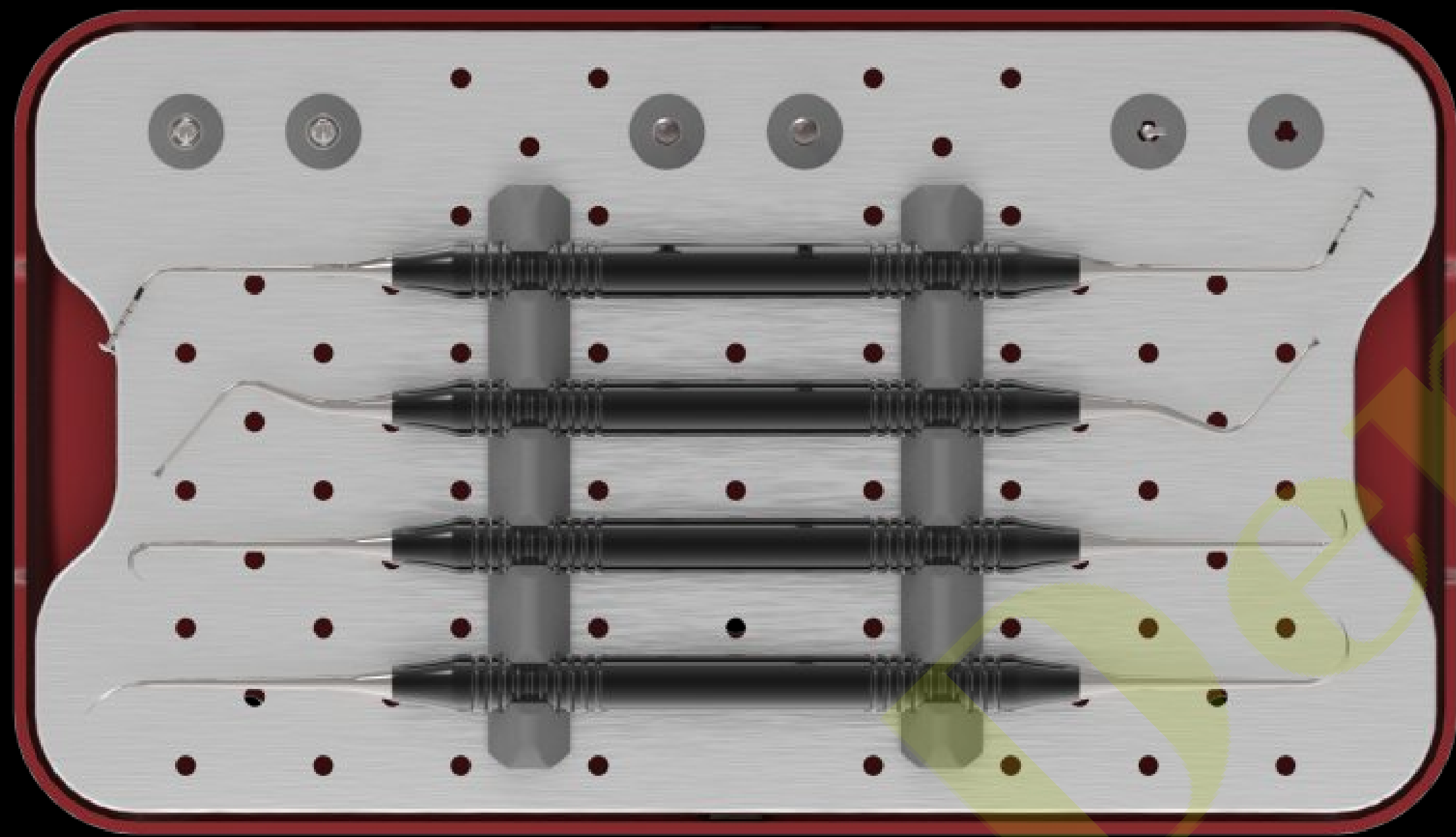


A close-up photograph of a hand holding a red marker, writing on a whiteboard. The hand is wearing a white glove. The background is a green wall. The text 'DASK Simple' is overlaid on the image.

