



Minimalism with materials

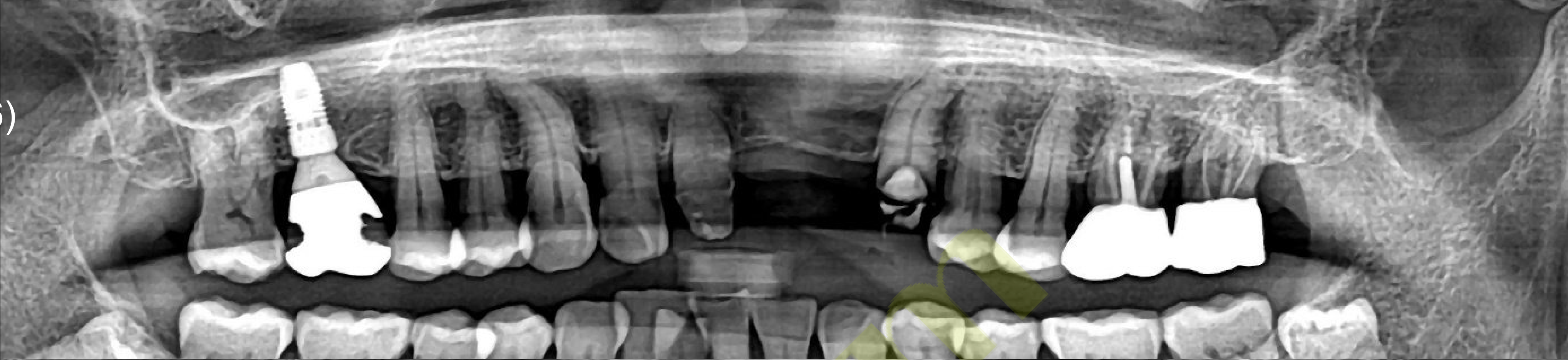
Stress less

Practical

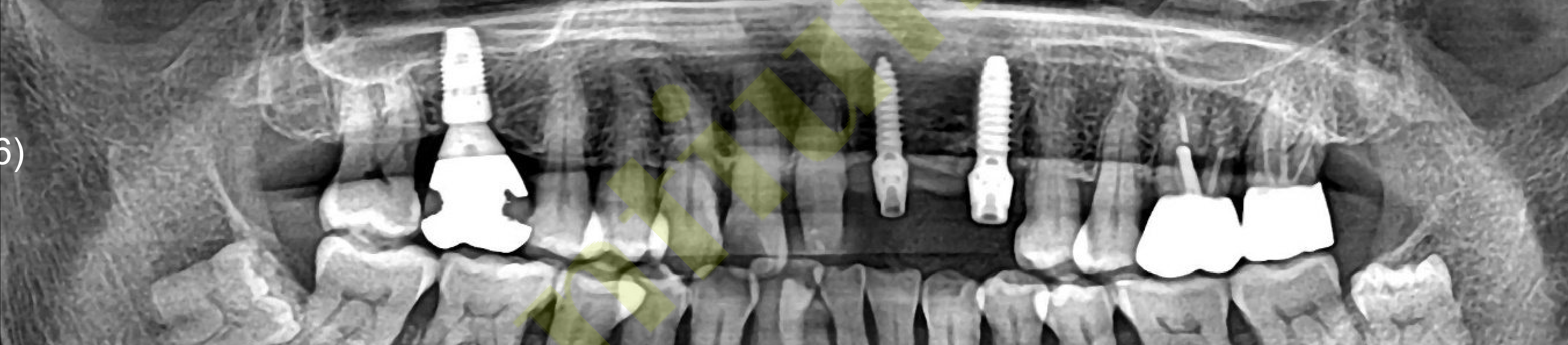
Efficiency

Dr.SM Chung

Pre-op (2023-09-06)



Post-op (2023-09-06)

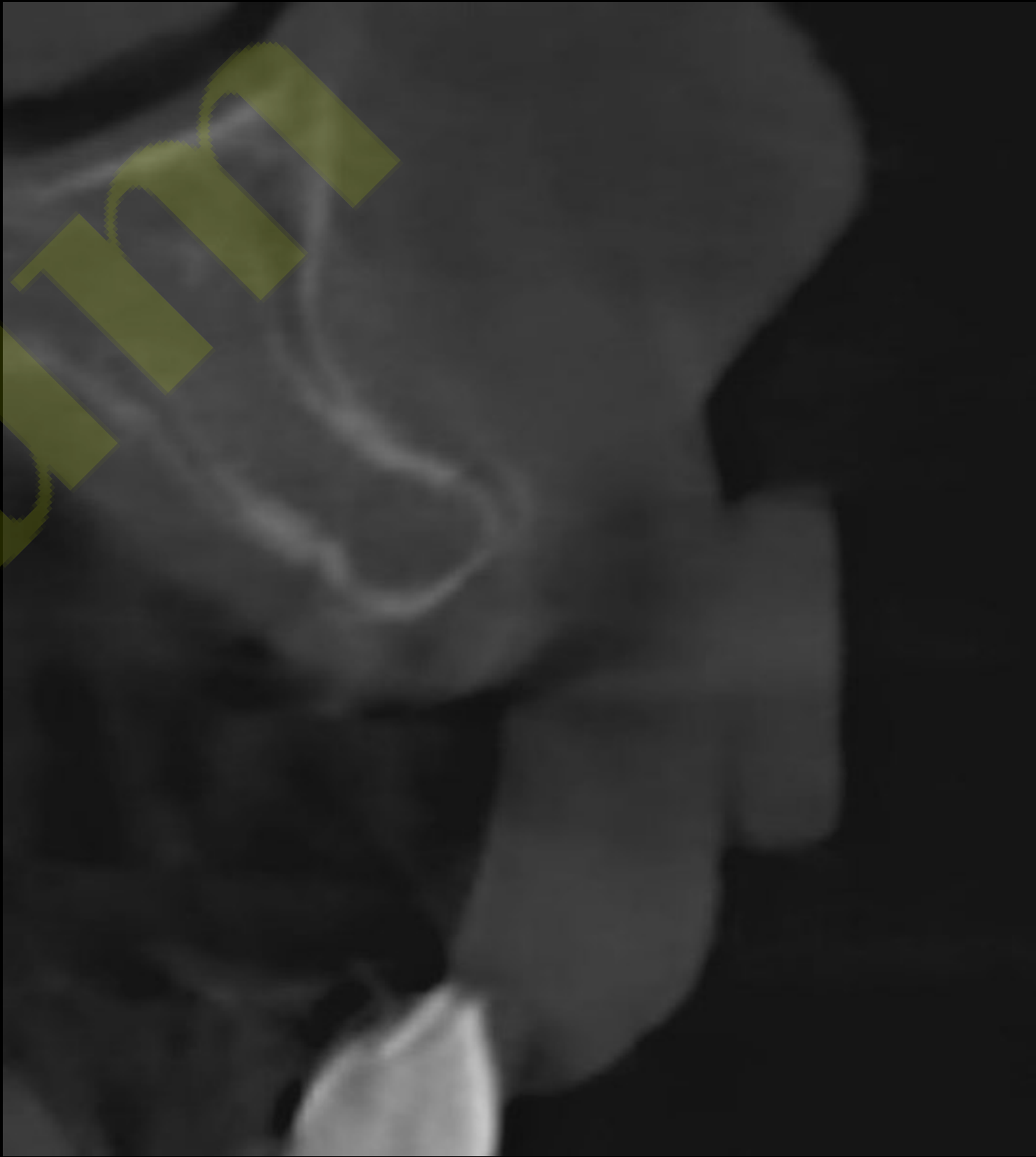


Final prosthesis (2023-11-02)

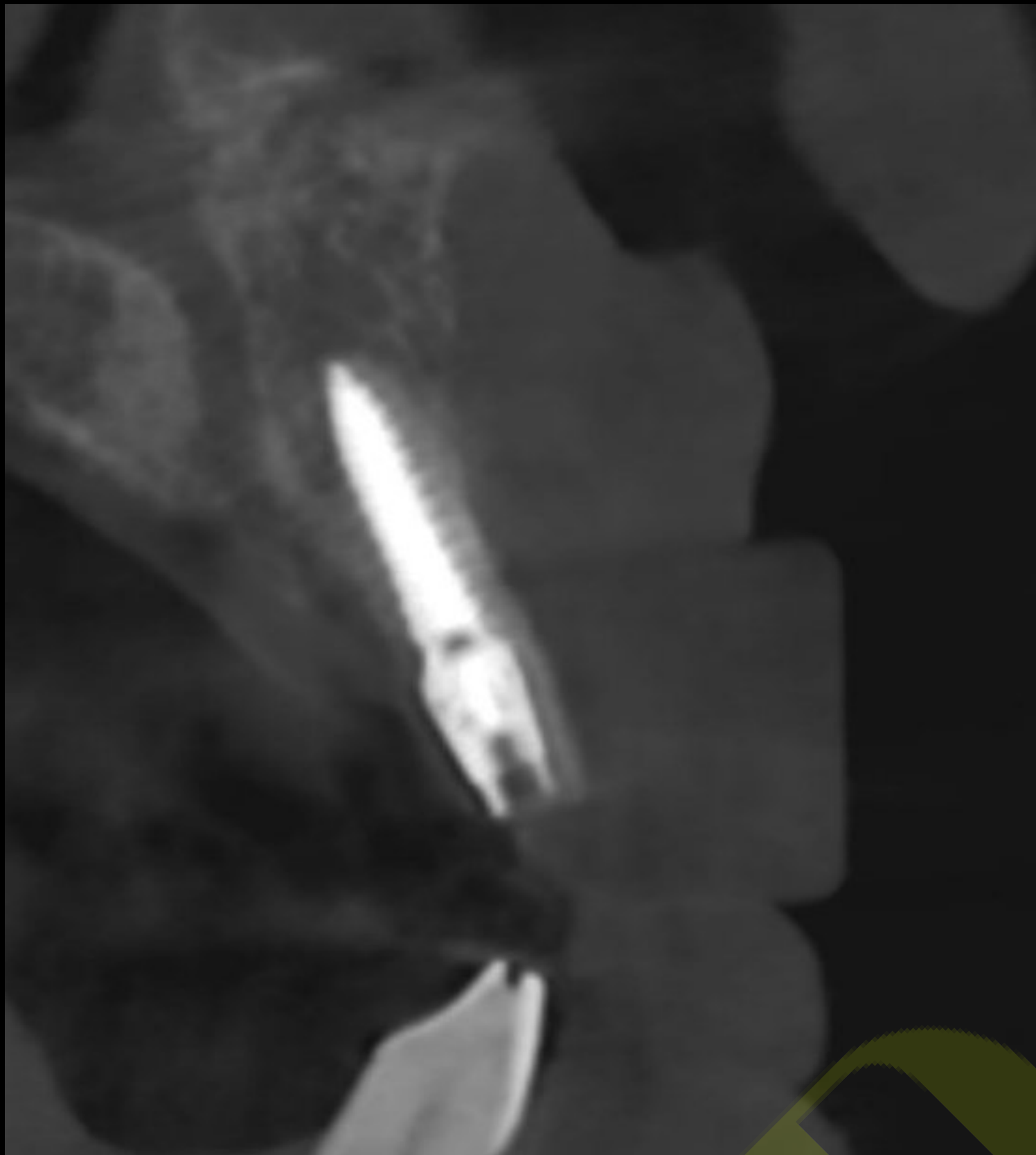




#21



#22



#21

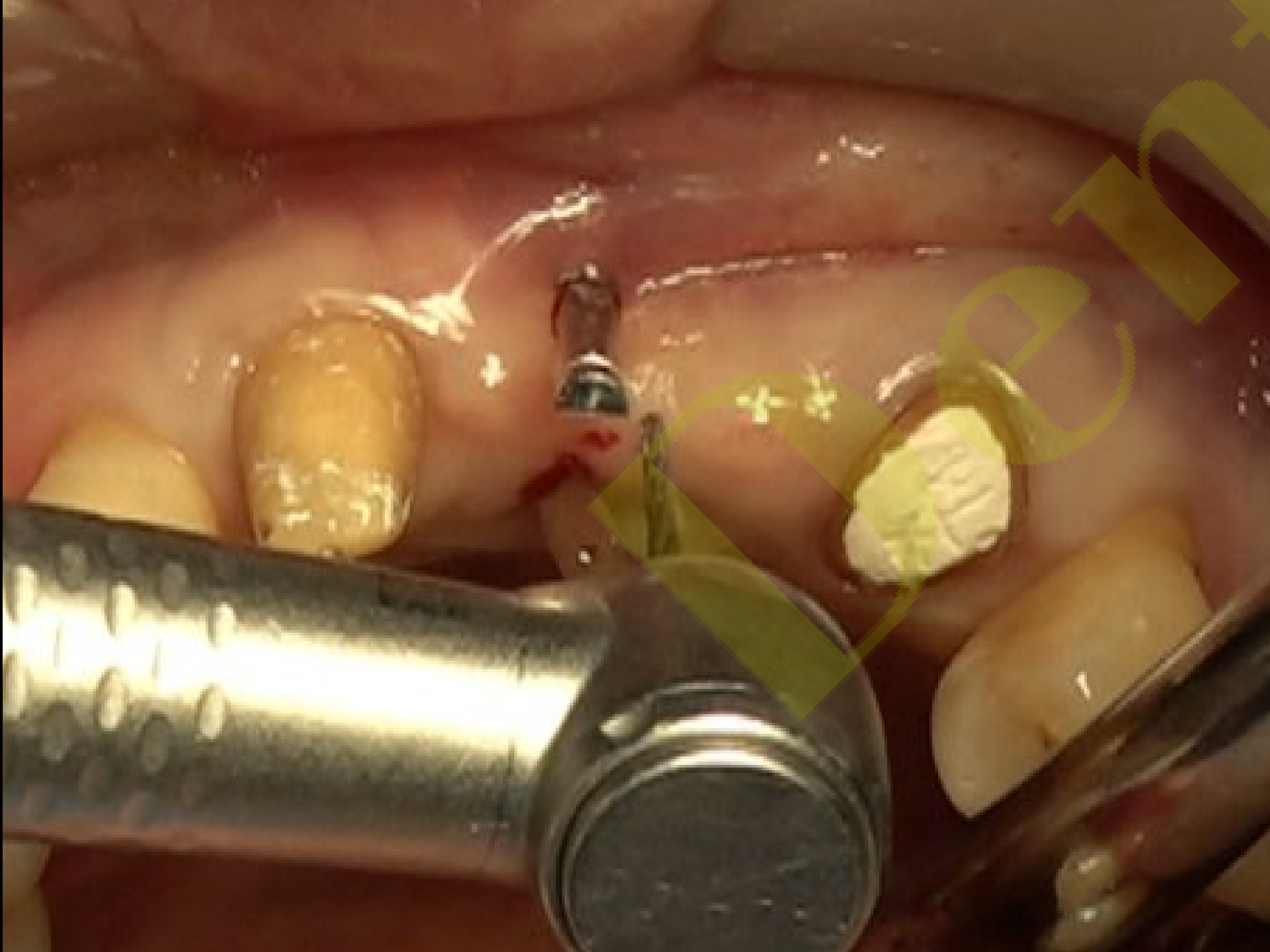
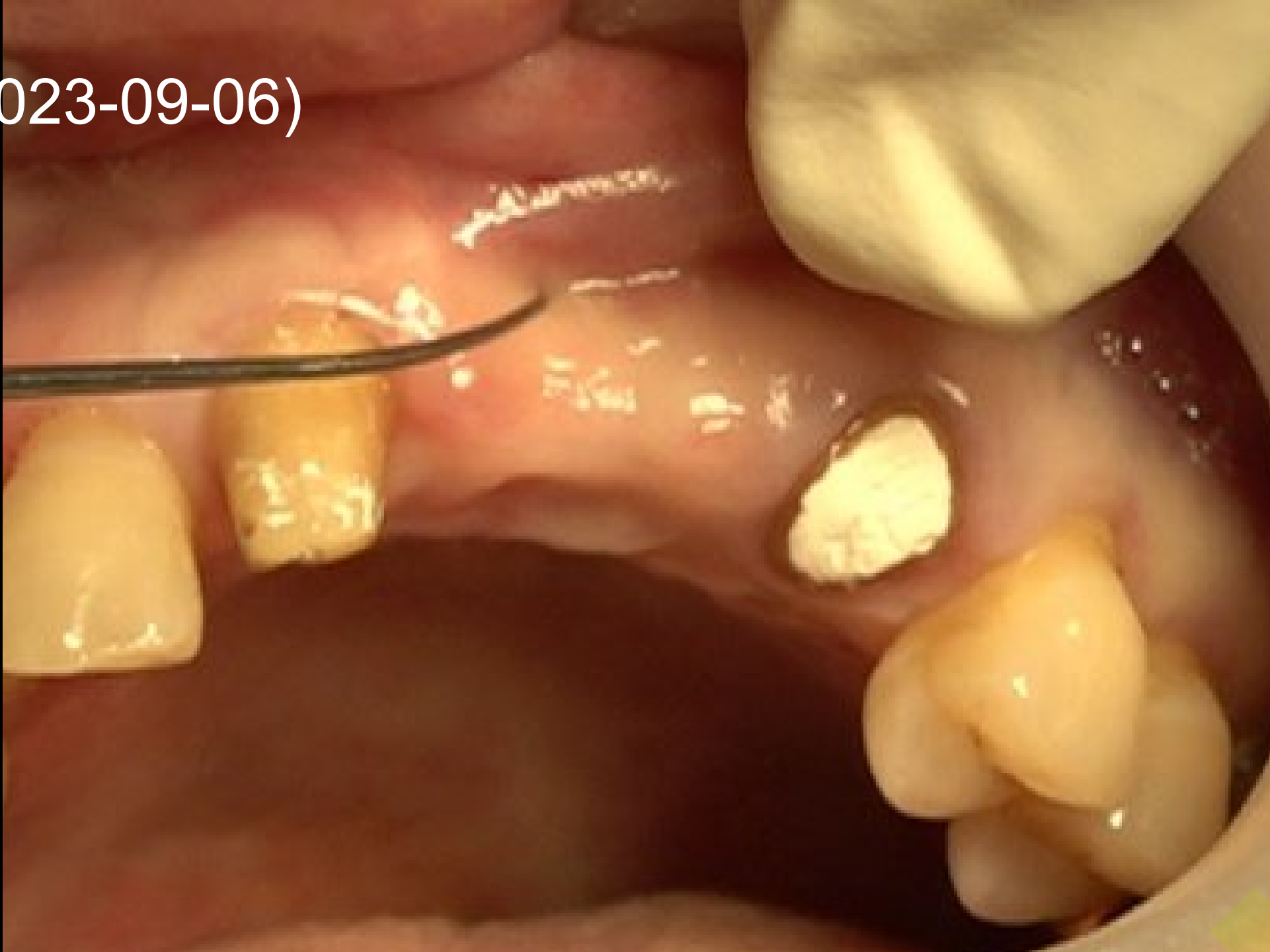


#22

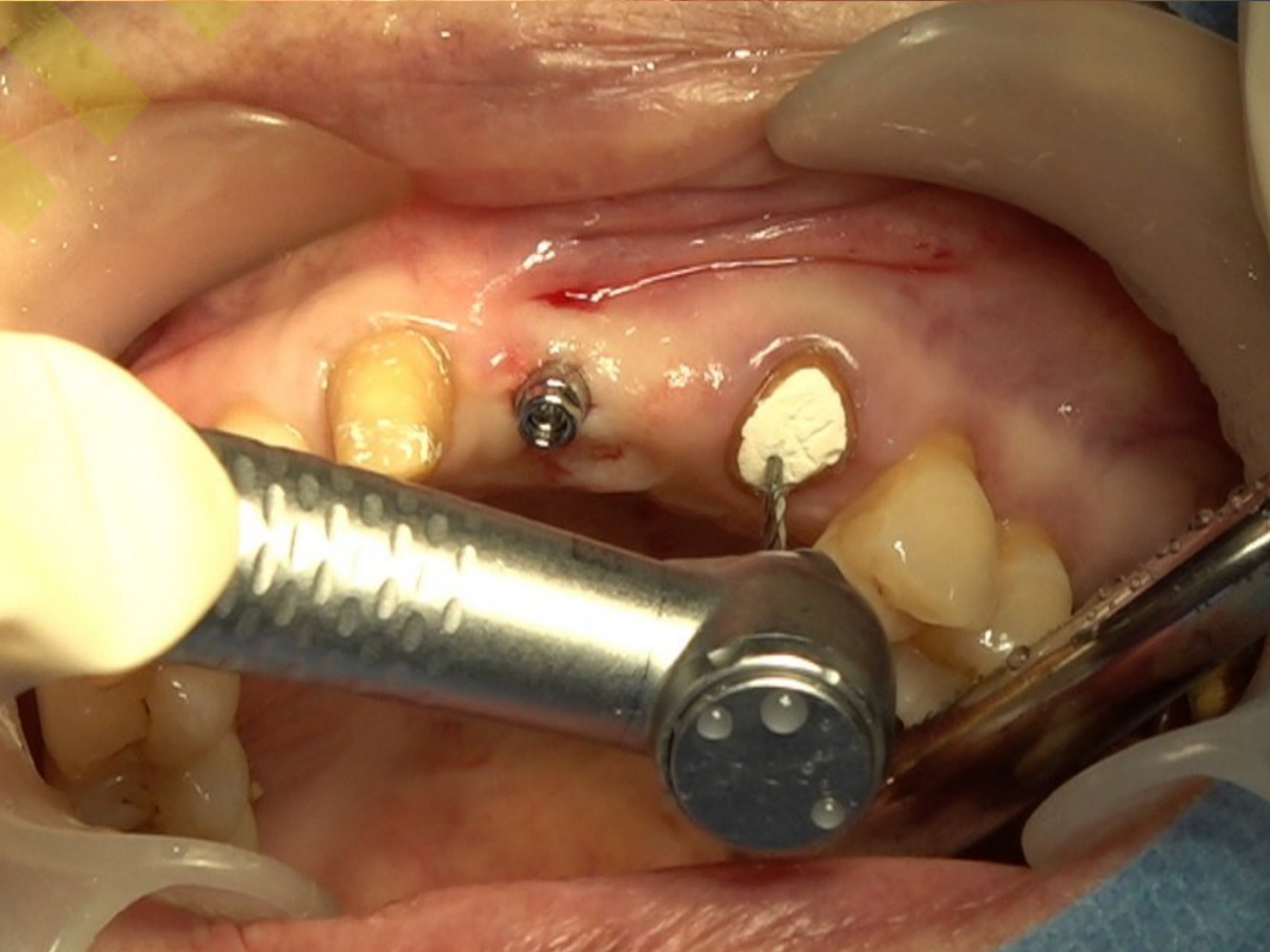
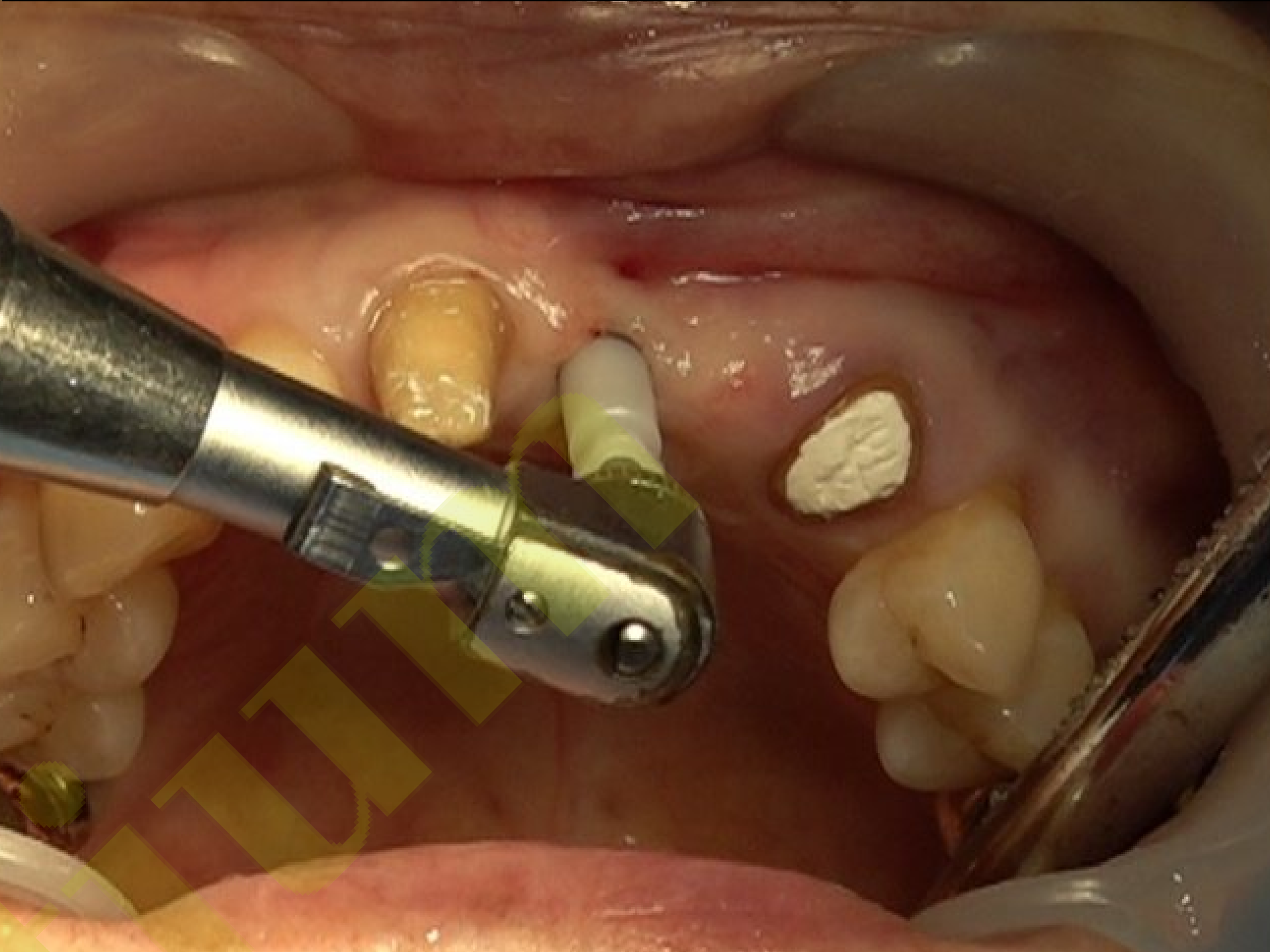
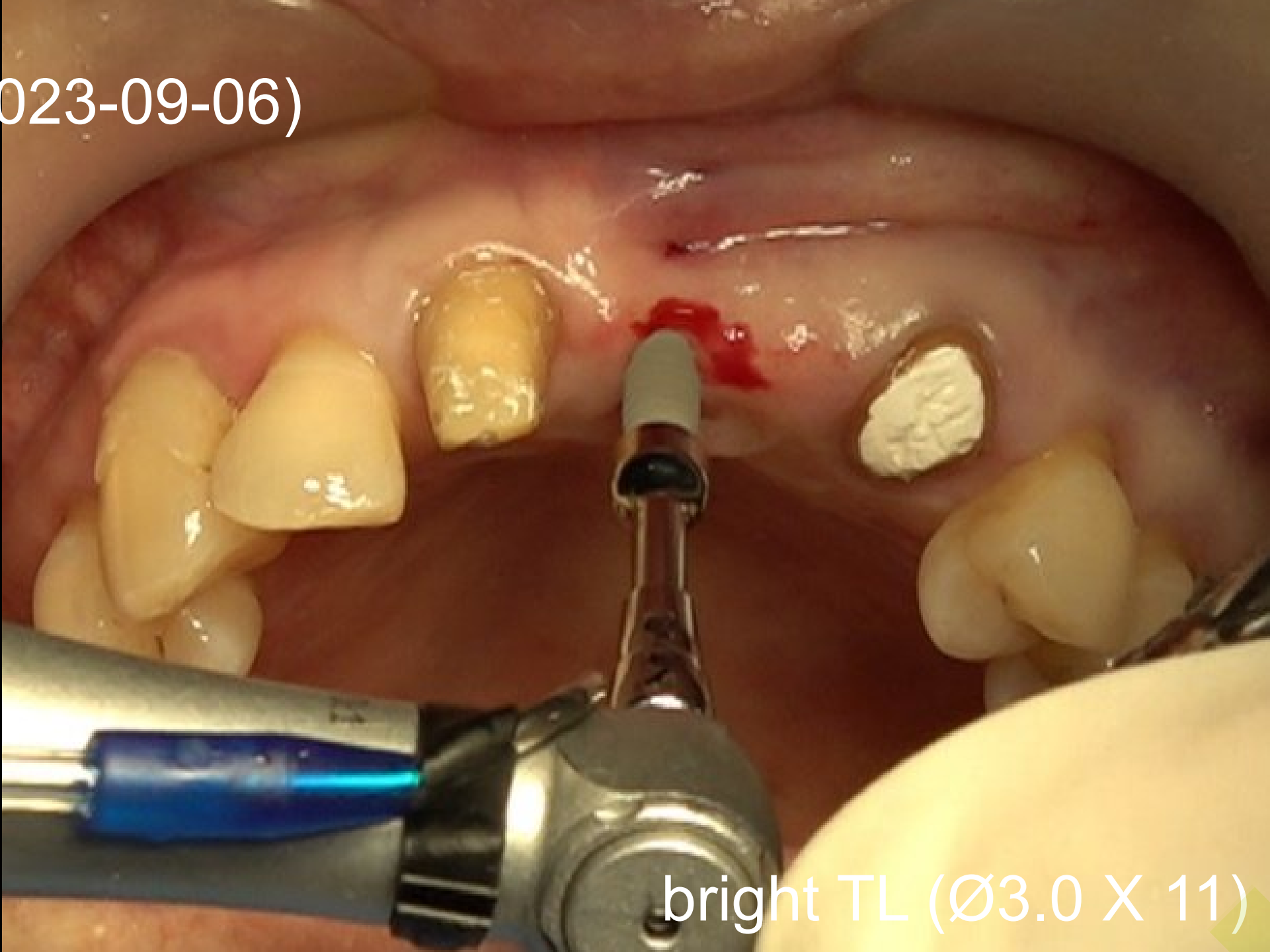
Pre-op (2023-09-06)



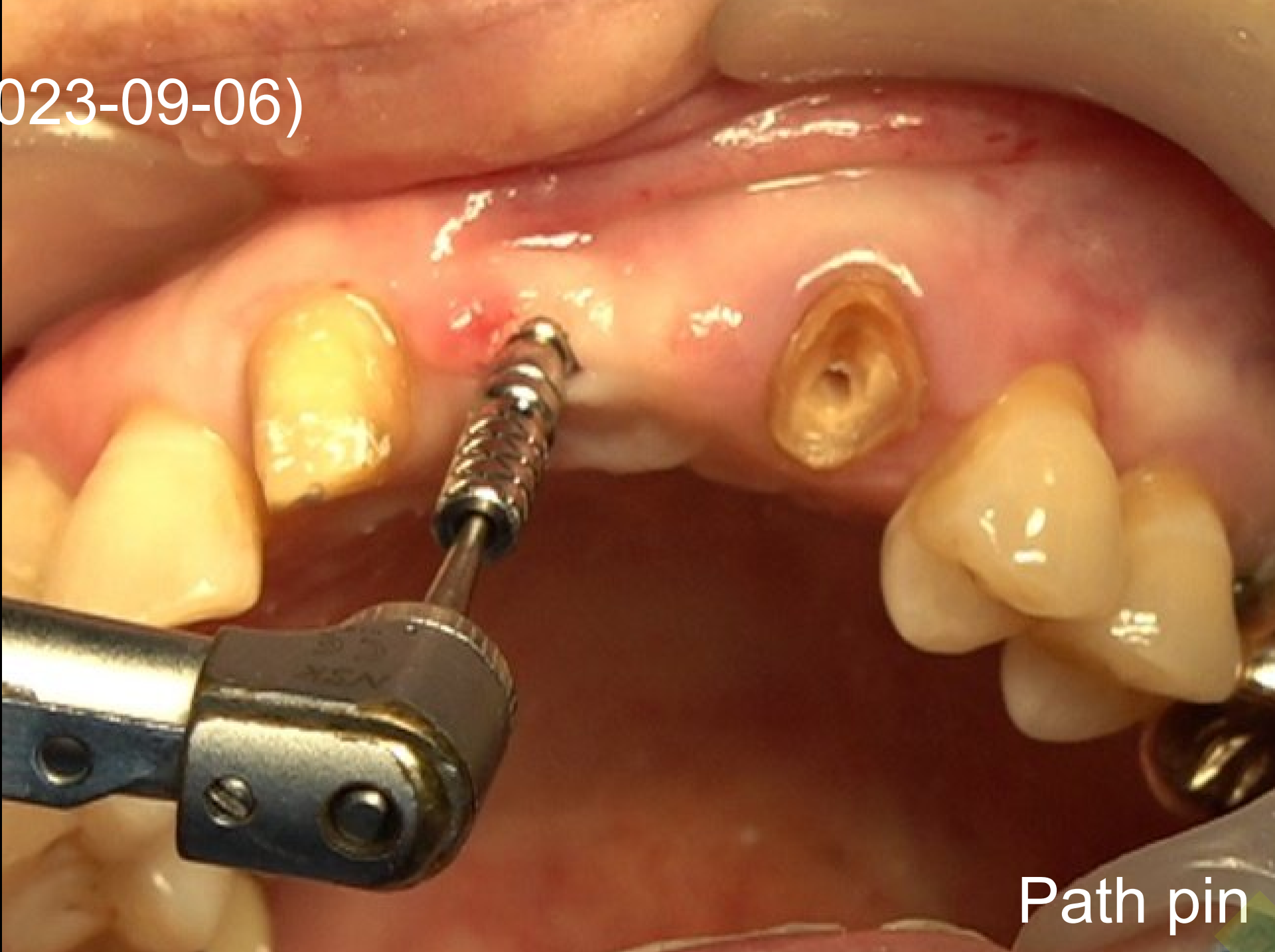
Surgery (2023-09-06)



Surgery (2023-09-06)



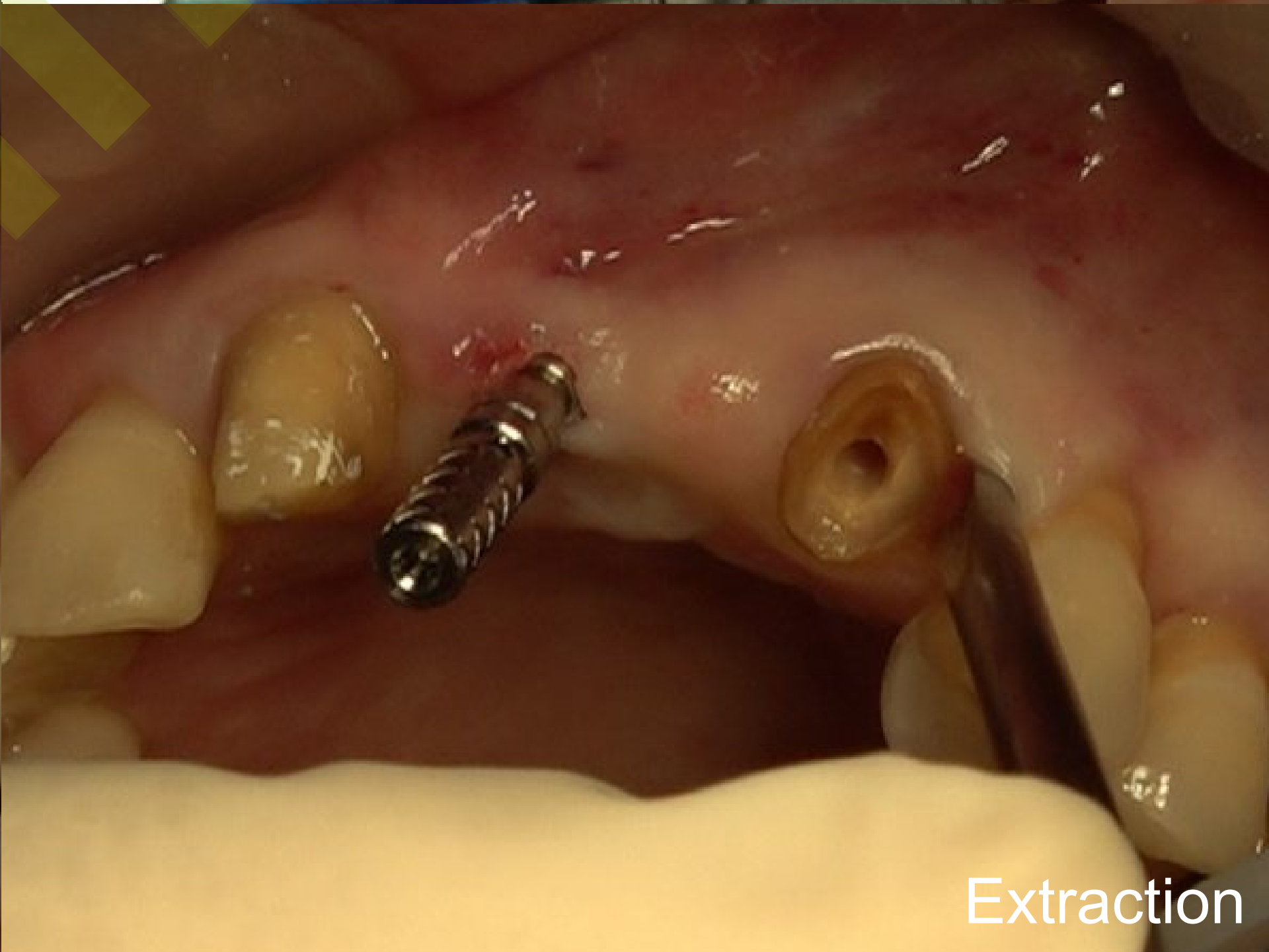
Surgery (2023-09-06)



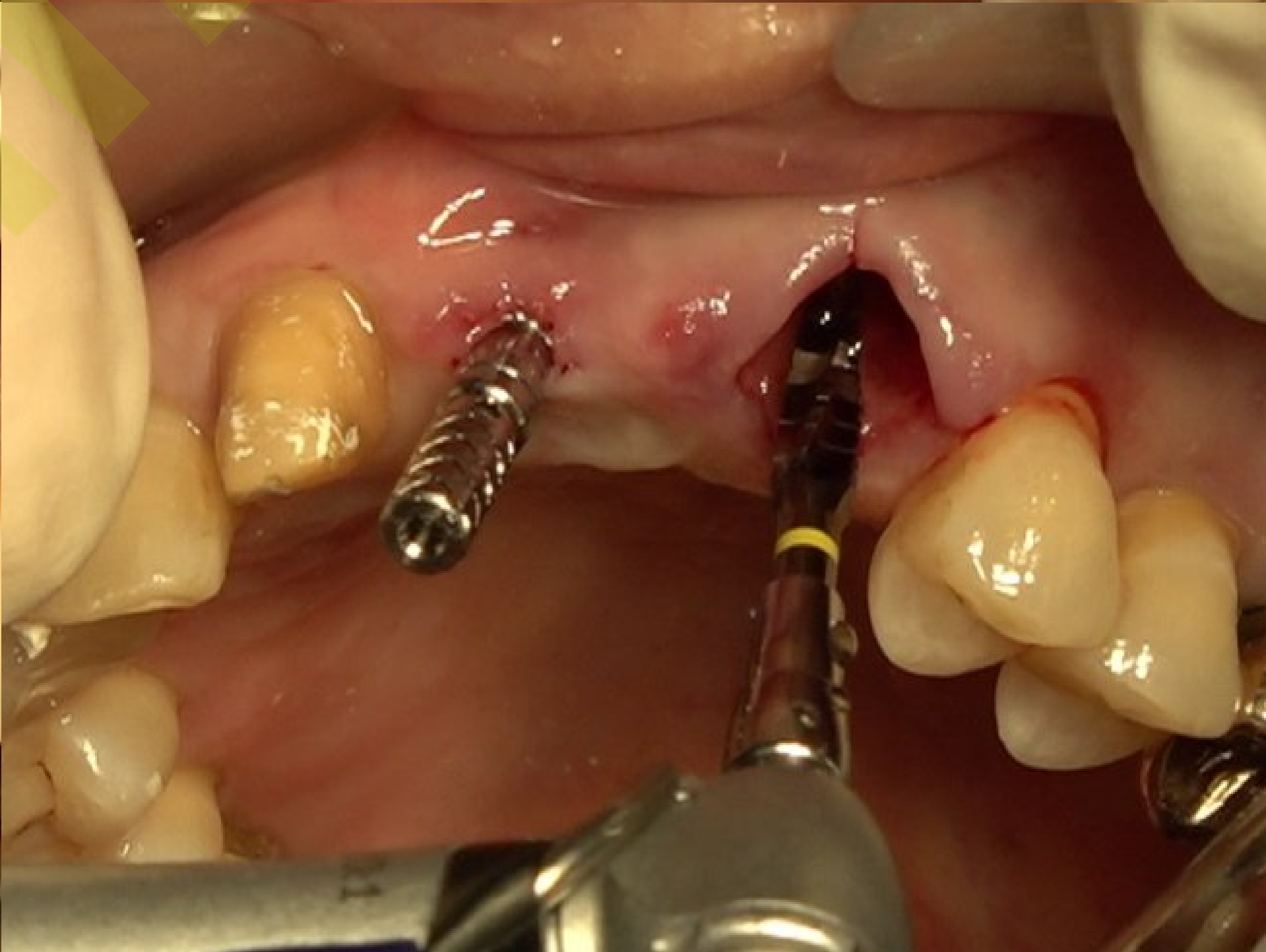
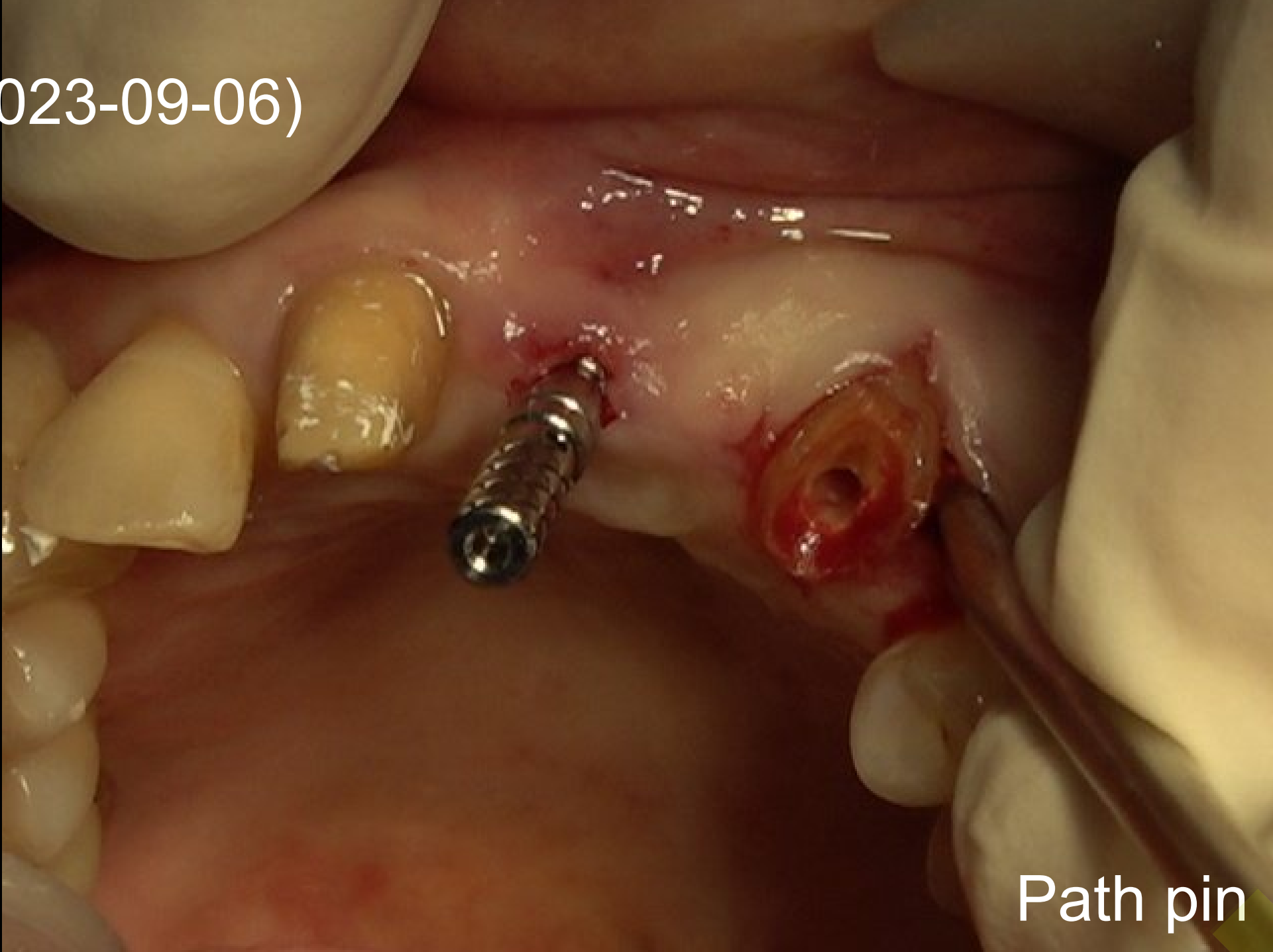
Path pin



