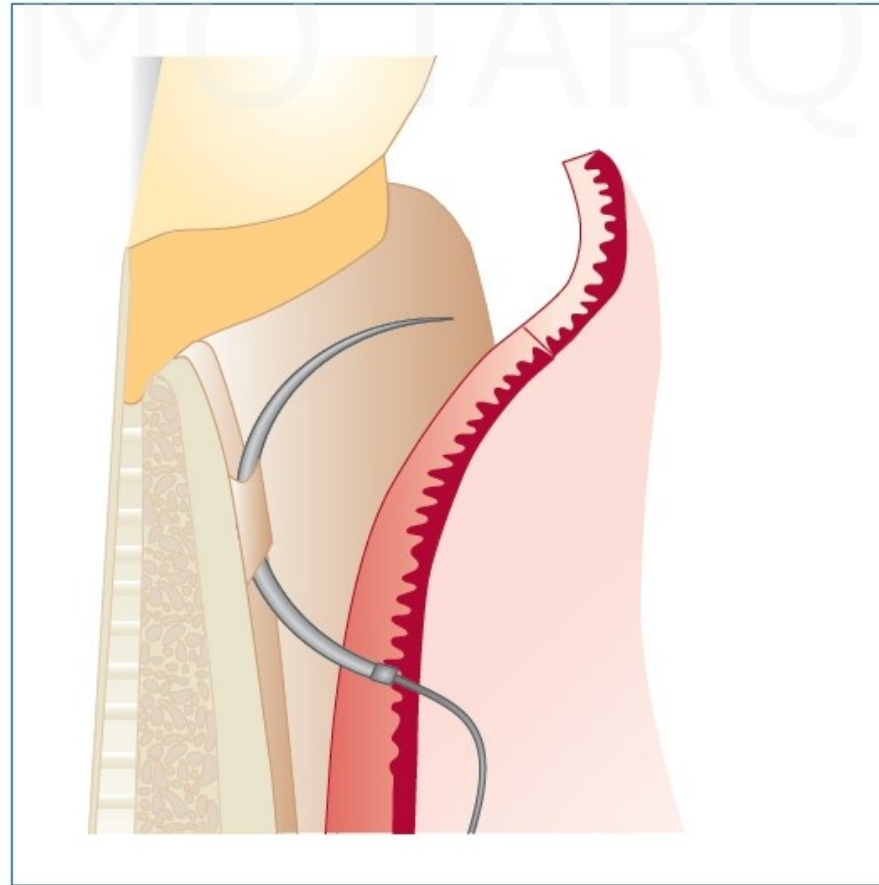


GIAACOMO TARQUINI, DDS

RE-ENTRY SURGERY



## MATTRESS PERIOSTEAL SUTURE



Tarquini G.

Tecniche di chirurgia parodontale: dalla diagnosi alla terapia. Edizioni EDRA (Settembre 2017)

GIACOMO TARQUINI, DDS



GIACOMO TARQUINI, DDS

GIACOMO TARQUINI, DDS



GIACOMO TARQUINI, DDS

GIACOMO TARQUINI, DDS



5 YEARS FOLLOW-UP

GIACOMO TARQUINI, DDS

- **Conclusions:**

- THE RESISTA'S IMPLANT LINE STRONG POINTS

- 1. Macro Geometry: A vast range of implant shapes for different surgical needs (Cylinder, Tapered, Active, Short, Mini and Extra-Large)
- 2. Micro Geometry: Last Generation Differentiated Surface (Full, Half and Machined) treated (DAE Micro and Nano rough), decontaminated in Argon Cold Plasma Reactor.
- 3. Multifunctional Mounter: 4 components in a single article (Mounter, Transfer, Abutment and Mounter for Computer Guided Surgery) to maximize result and minimize costs.
- 4. Prosthetic Parts: A very wide range of prosthetic variants with 7/10 micron machining tolerances on the connection, with emerging curvilinear profiles, flat and conical connections, platform switching, golden titanium screws and PVD TiN coatings (more aesthetic and less retention of dental plaque).
- 5. Surgical Instruments: Surgical Drills 3-Tech, maximum efficiency, minimum trauma, smaller friction coefficient, PRO MSD technology for counterclockwise bone densifying application long, lasting resistance, perfect visibility of laser marking and surgical millimeters stop.