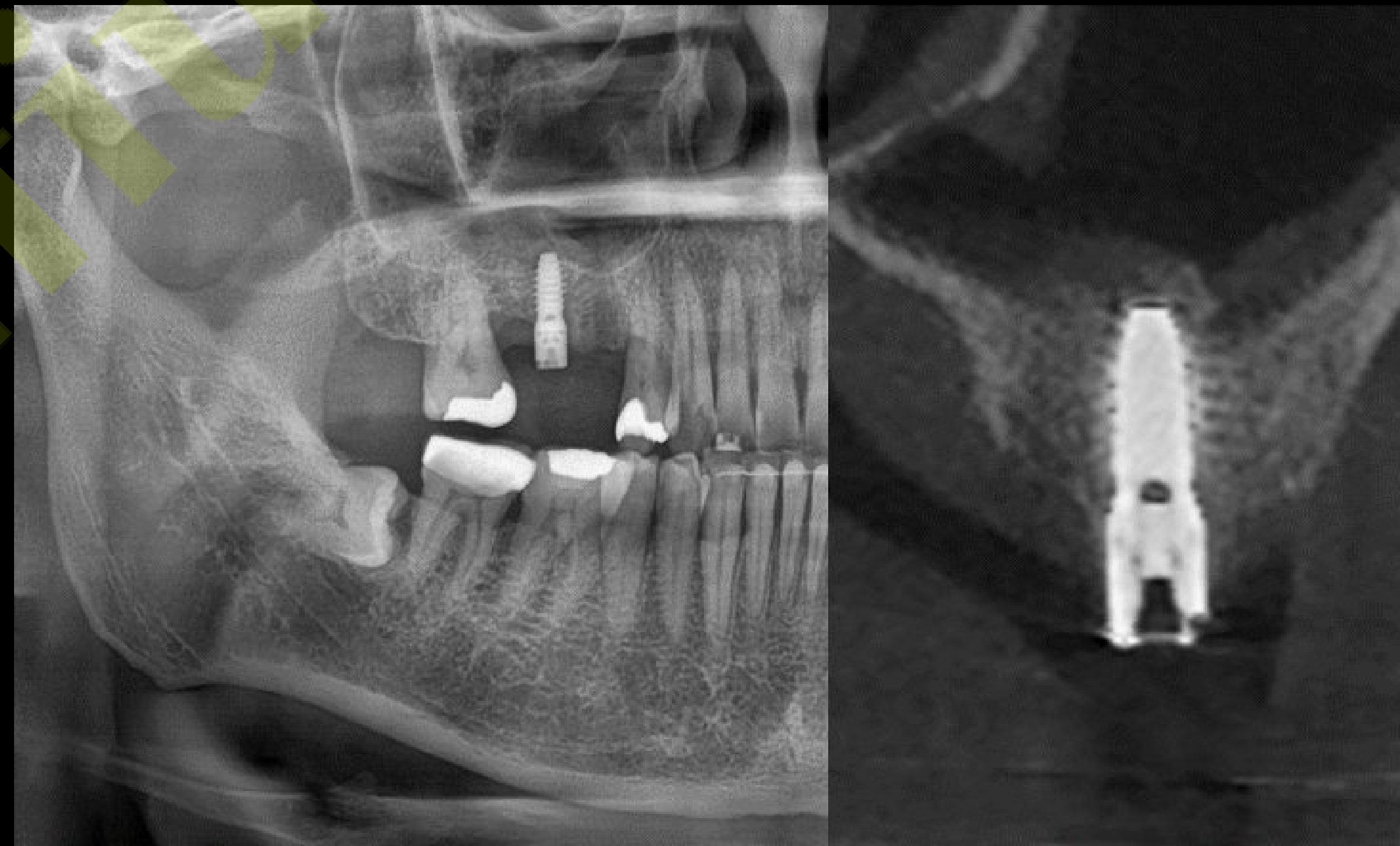
DASK *Simple*

2 step
grind-out tech

Minimalism in Sinus