Parallel pin



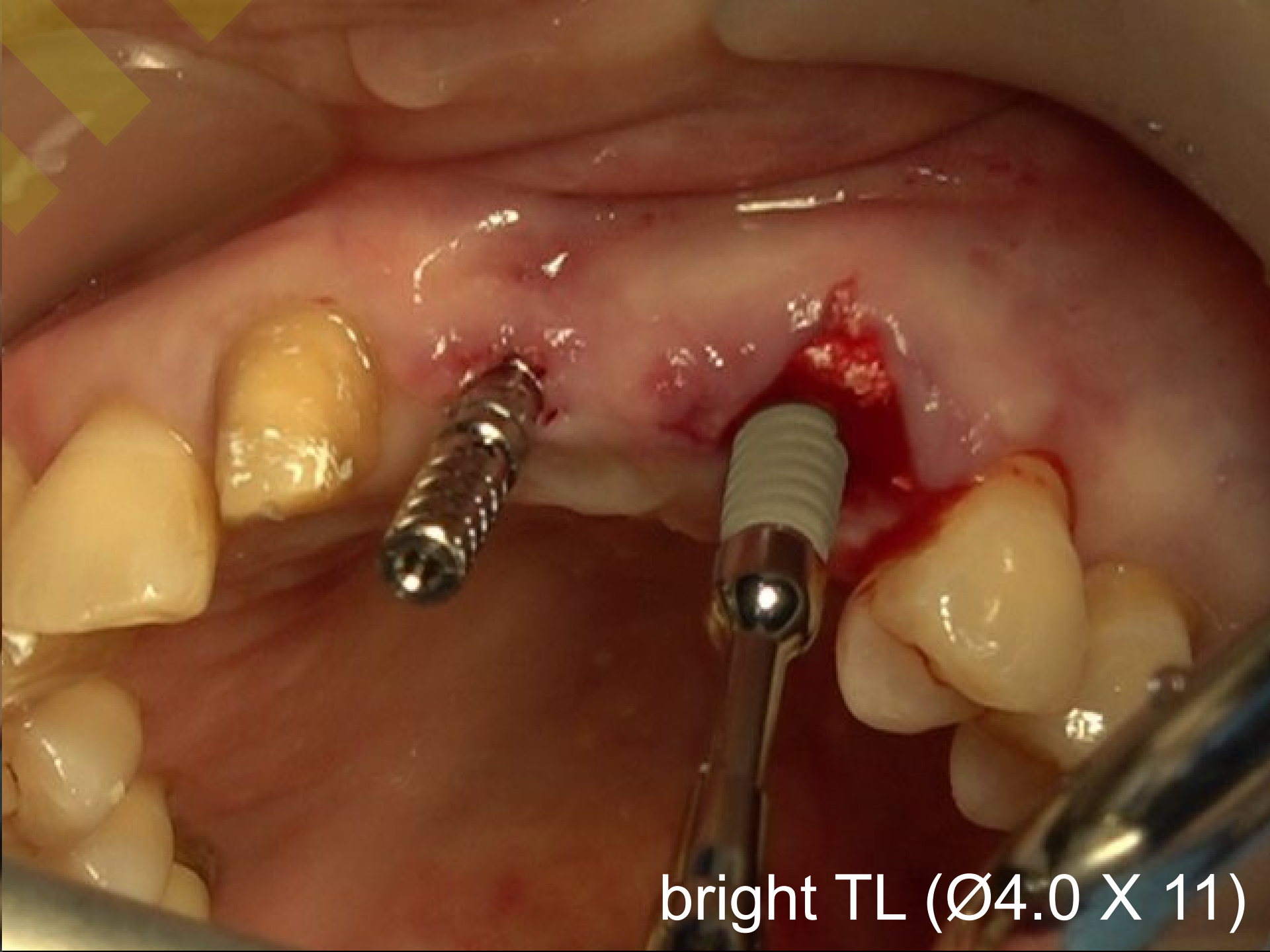
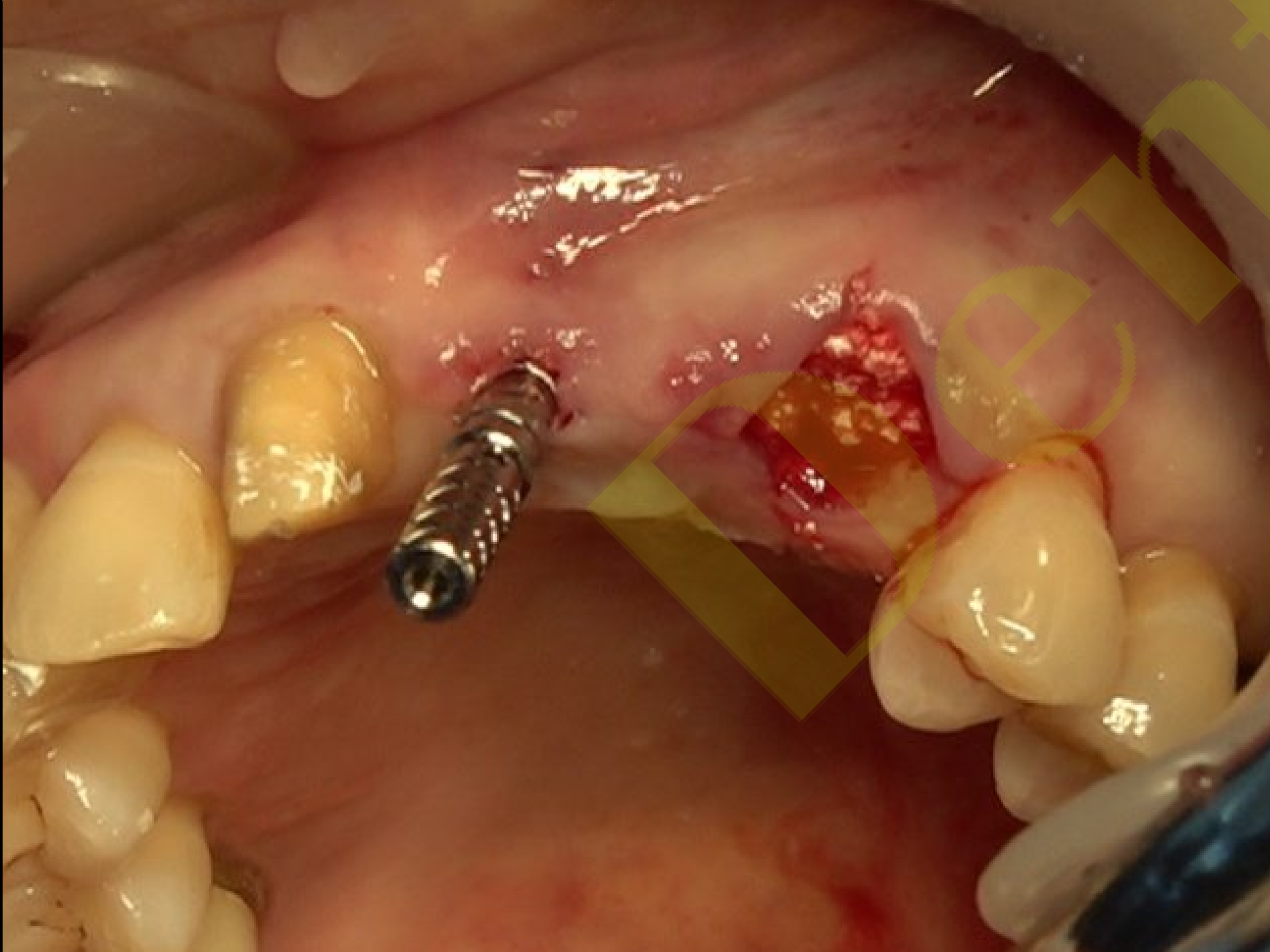
Extraction



Surgery (2023-09-06)

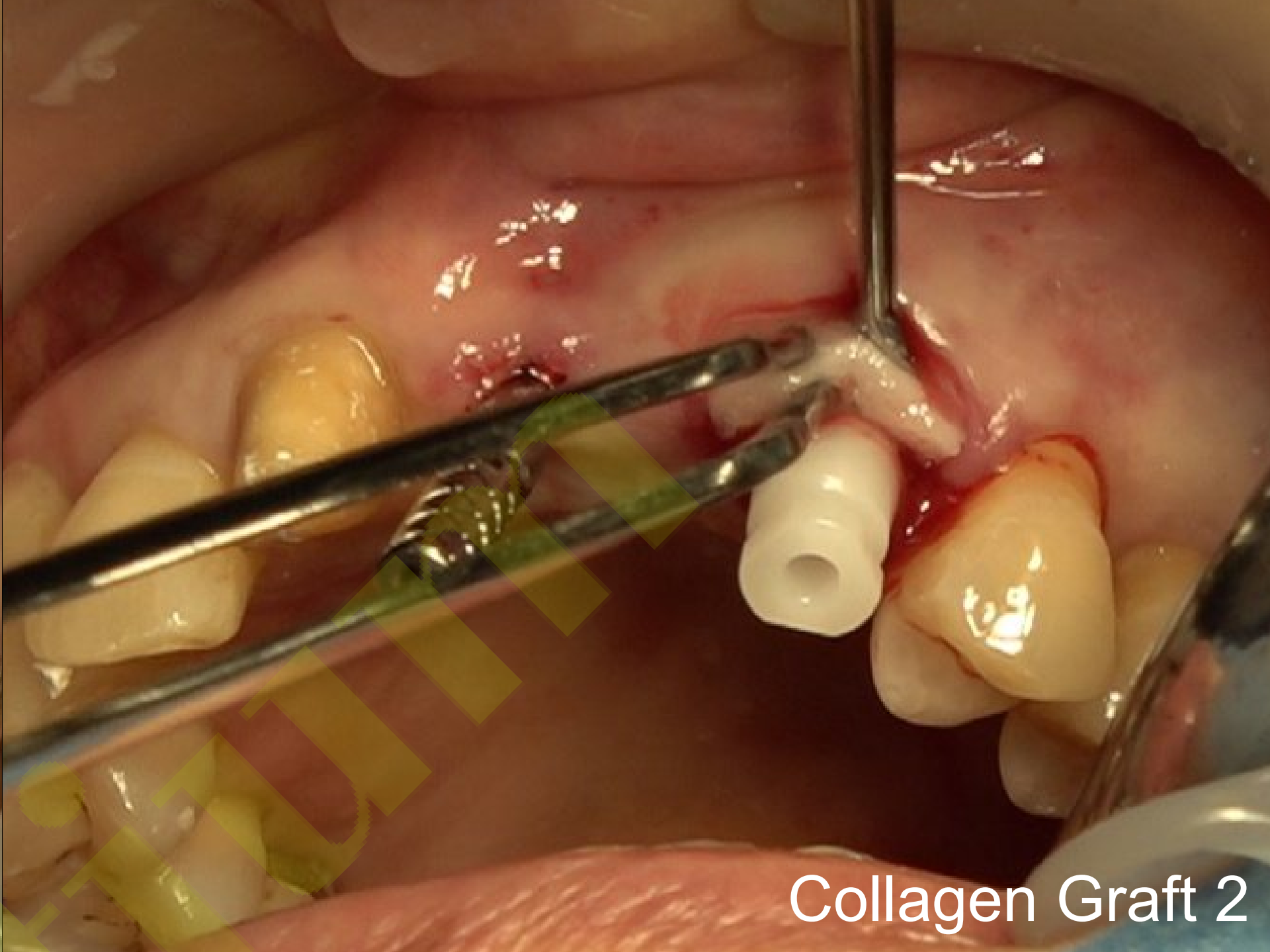
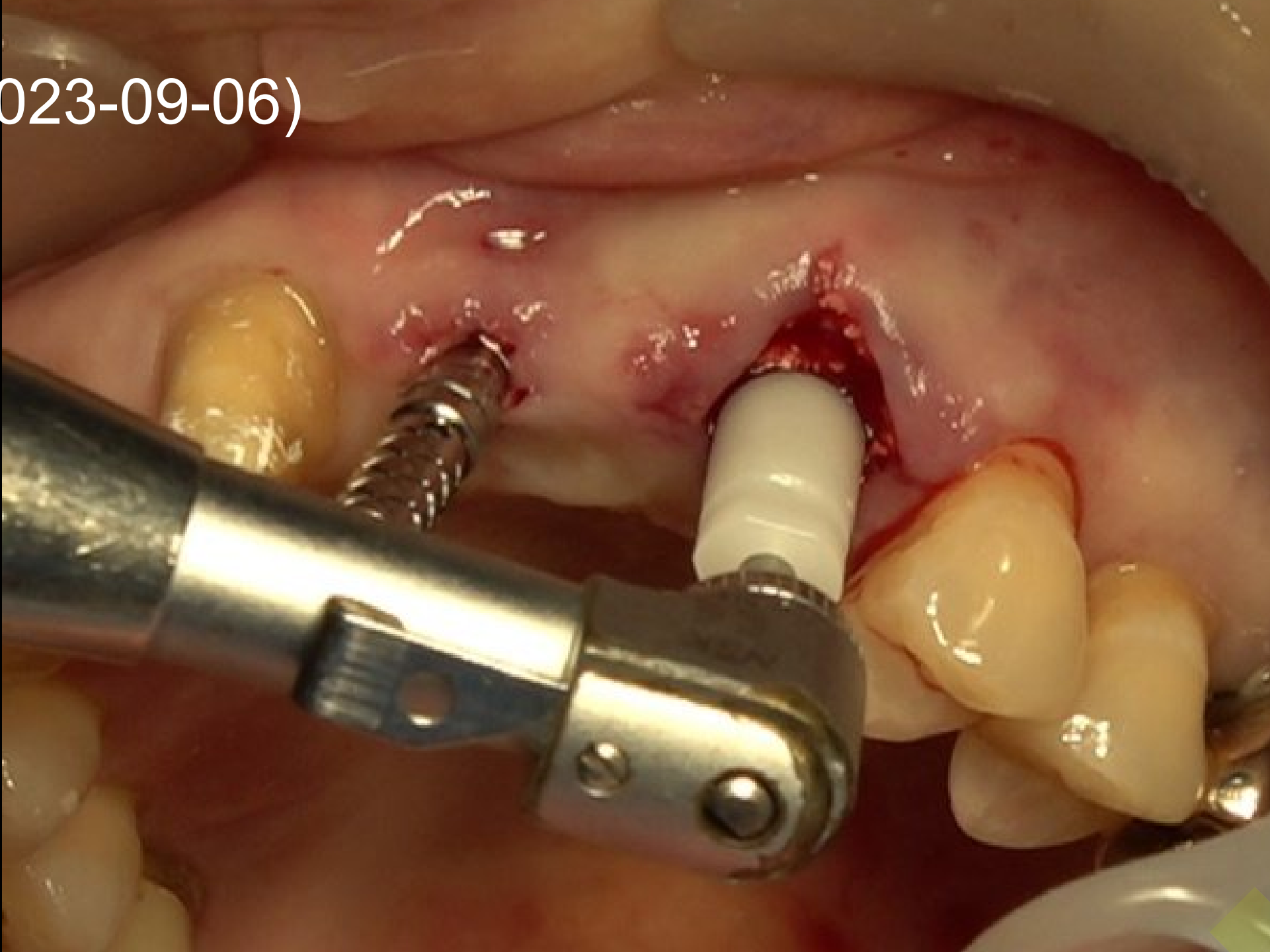


Osteon™ 3 Collagen

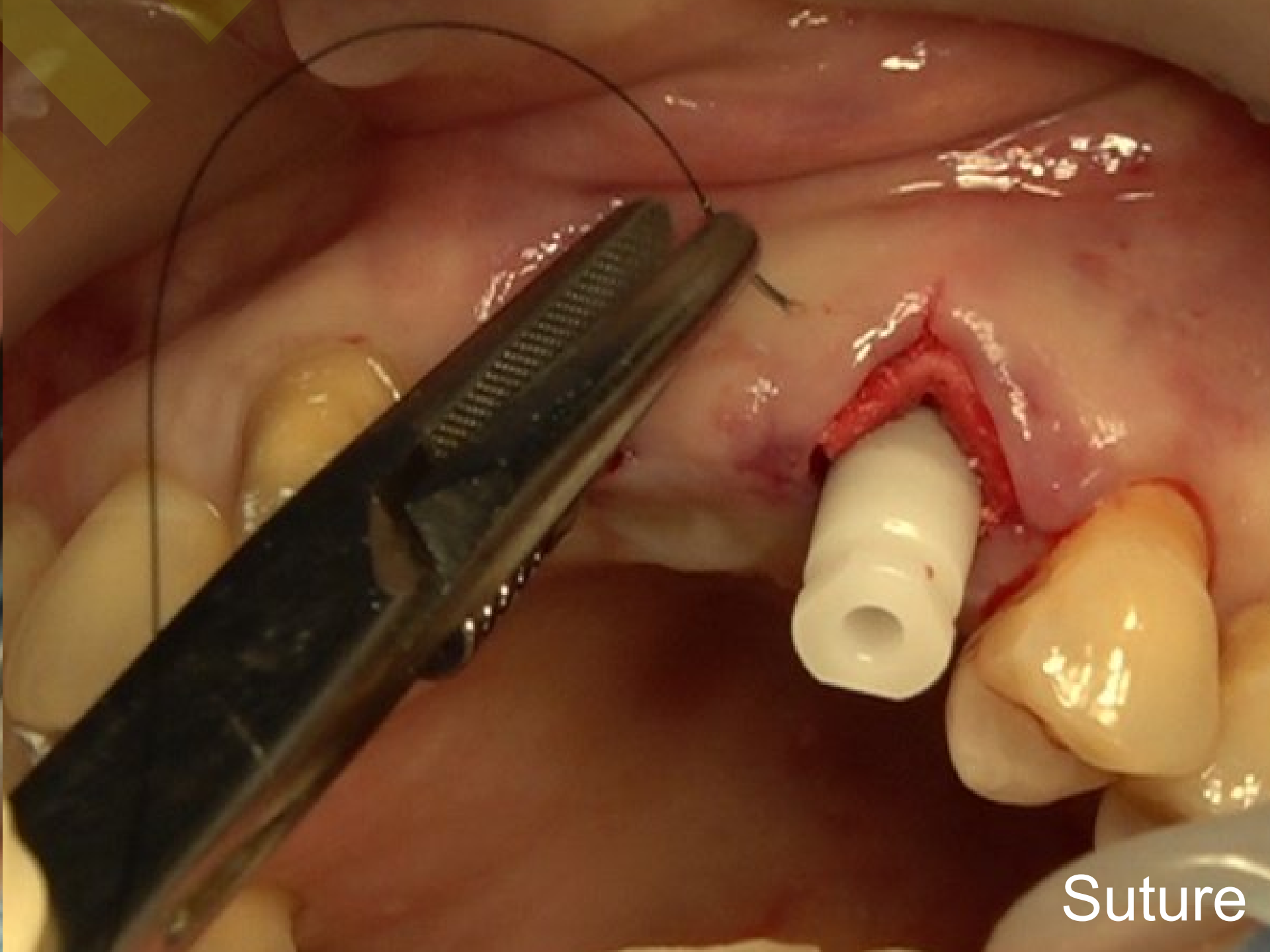
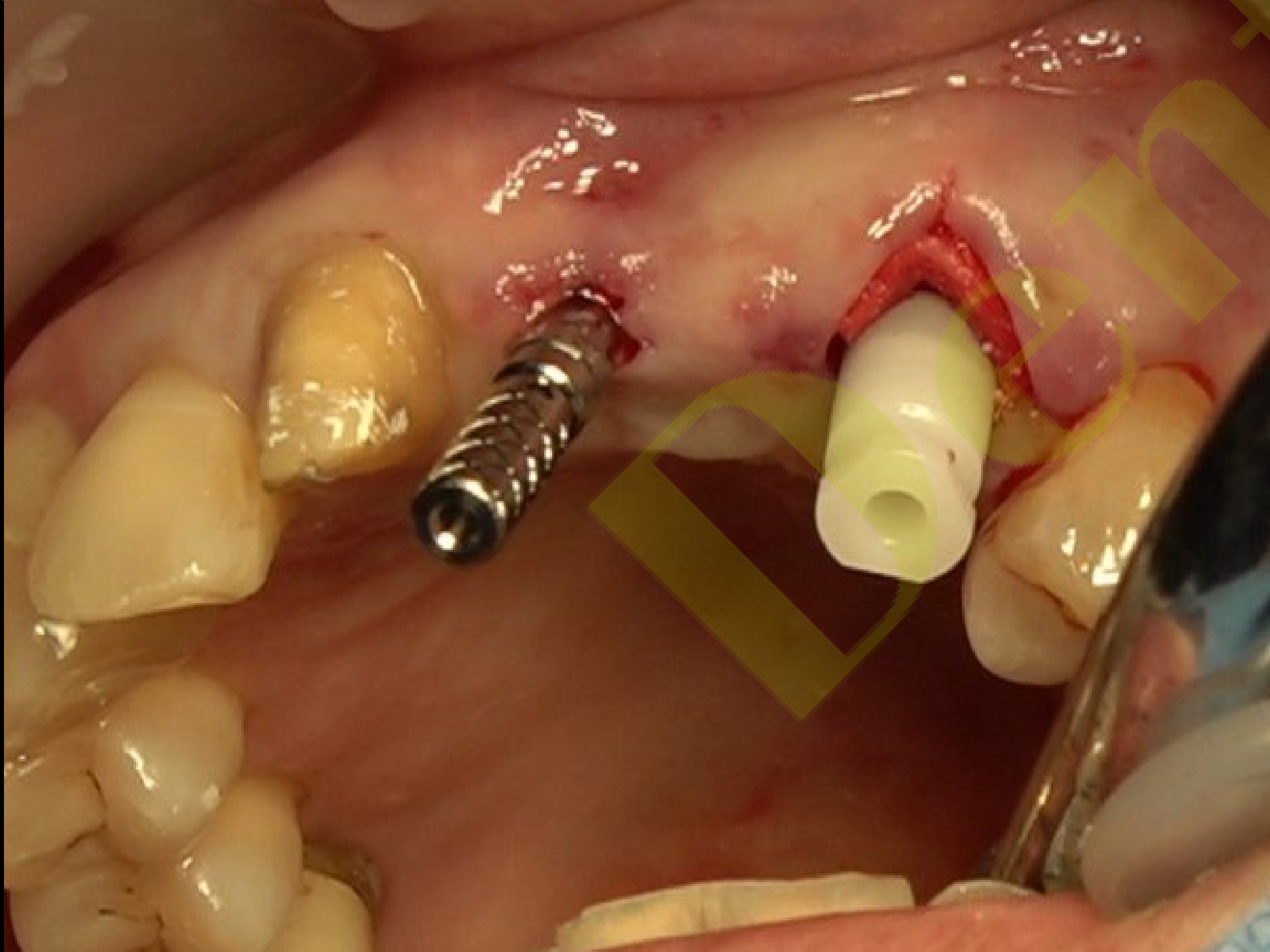


bright TL (Ø4.0 X 11)

Surgery (2023-09-06)



Collagen Graft 2



Suture

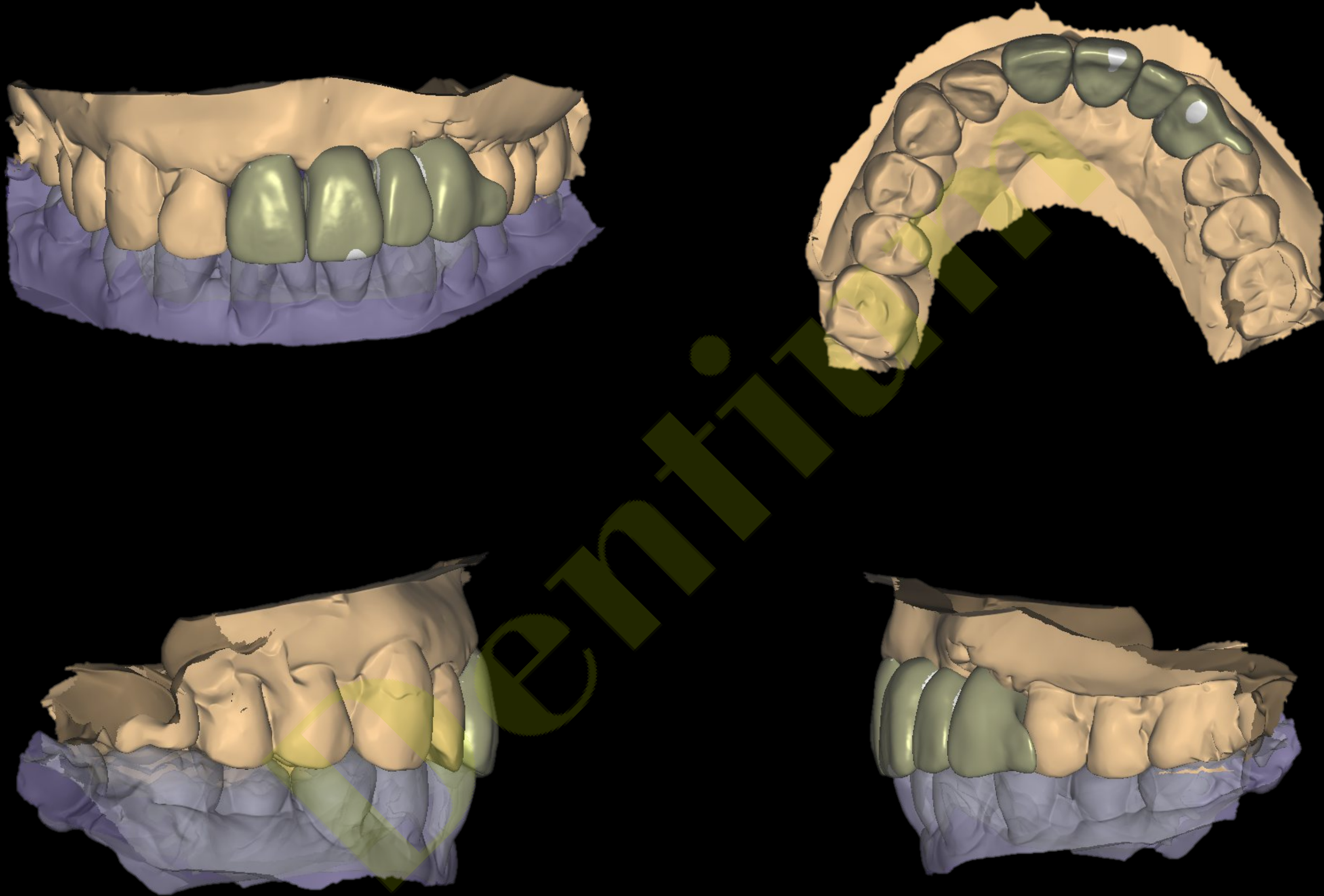
Post-op (2023-09-06)



Intra-oral scanning

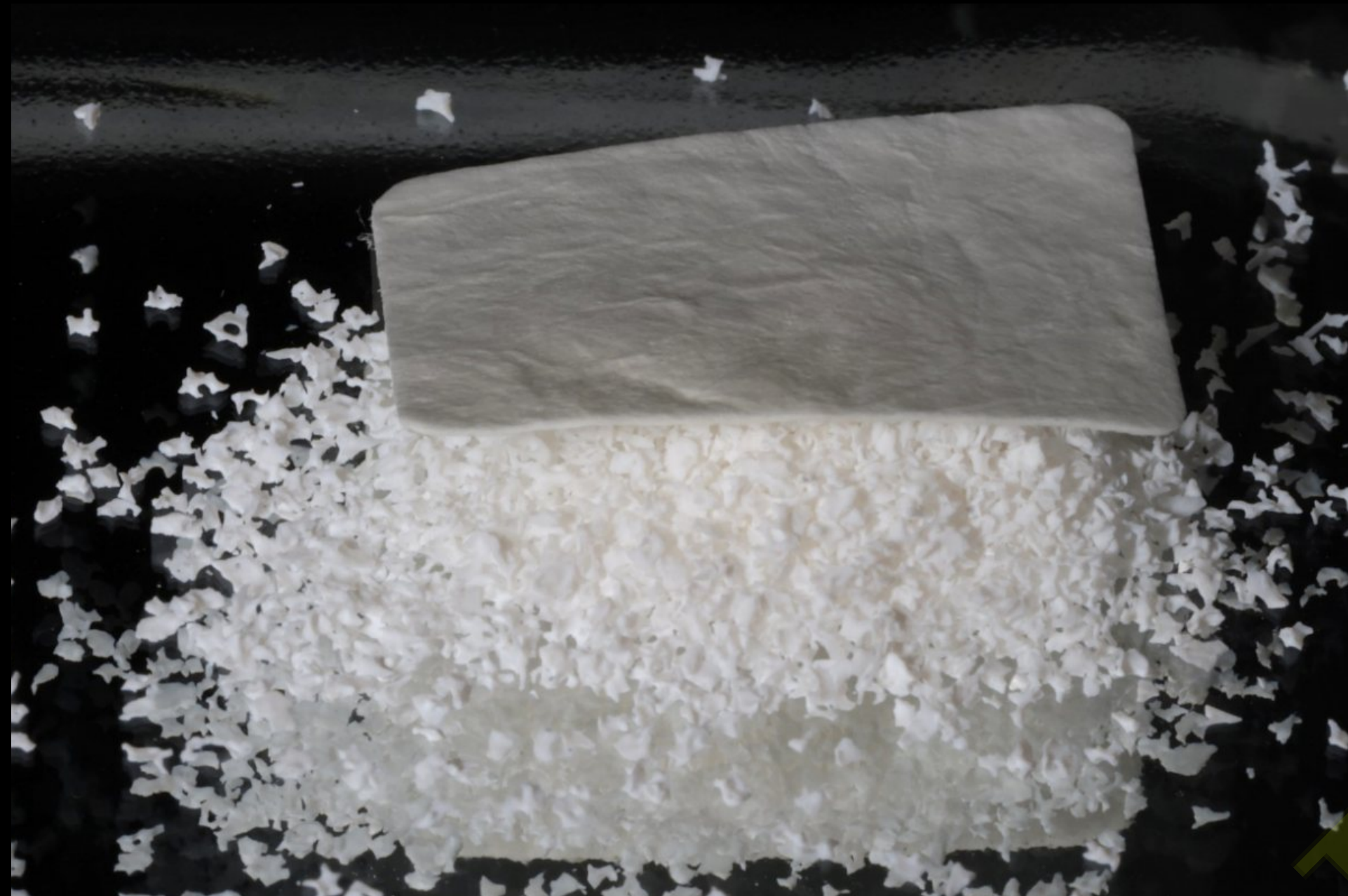


CAD (Temporary)

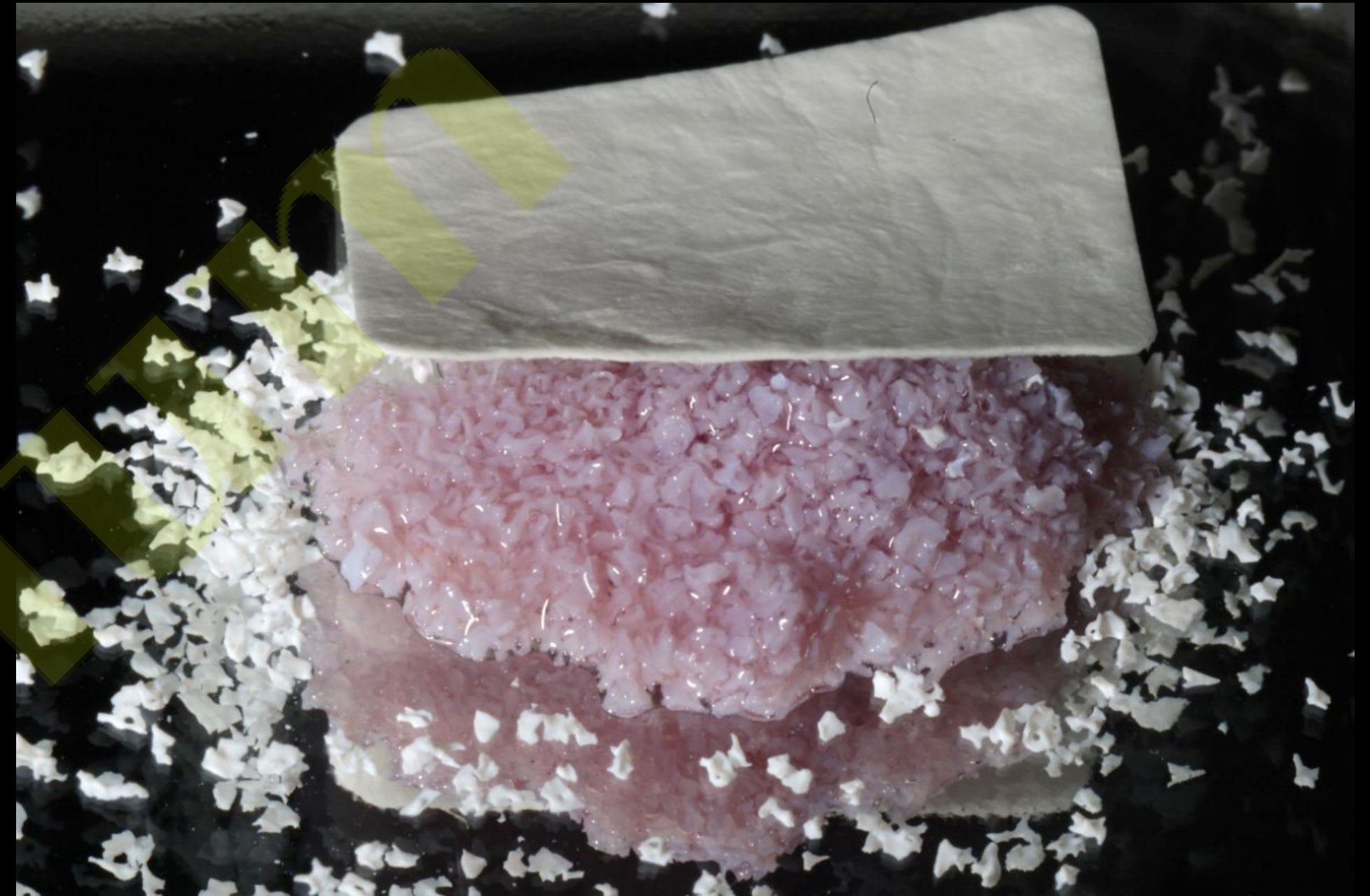


Provisional restoration (2023-11-02)





- **OSTEON™ Xeno**
- **Collagen Membrane**



- **OSTEON™ Xeno with PDRN injection**
- **Collagen Membrane**



- PDRN;
polydeoxyribonucleotide sodium

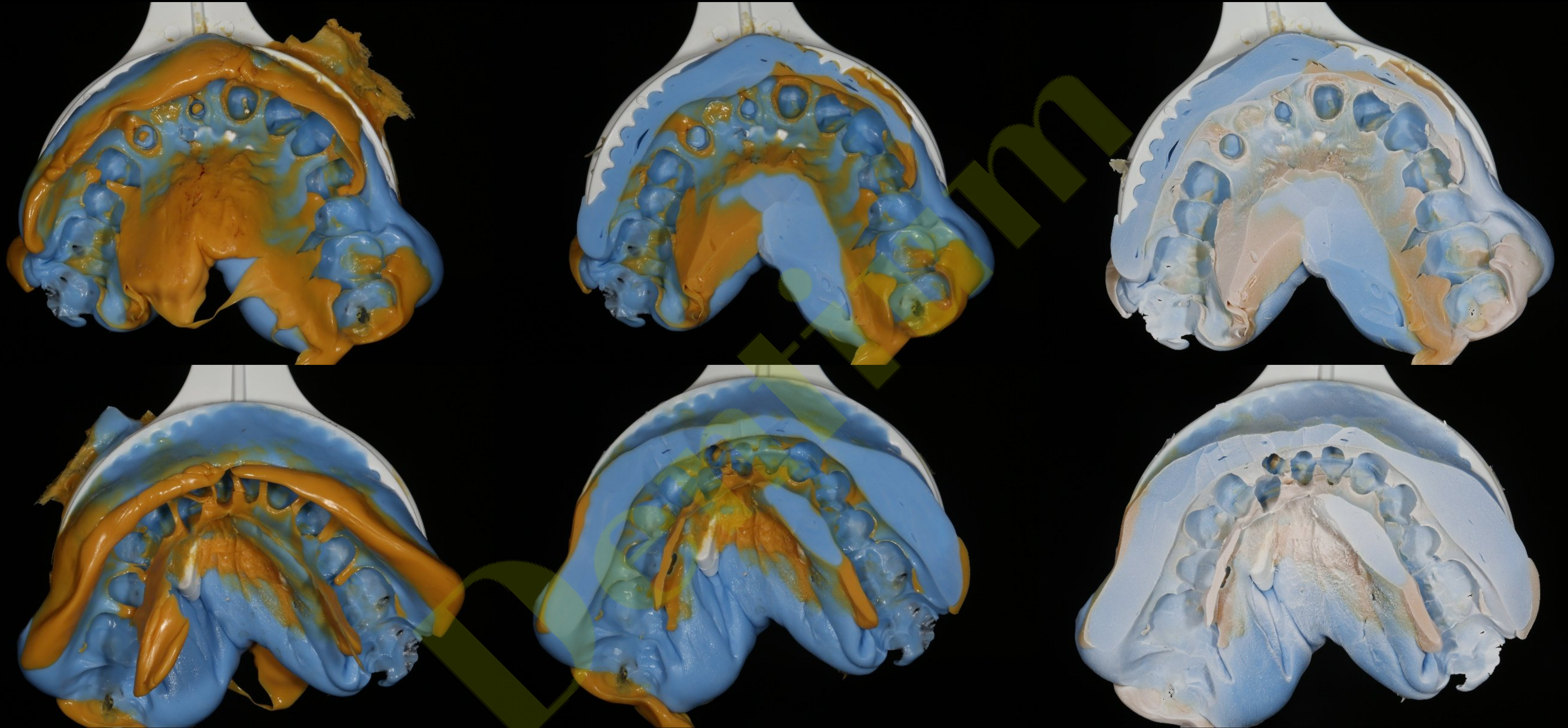


- Bone Patch

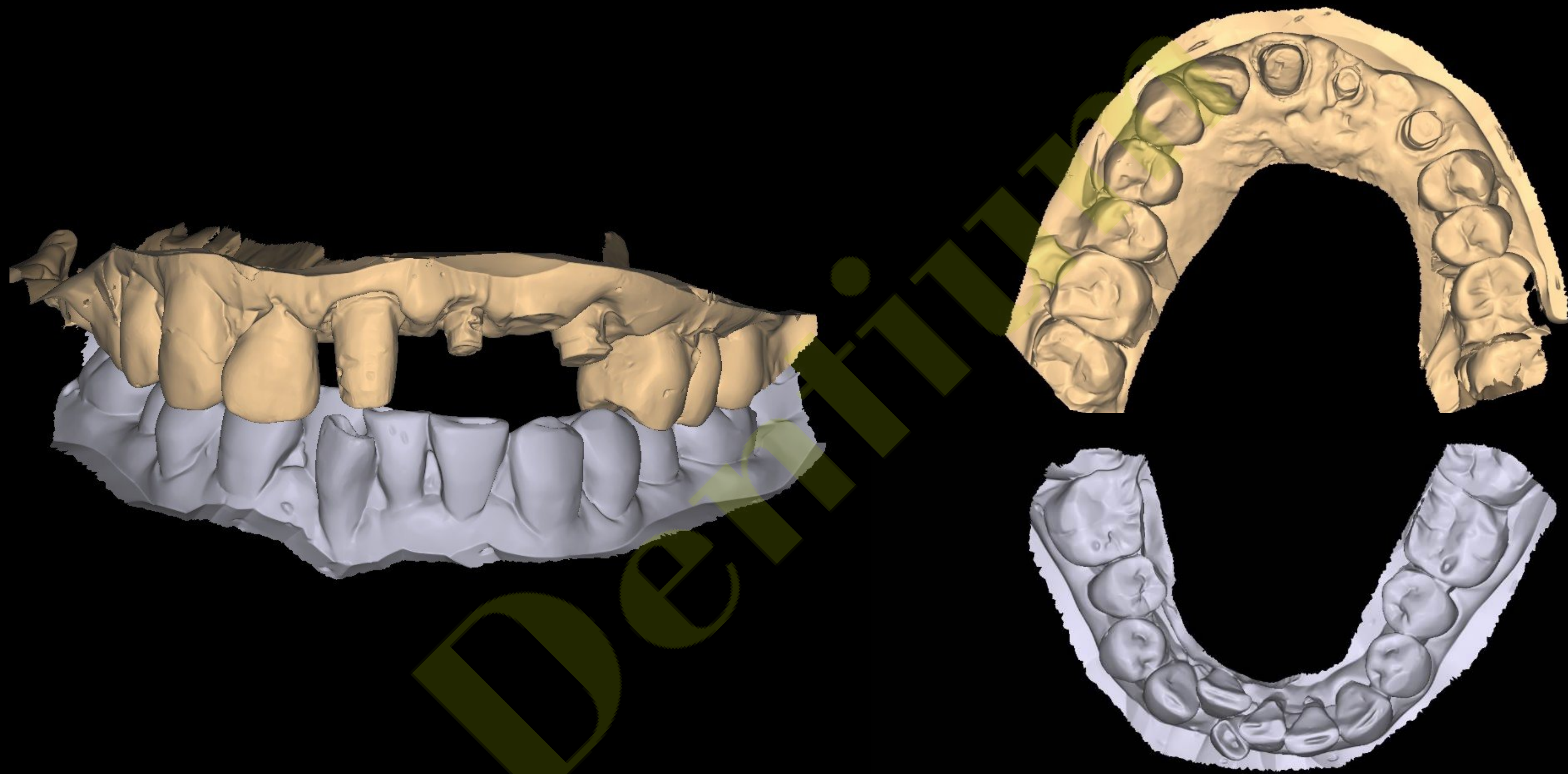


- OSTEON™ Xeno Collagen
- Collagen Graft 2

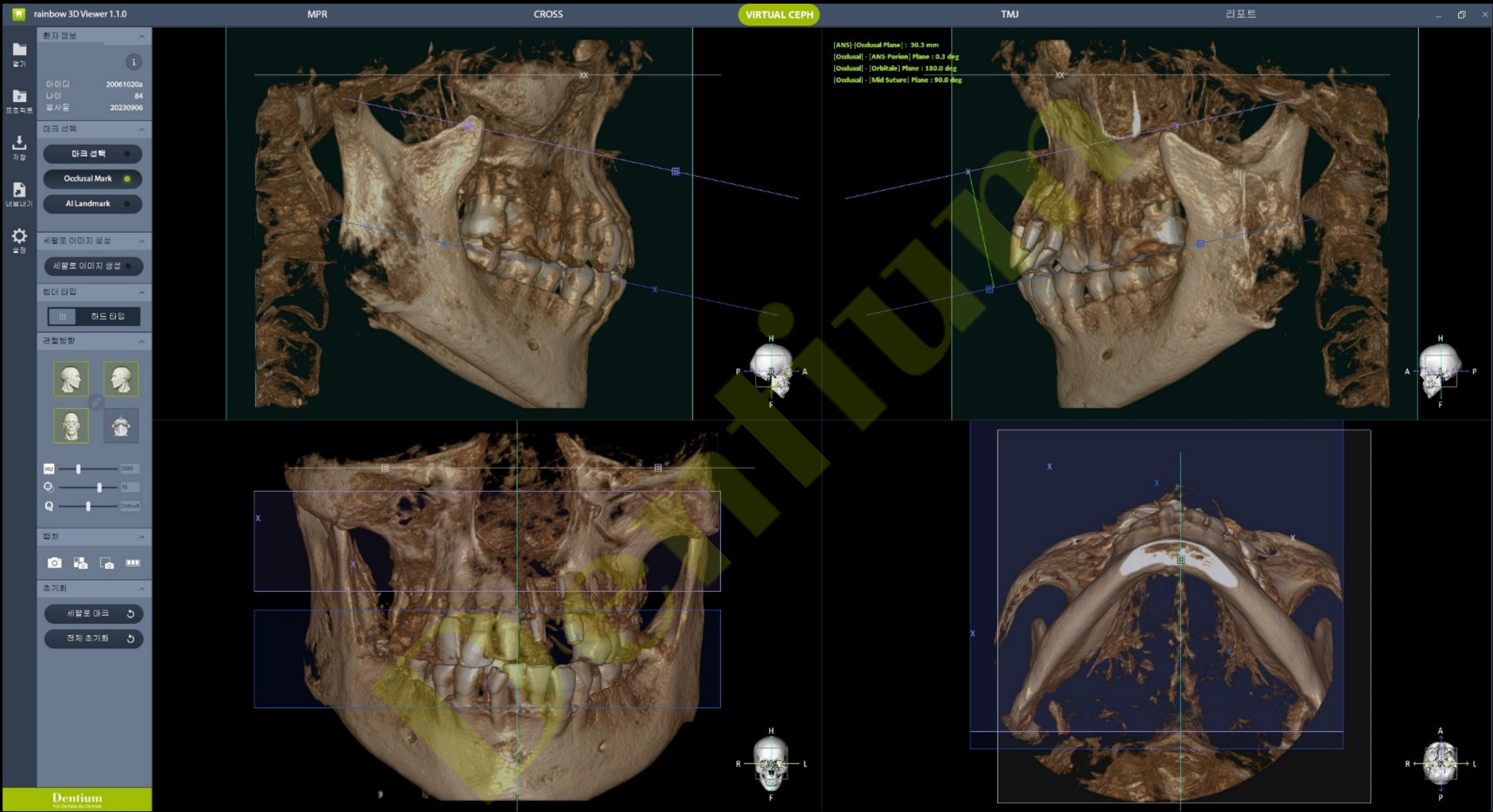
Impression / Trimming / Scan spray



Working Model



CT STL export (rainbow 3D Viewer)



bright CT 진단에서 치료로

Super Low dose & Large FOV (17.5X15)