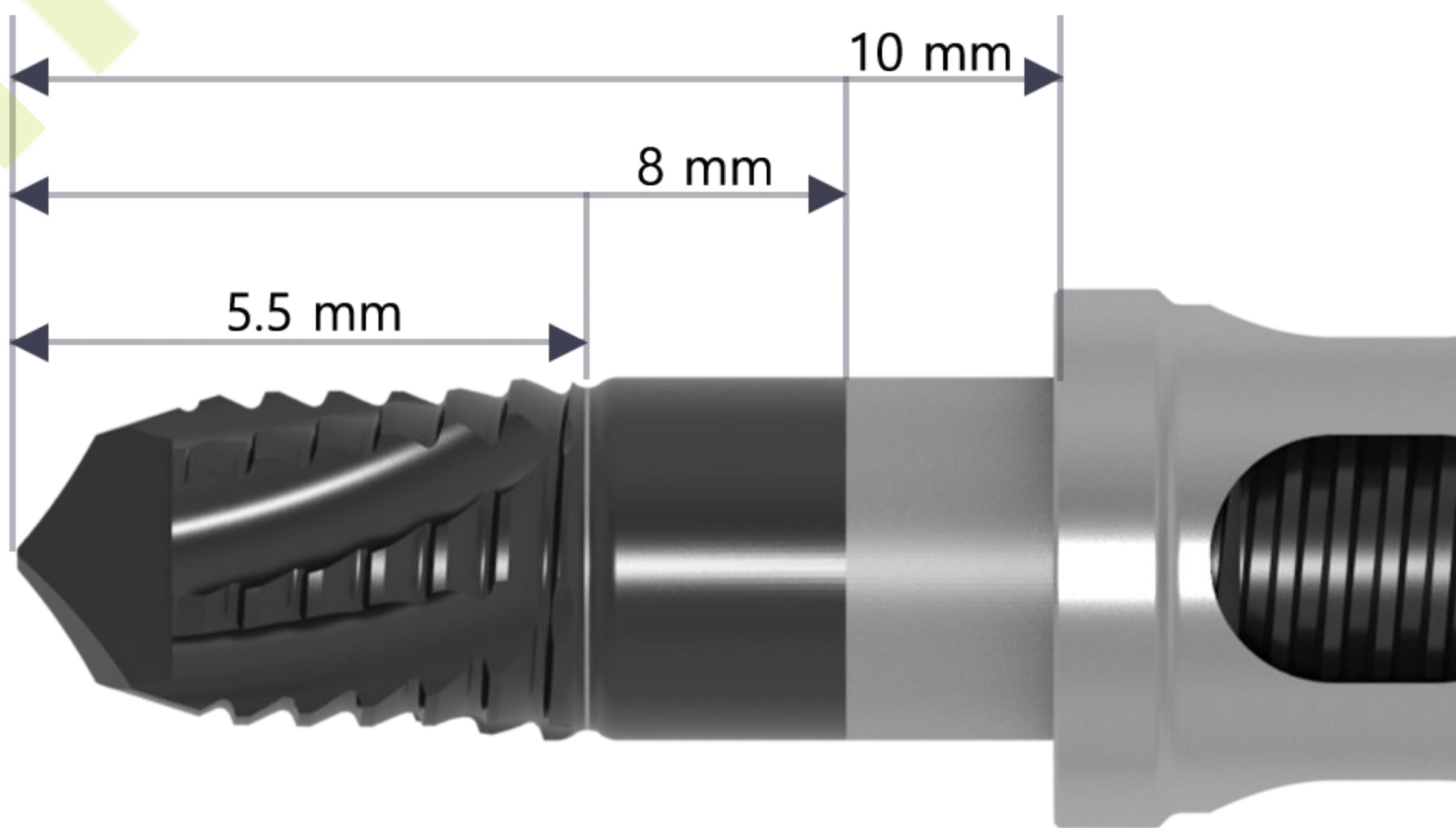
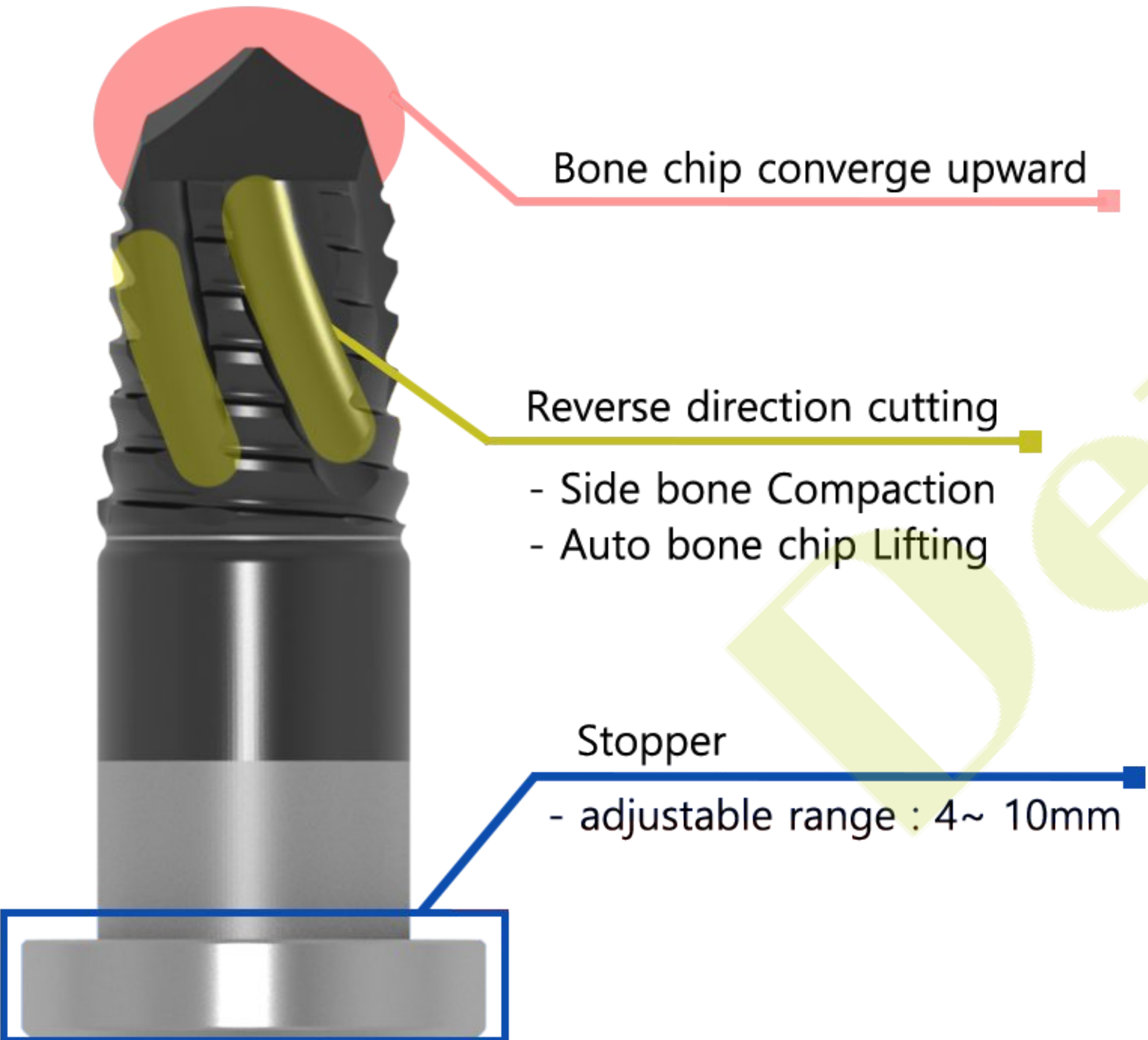
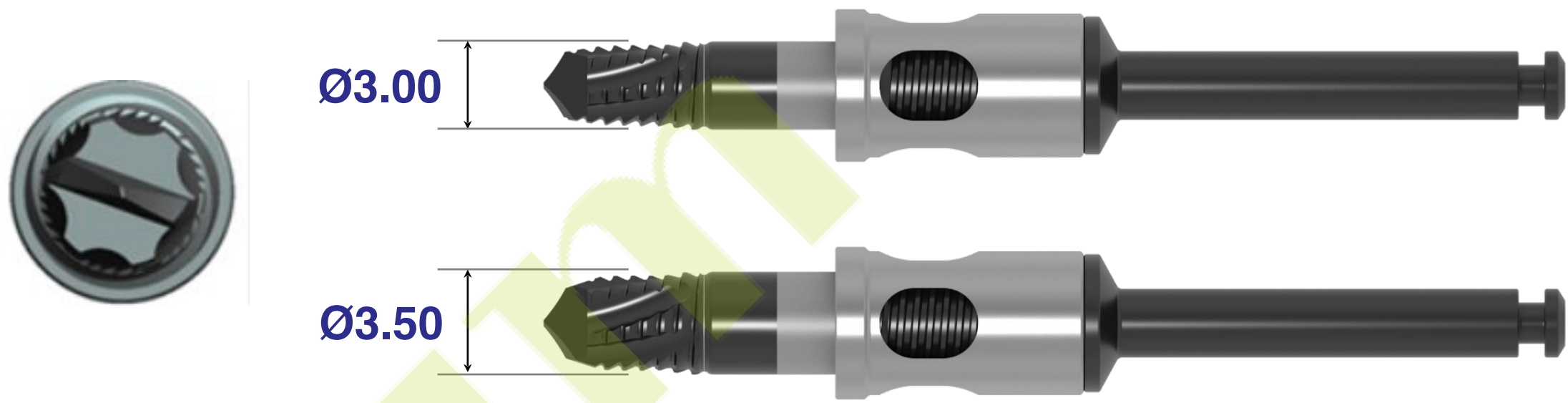