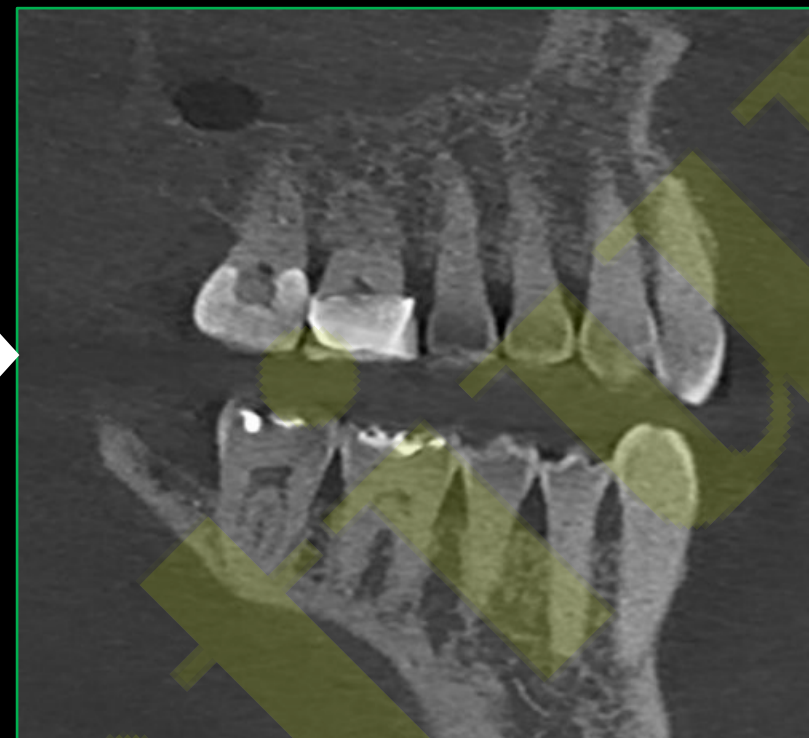
100%



20% Low Dose



10% Low Dose

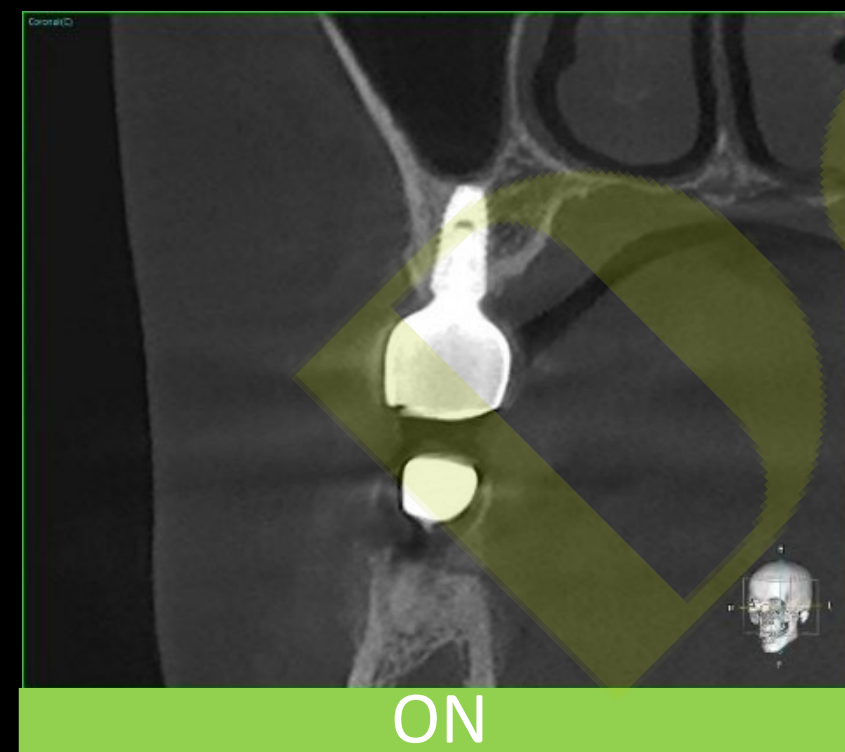
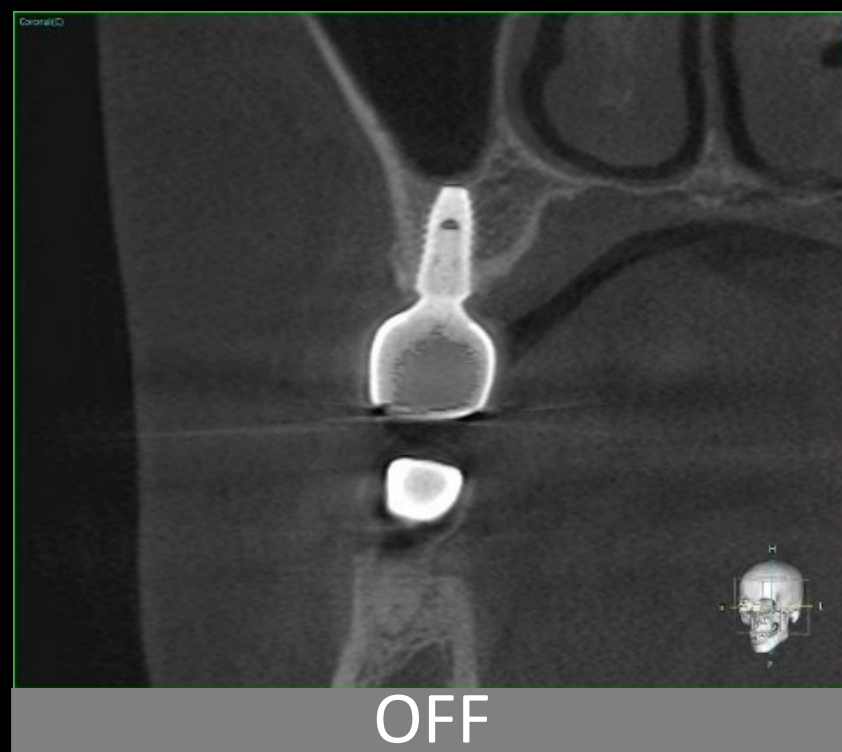


Large FOV



17.5X15 (2Tile Stitching)

bright Metal Artifact Reduction : Clear Image

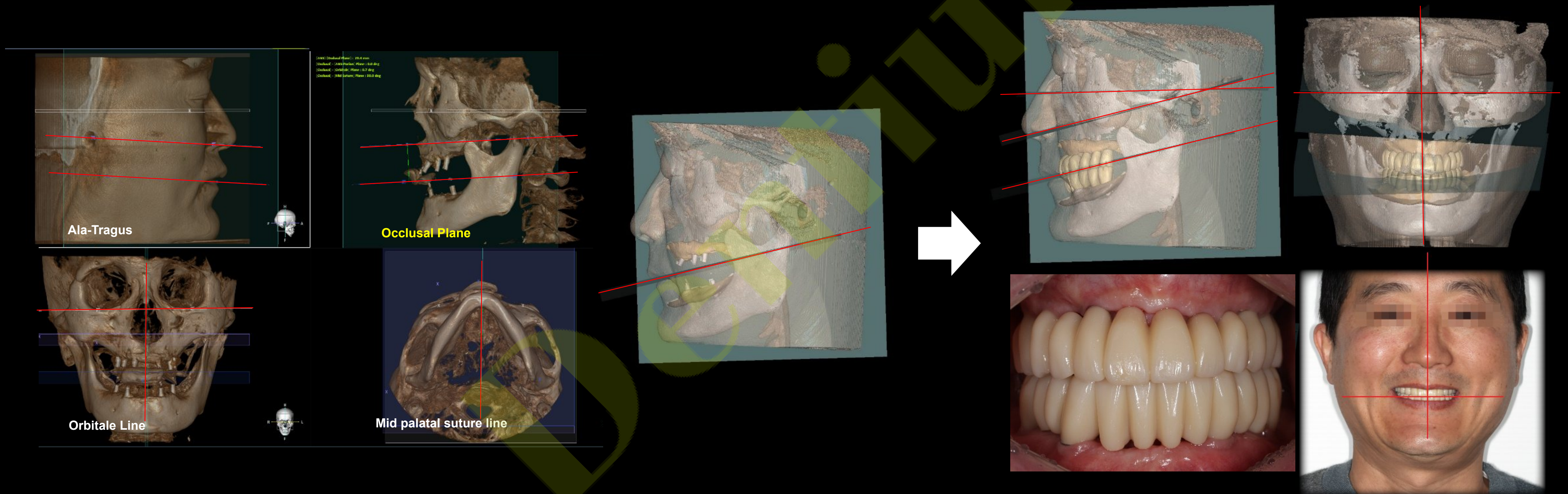


New Function

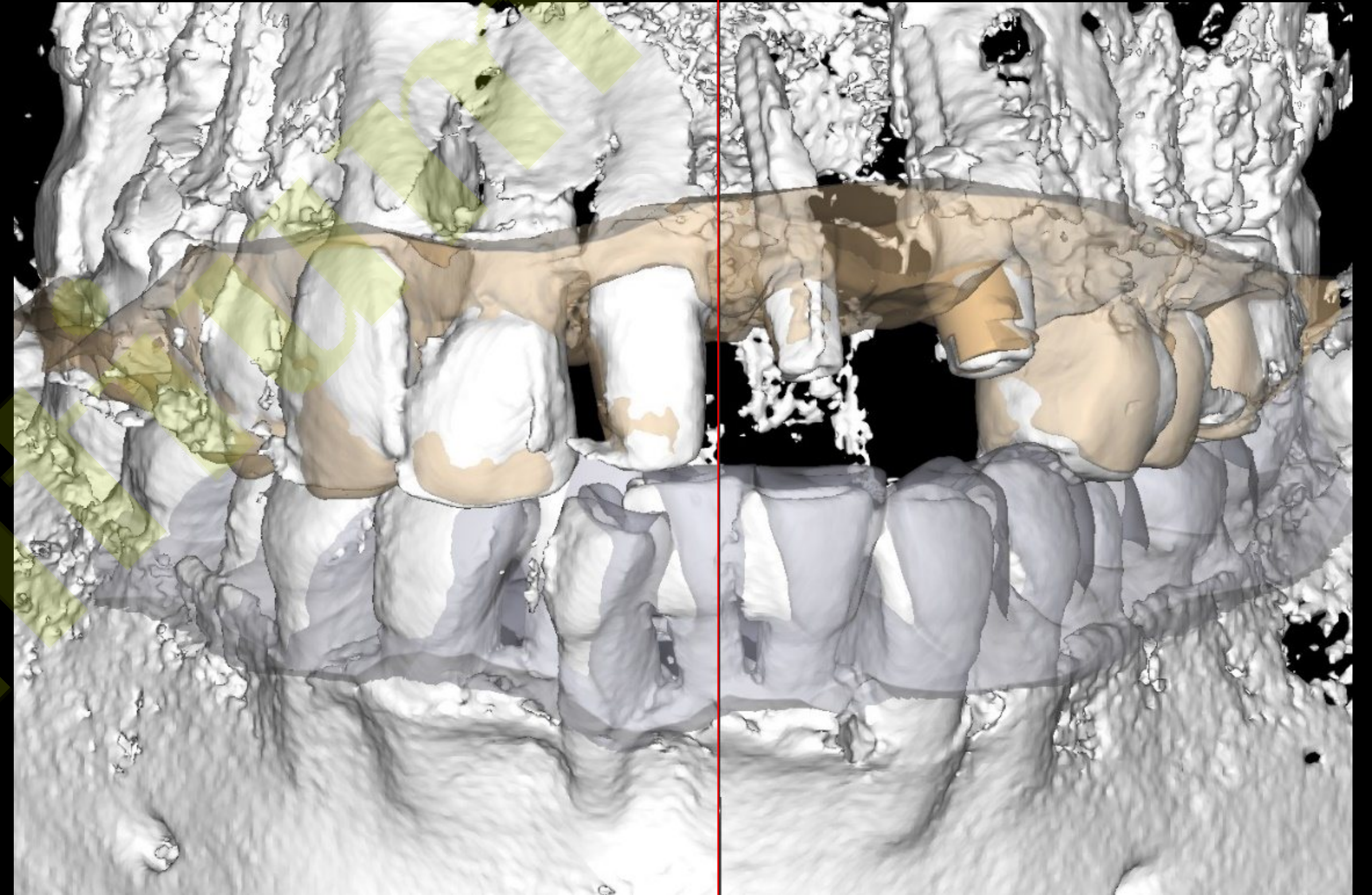
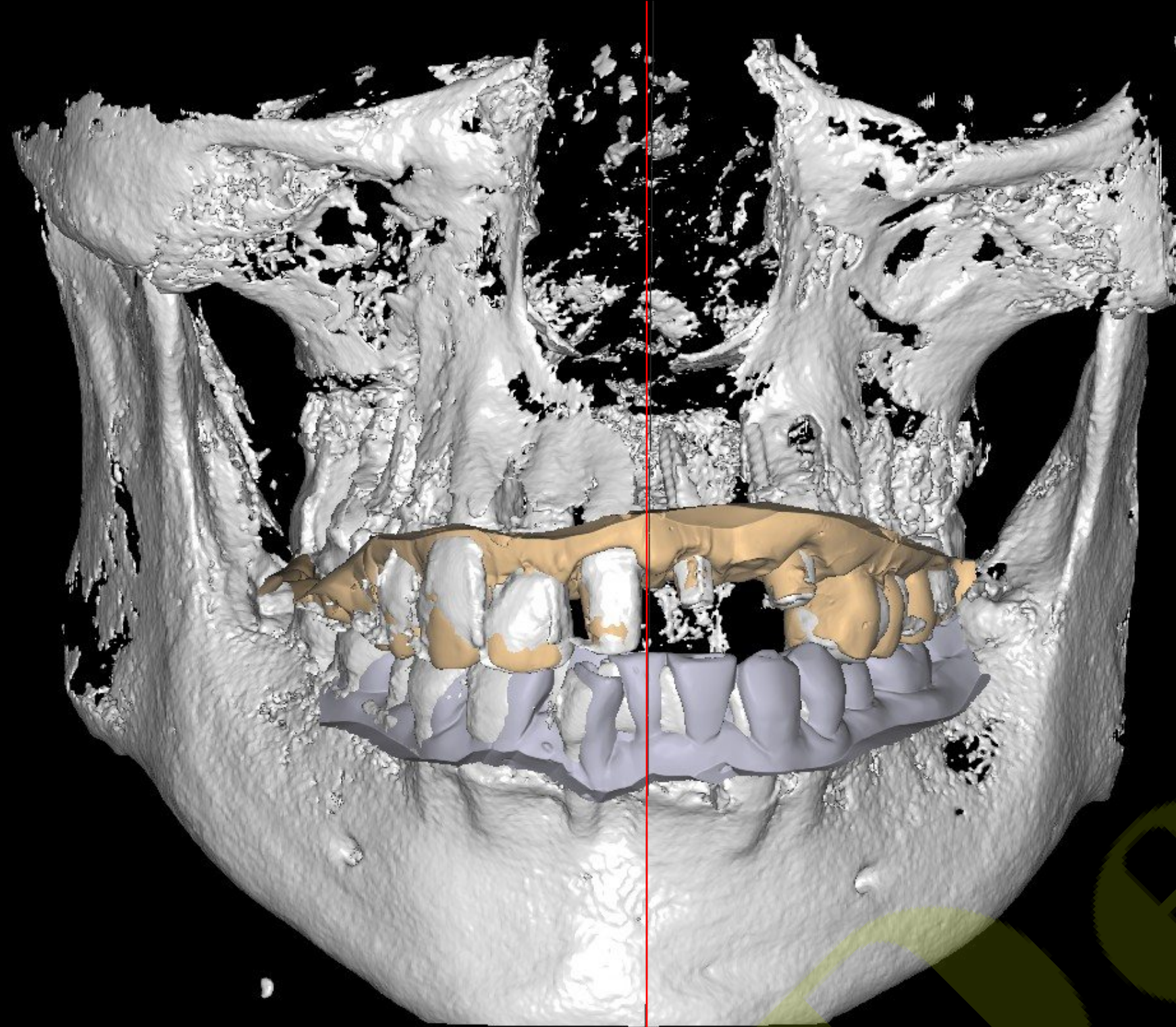


AI Occlusal Plane

Auto Set occlusal plane from anatomical landmark on CT



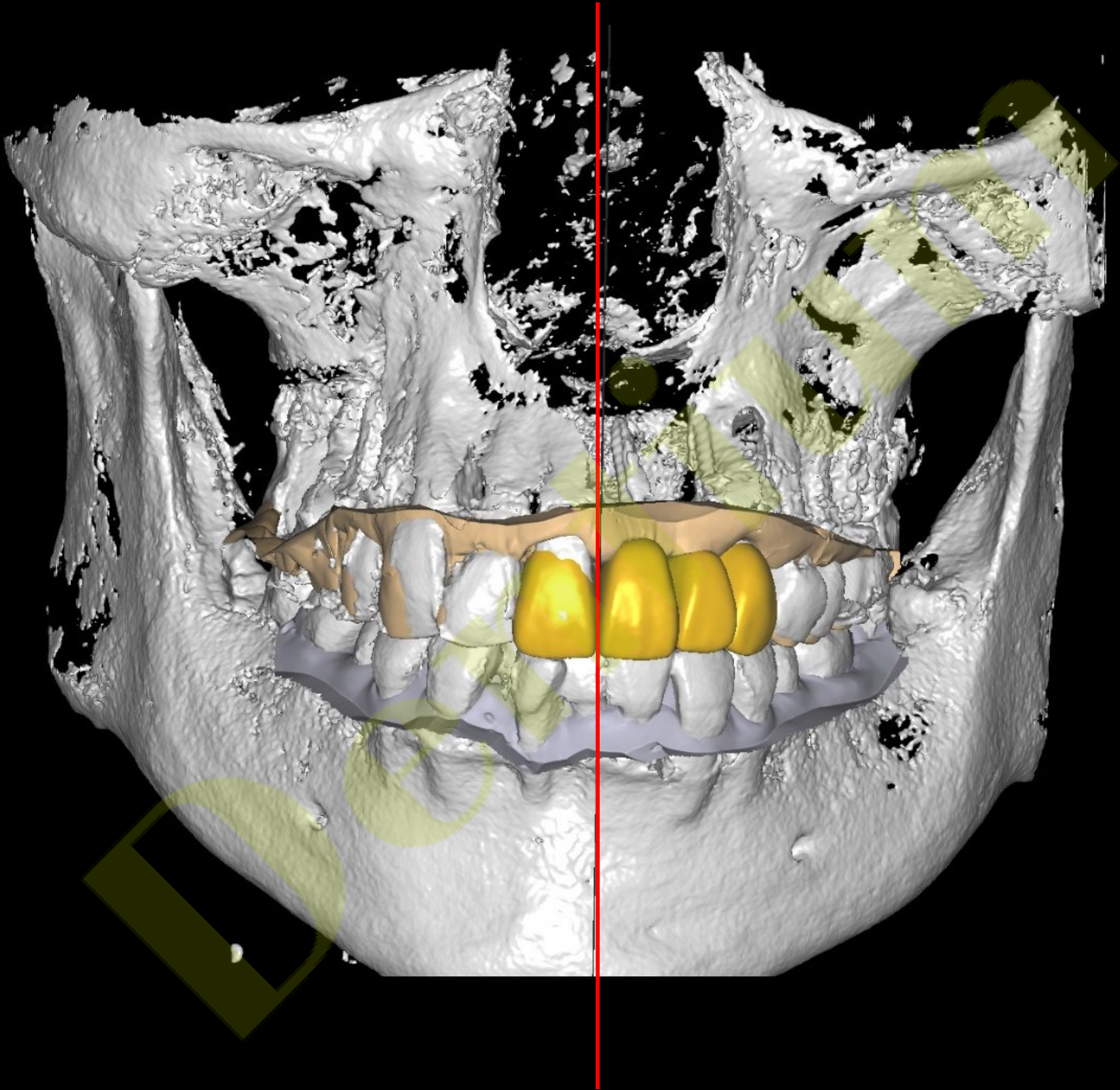
CT STL & working model stitching



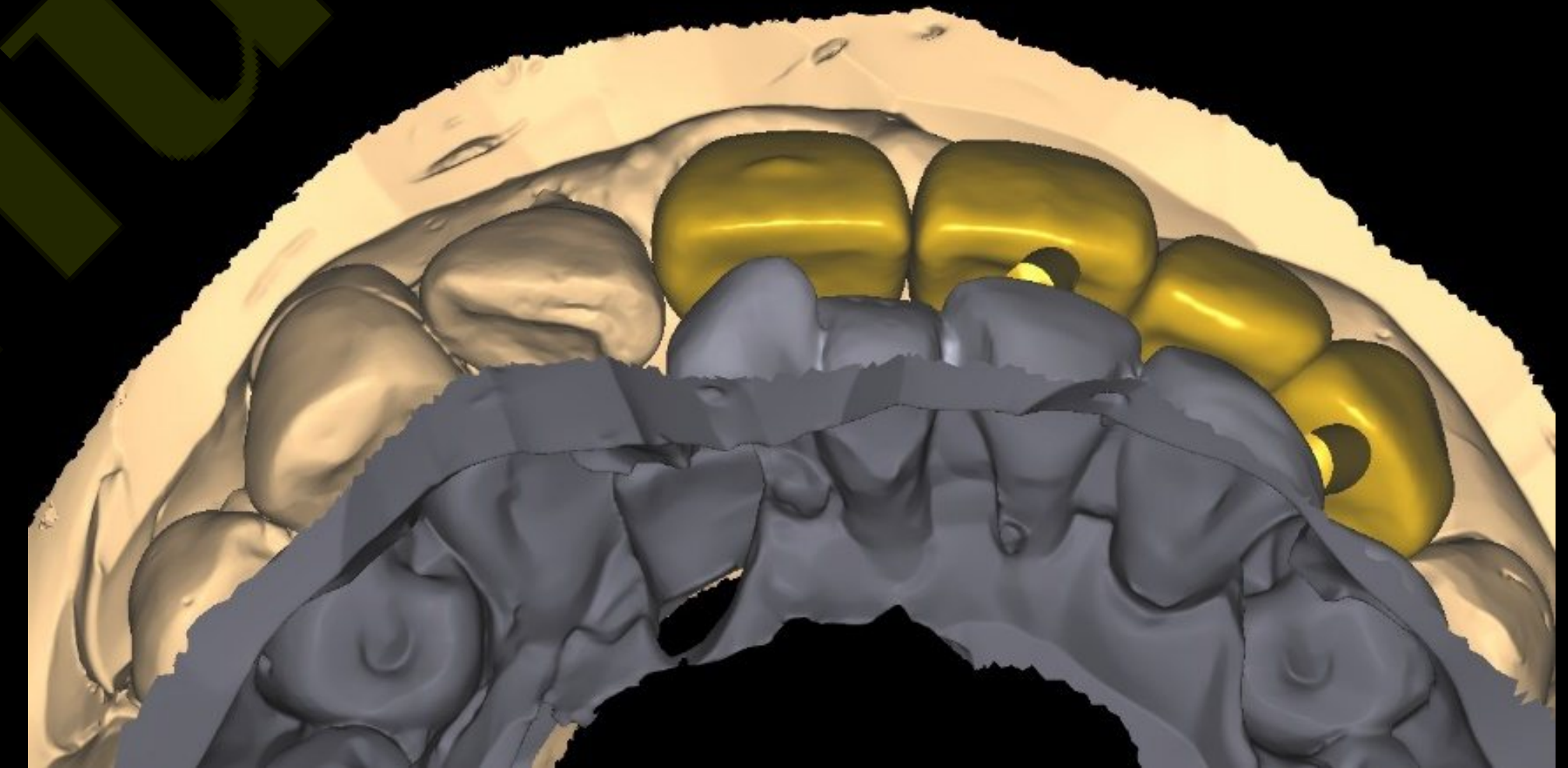
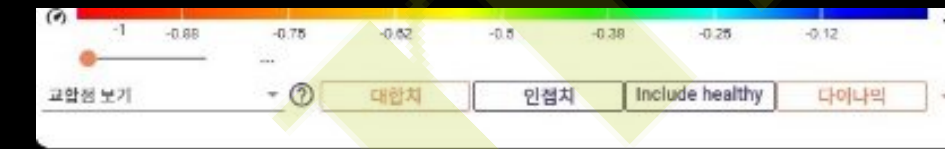
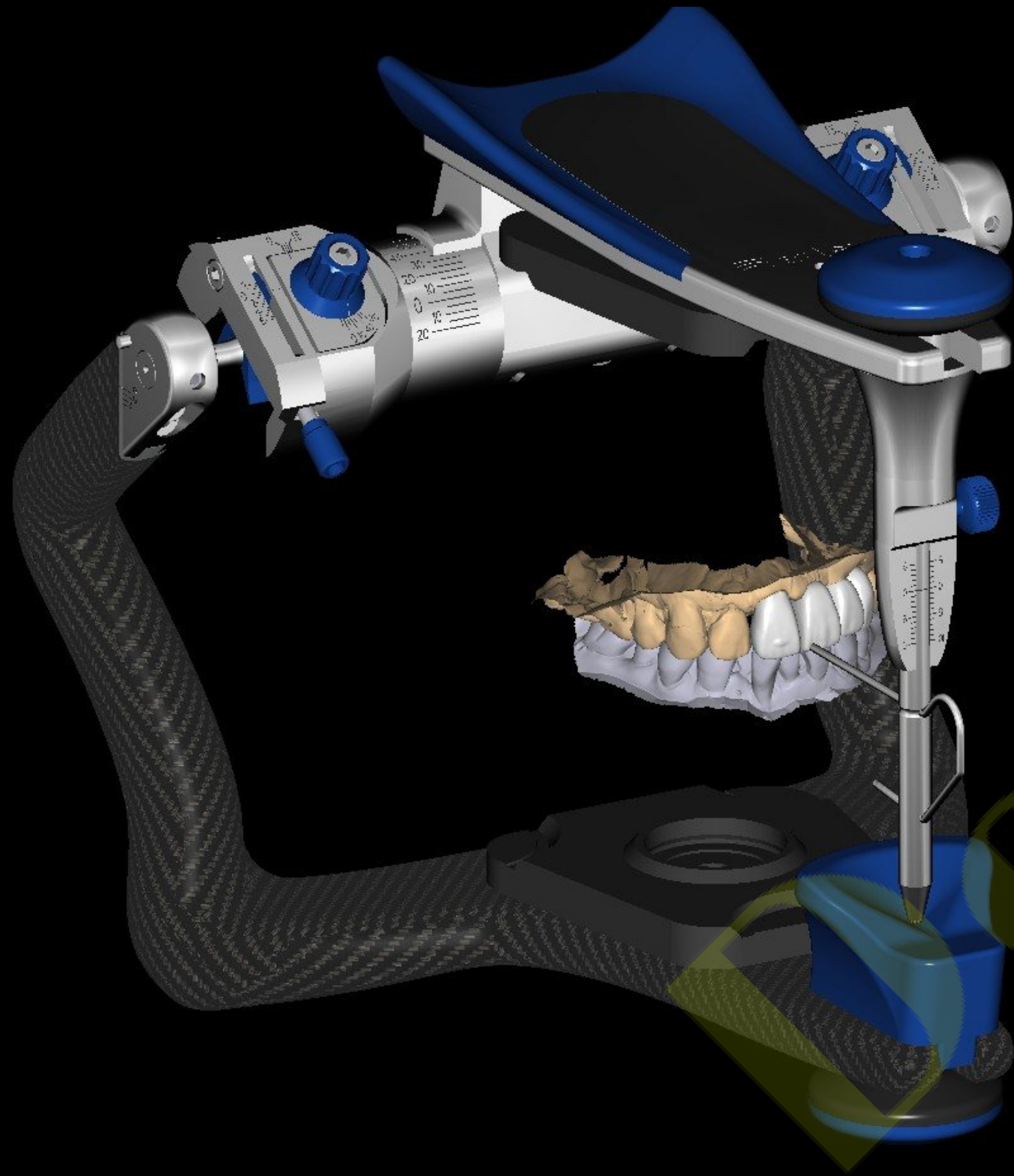
CAD (Final prosthesis)



CT – Cad design stitching



CAD : Mounting with virtual articulator



Shade taking(A3)



Hyper dent



A3 22T 3Layer Block

Milling / Coloring / Sintering / Glazing



Inner – White Opauqe



Final prosthesis (2023-11-02)



bright 3-Layer

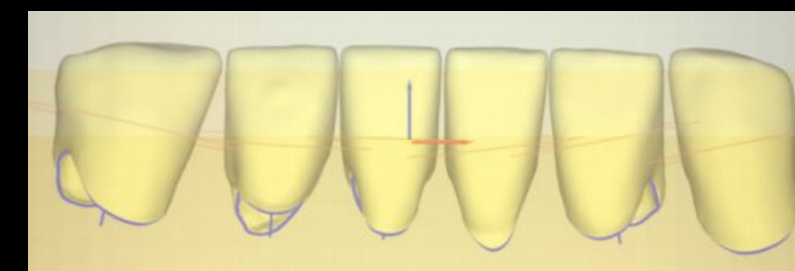
49% Transparency
층간 자연스러운 Value변화



No Coloring & Staining

직관적인 색 결정

절단층과 중간층 고정



2 types of Zirconia

3 layer of different value

2 hour fast sintered mono block

3 layer Zr block



5 Y

Translucent 48
Value -0.3

5Y + 4Y

Translucent 47
Value 0

4Y

Trandlucent 46
Value +0.3

6) Natural teeth prosthesis _ upper Anterior

Final prosthesis



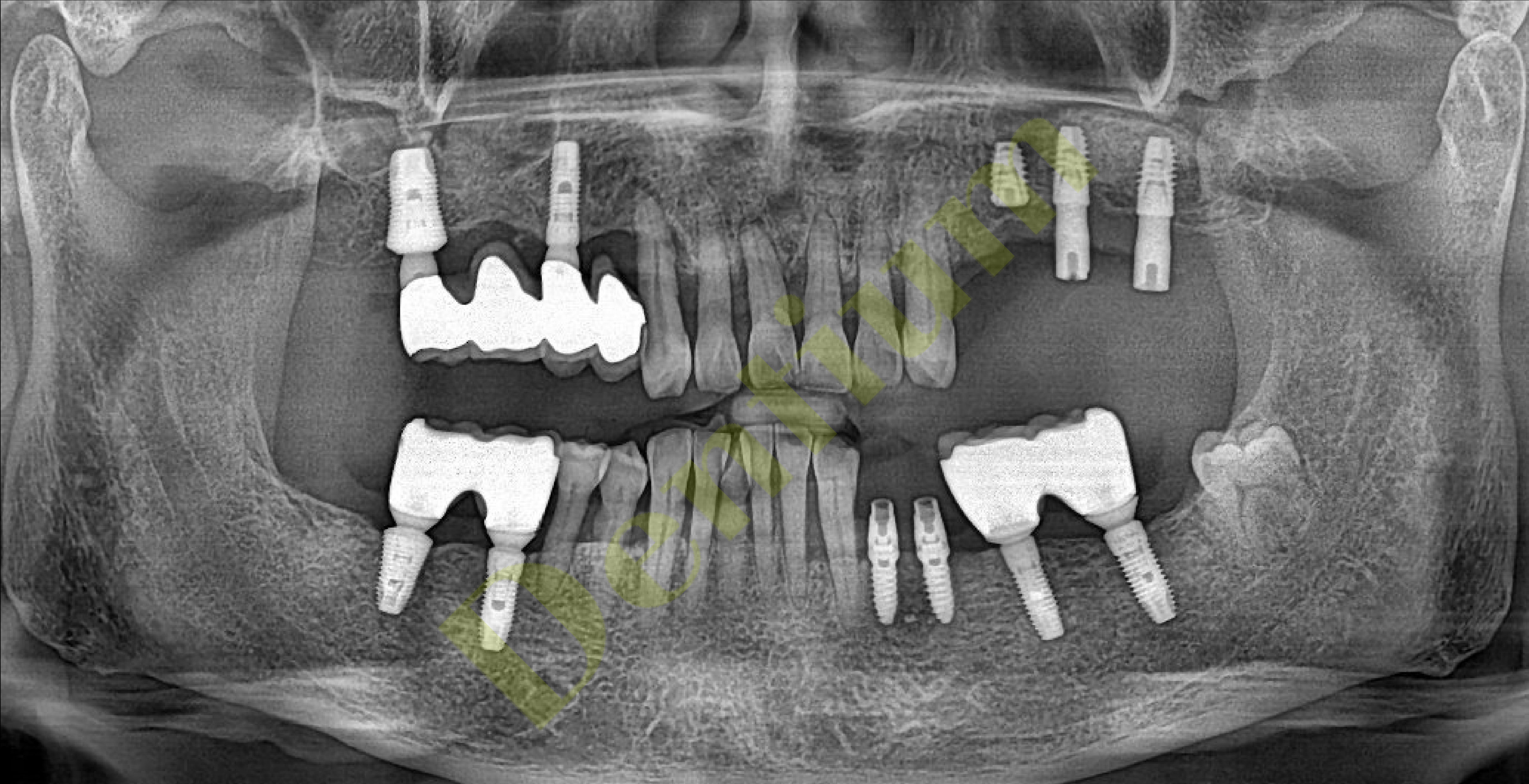
내면 – White opaque



bright 3 Layer A3



Oral exam





- Bright Impress **Light**
- Bright Impress **Medium**
- Bright Impress **Heavy**
- Bright Impress **Bite**
- Bright Impress **Putty**
- Bright **Bite Tray**

Dentium

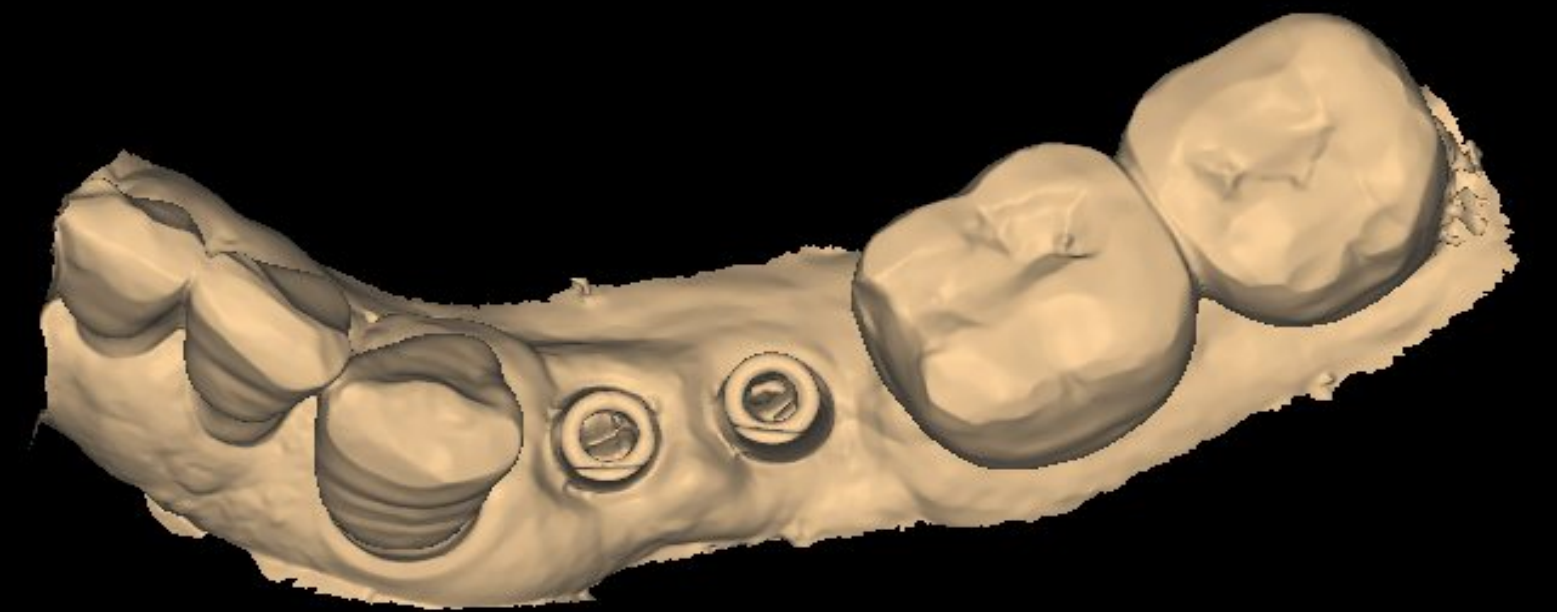
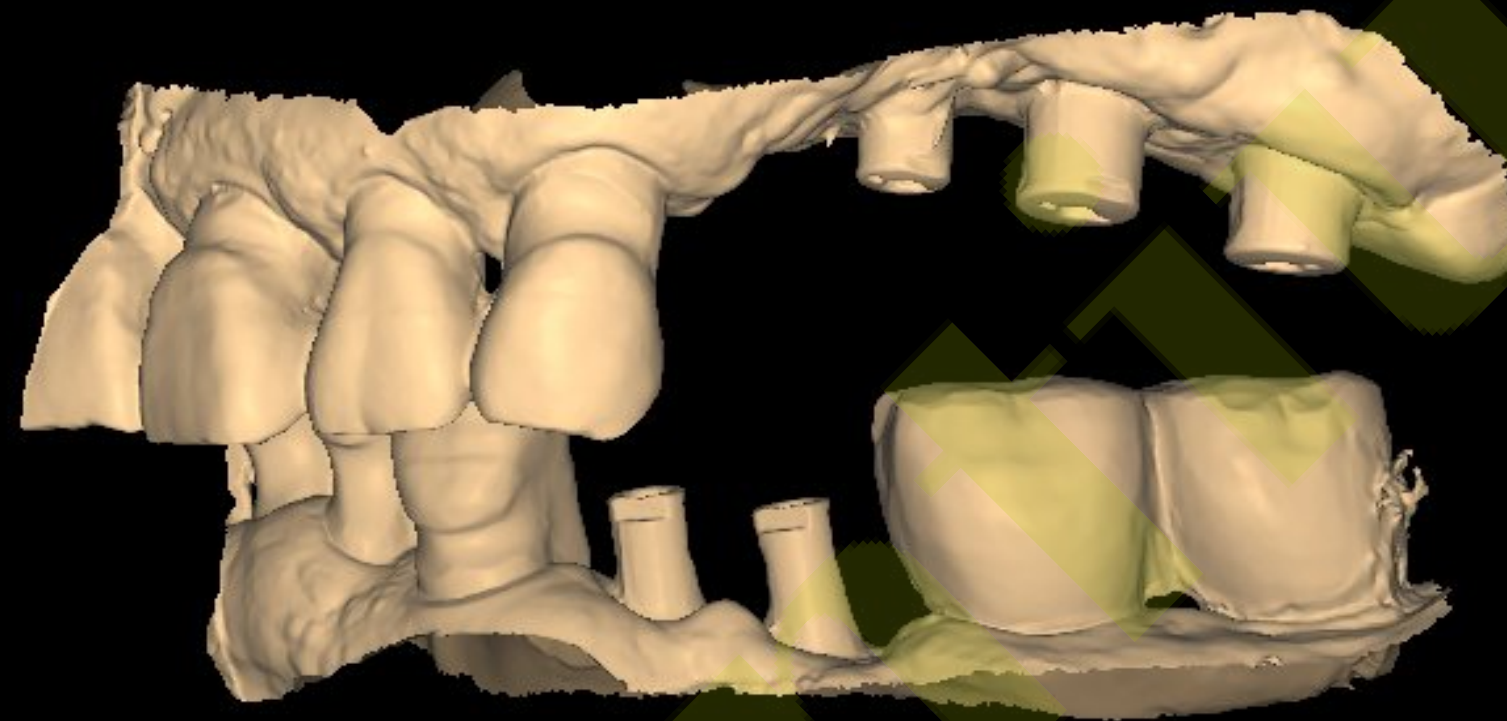
Impression / Trimming / Scan spray



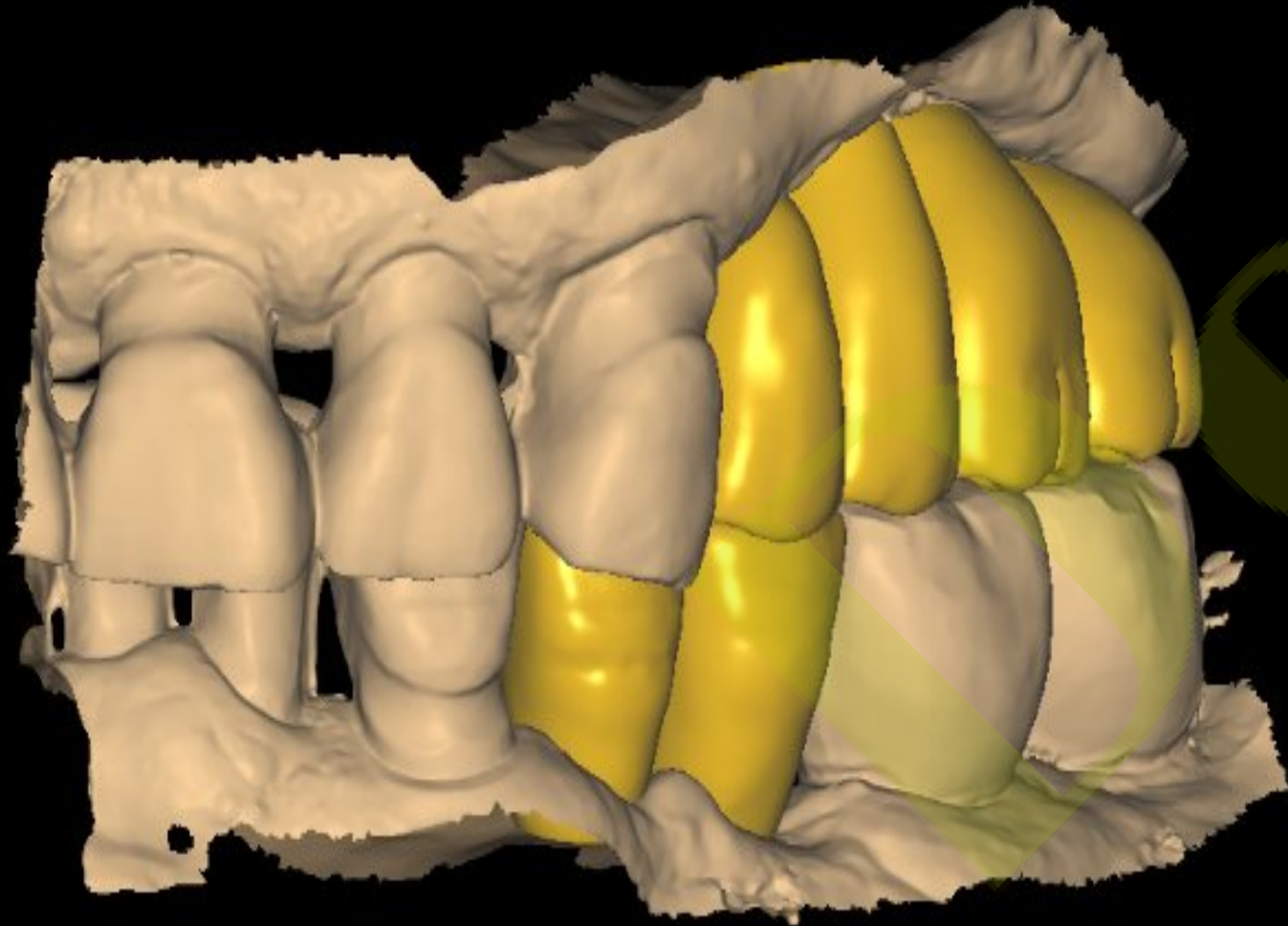
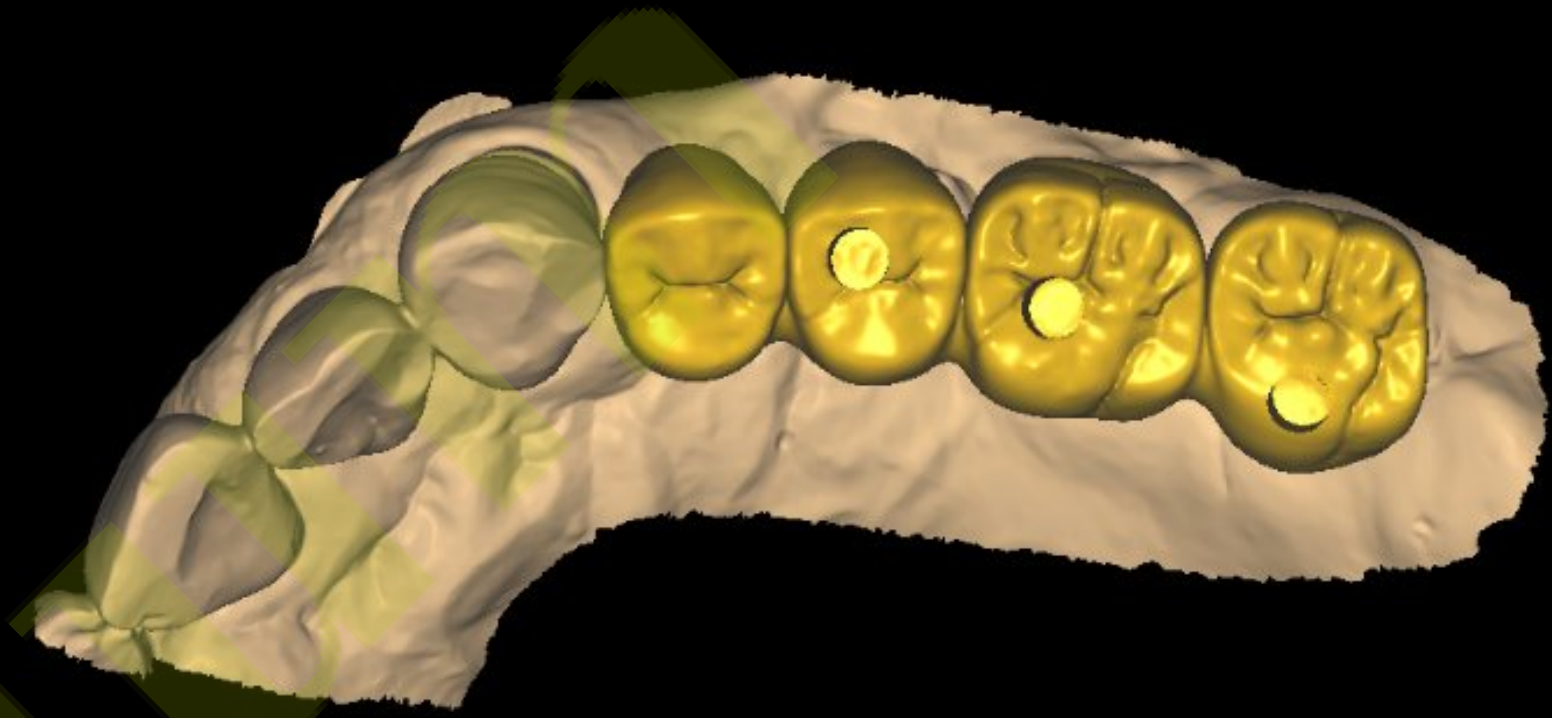
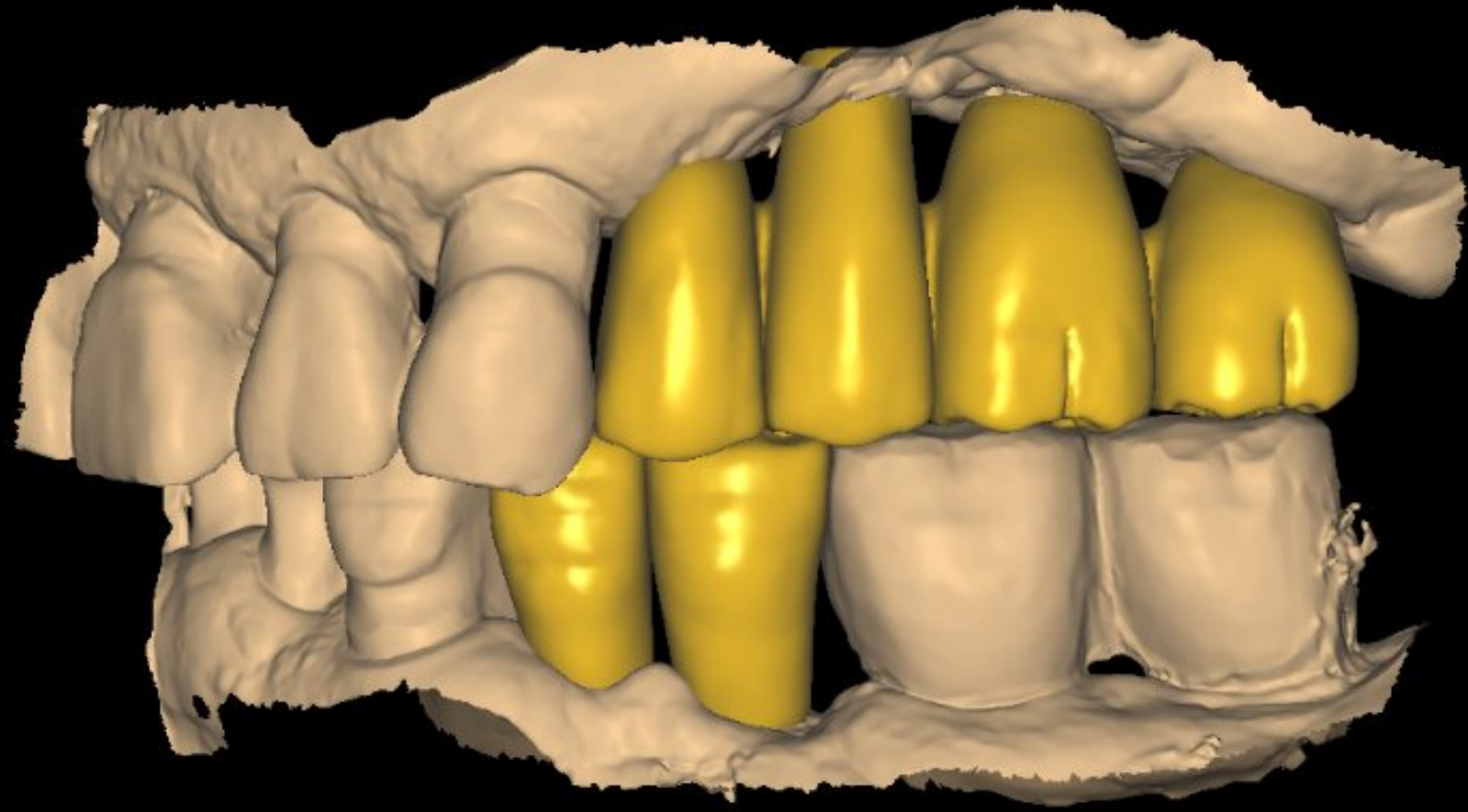
Impression scan / Working Model



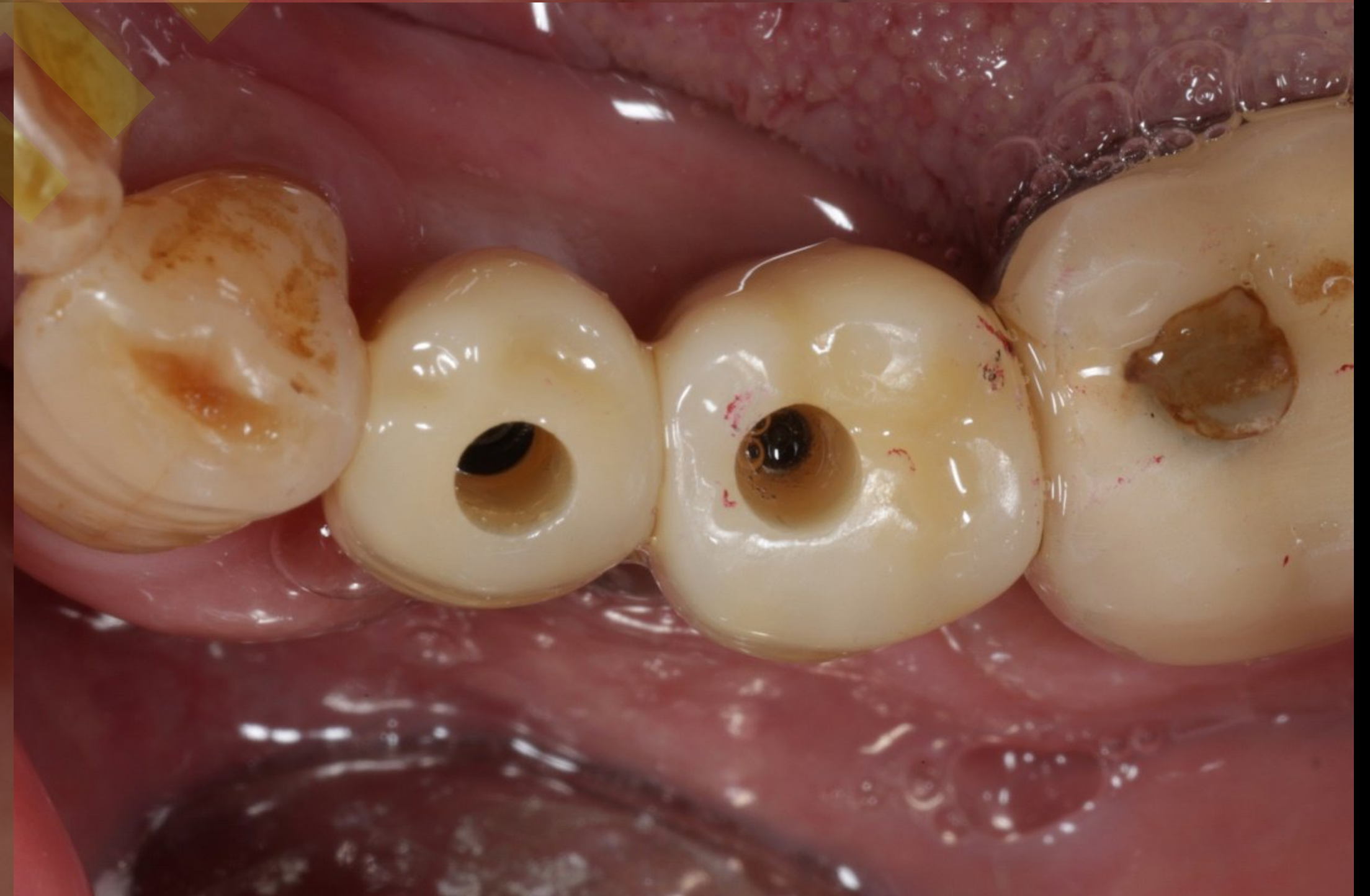
Shining 3D
AutoScan-DS-EX Pro (H)



CAD



Final prosthesis



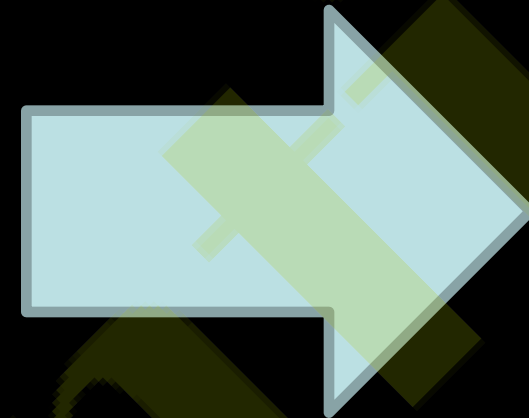
BTS

Putty + light body
Easy and precise

기존의 analogue impression

Putty + regular body
Difficult and occlusal error

Facial scanner
IOS
Virtual set up

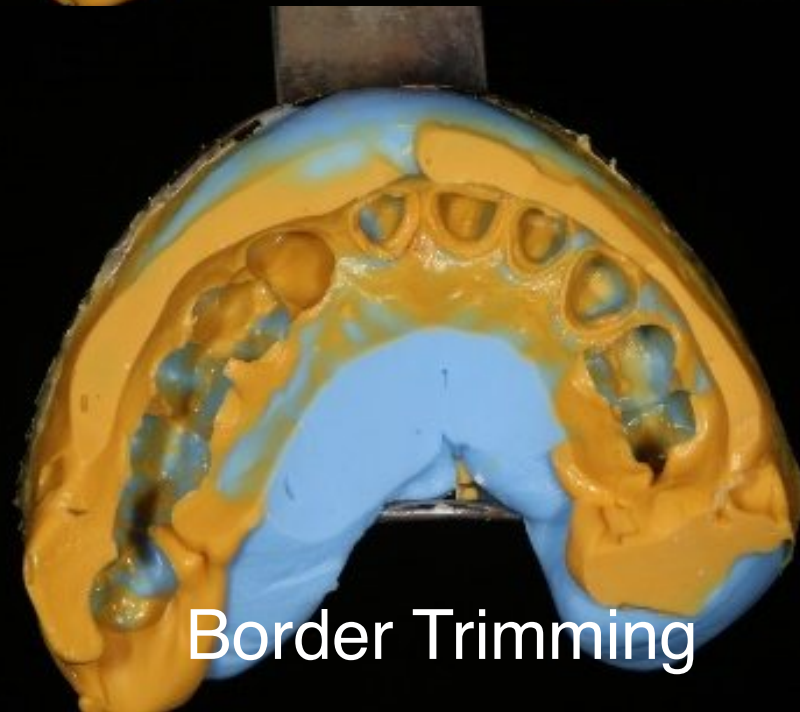


Very good with pts consulting and systemic tx

Dentium

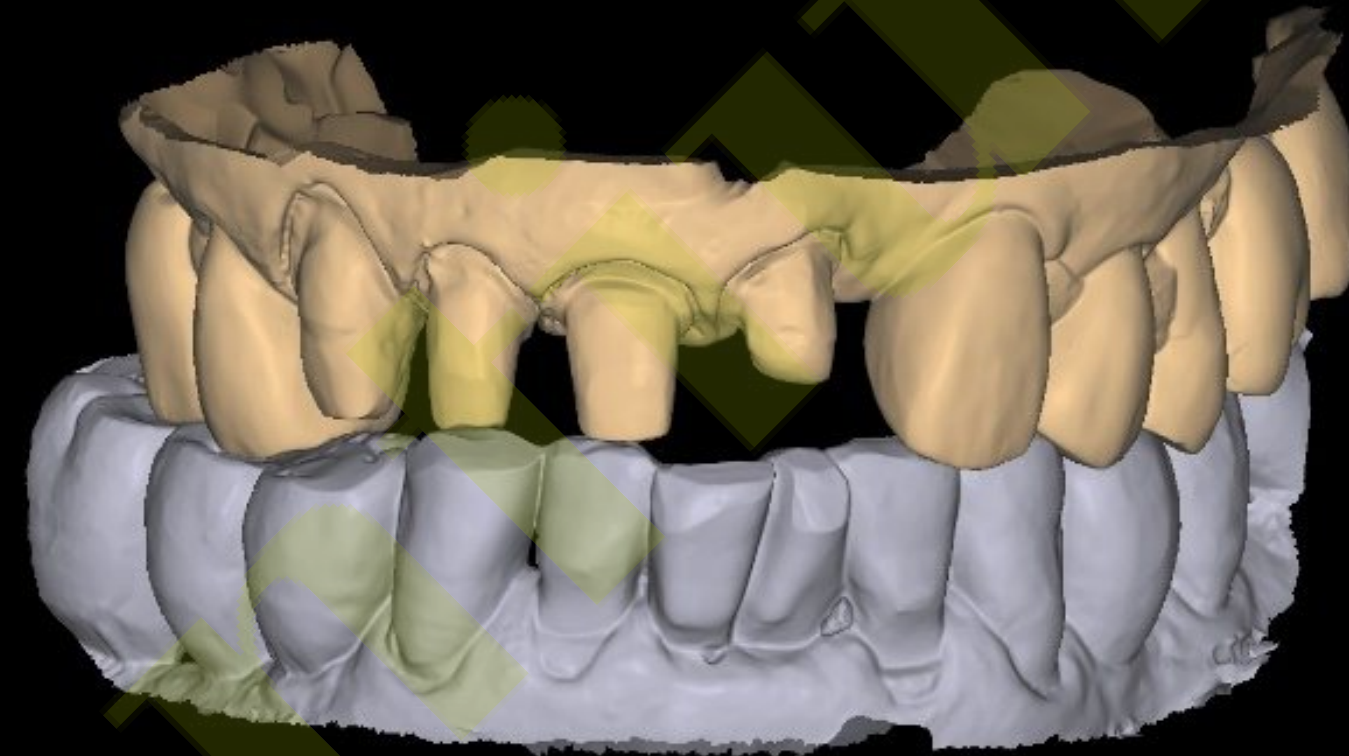
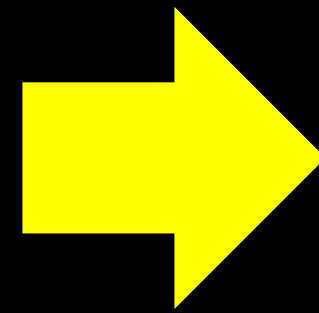


Impression scan for working model



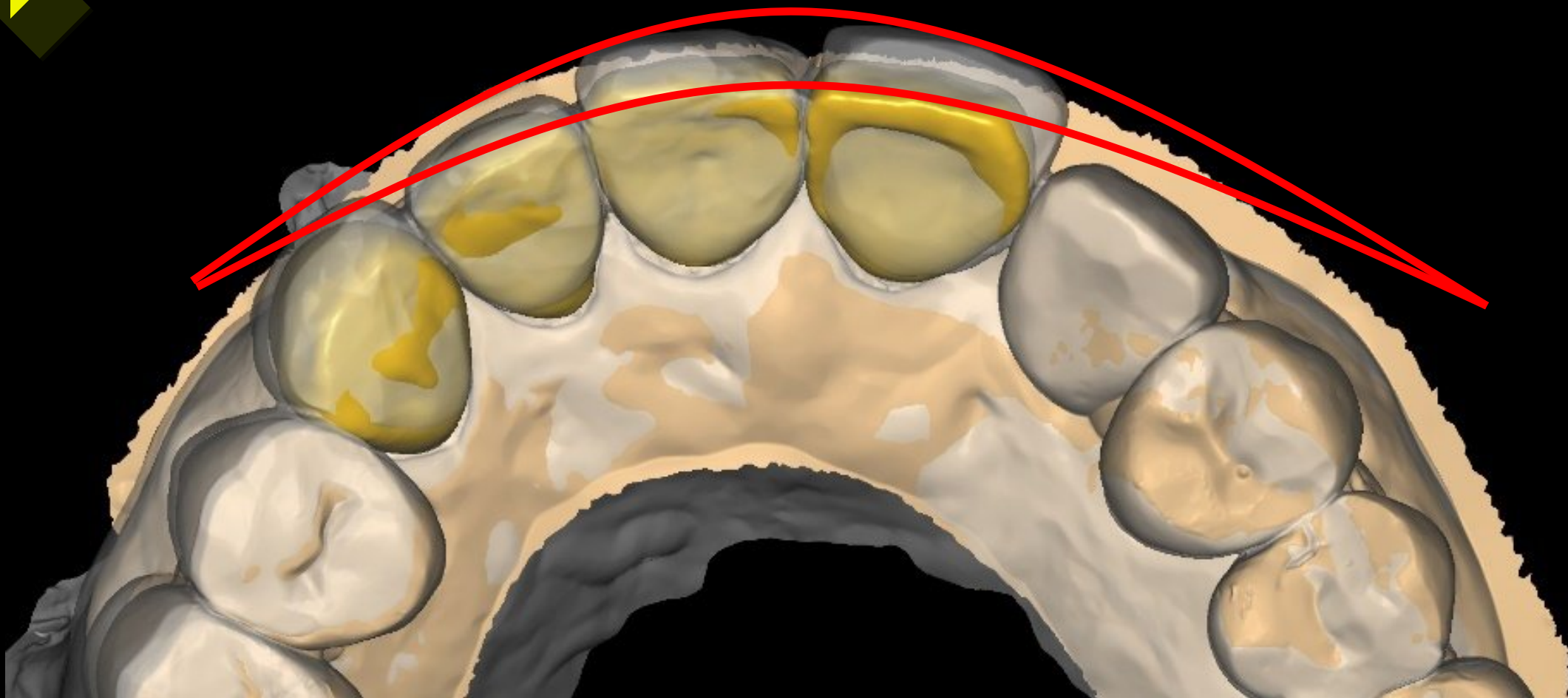
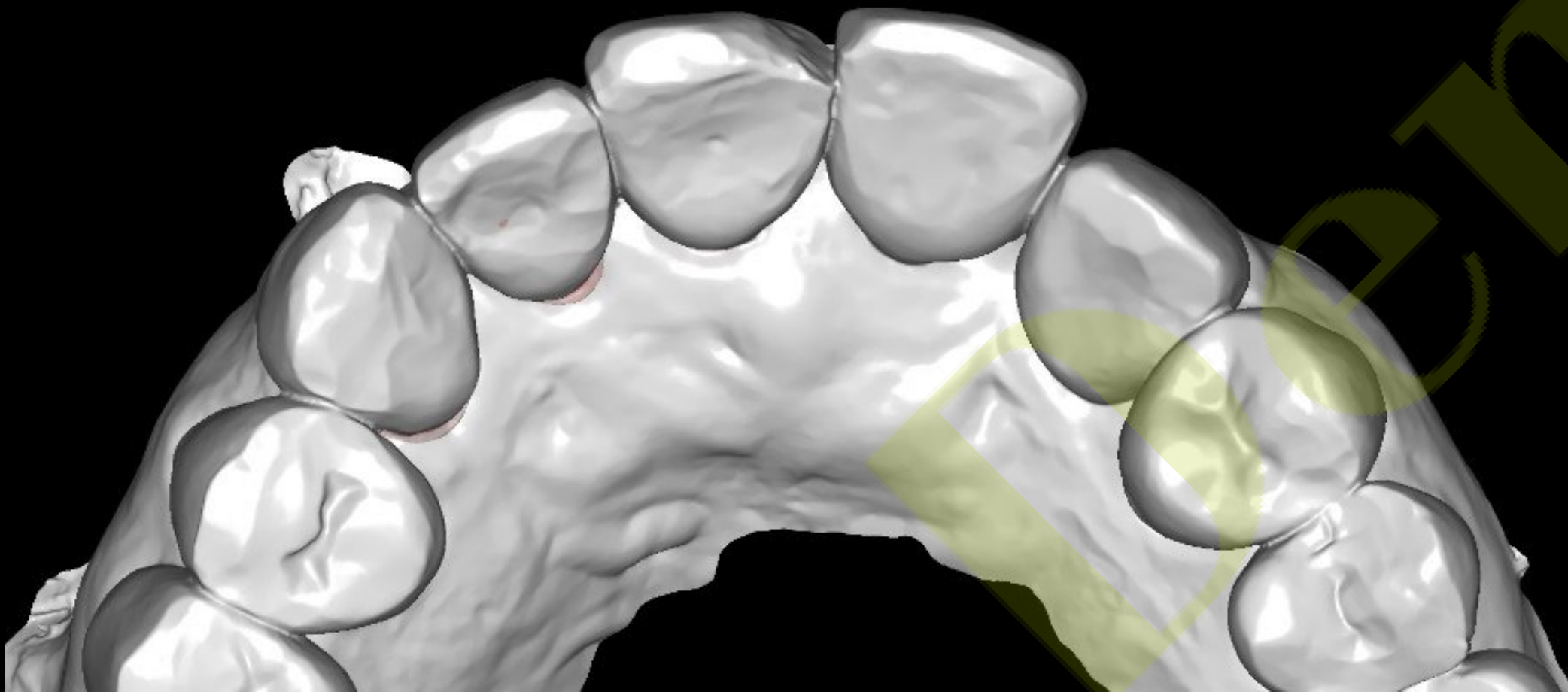
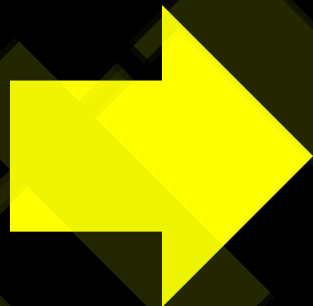
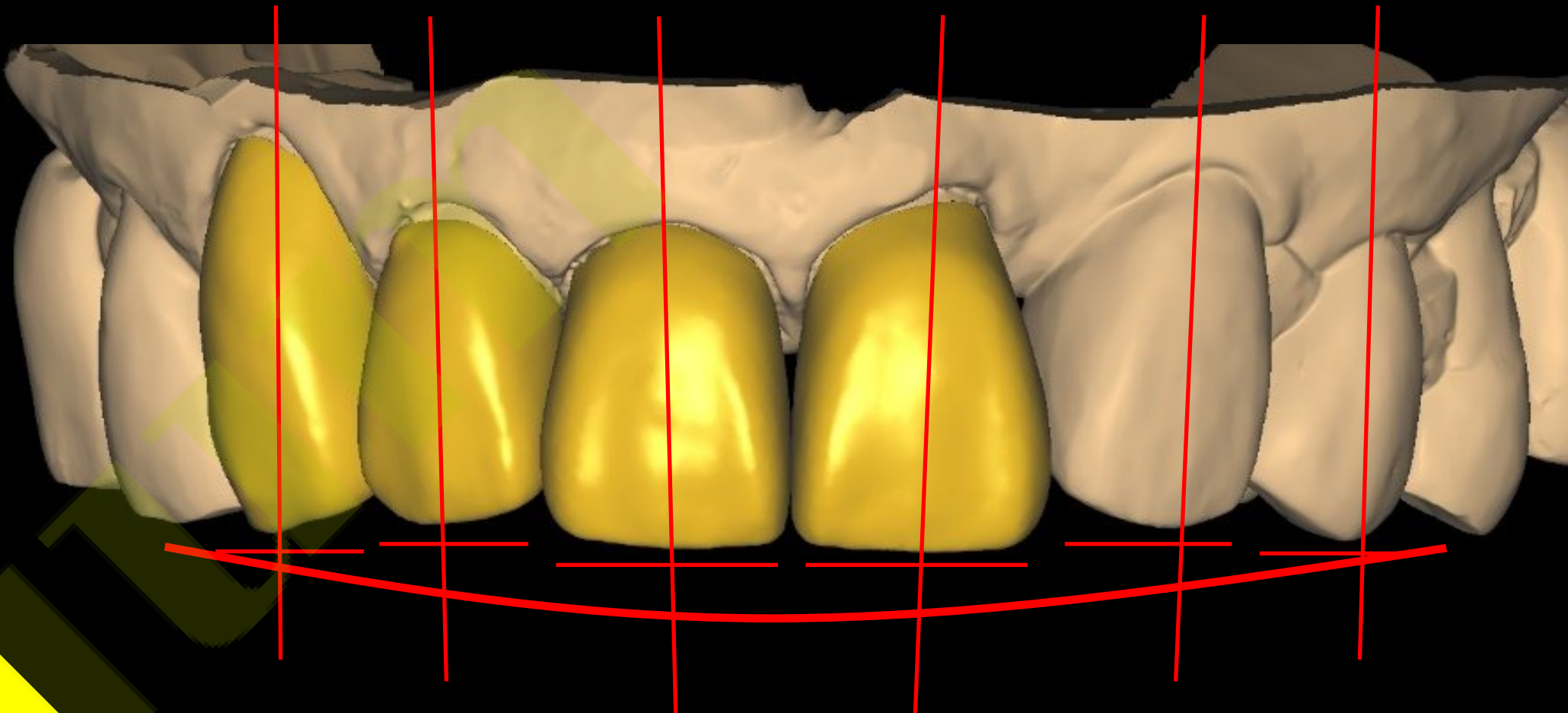
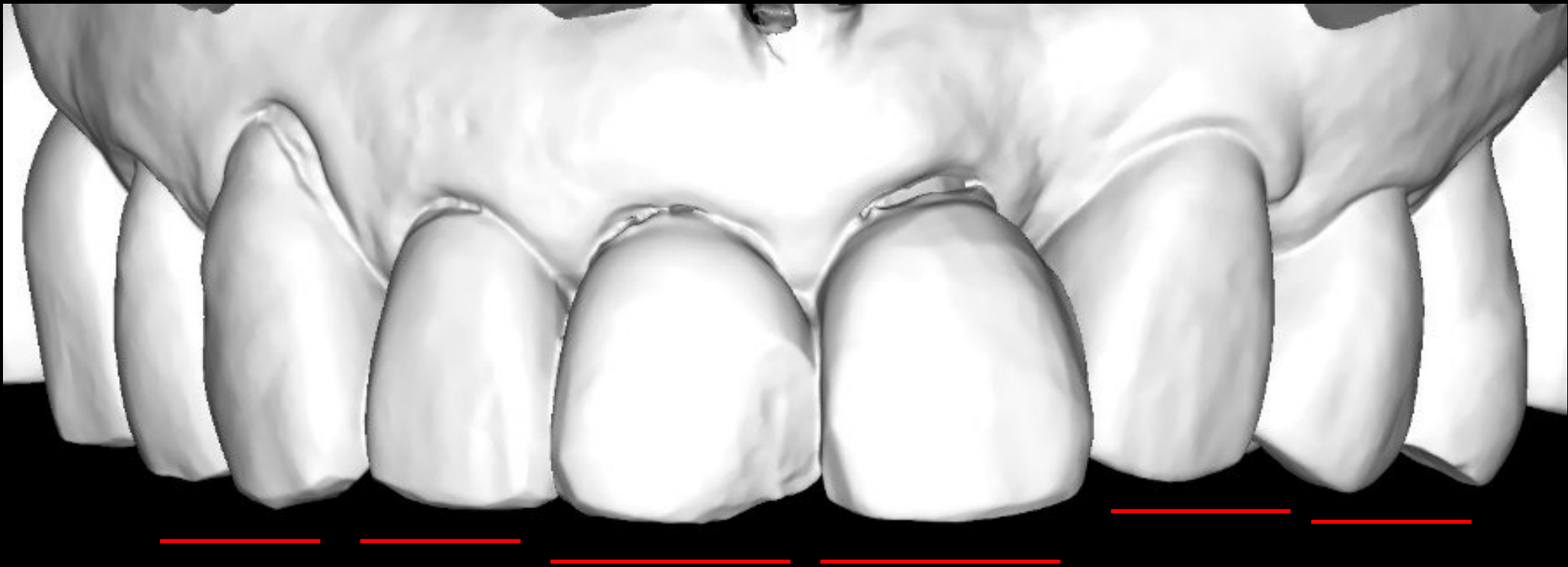
Border Trimming

Scan spray



Dentium

Prosthesis design





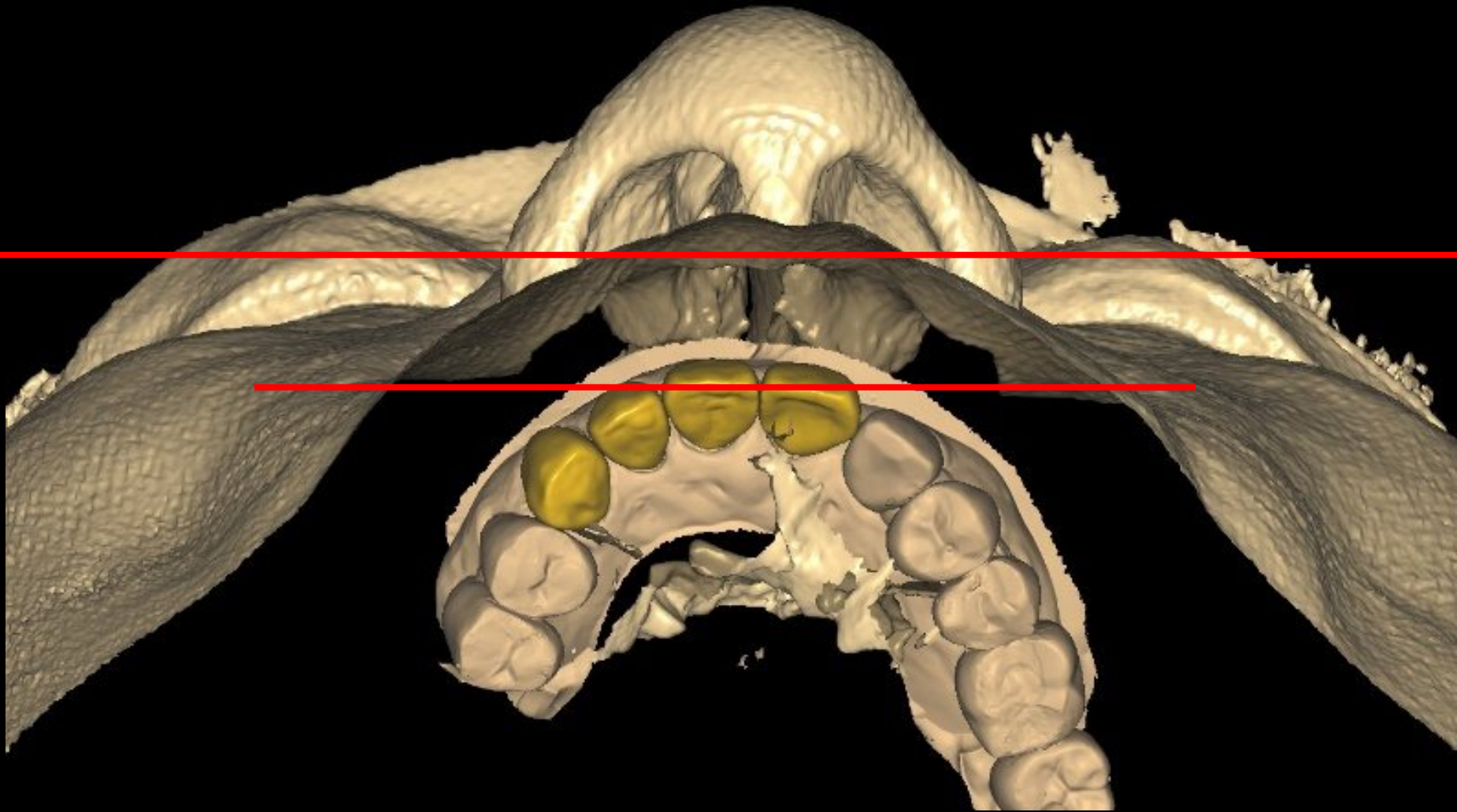
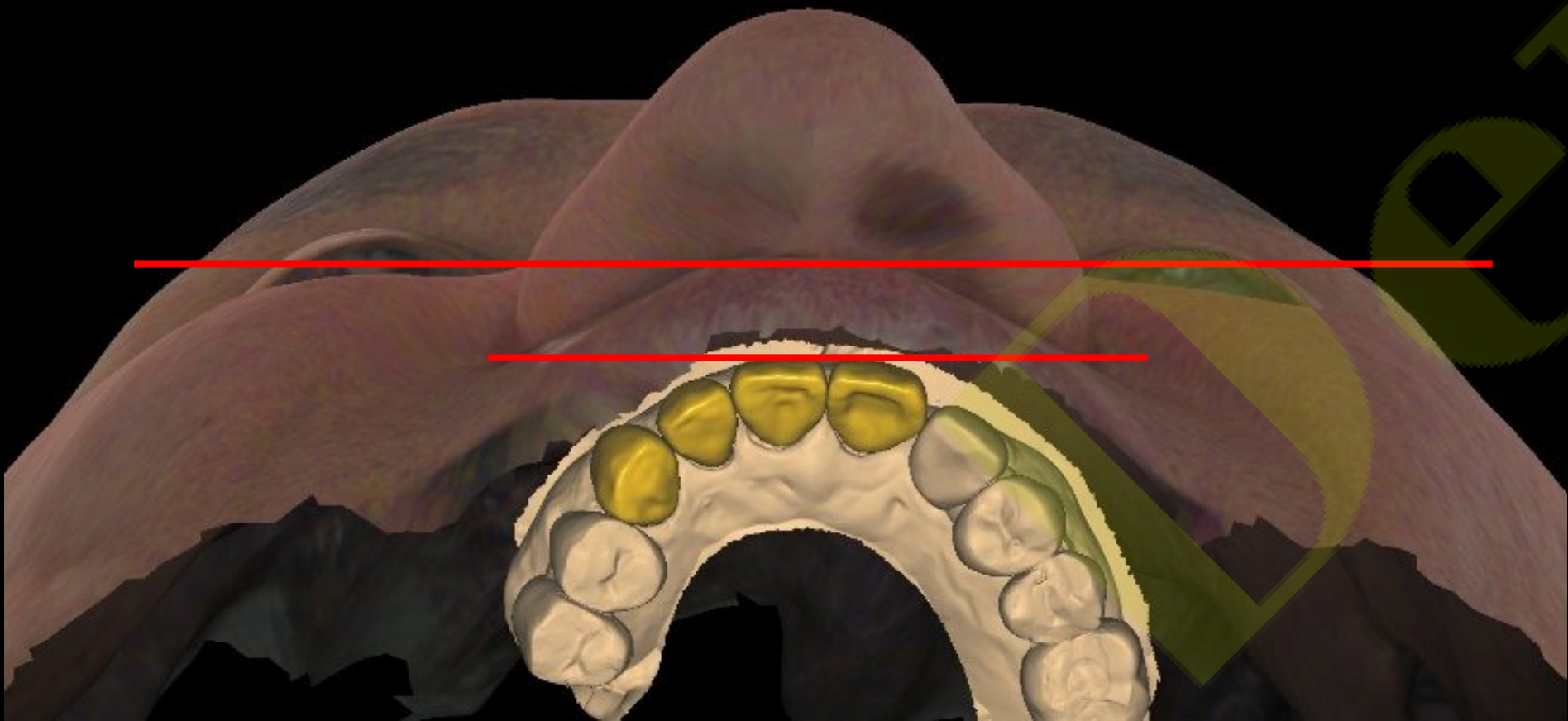
Facial scanner

Good for pts consulting

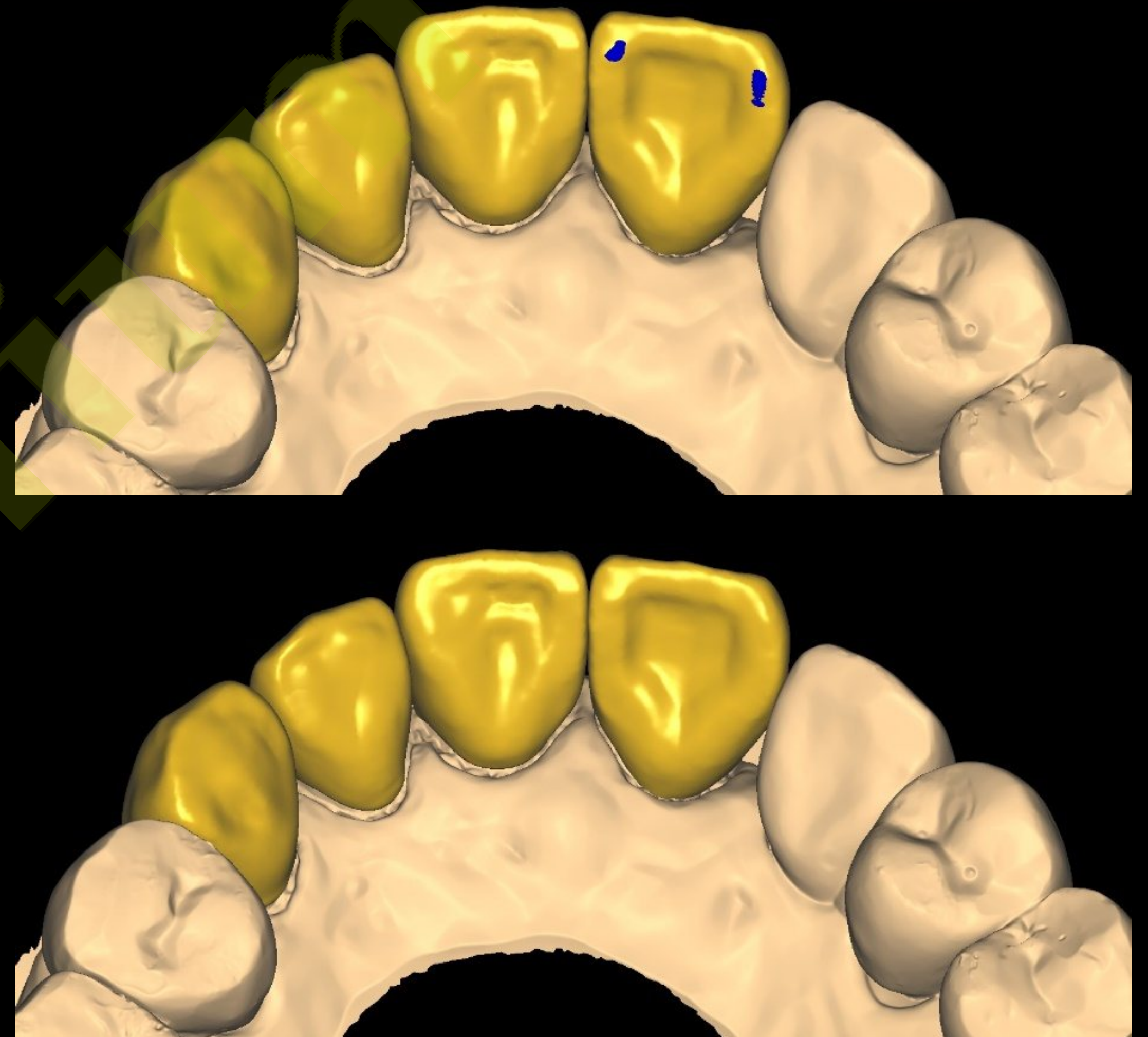
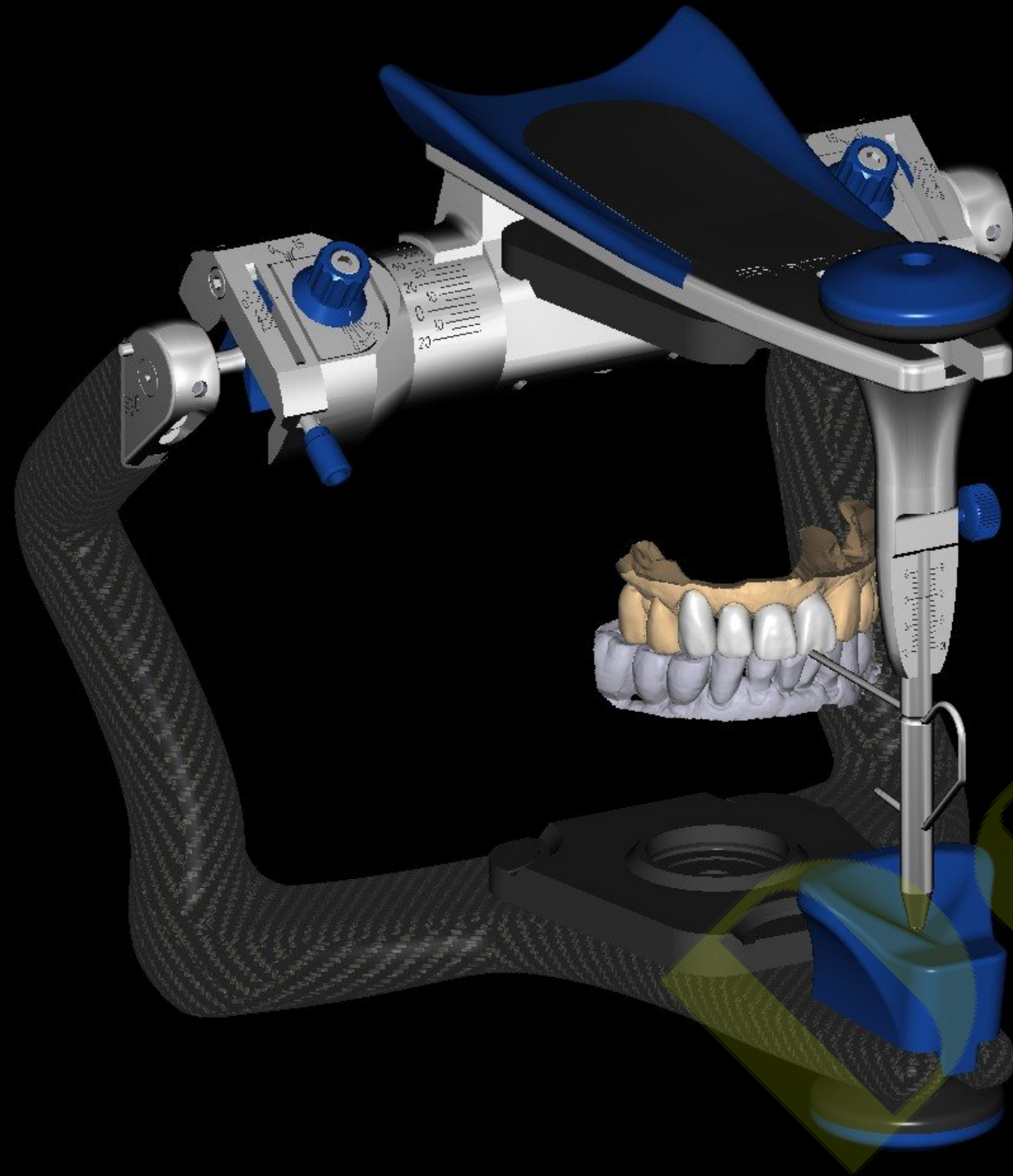