DASK *Simple*



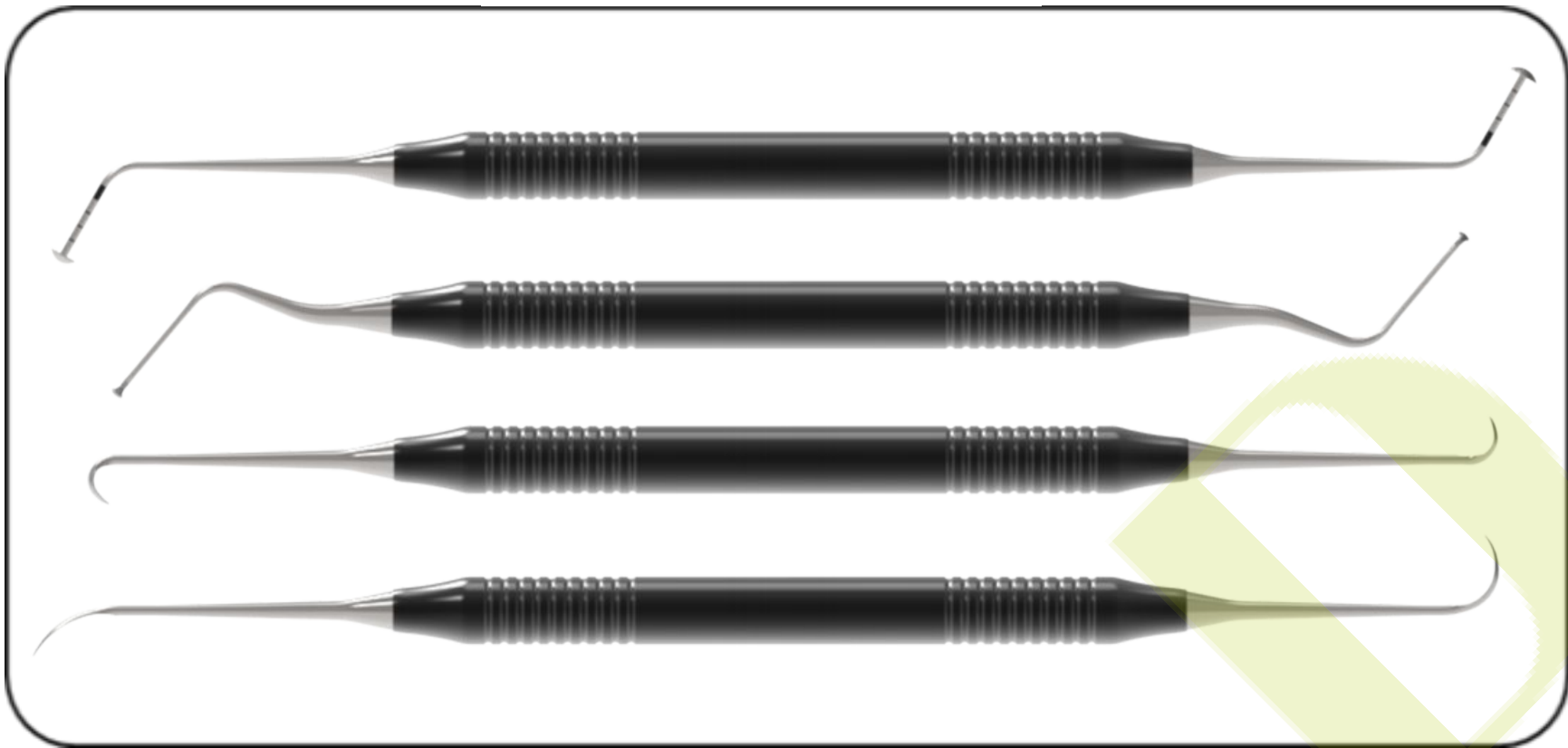
Crestal Drill

Diameter	L	Art. No.
Ø3.00	35.0	SRT3035AS
Ø3.50	35.0	SRT3535AS



Art. No.
SSE1L
SSE2L
SSE3L
SSE4L

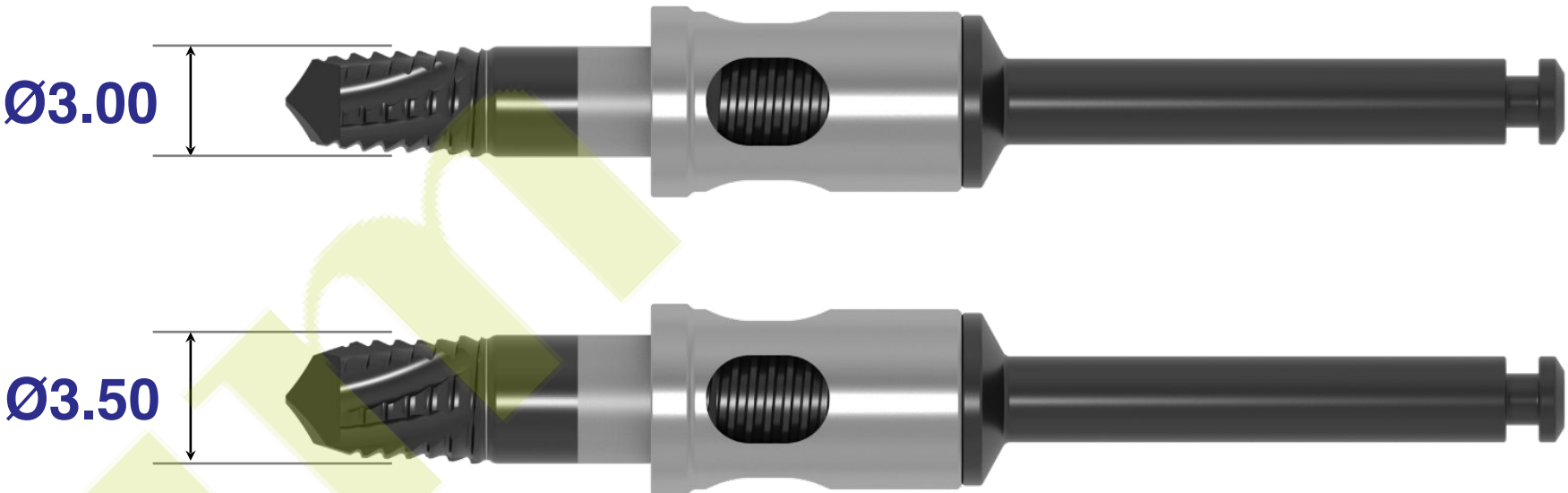
Sinus Instrument



02. Detailed Specification

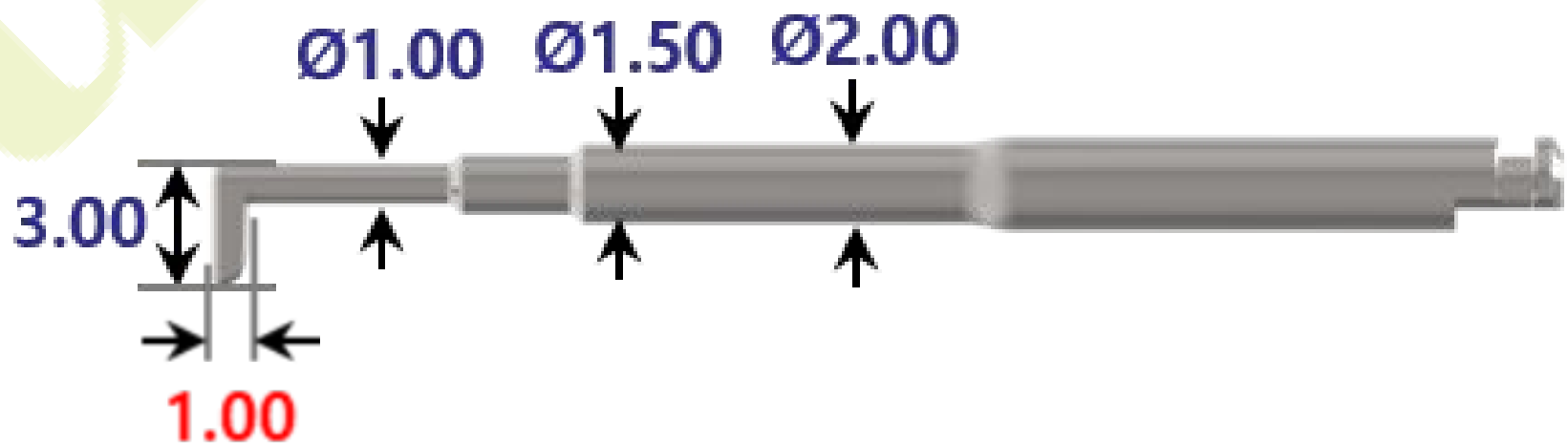
Crestal Drill

Diameter	L	Art. No.
Ø3.00	35.0	SRT3035AS