CT STL

More precise for lab

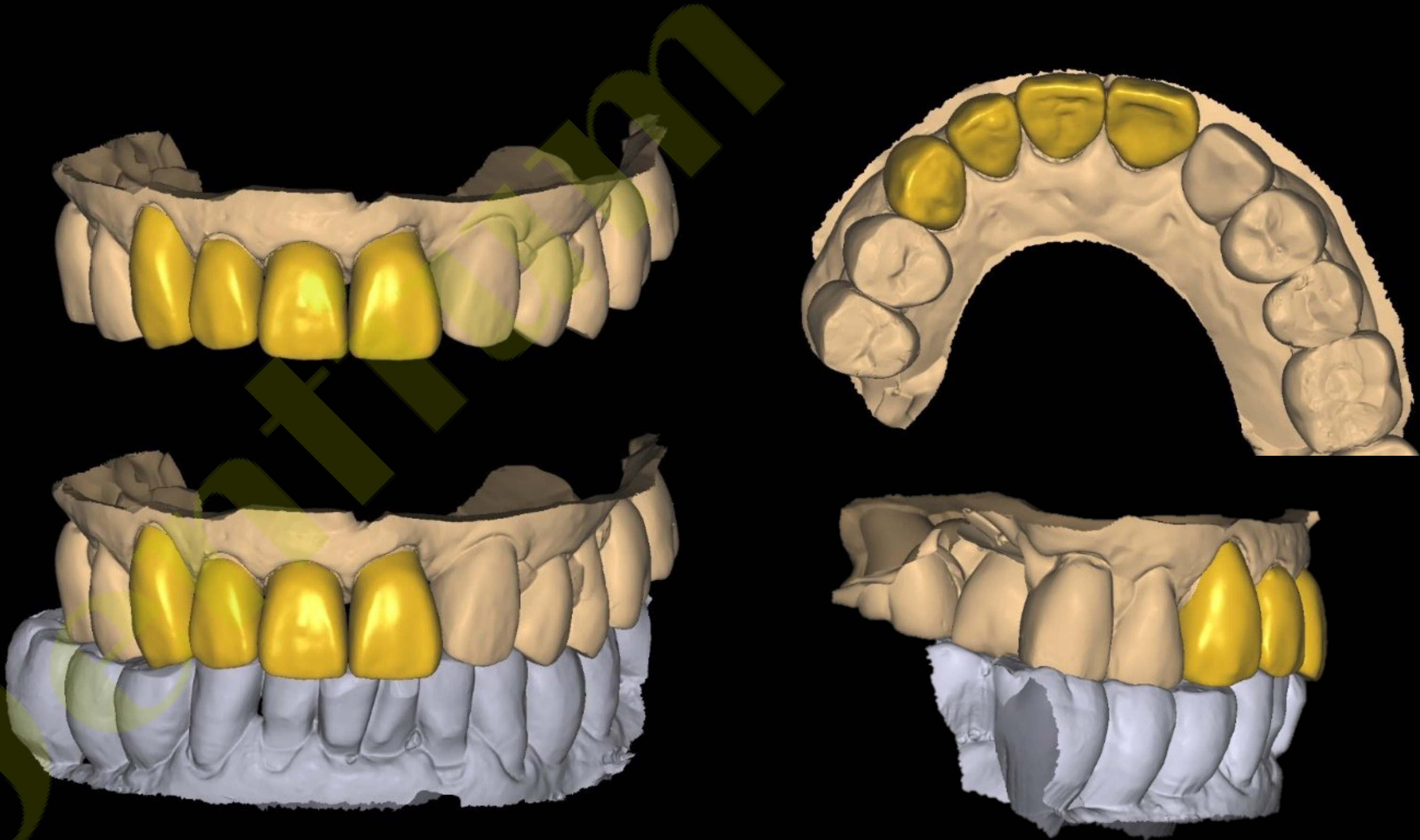


Prosthesis design



Dentium

Prosthesis design



Shade taking (A3)



Final prosthesis (2024-02-24)



Final prosthesis (2024-02-24)



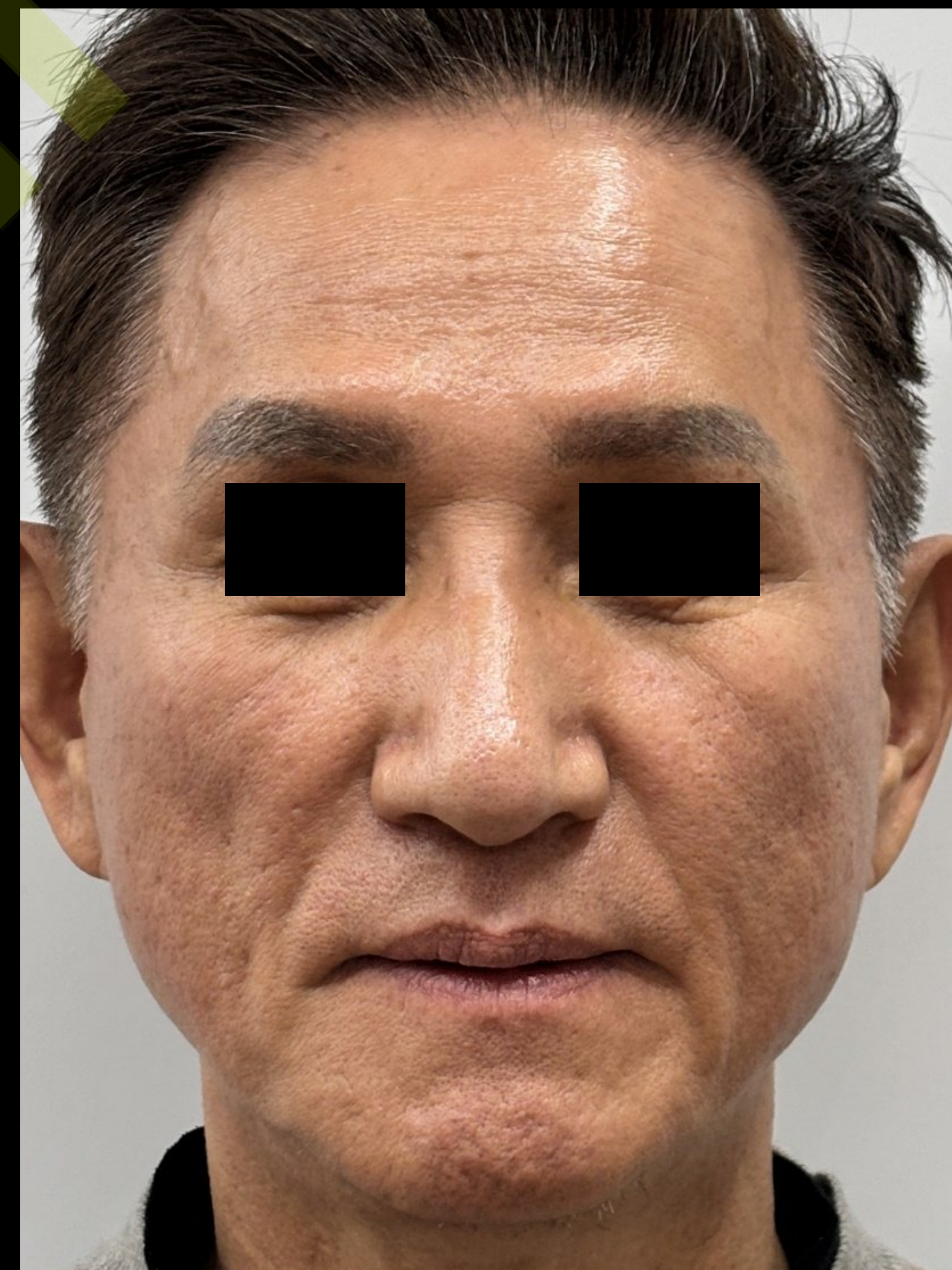
Before



After



1 Month Later



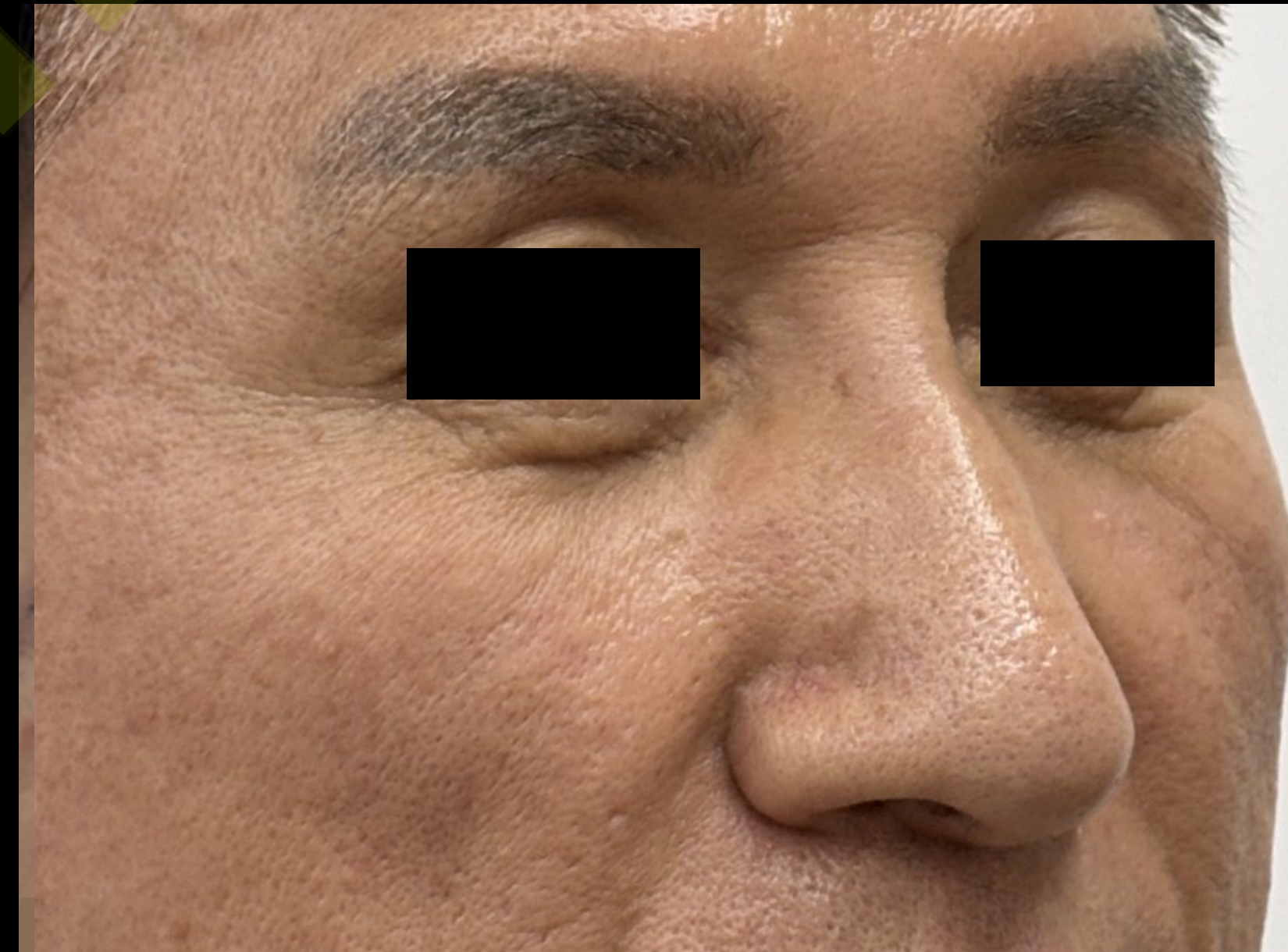
Nose



Before

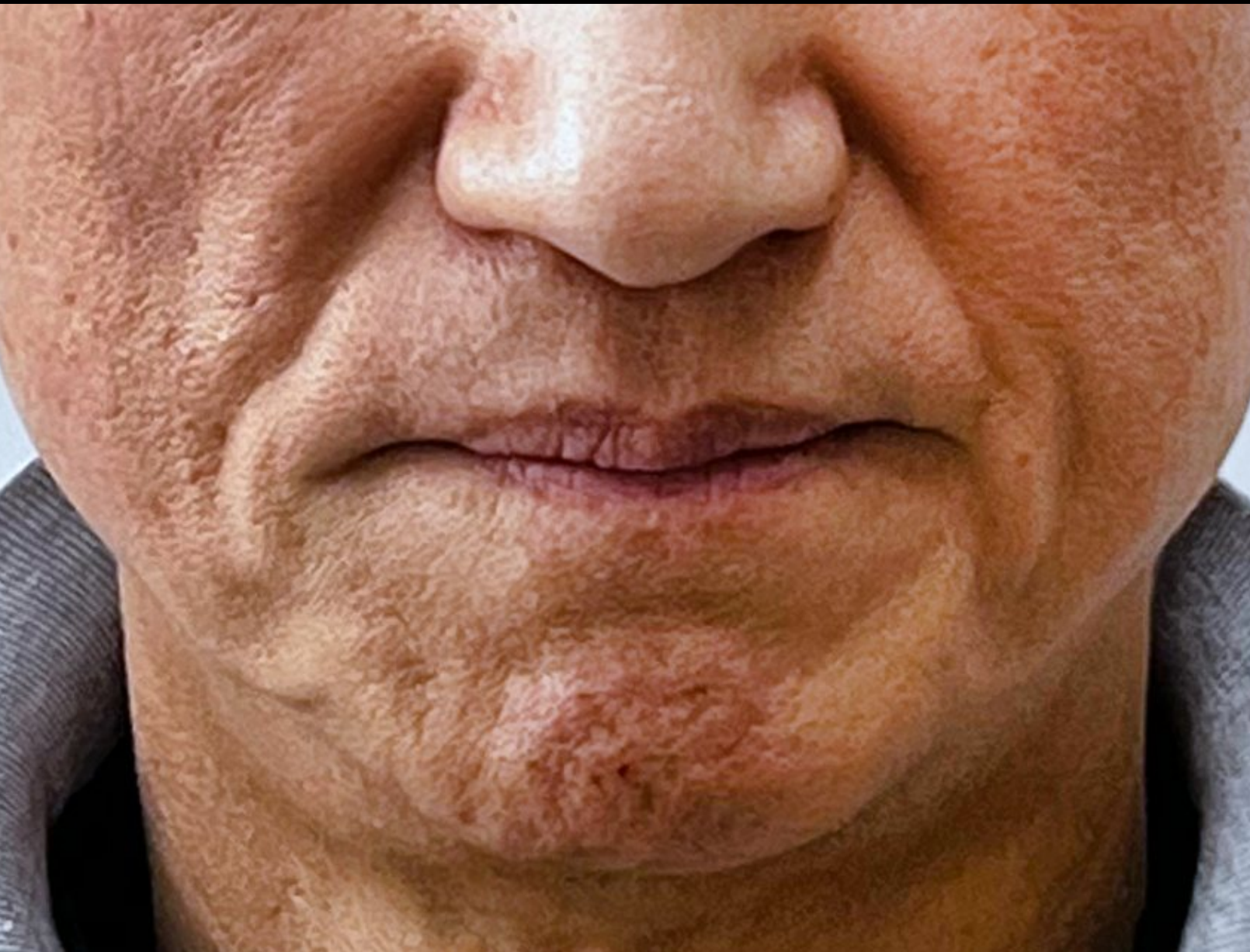


After



1 Month Later

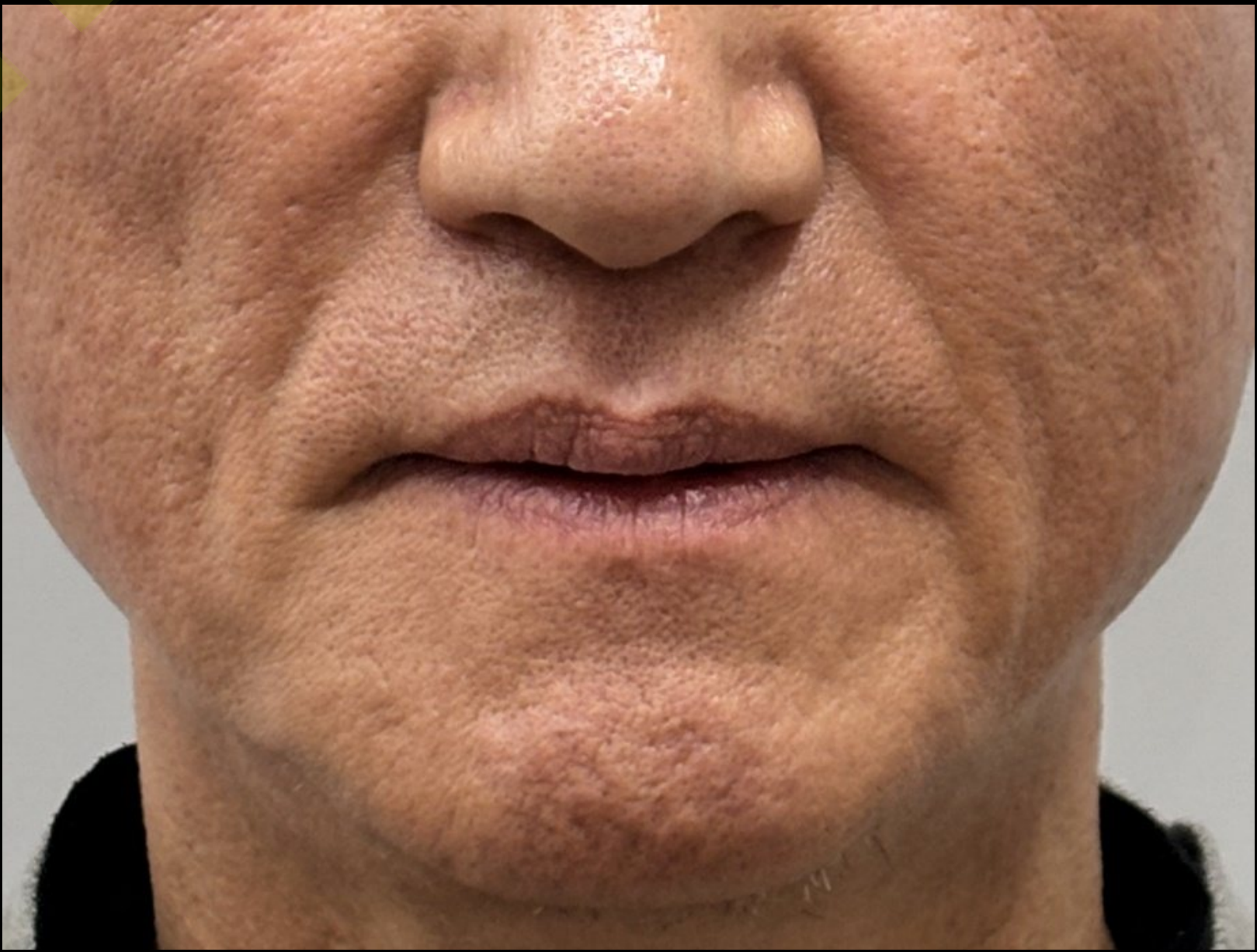
Nasolabial folds, Chin



Before



After



1 Month Later

A Change in appearance with aged person

- 1 Reduced soft tissue volume - collagen
- 2 A slight decrease in bone tissue
- 3 Reduced elasticity of the skin

-> Appears in the form of **sagging, facial depression**, etc

The concept of fillers for elderly patients

1 Injection area

- 1) Nasolabial fold
- 2) Marionette line

2 Increase the volume

- 1) **Mainly injection** needle instead of cannula
- 2) **Mainly Bone contact**
- 3) Inject only fine wrinkles of the skin directly under the skin
- 4) Increased effectiveness when used with Botox

MONALISA Lidocaine

Hyaluronic Acid Dermal Filler with Lidocaine

MONALISA



Soft

Mild

Hard

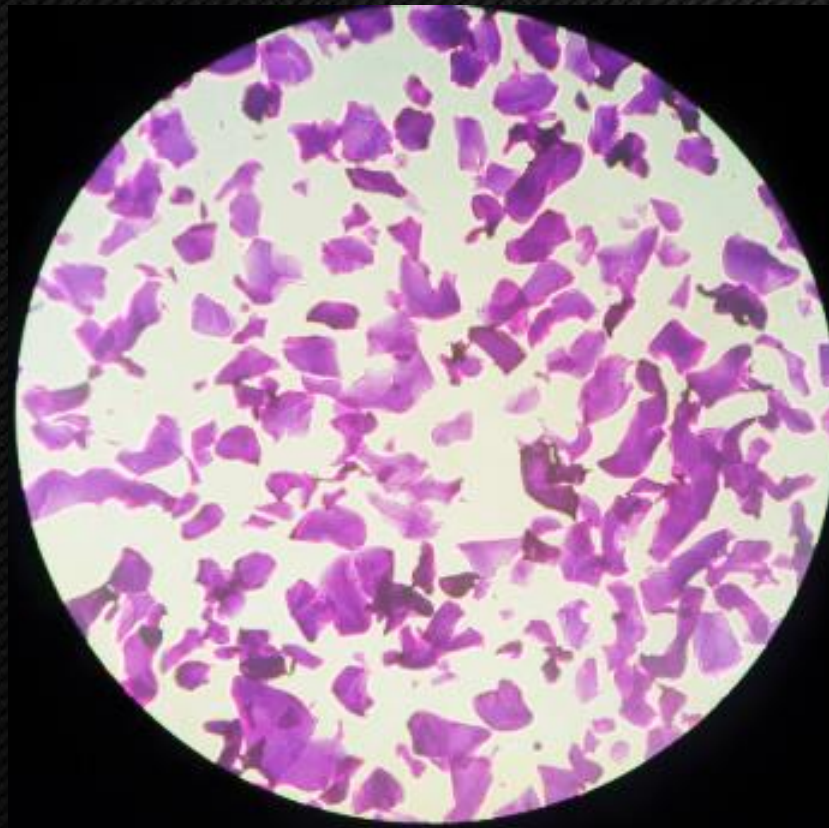
Ultra

Physical Properties

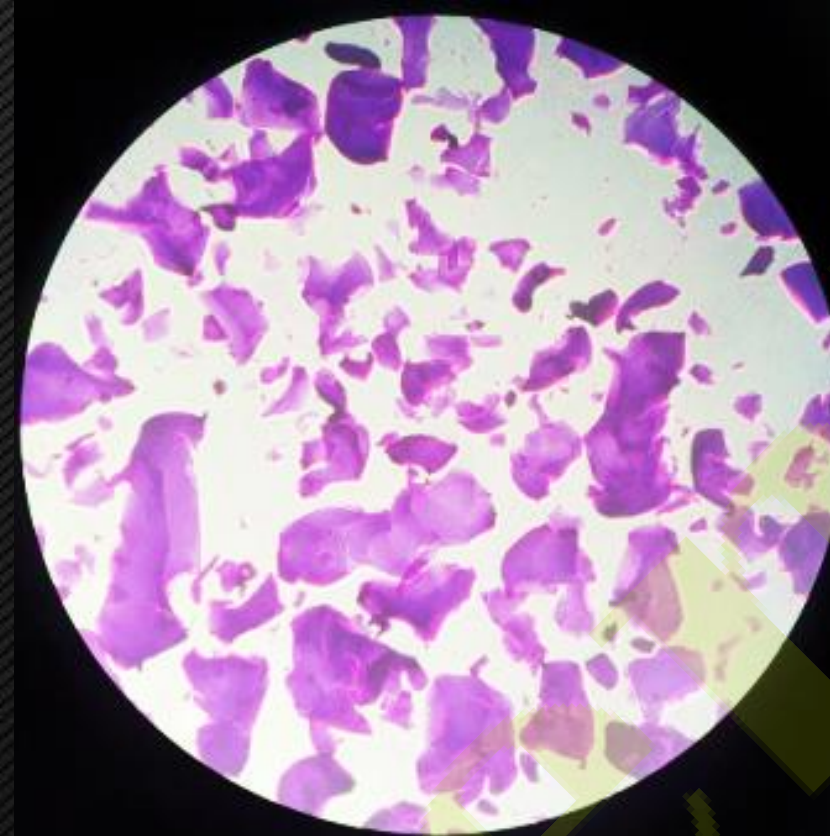
Hyaluronic Acid Dermal Filler with Lidocaine

MONALISA

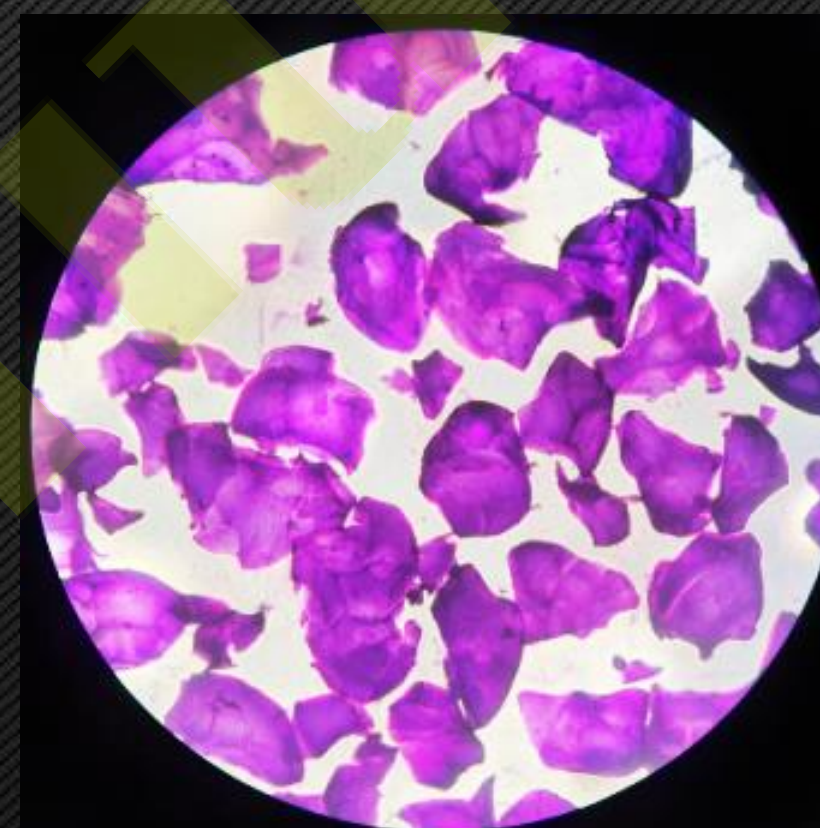
Particle size & shape



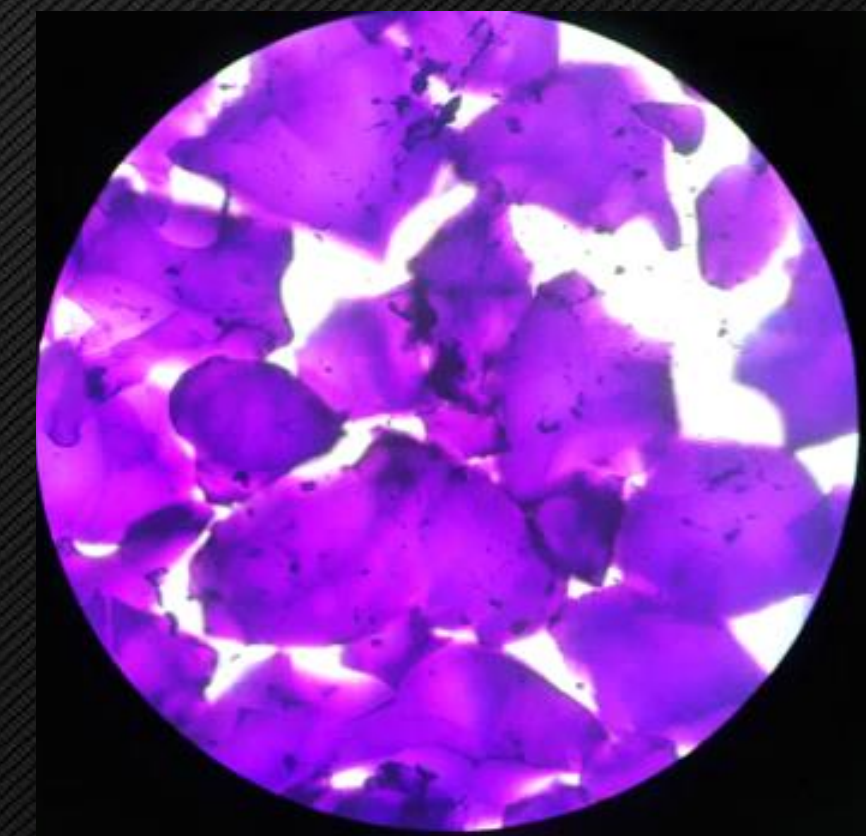
Soft



Mild / Smile



Hard



Ultra / High Elastic

x 40

MONALISA Lidocaine

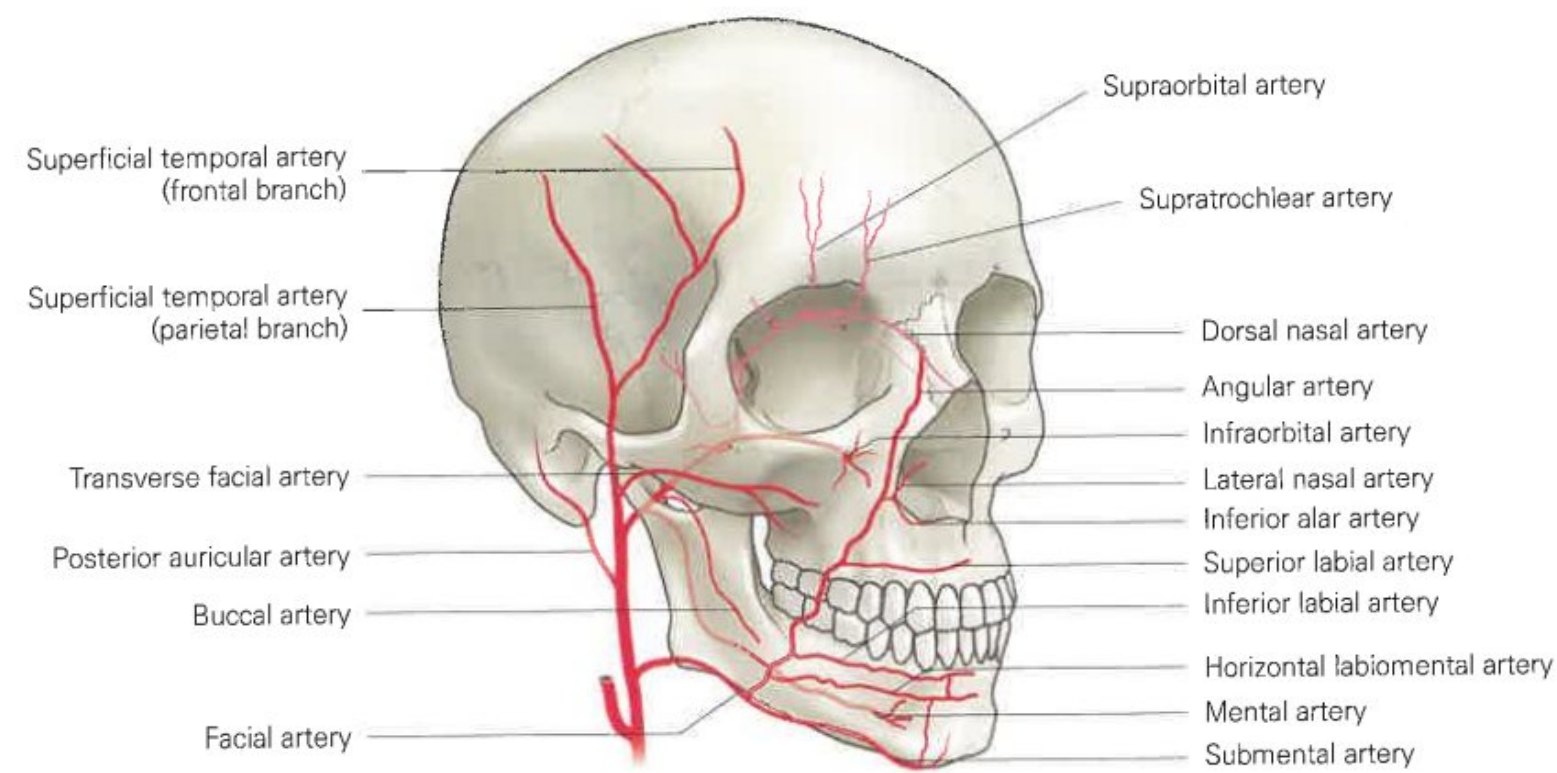
Hyaluronic Acid Dermal Filler with Lidocaine

MONALISA

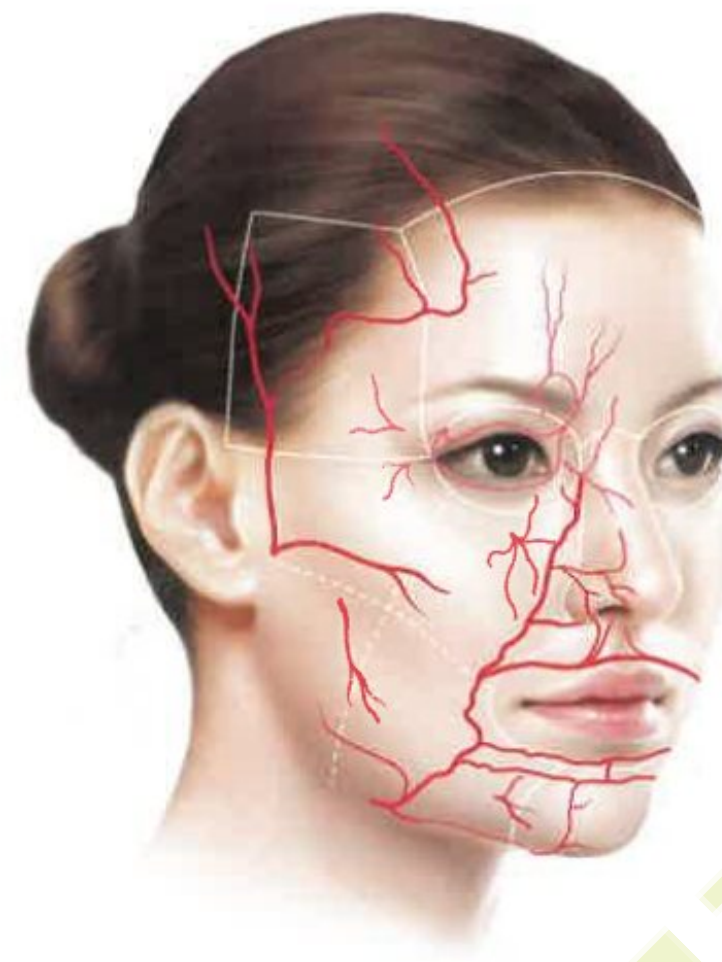


Product	SMILEHIGH ELASTIC	
Form	No impurities, transparent and colorless gel	
Components	Cross-linked hyaluronic acid, 0.3% Lidocaine	
HA Concentration	24 mg/mL	
Particle Size	400 μm	900 μm
Volume	1.0 mL	
Application	Superficial dermis / Middle layer of subcutis	Deep to very deep layer of subcutis
Needle size	27 GTW*	25 GTW*
Storage Temperature	2 ~ 25 °C	

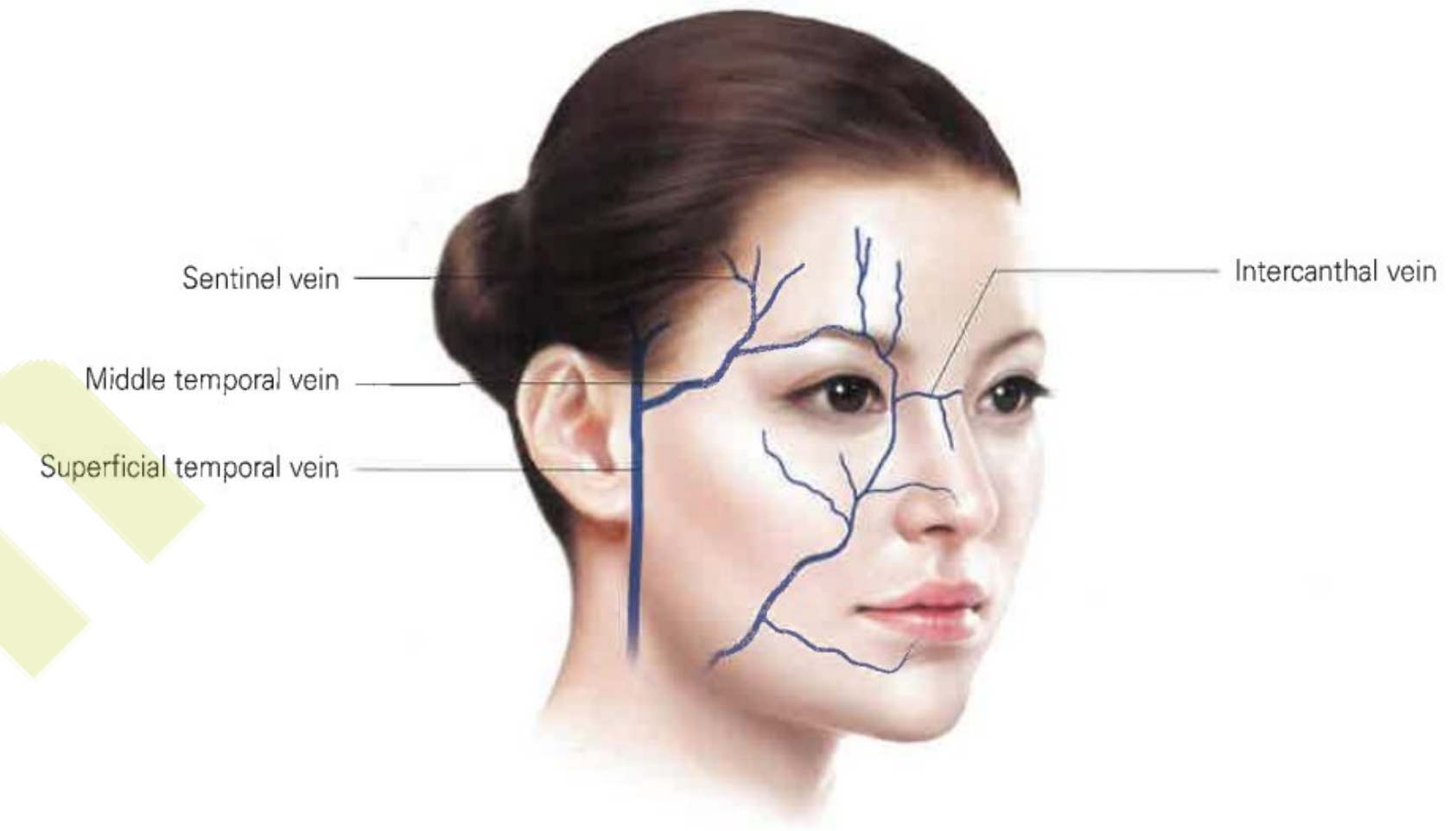
* TW : Thin wall



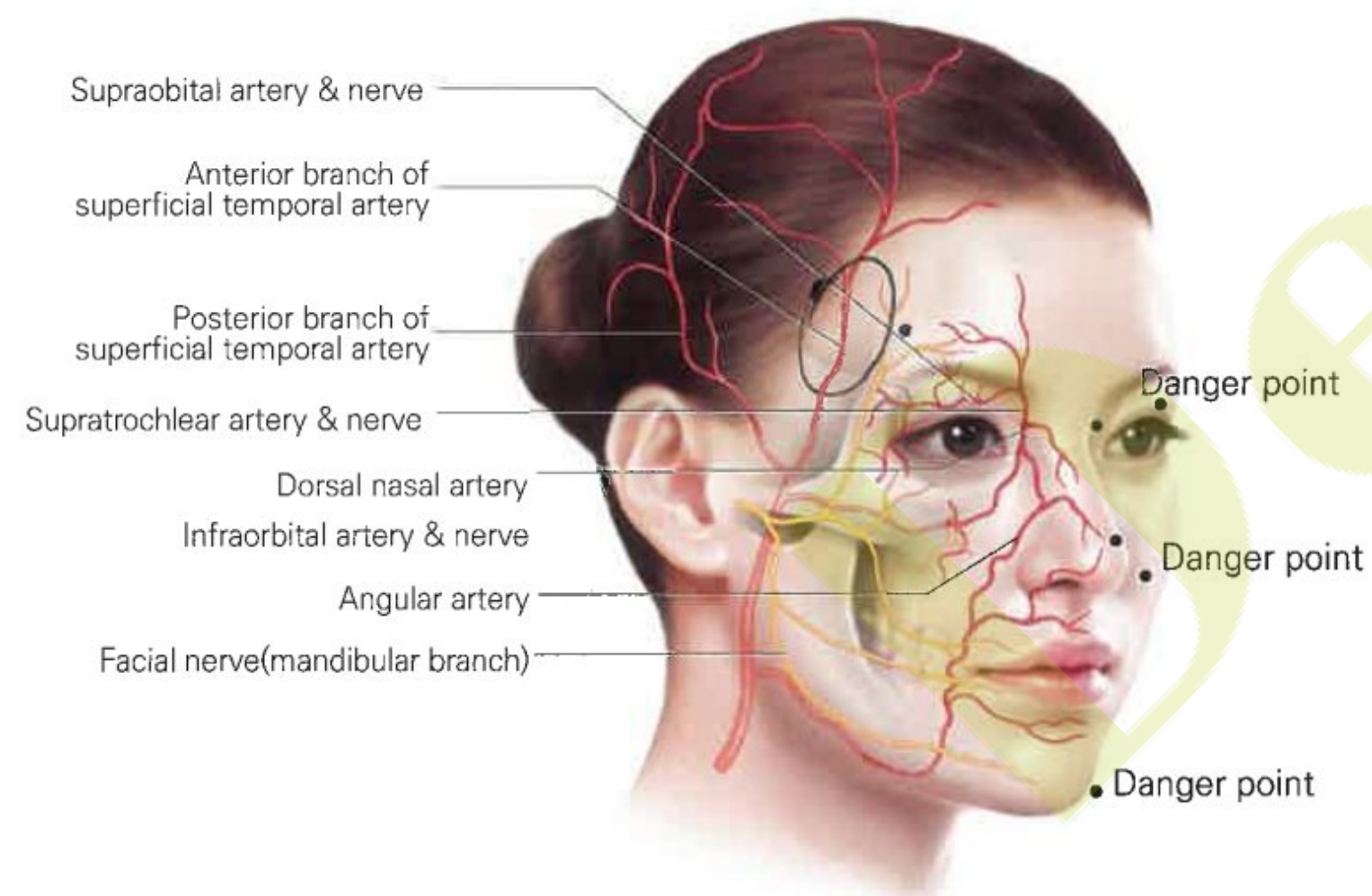
▲ Arterial branches of face



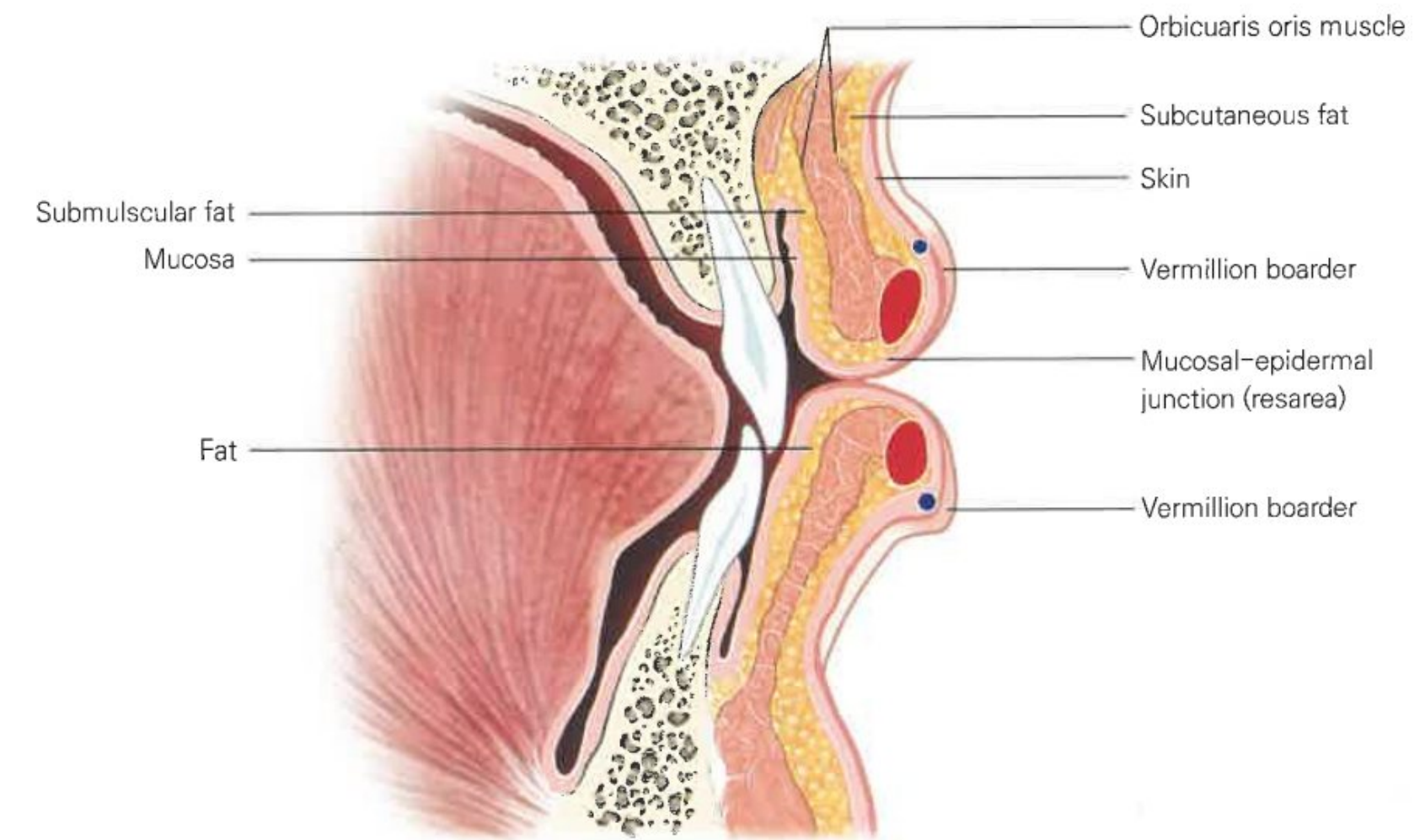
▲ Arteries supplying facial regions



▲ Veins of face



▲ The blood supply of lateral forehead area



▲ Sagittal section of the lip

The Side effects of fillers

1 Blindness

2 Necrosis of the tip of the nose

3 Edema

1)early edema

2)delayed edema

Safe filler

Natural image filler injection

Mutilayer

- bone contact
- just below the dermis

Hyaluronic Acid Dermal Filler with Lidocaine

MONALISA



25G Needle



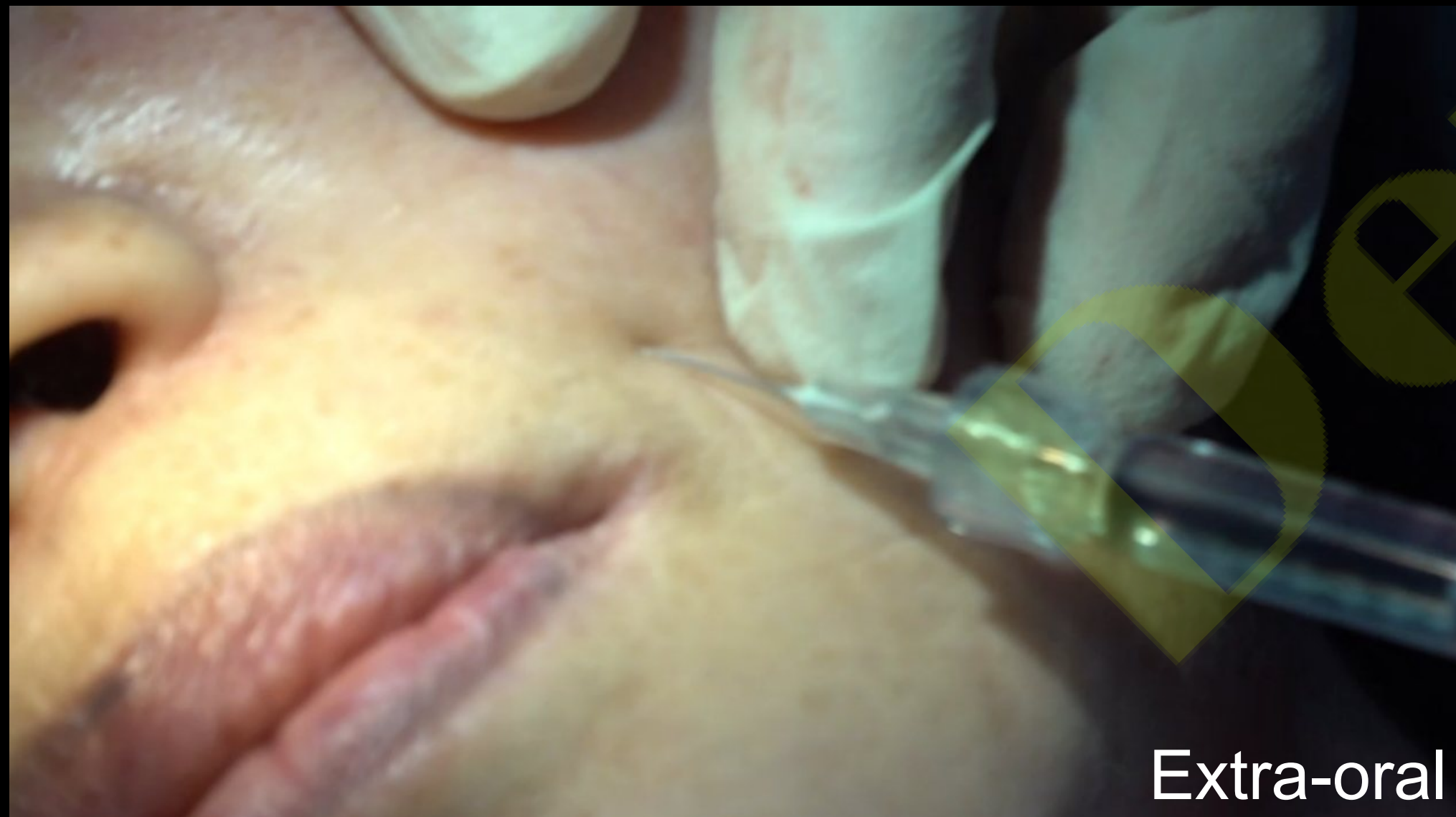
25G Needle / 23G Cannula

Application site



Bone contact touch (Deep fatty layer)