Ø3.50	35.0	SRT3535AS



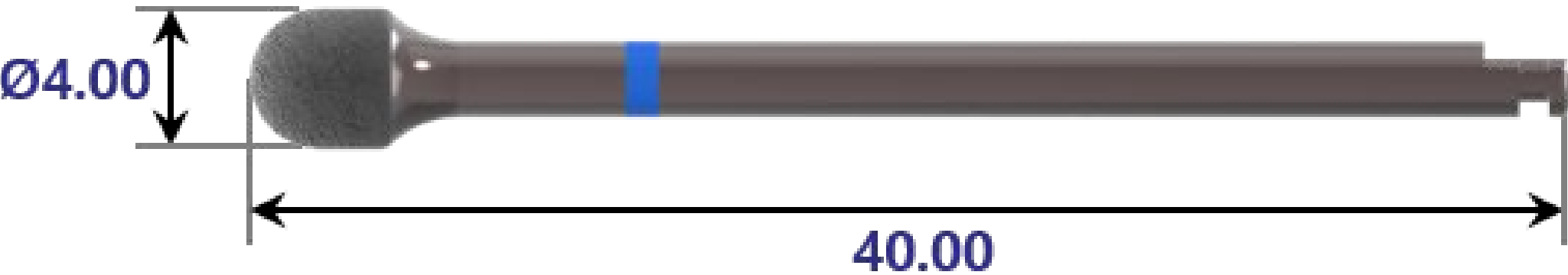
Bone Spreader

Diameter	L	Art. No.
Ø5.00	33.5	SSP33



Lateral Drill

Diameter	L	Art. No.
Ø4.00	28.0	SLD0428