- Long-lasting
- Deep wrinkle improvement



Superficial skin (Superficial fatty layer)

- maintain a natural and smooth appearance
- low invasiveness



Clinical case : Nasolabial folds & Marionette Line & Lip

Before



After



Before & After



Before & After



Bright MTA Sealer *Plus*

Root Canal Sealing Material



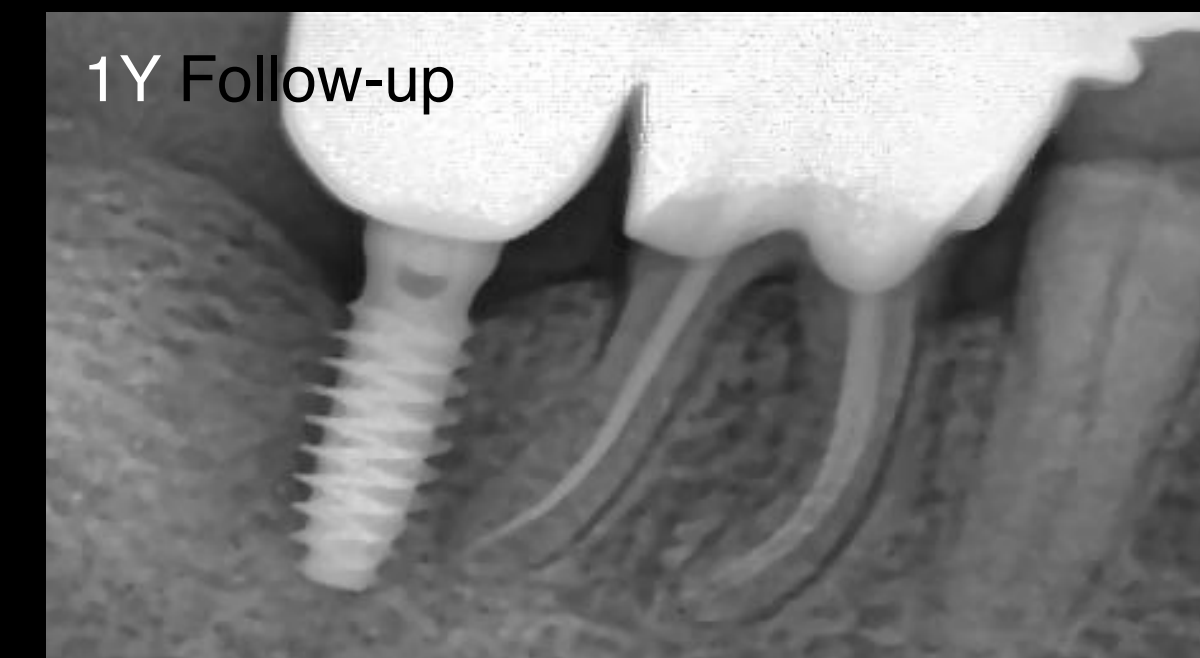
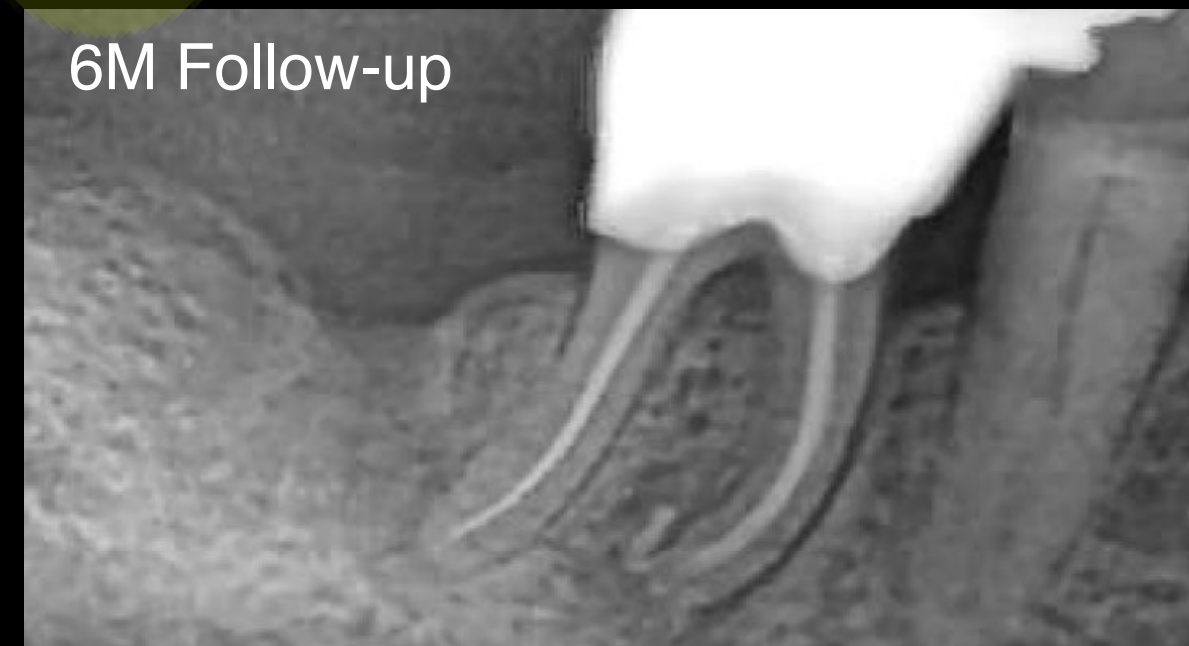
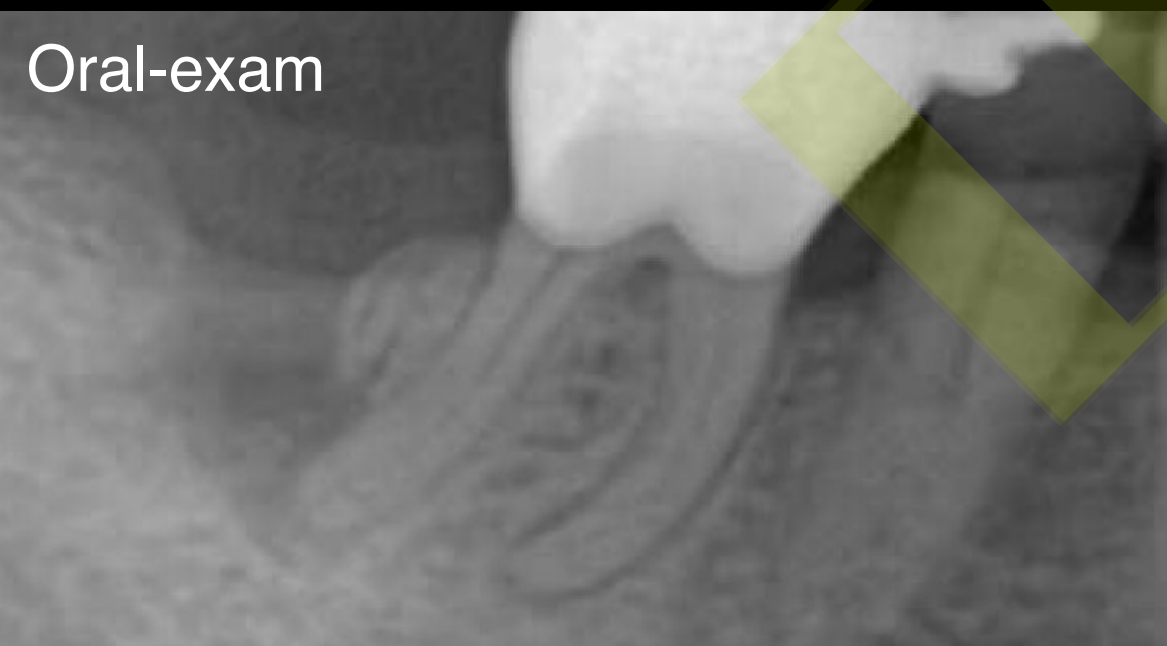
Excellent sealing and regeneration

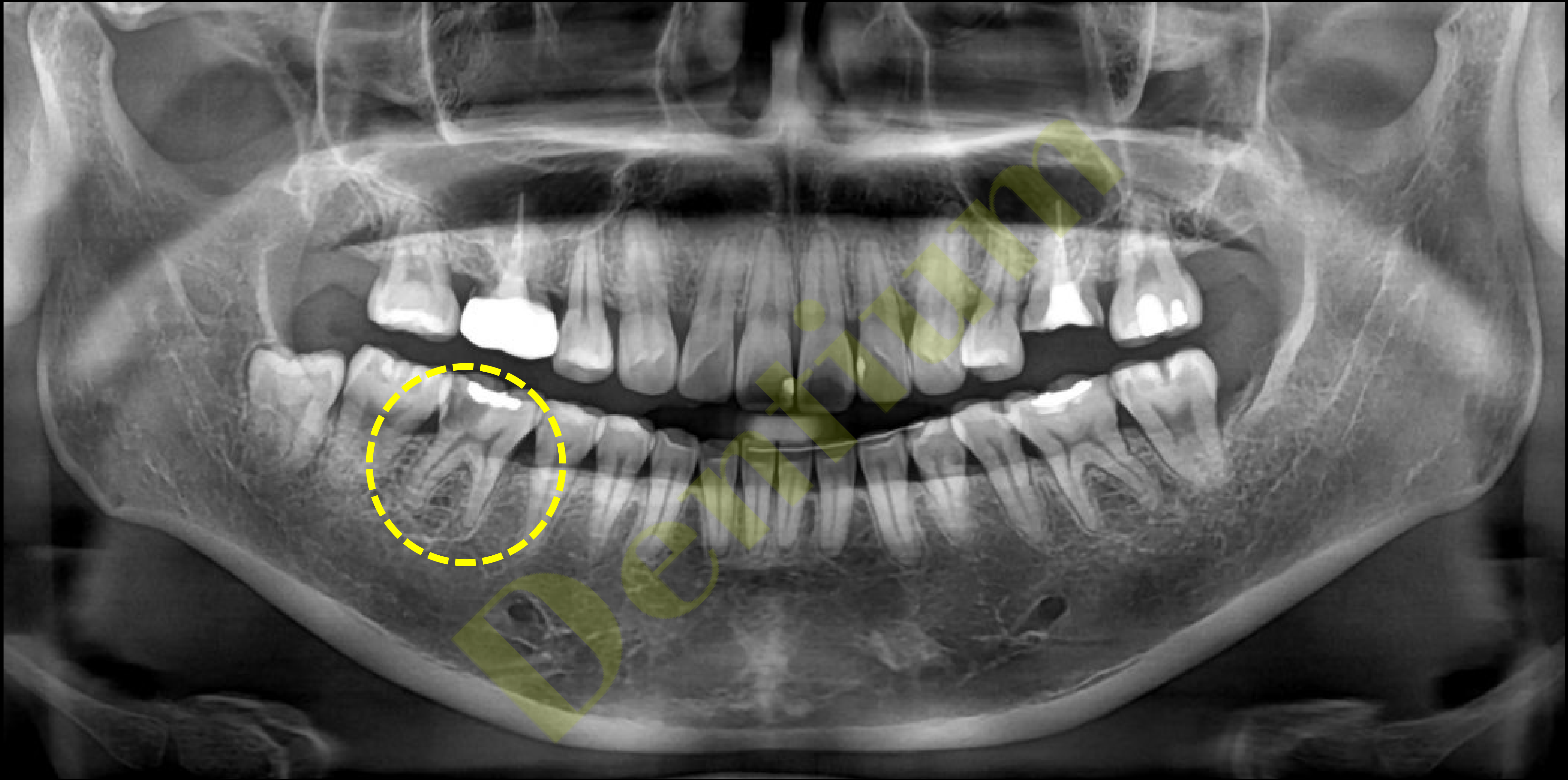
Ultra Antibacterial Effect

Calcium Silicate → Mineralization

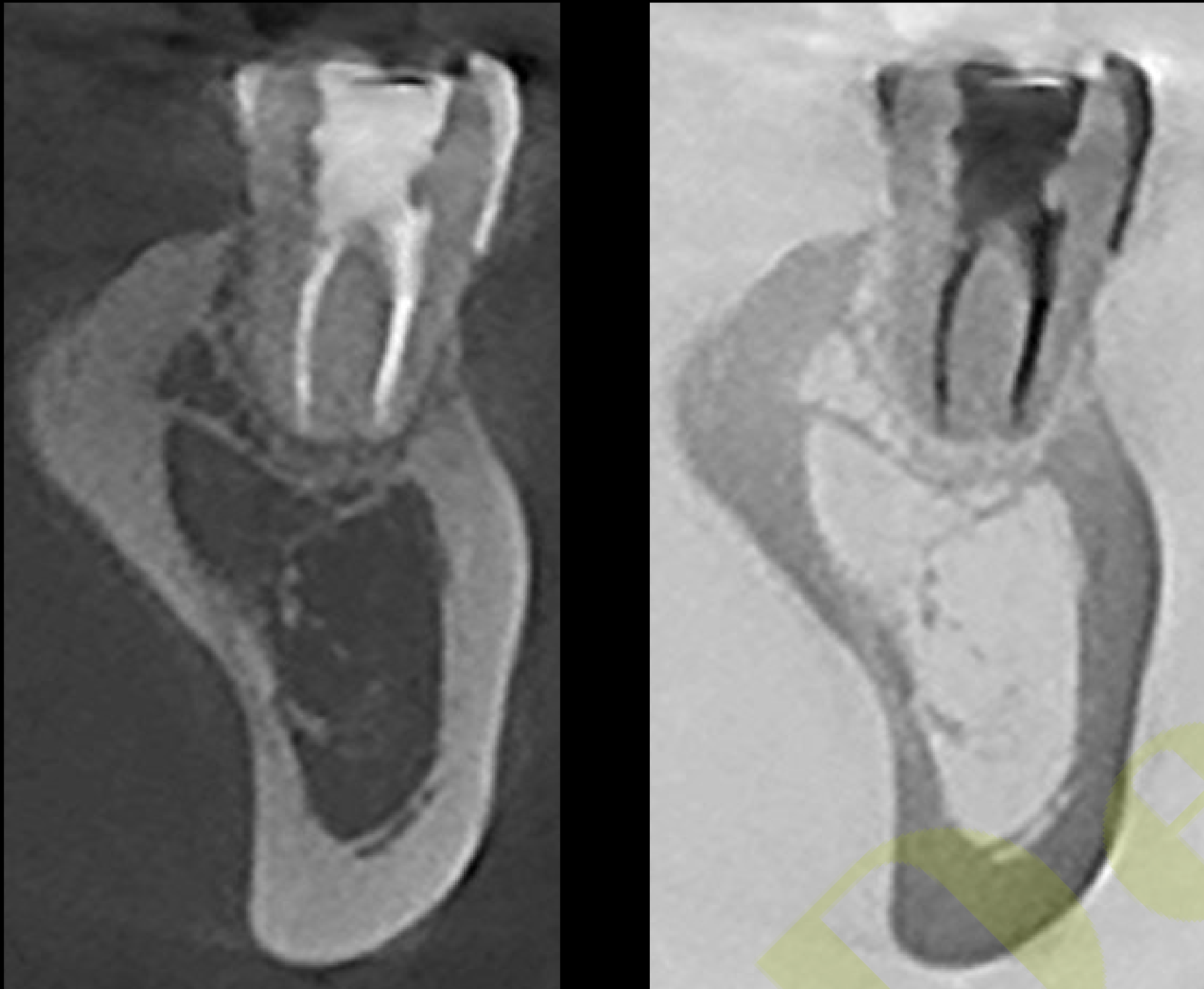
High Flowability → Convenience Handling

Excellent Radiopaque

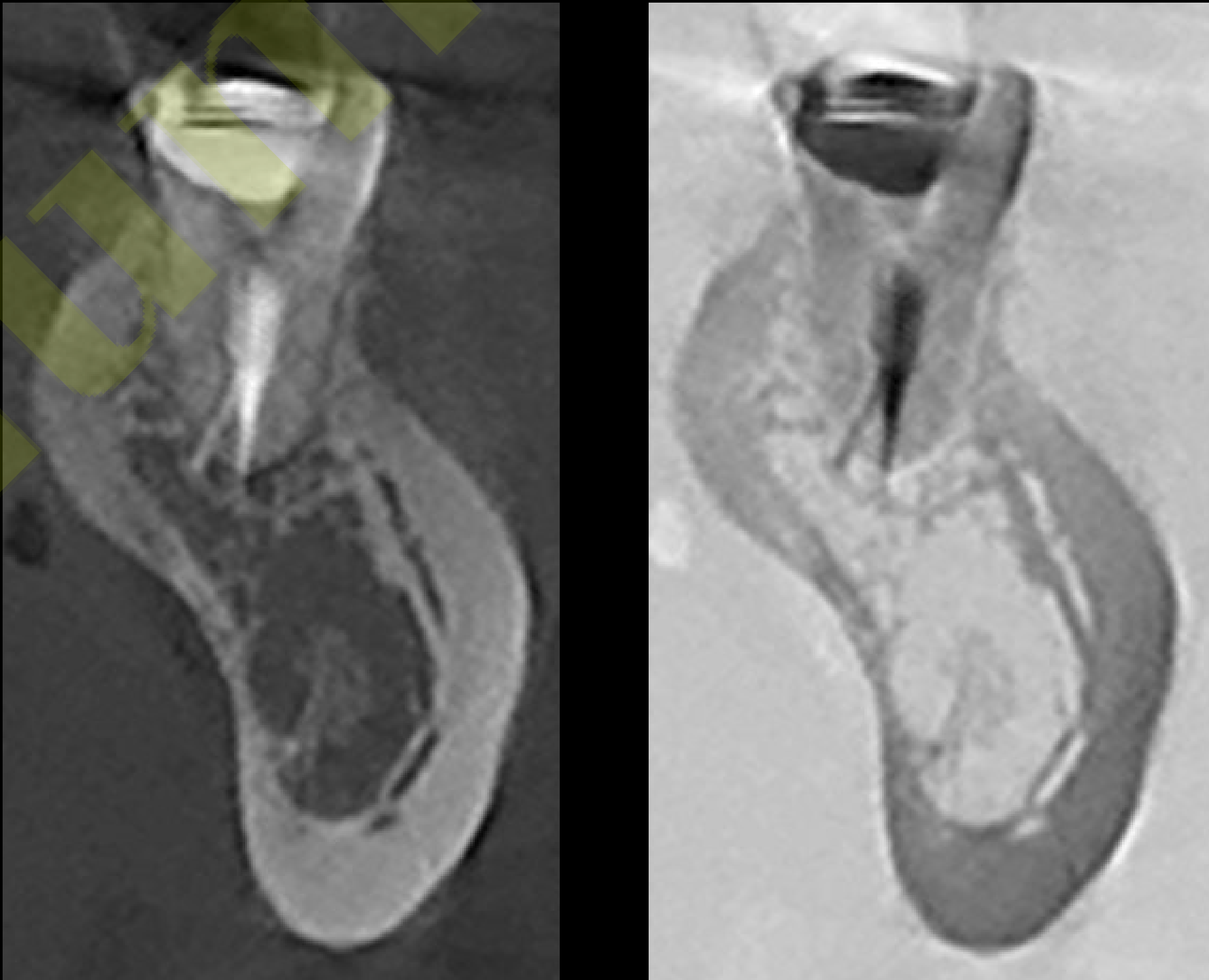




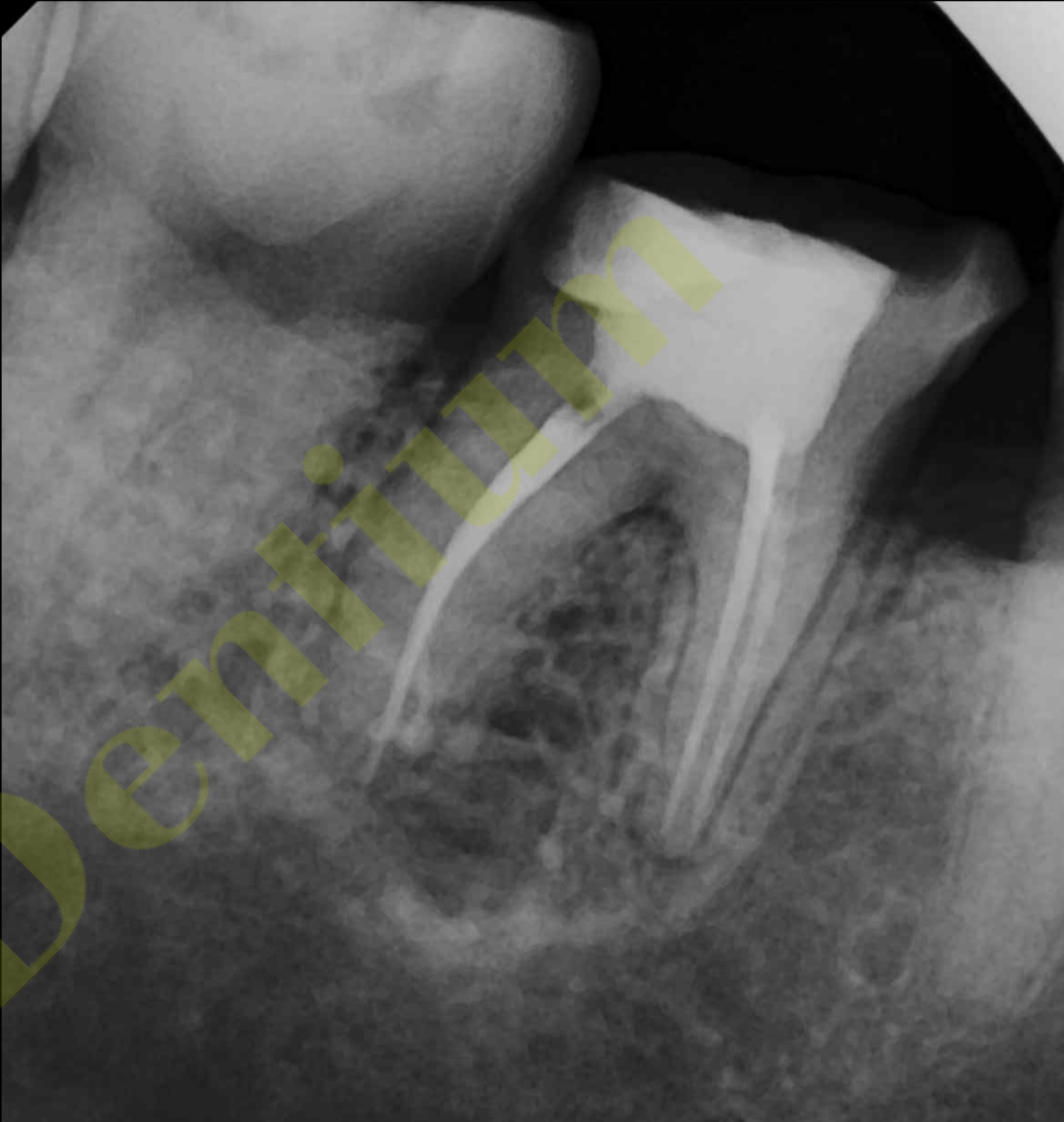
< Mesial canal >



< Distal canal >



Follow up : 7 week (2024-03-27)



Main ingredient of MTA

CaO SiO₂

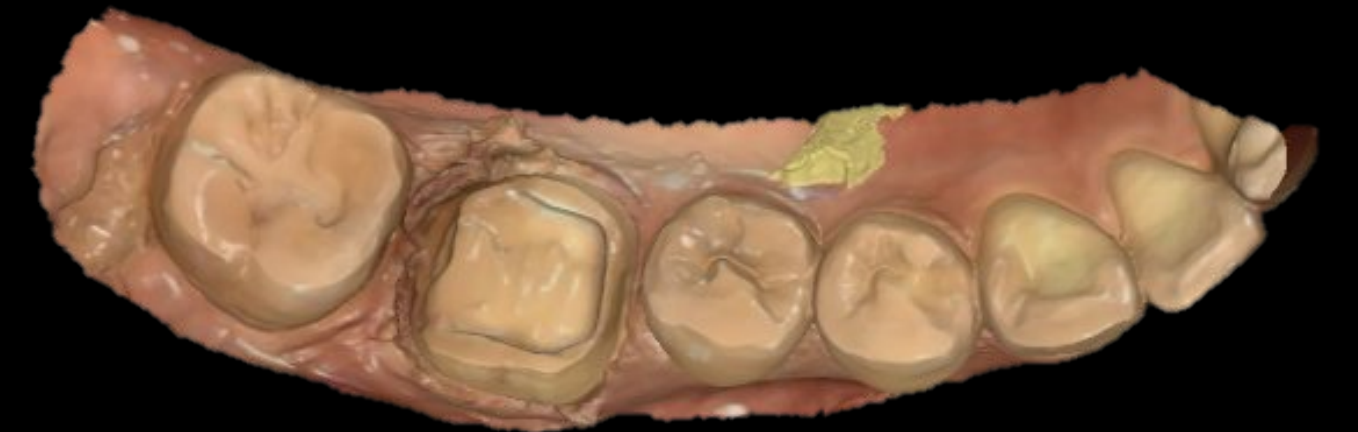


It rises to pH 12 and form Apatite -> Mineralization

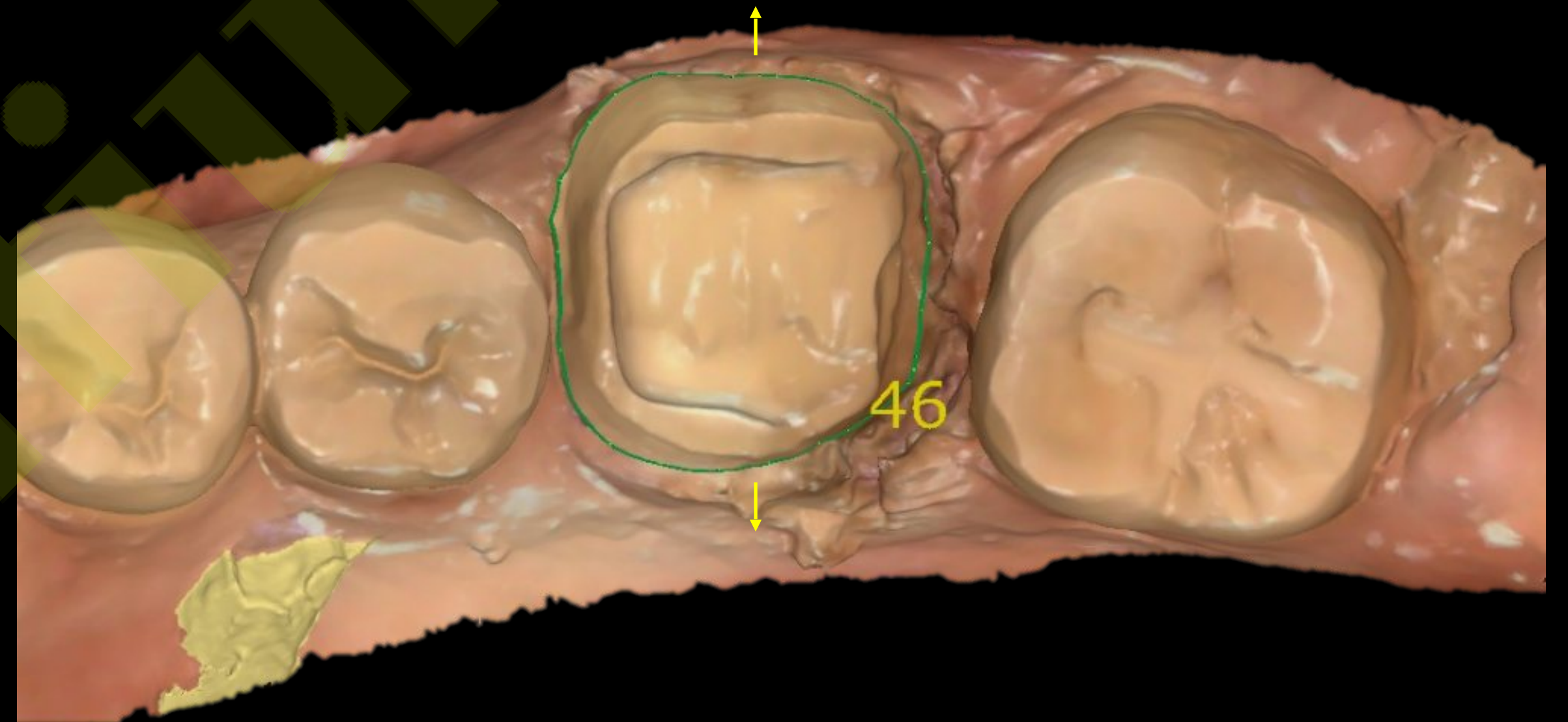
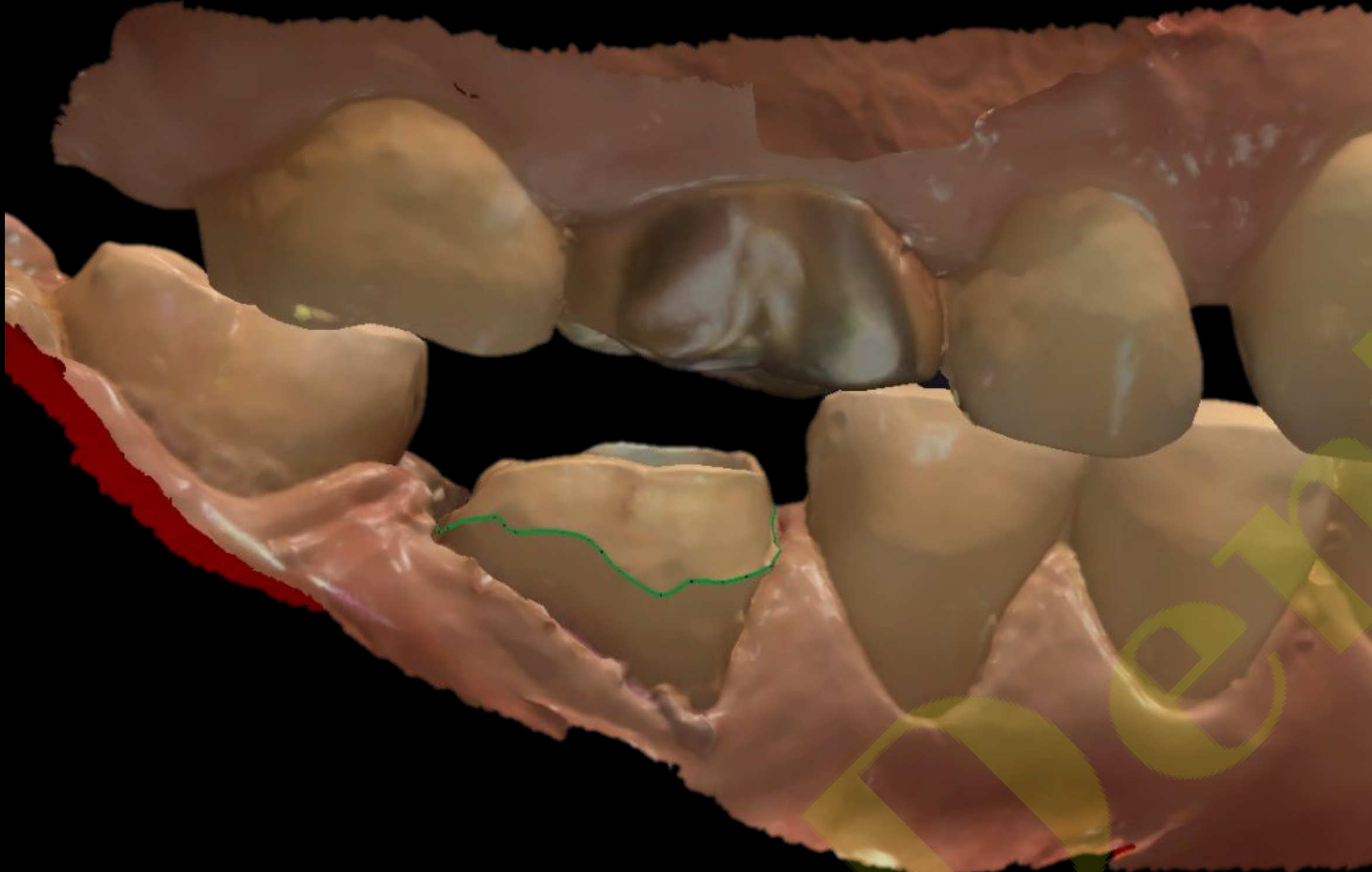
- #46
- Natural Tooth
- Shade A3.5
- Shade Block



Working model



Working Model



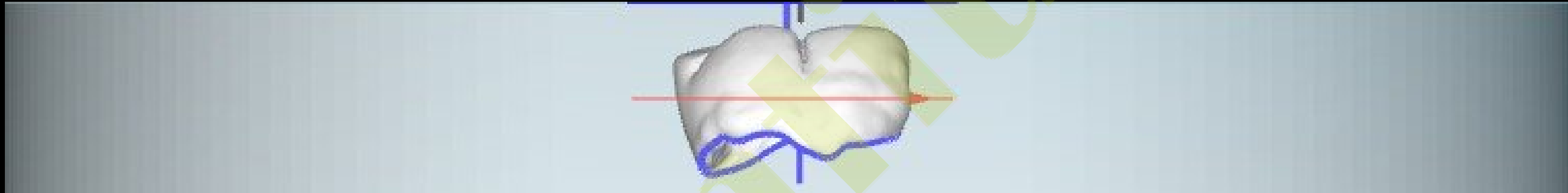
Cad Design



Shade Taking

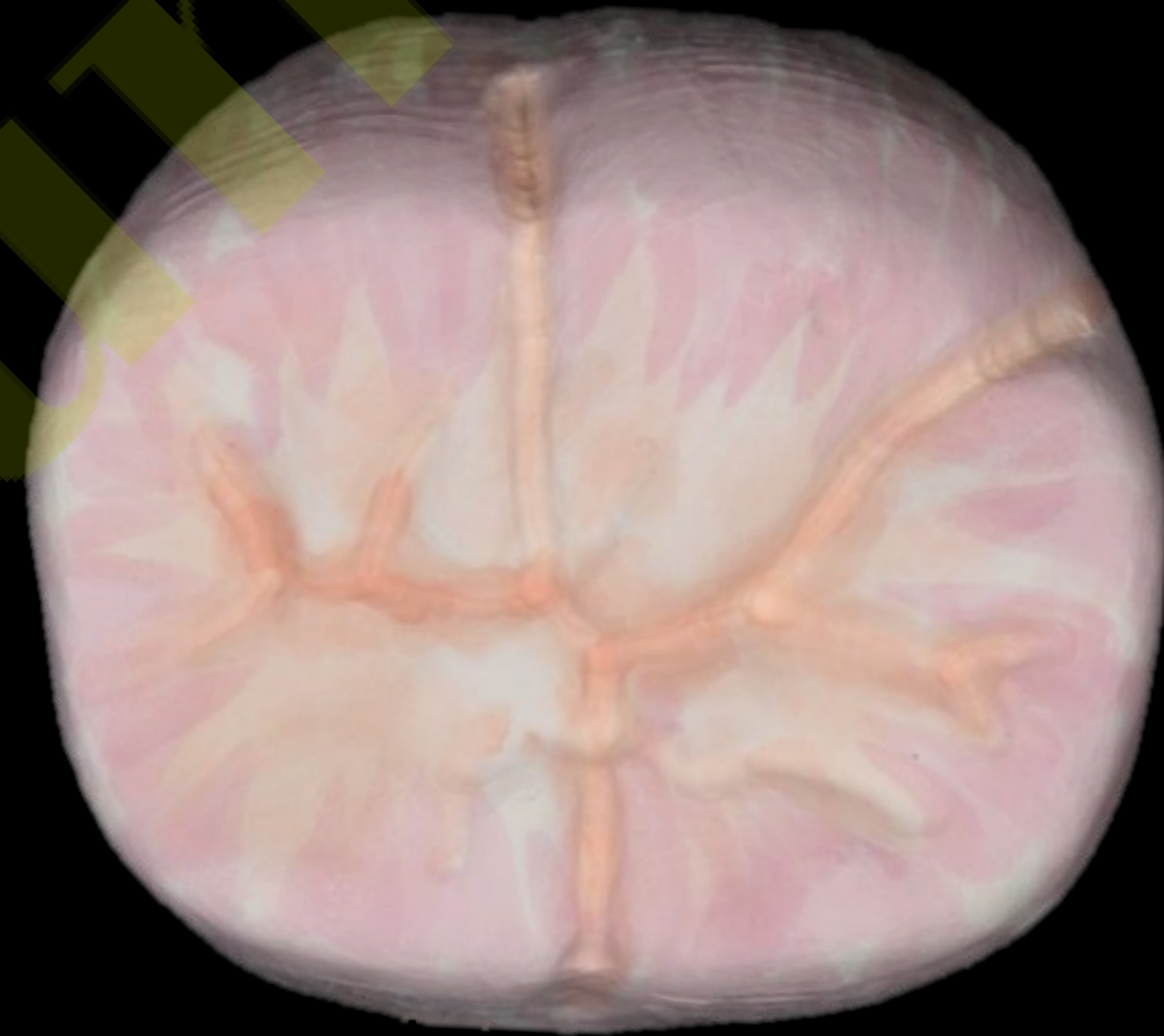


Hyper Dent



Shade Block A2

Coloring



Inner – White Opaque
Cervical, Groove – A3.5
Occlusal – Light Gray

Glazing



Dentitium

Final Prosthesis



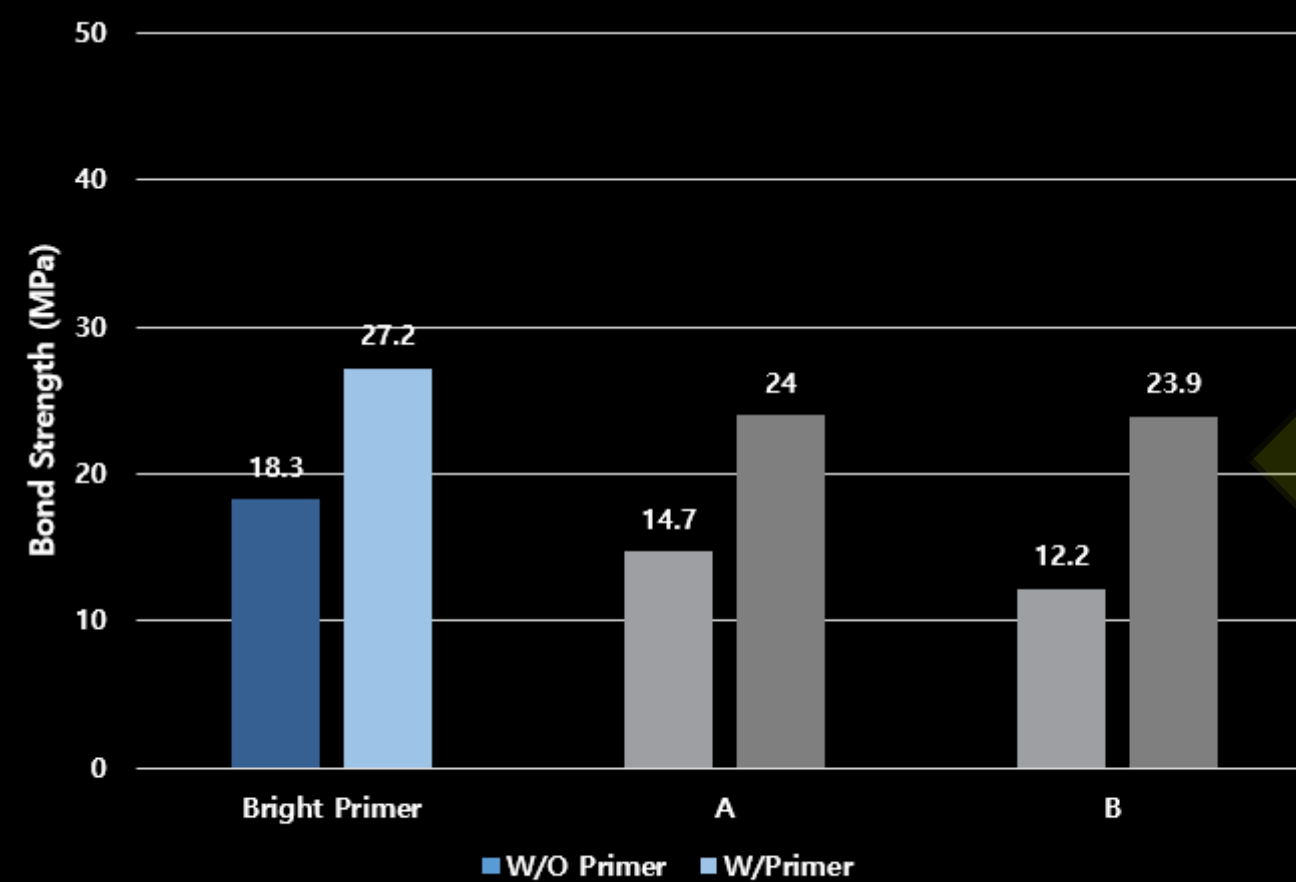
Bright Primer

- **Universal Primer containing 10-MDP**
- Improves Bond strength between cement and restorations
- Excellent bond strength to Zirconia & Metal & LS2

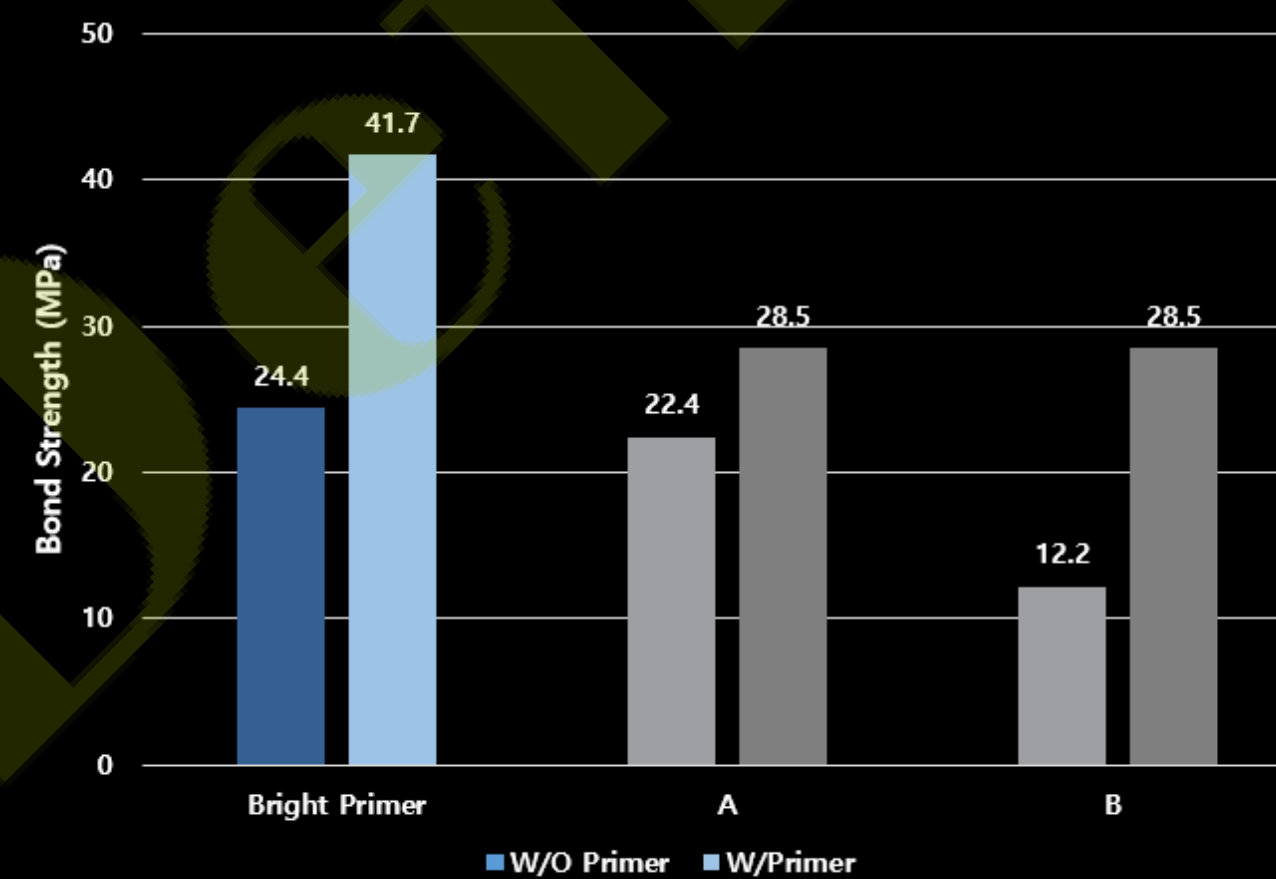


Bond Strength

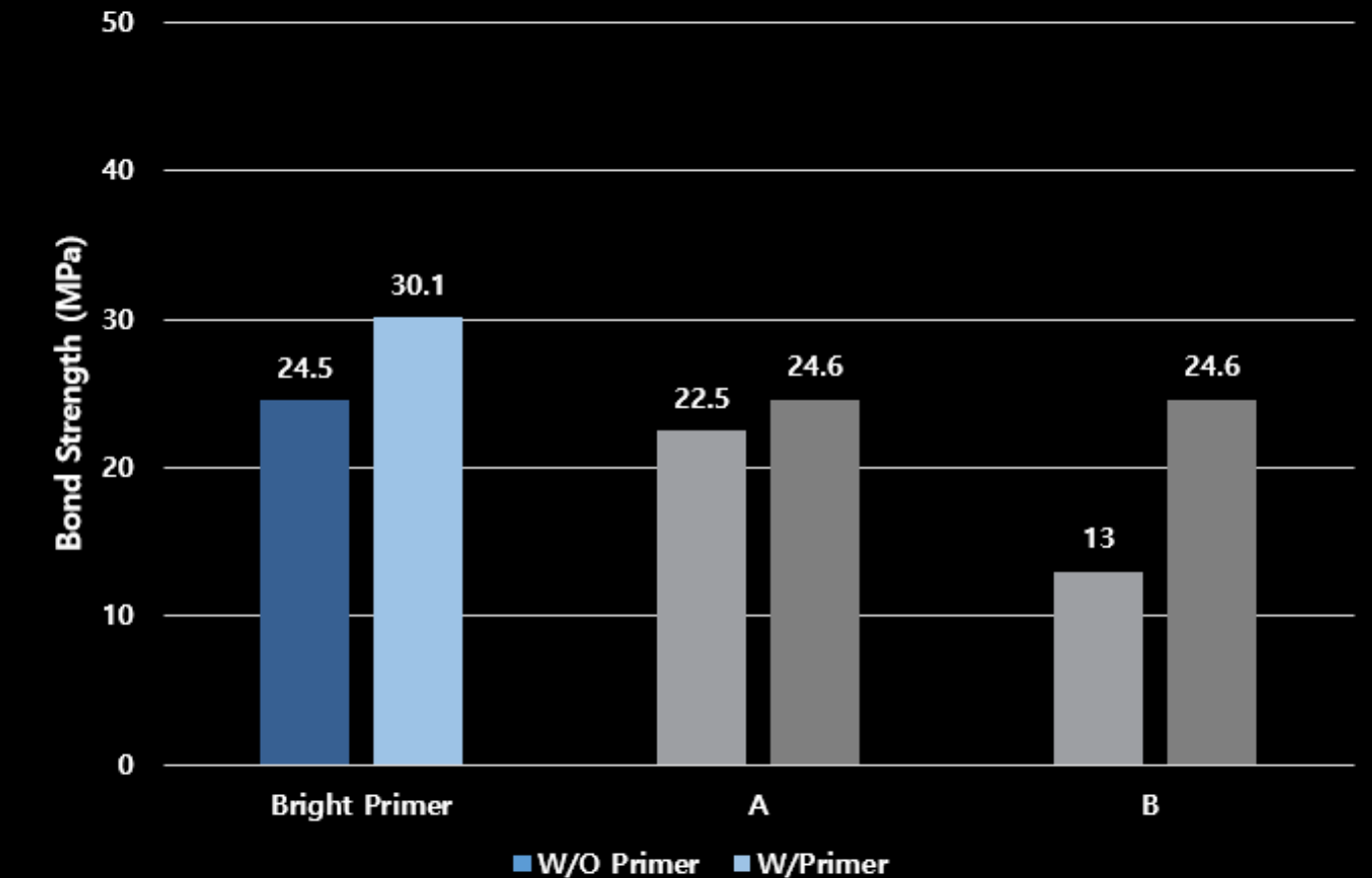
@ Zirconia



@ Metal



@ LS2

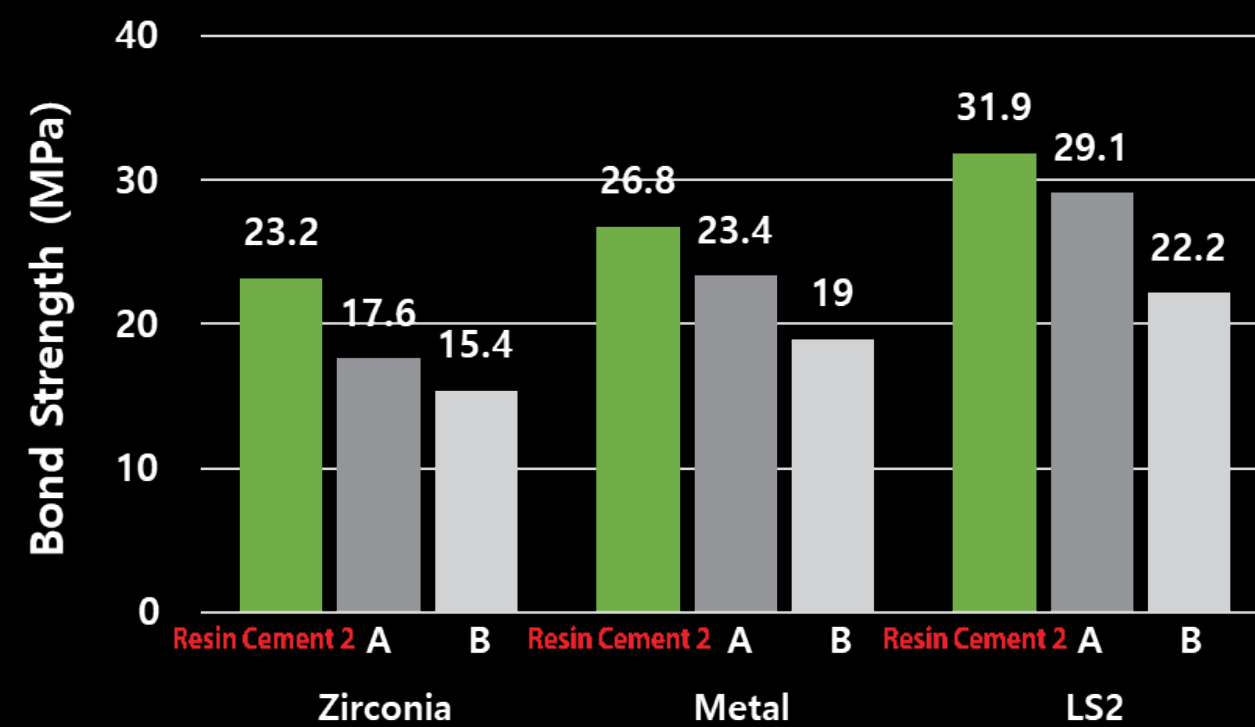


Bright Resin Cement 2

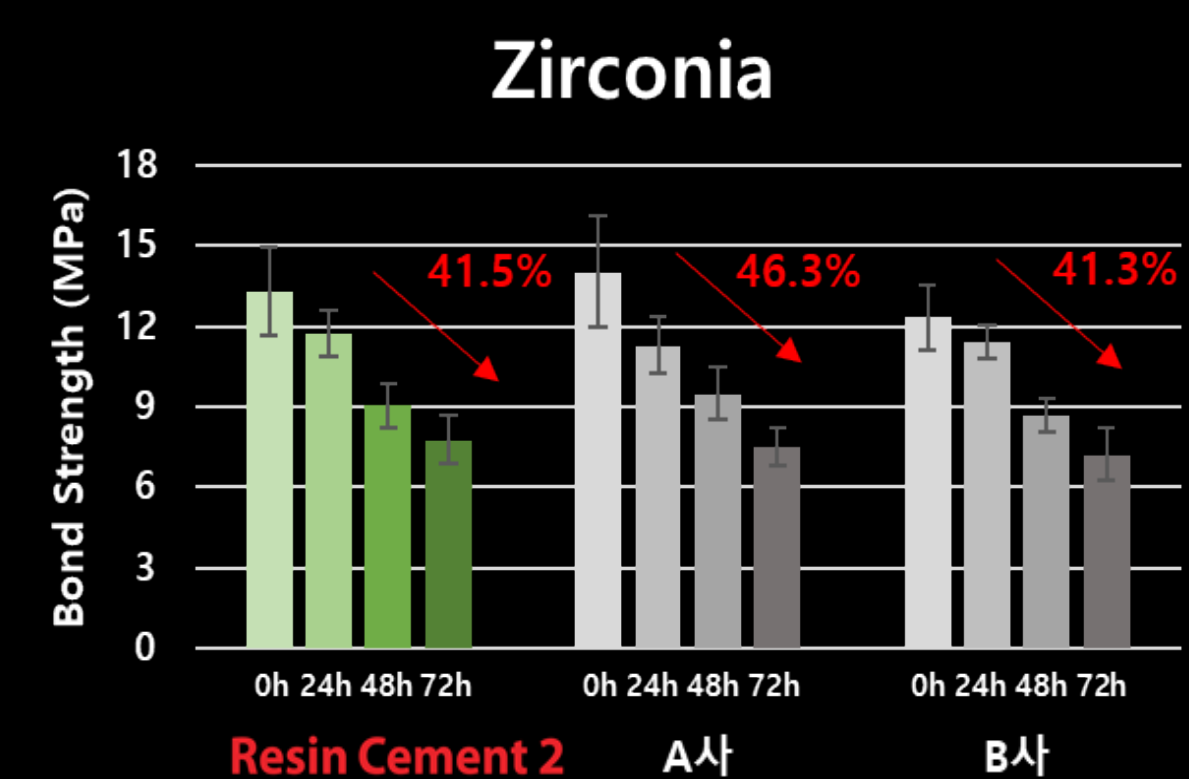
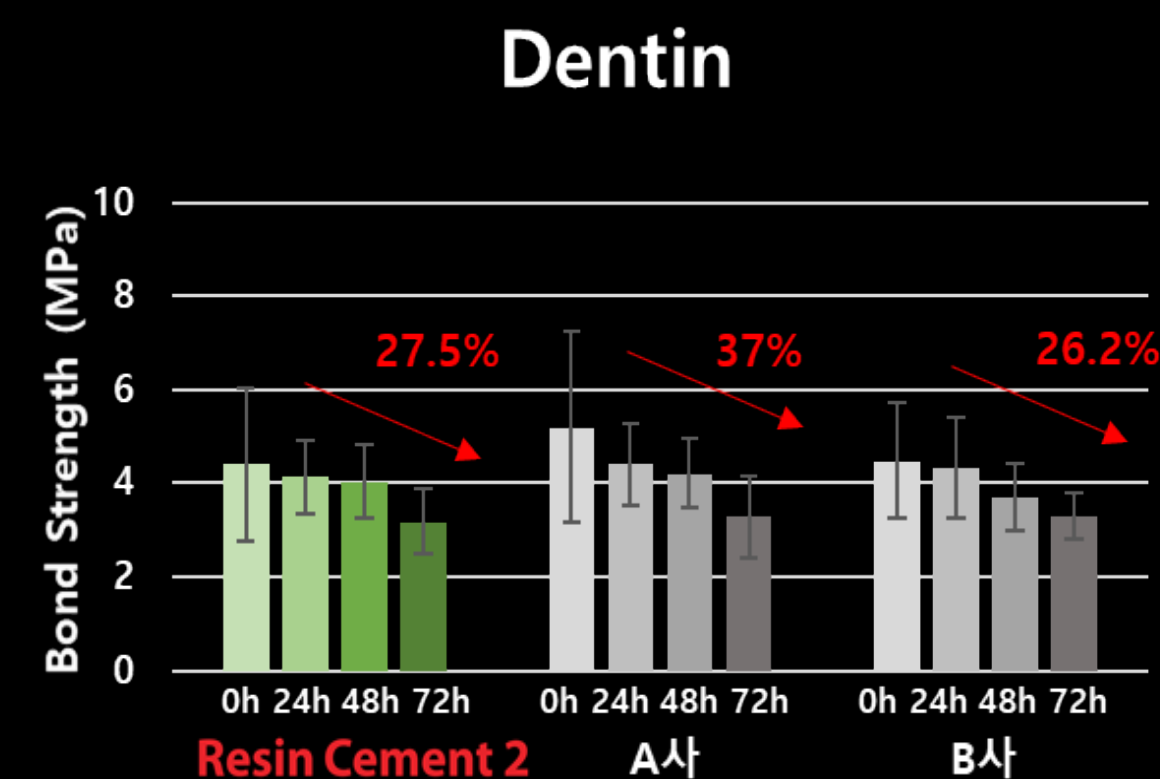
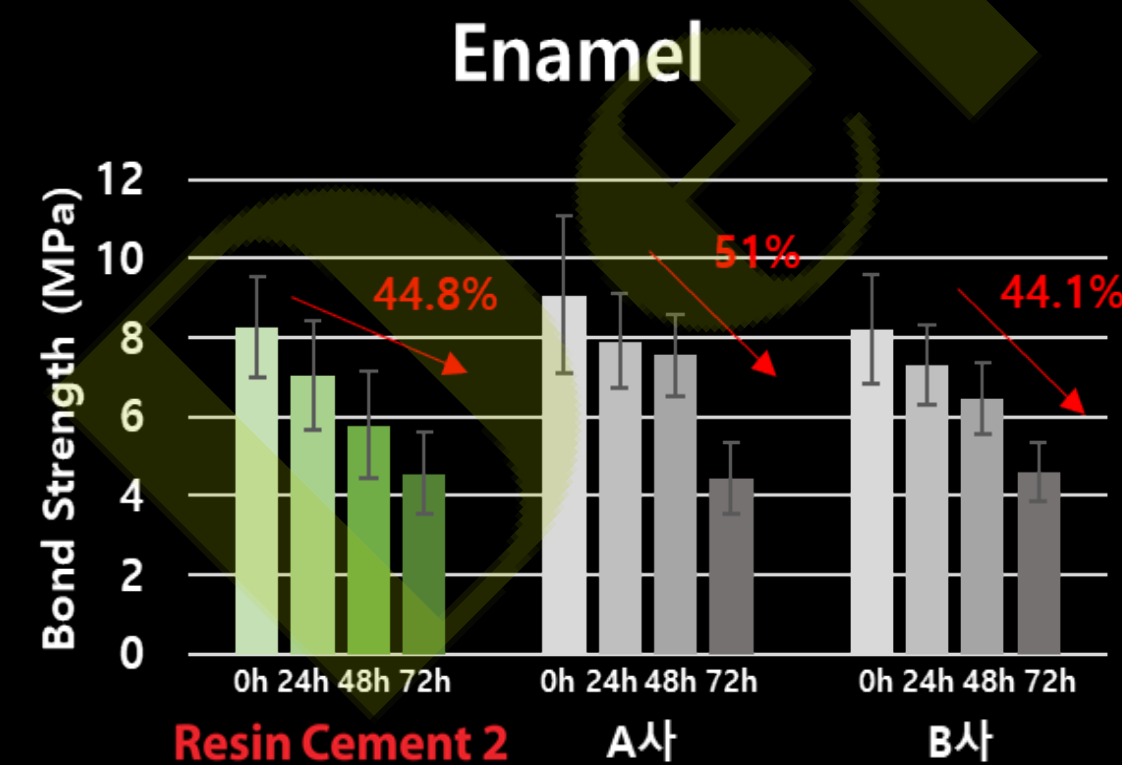
- **Strong (10-MDP) → Strong bonding to indirect restoratives**
- Stable storage stability in both refrigerated and R.T storage
- Long Working time (≥ 2 min) / Short Setting time (≤ 4 min)



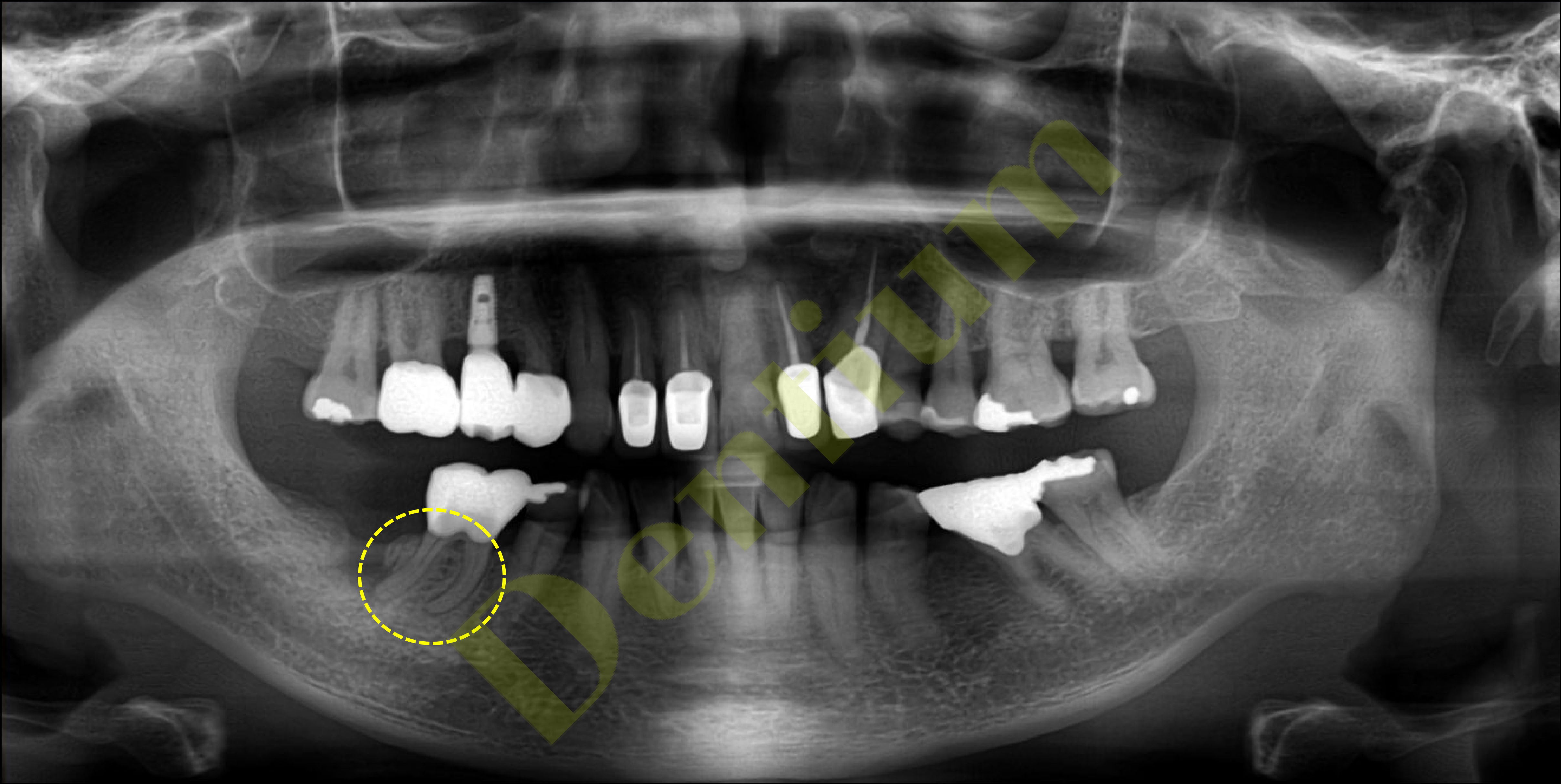
Bond Strength

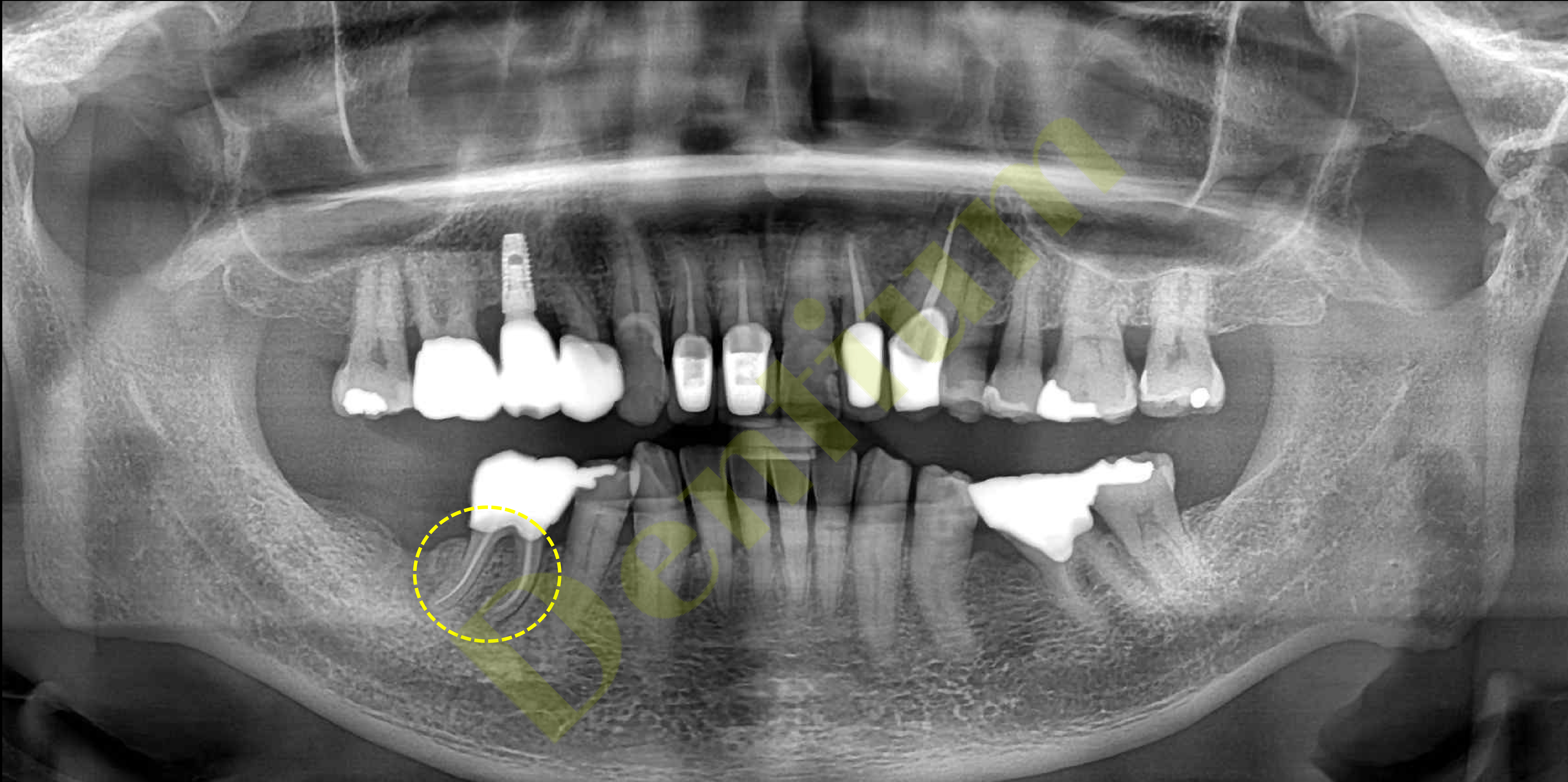


Adhesion durability (72h F/U)

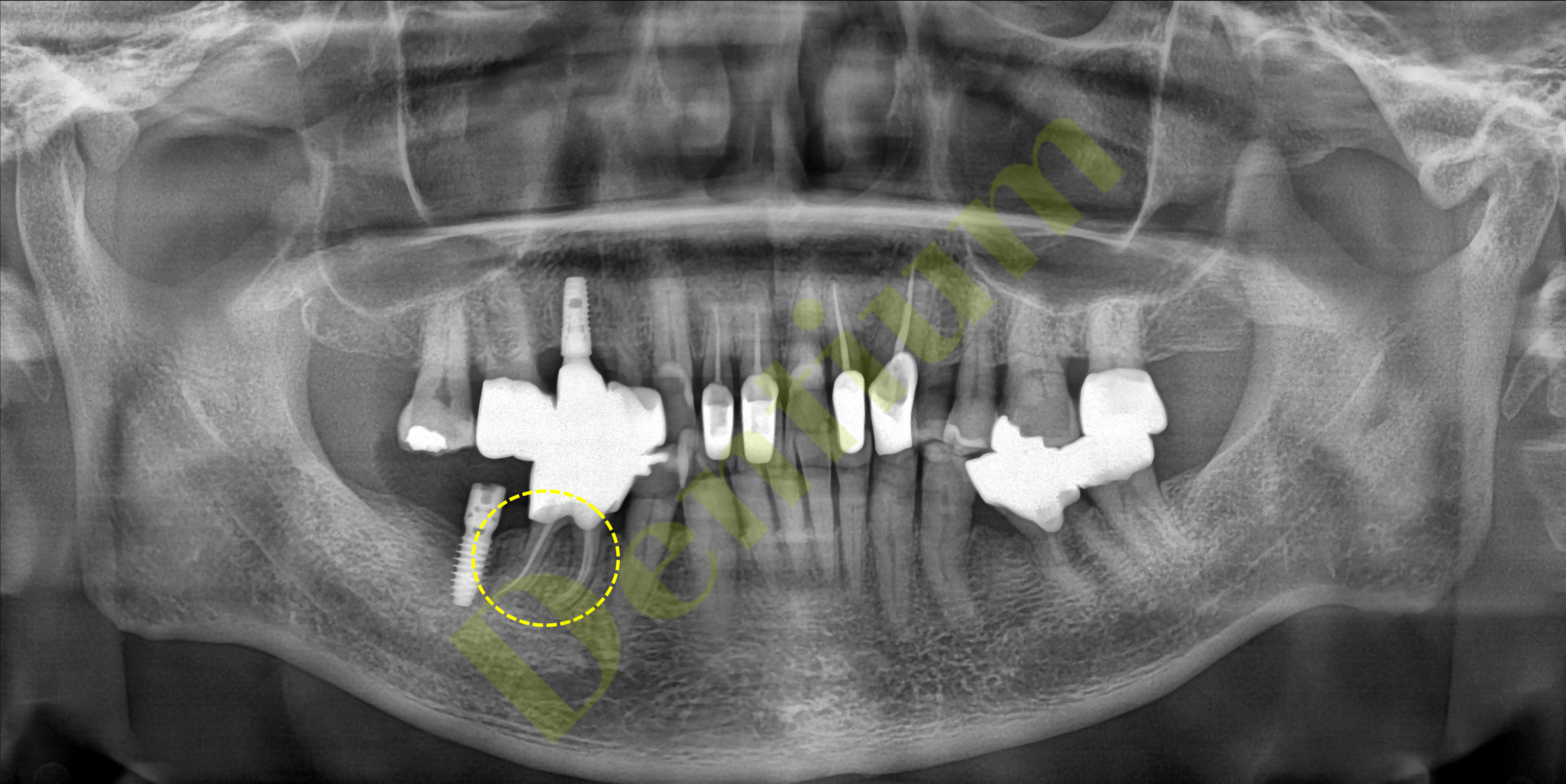


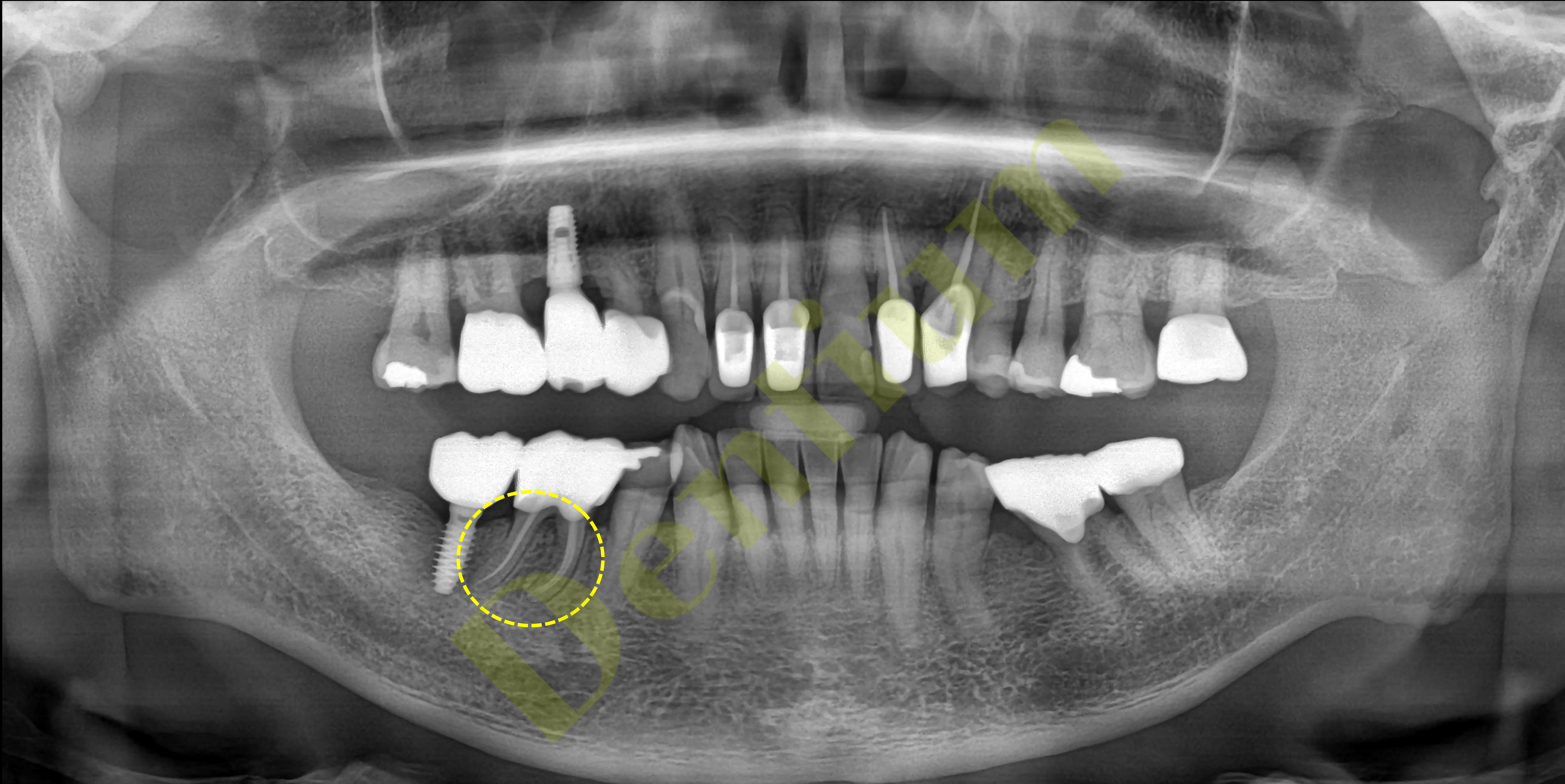
Oral exam (2021-09-16)





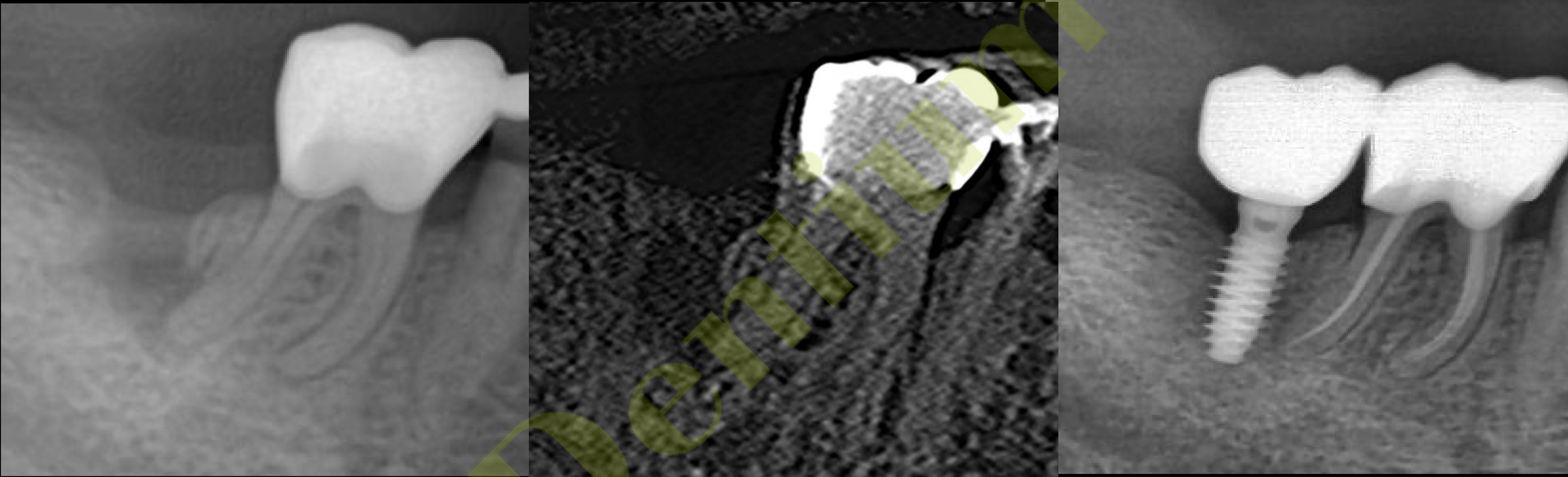
Oral exam (2022-11-30)



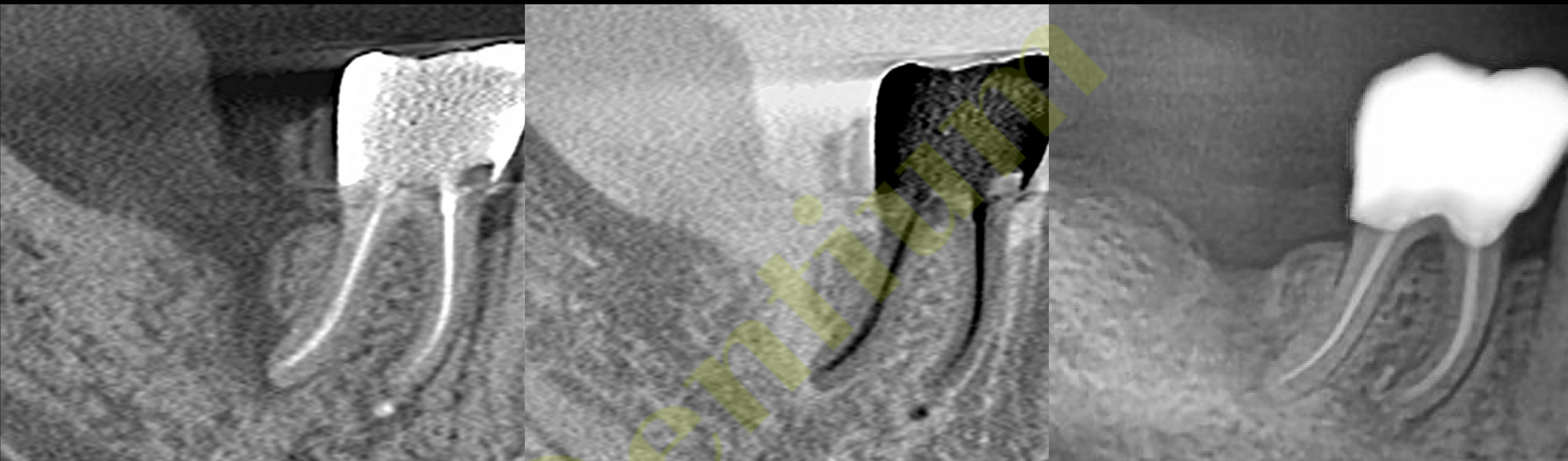


Pre-op (2021-09-16)

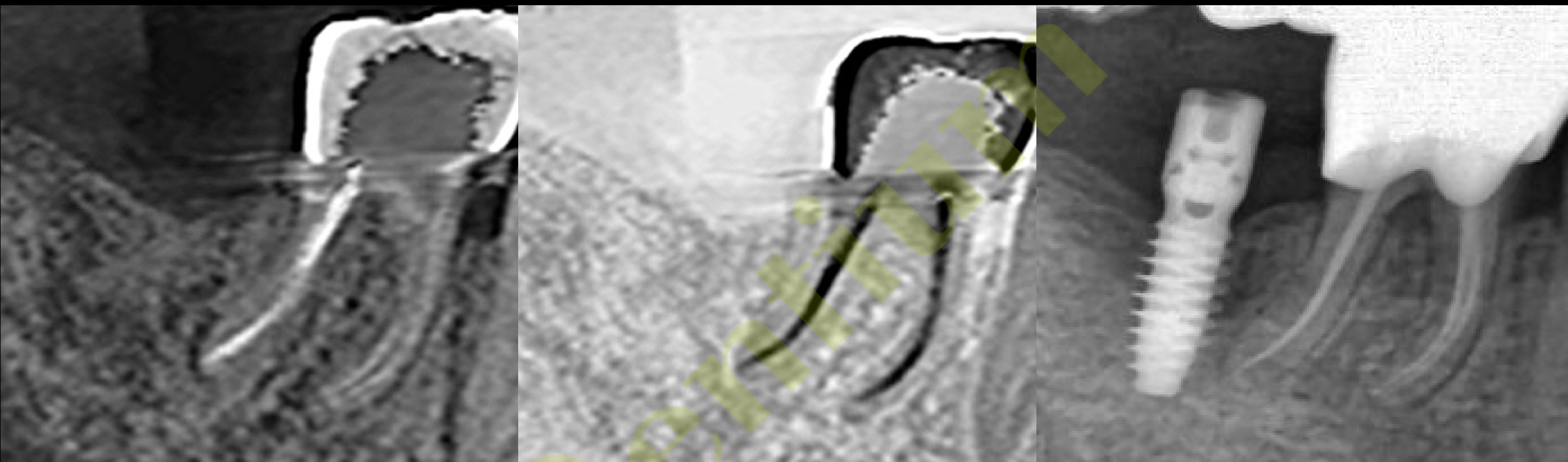
Follow-up : 1 year 4 month (2023-03-22)