Ø4.00	40.0	SLD0440



Oral exam



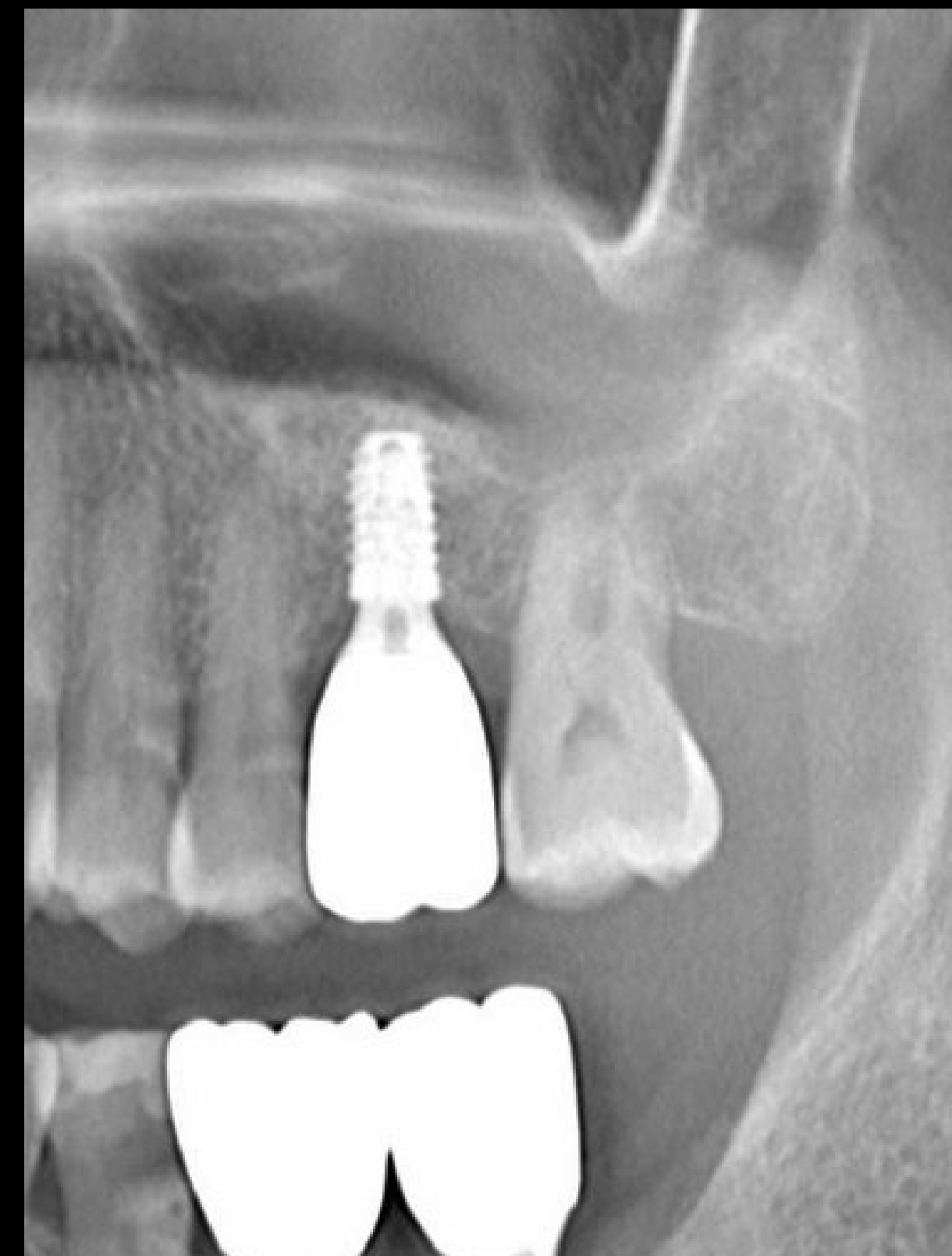
Pre-op



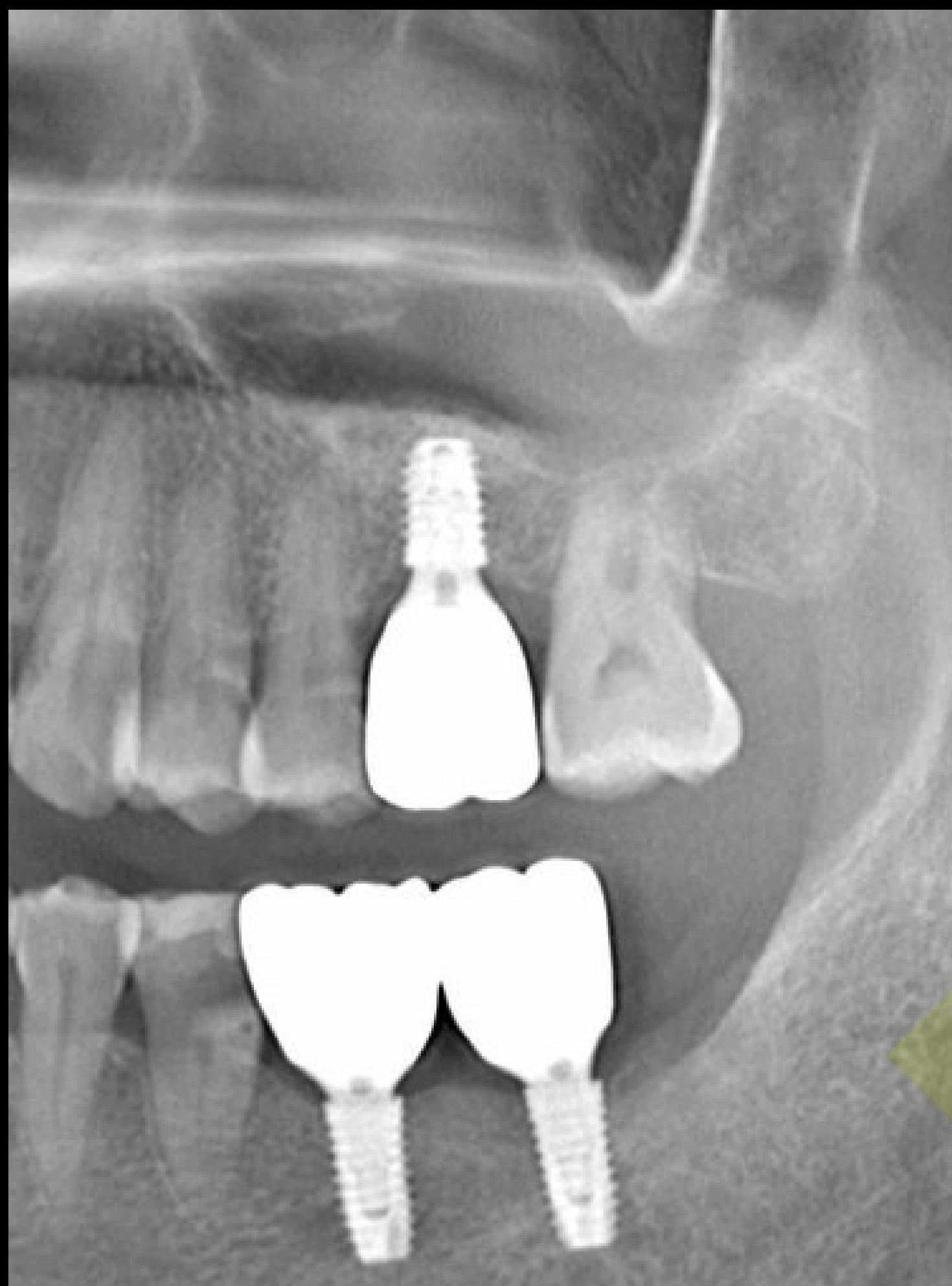
Post-op



Final



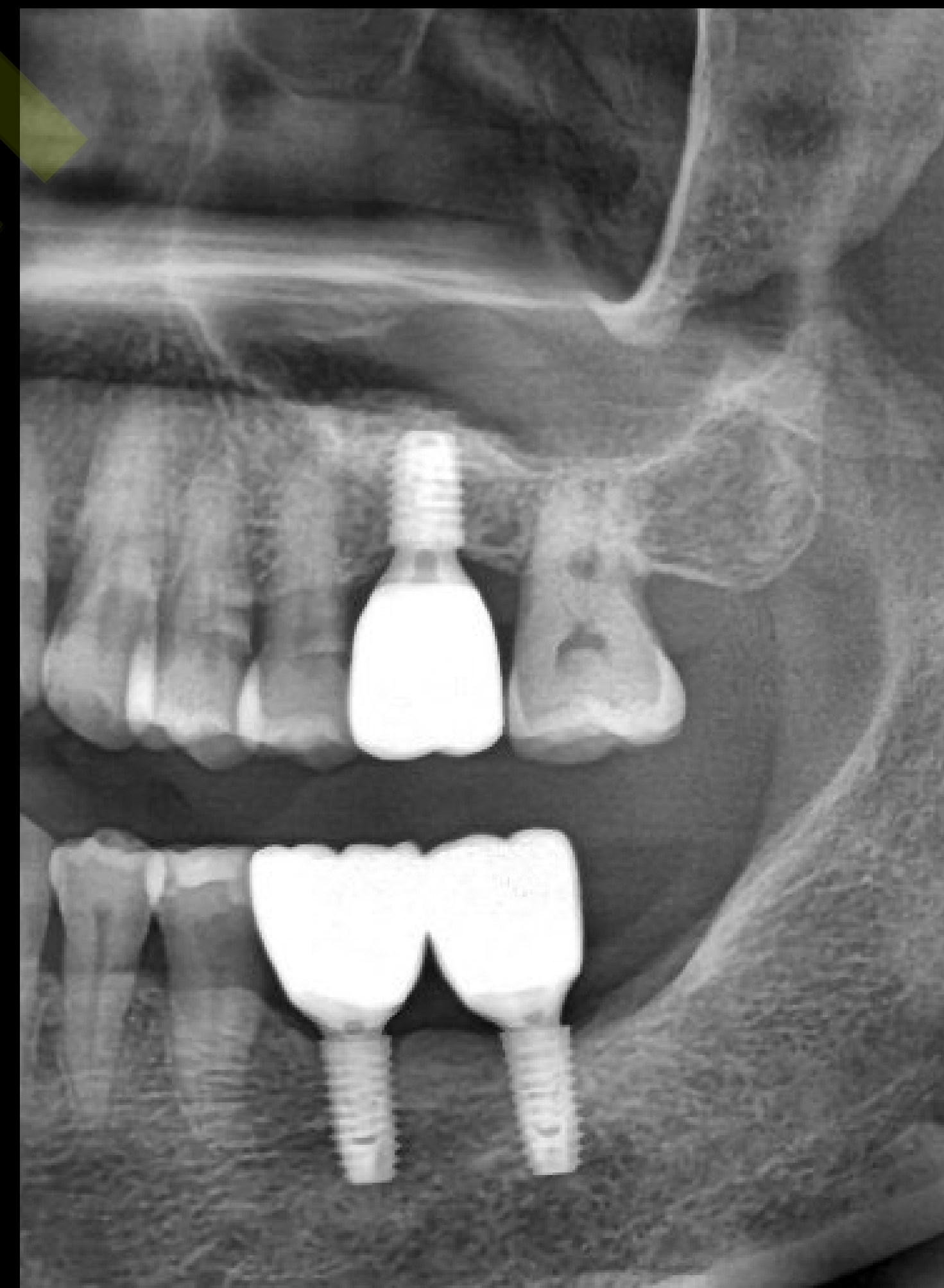