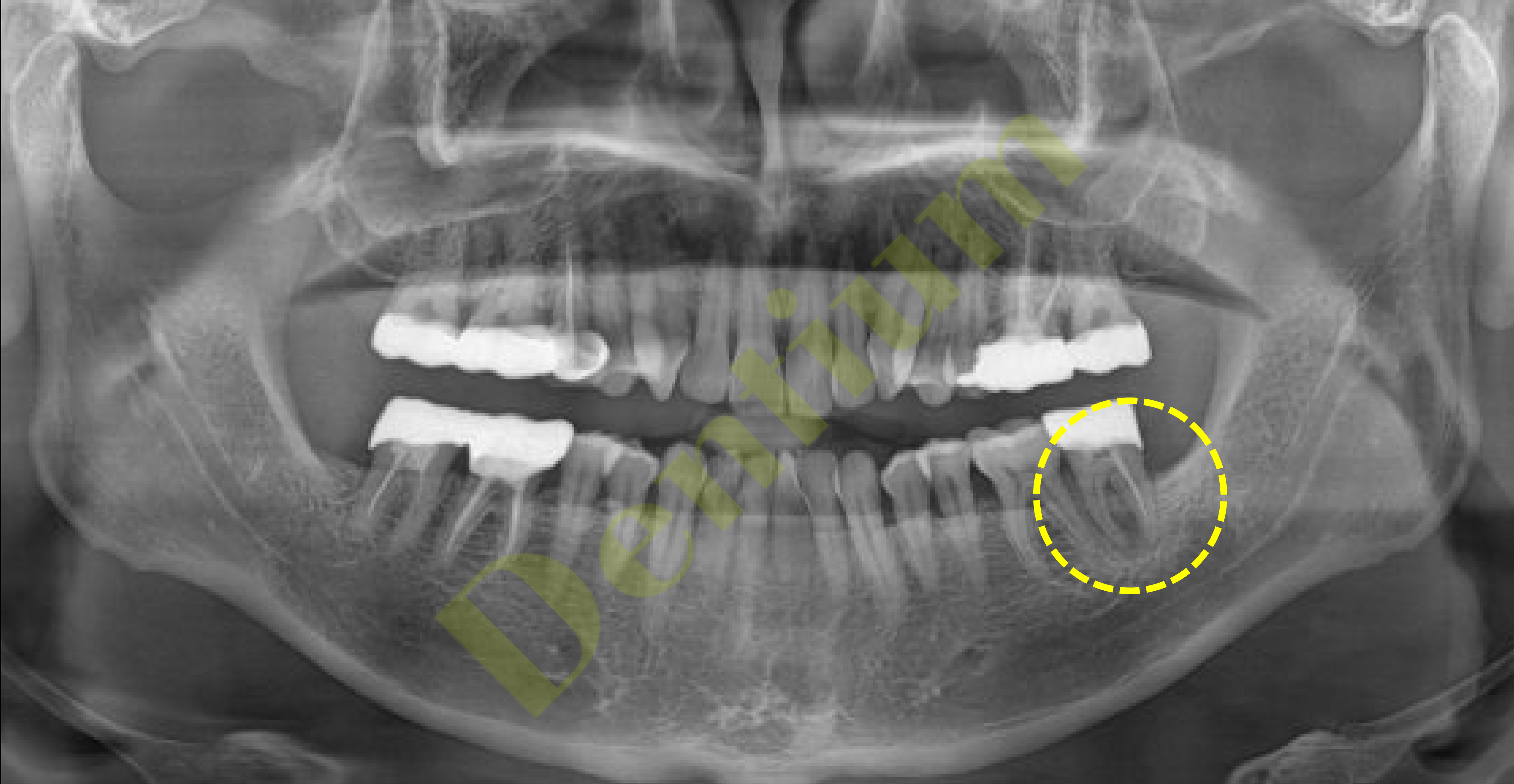


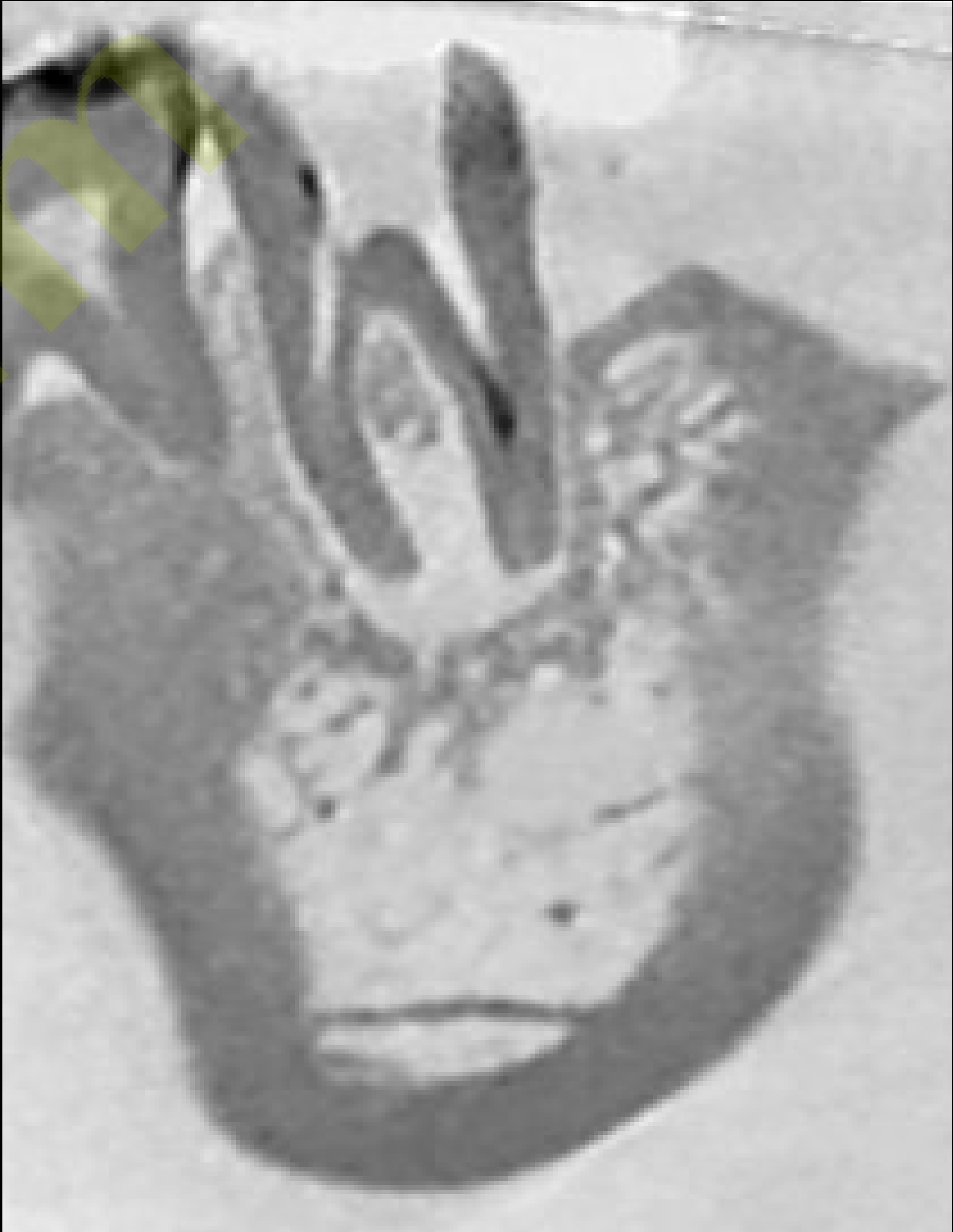
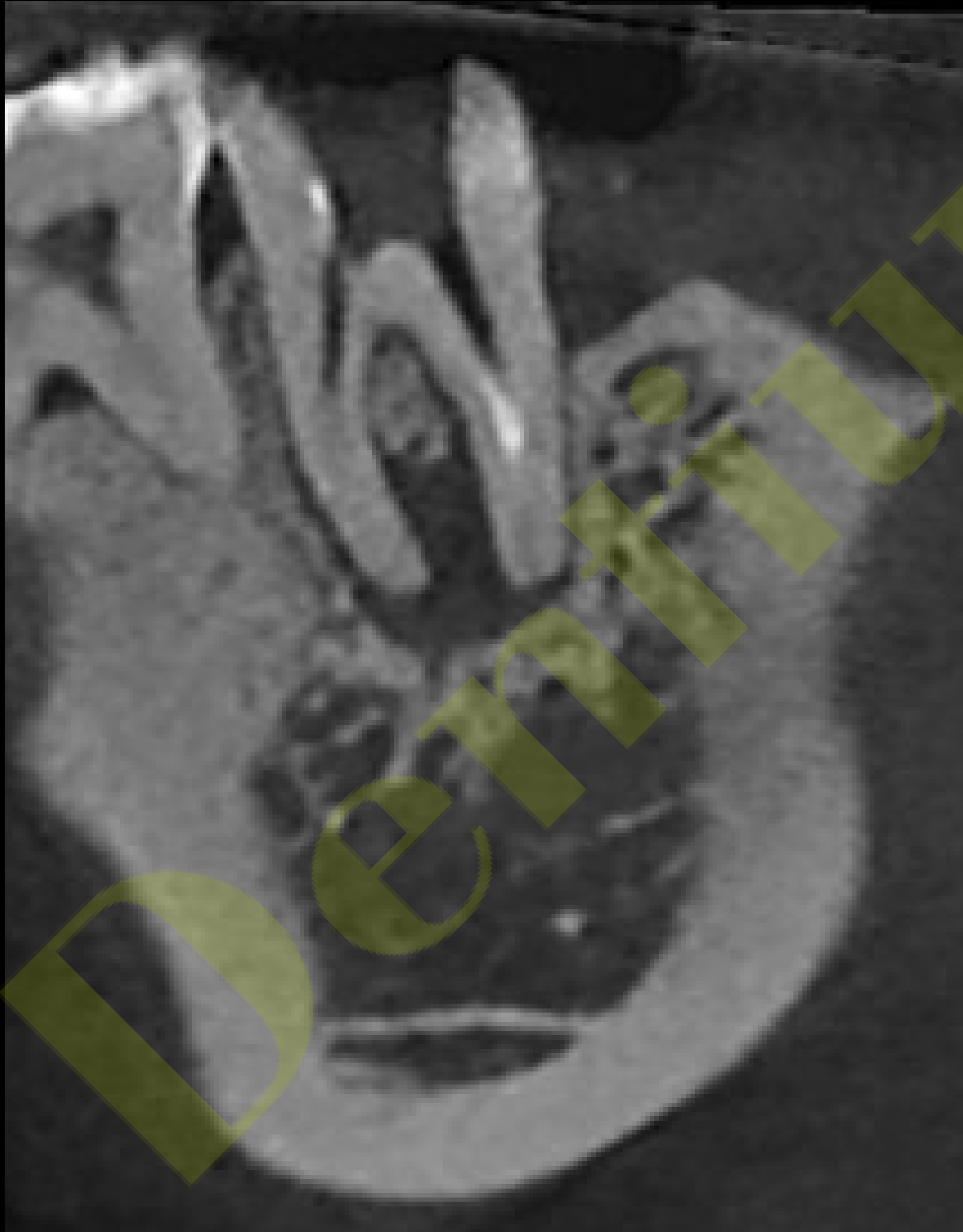
Follow-up : 4 month (2022-03-10)

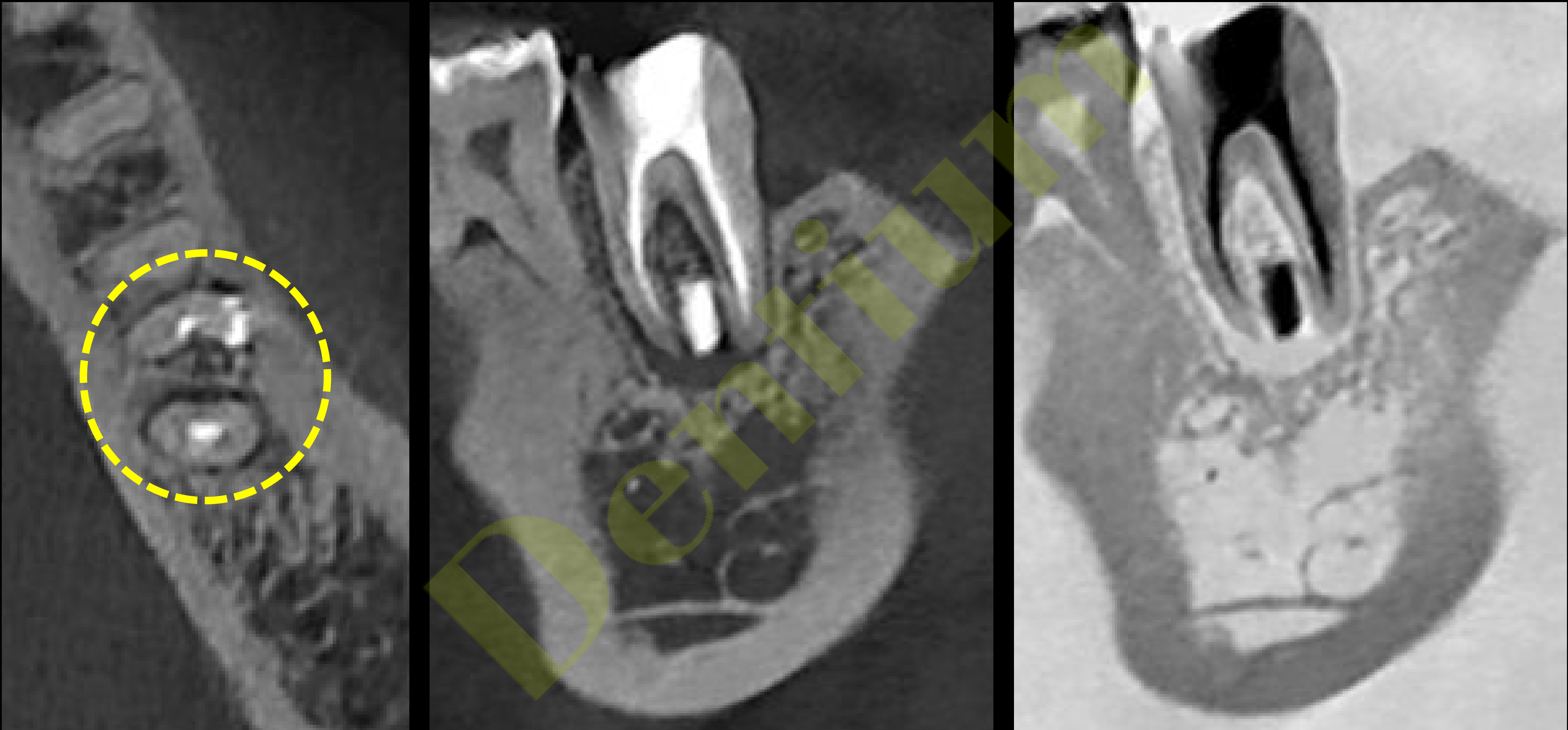


Follow-up : 1 year (2022-11-30)

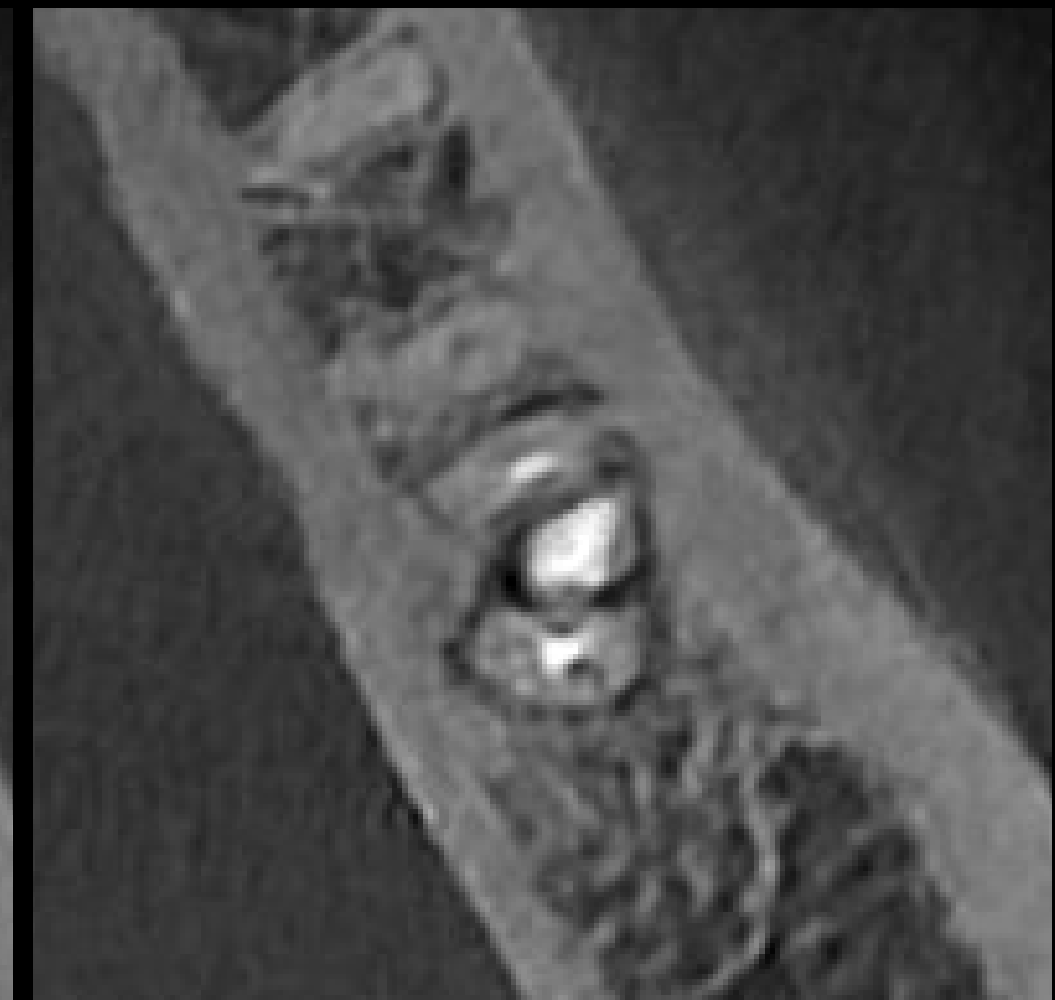
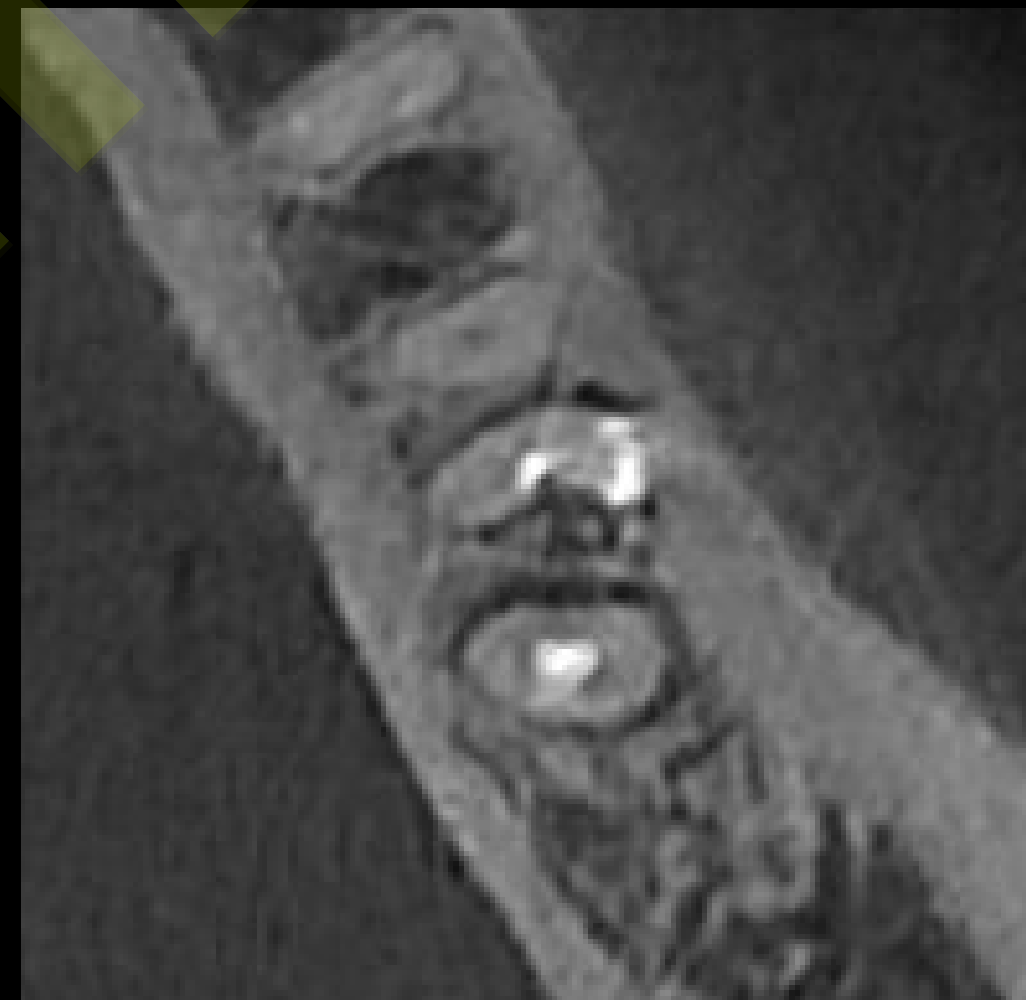
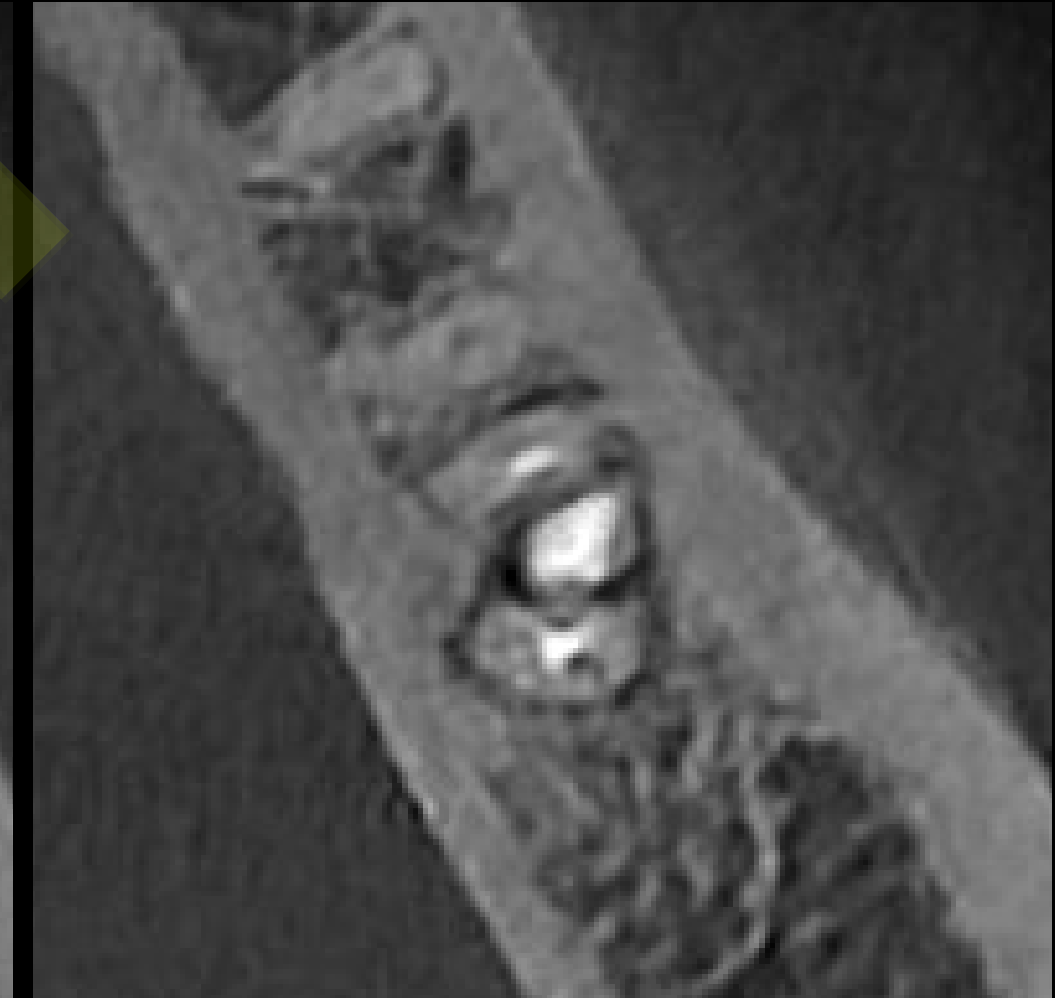
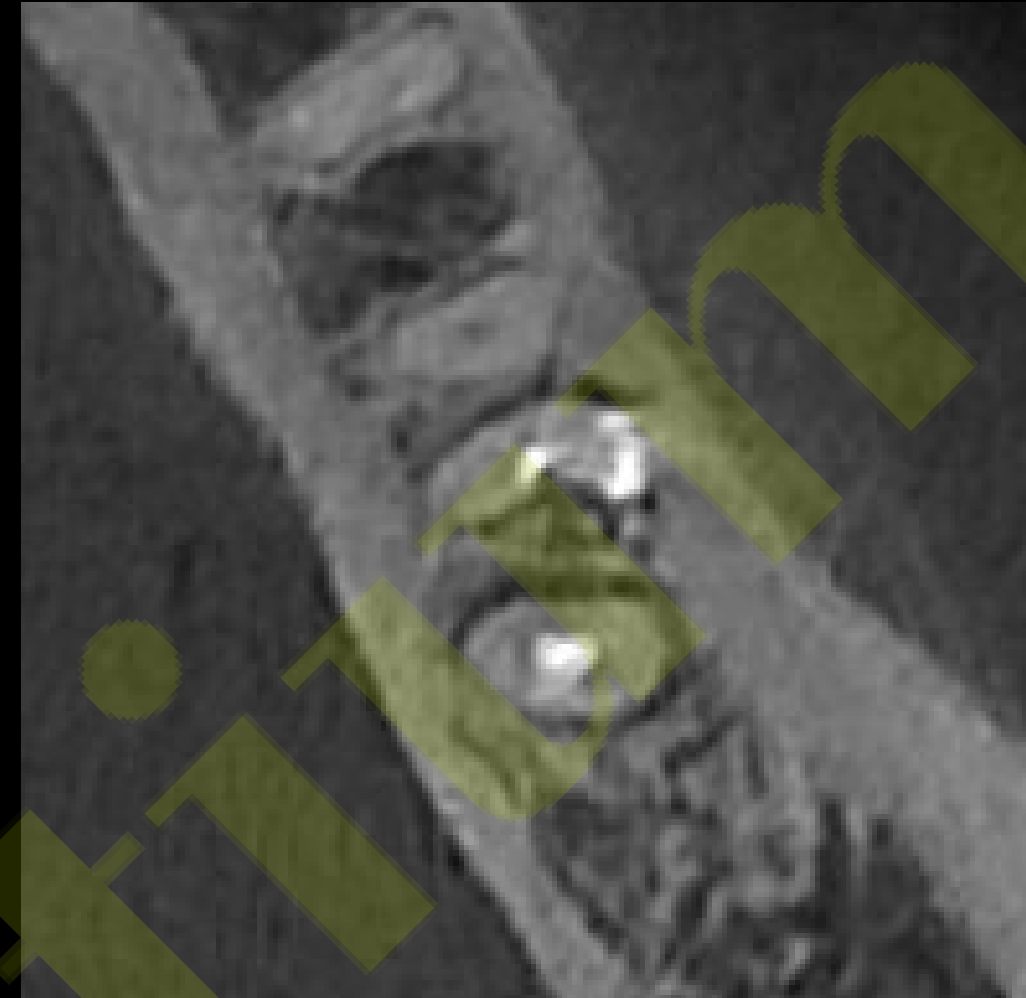
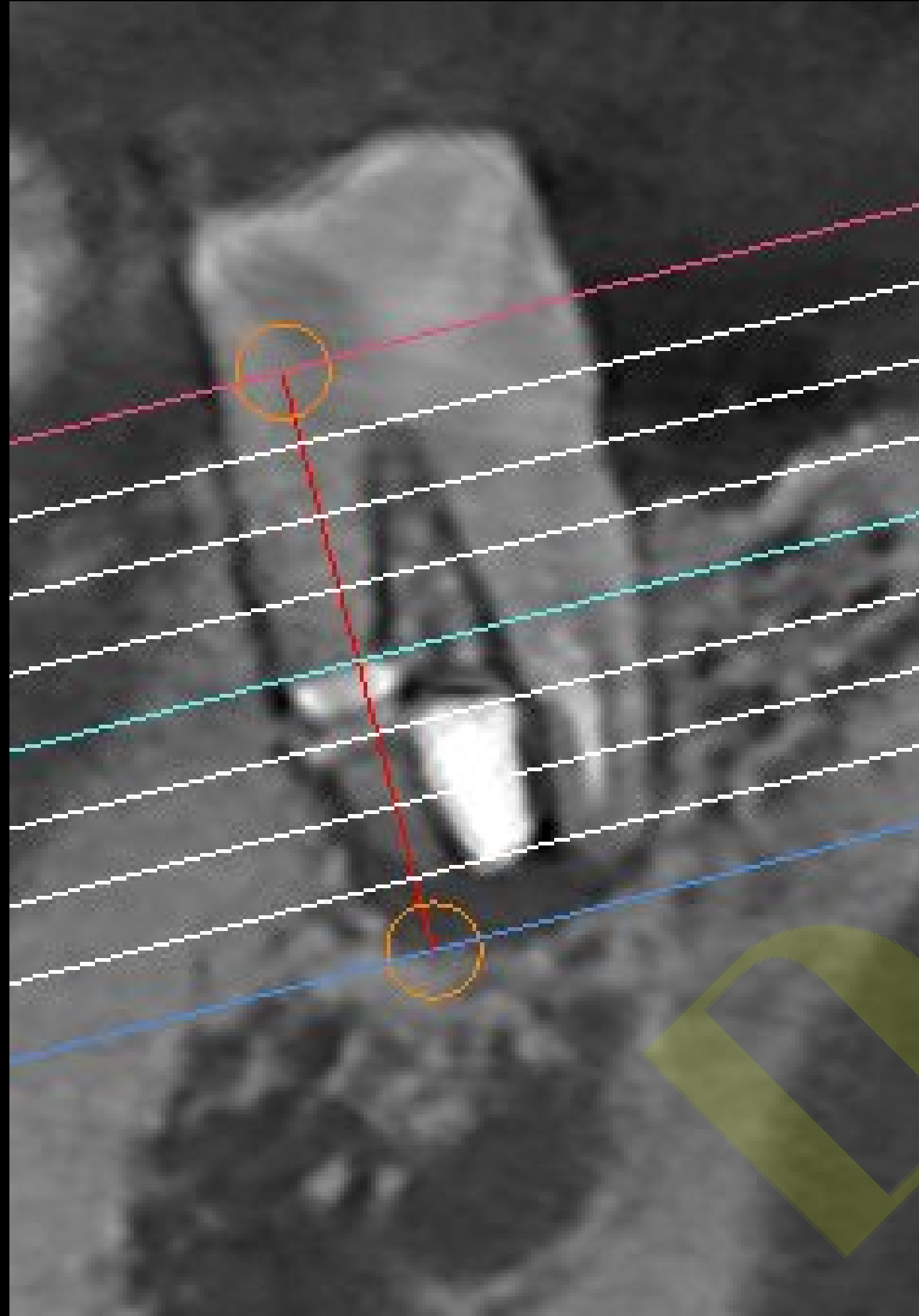






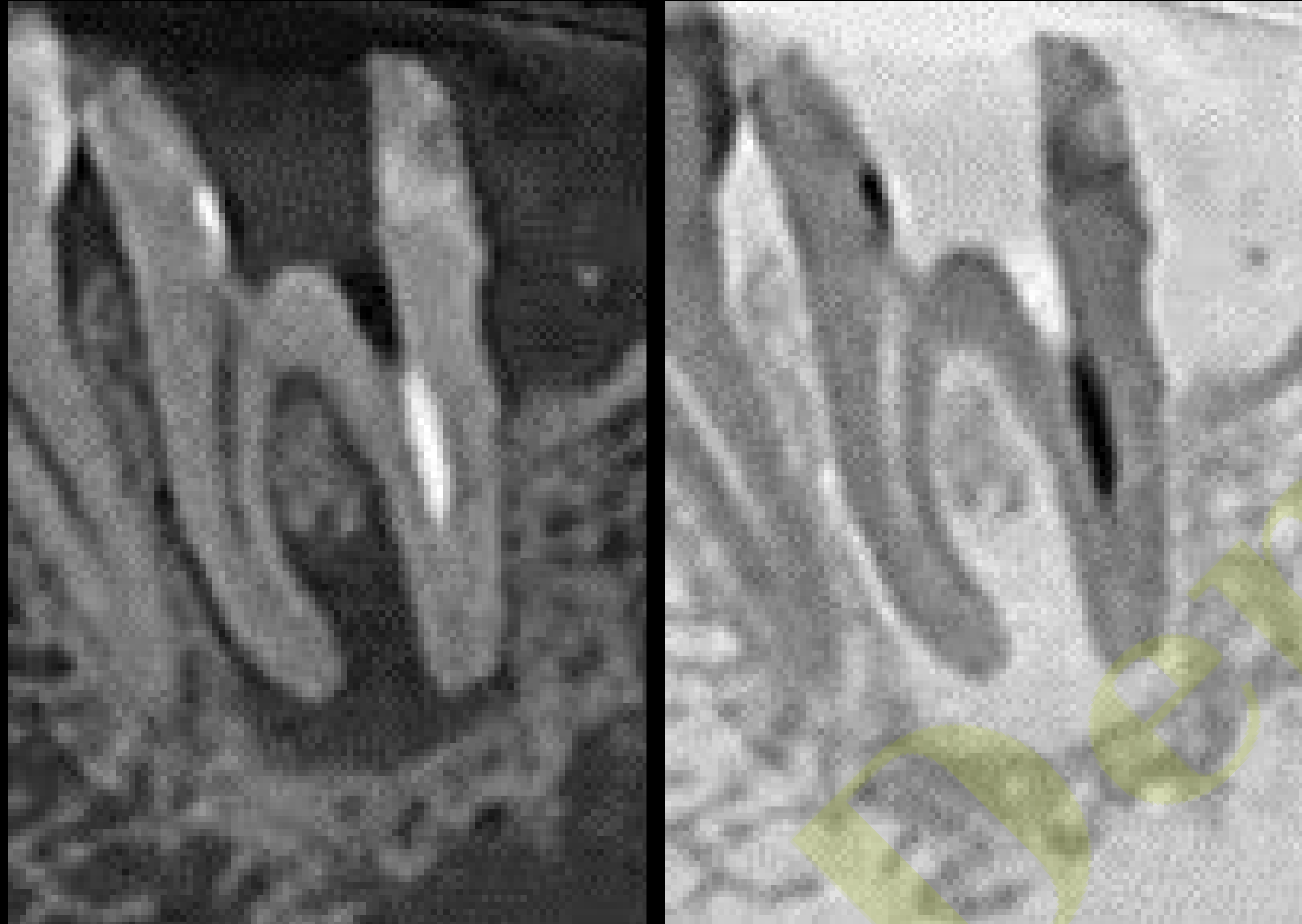


#37 Mesial canal MTA Filling (2024-02-27)

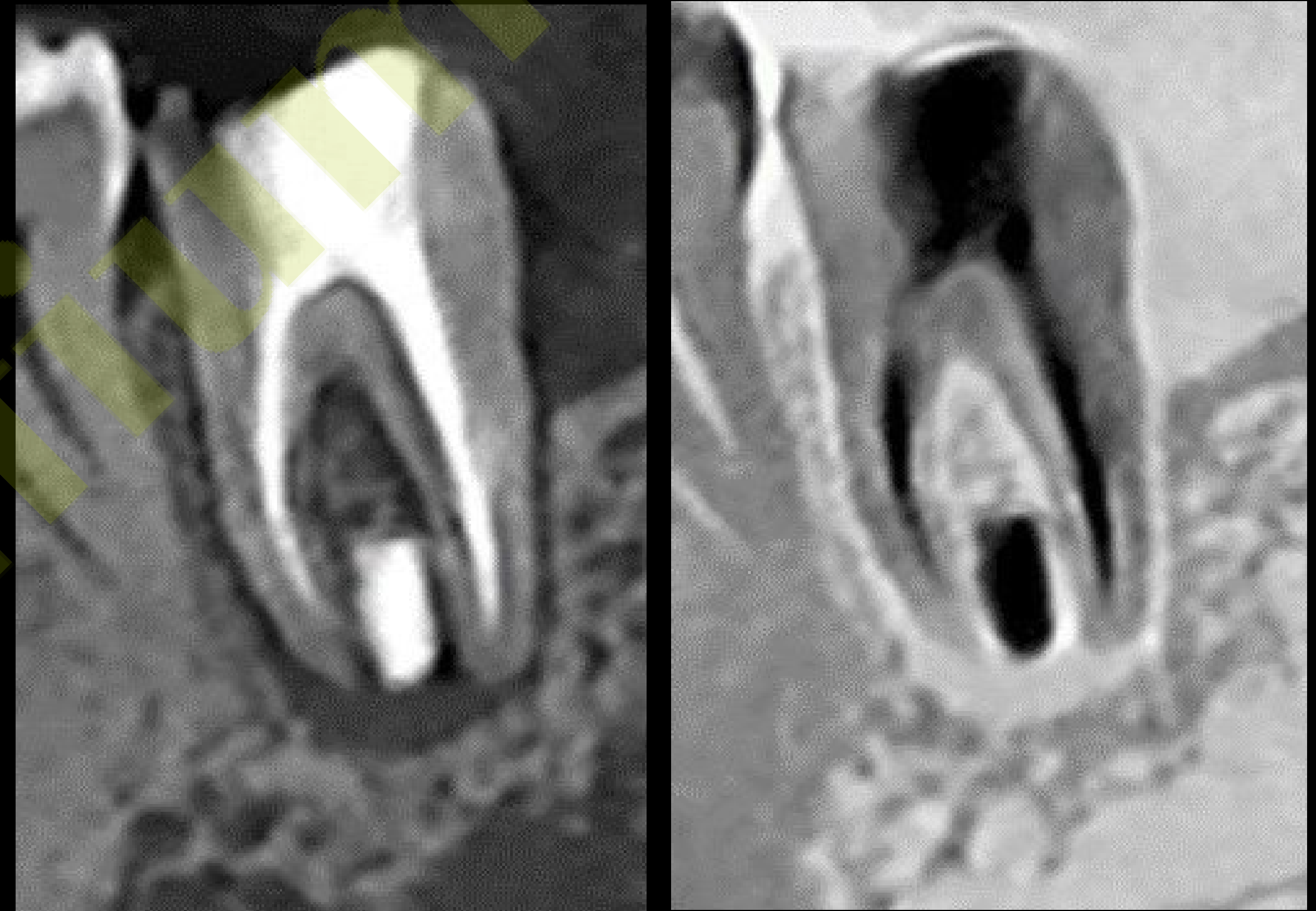


#37 Digital canal GP-Cone + MTA Sealer filling (2024-02-27)

< Pre-op CT >



< Post-op CT >



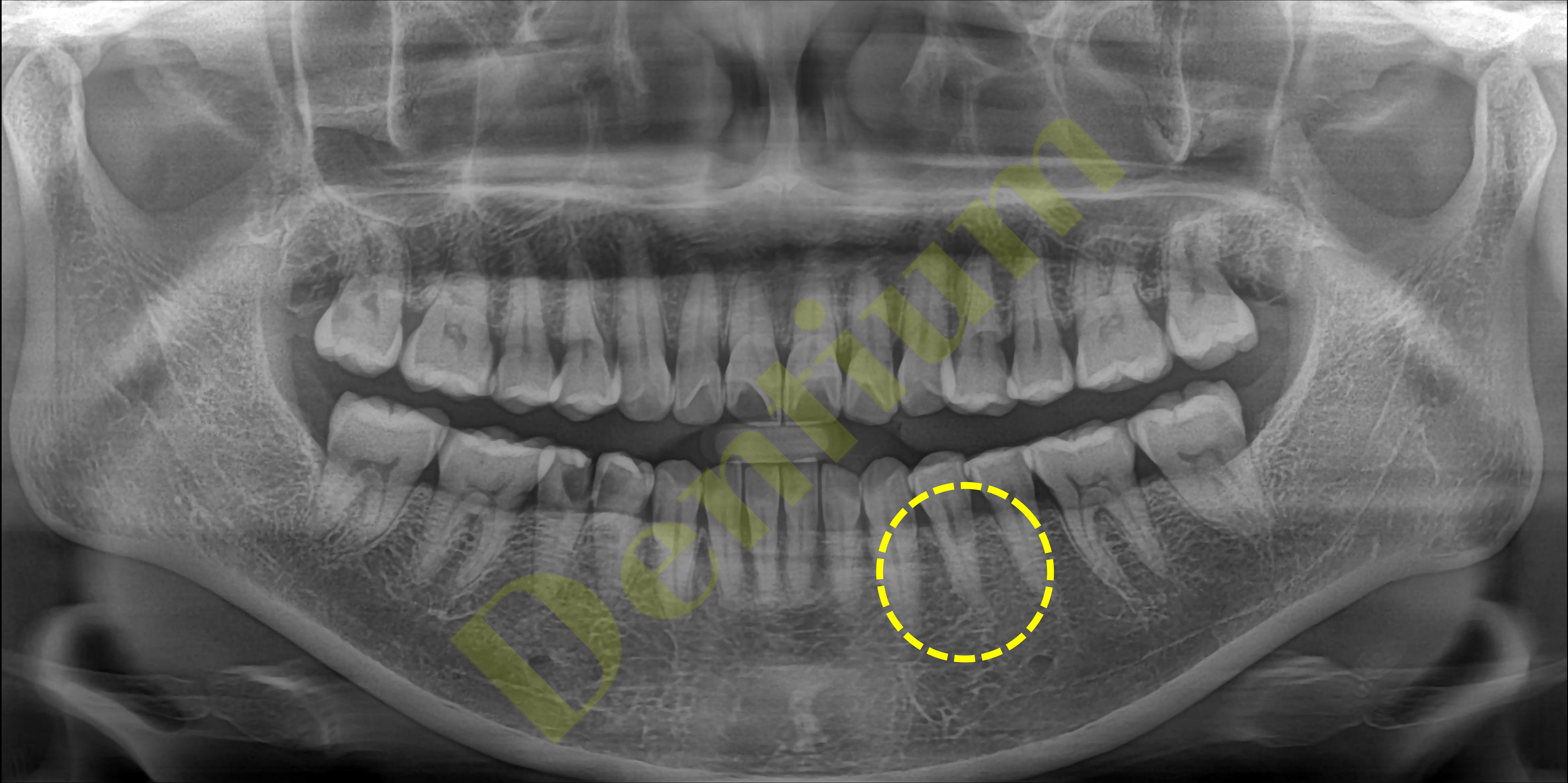
Final Periapical radiograph (2024-02-27)



Follow up : 1 month (2024-03-27)



Oral exam (2023-10-20)



Pre-op CT (2024-03-19)



Post-op (2024-03-19)



Resin core & Abrasion building (2024-03-19)



Bright Universal Etchant





- Bright Universal Etchant
- Bright Primer
- Bright Bond Universal



- Bright High Flow
- Bright Low Flow

Bright Flow

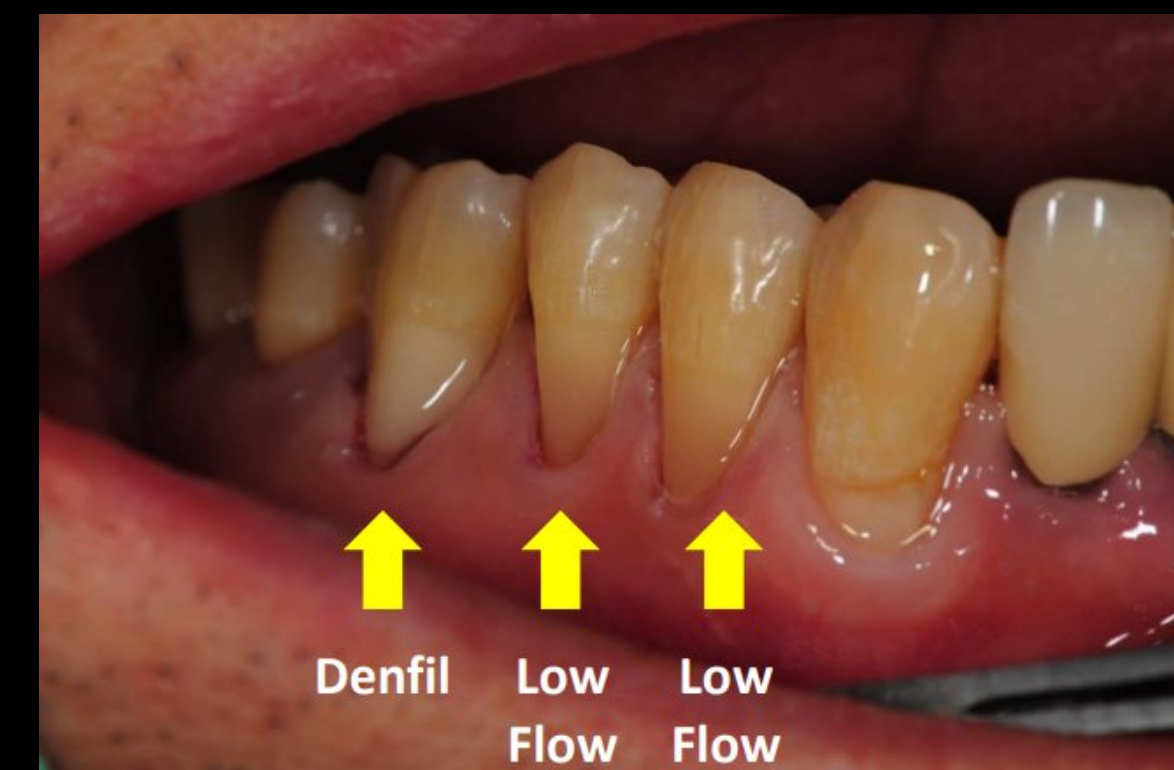
Light-cured Flowable Composite Resin

High flexural strength $\geq 140\text{MPa}$



Excellent radiopaque

Excellent bonding strength with Bond Universal



Denfil
Low Flow
Low Flow

Company A

Low flow

Company B



Bluemoon
Curing Light

Dual wave LED, Glass Lens, 1 Button, All 4 modes

3 sec

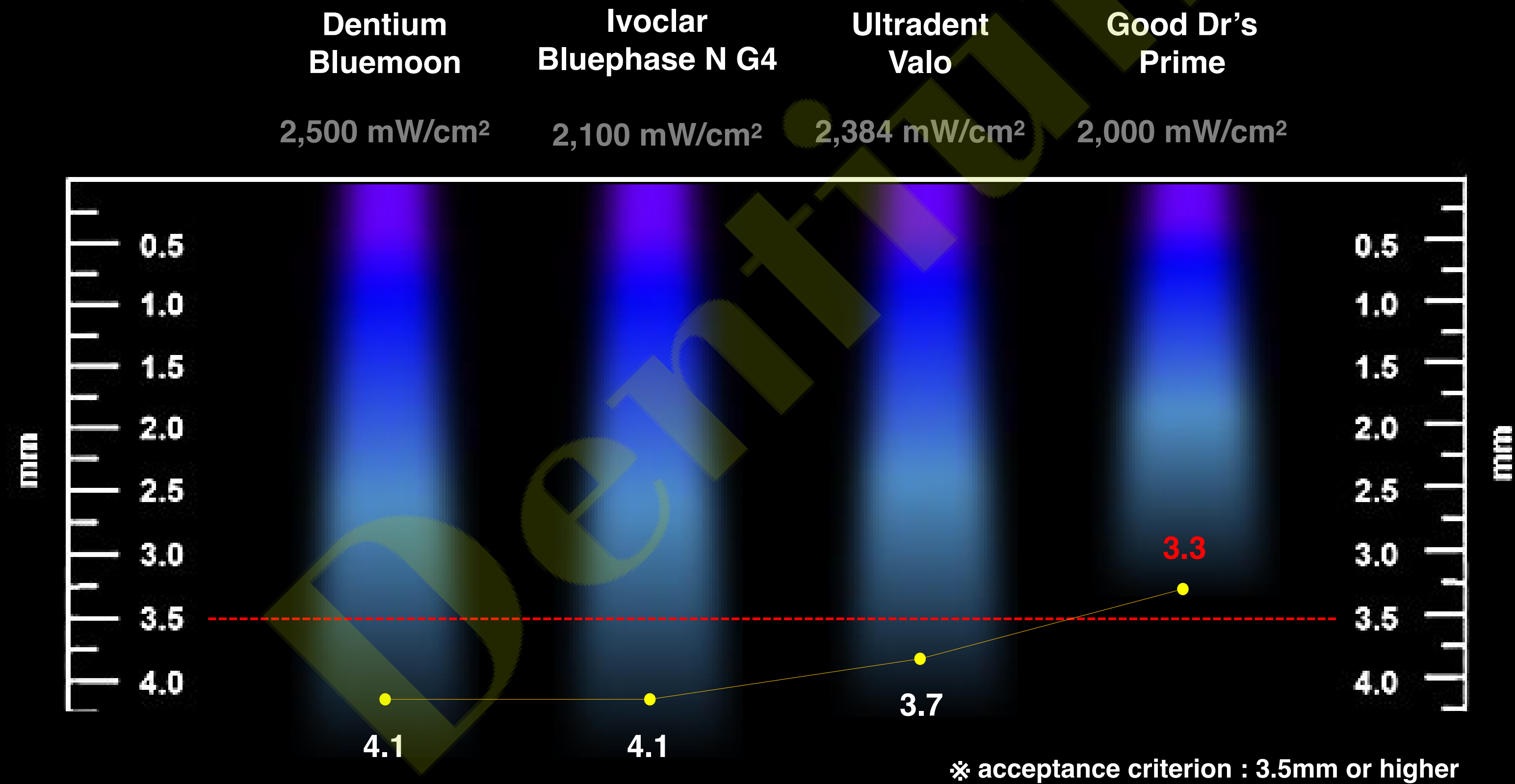
Incomparable to
anything

Dentium	판매원	서울특별시 강남구 자곡동 649, 821호 (강남메이스타워) Tel. 02-555-3750 / www.dentium.co.kr
GENOSS	제조원	경기도 수원시 영통구 창룡대로 256번길 56 www.genoss.com

Dentium

Compare Polymerization Depth performance with Competitors

- Bluemoon(4.1mm) ≅ Bluephase(4.1mm) > Valo(3.7mm) > Prime (3.3mm)



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자료 준비에 도움을 준

개발팀 치과팀

임상연구팀 마케팅팀

노고에 감사합니다