4 M



1Y 4M



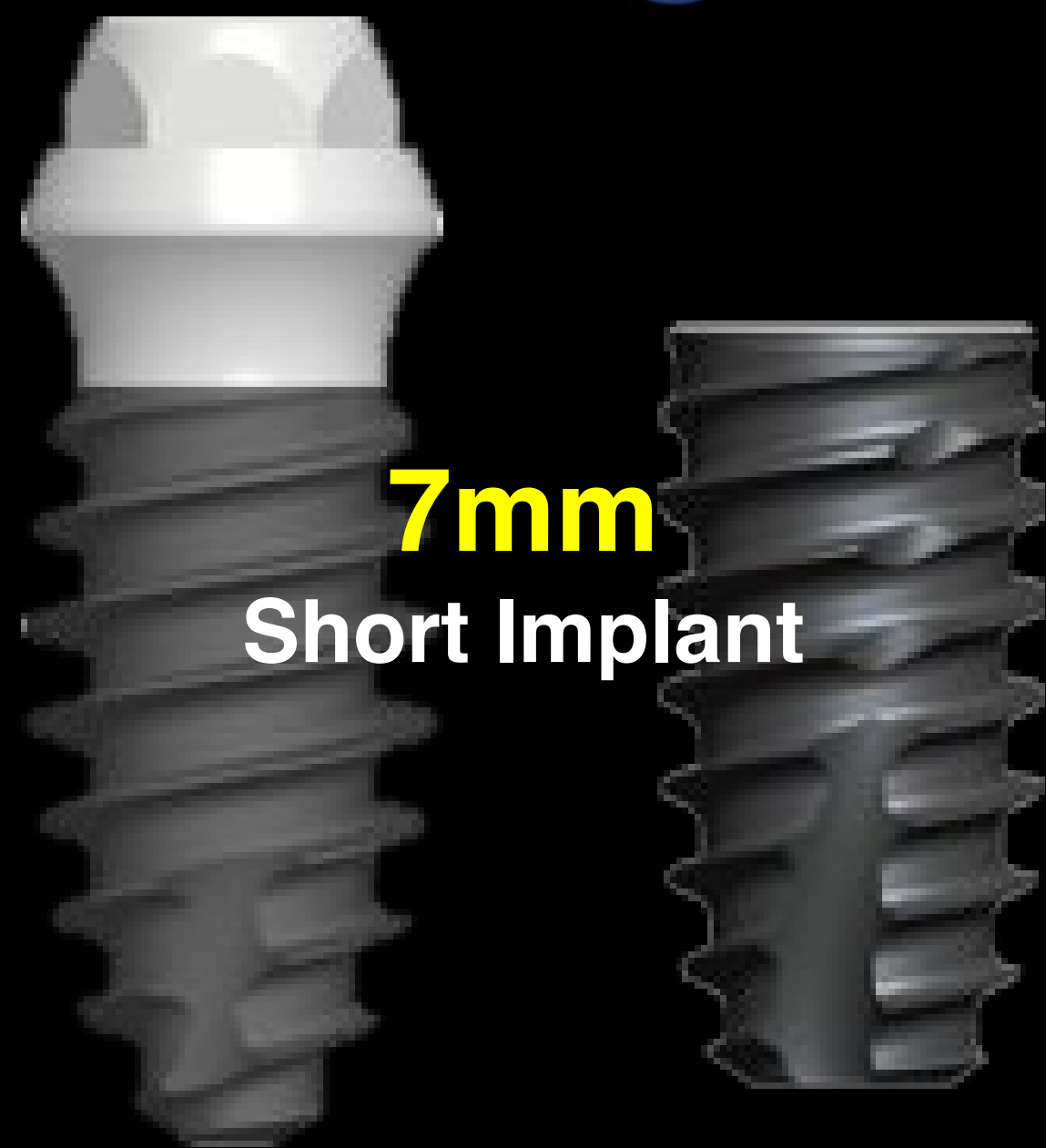
2Y 5M



bright BL (Ø4.5 X 7.0)

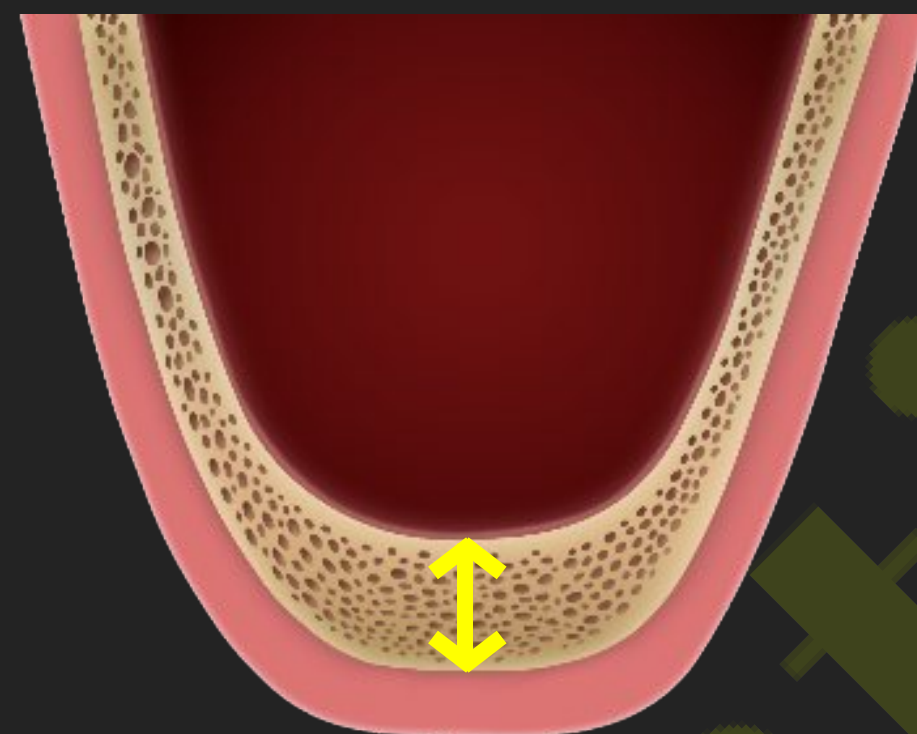
Sinus Minimalism Concept

bright



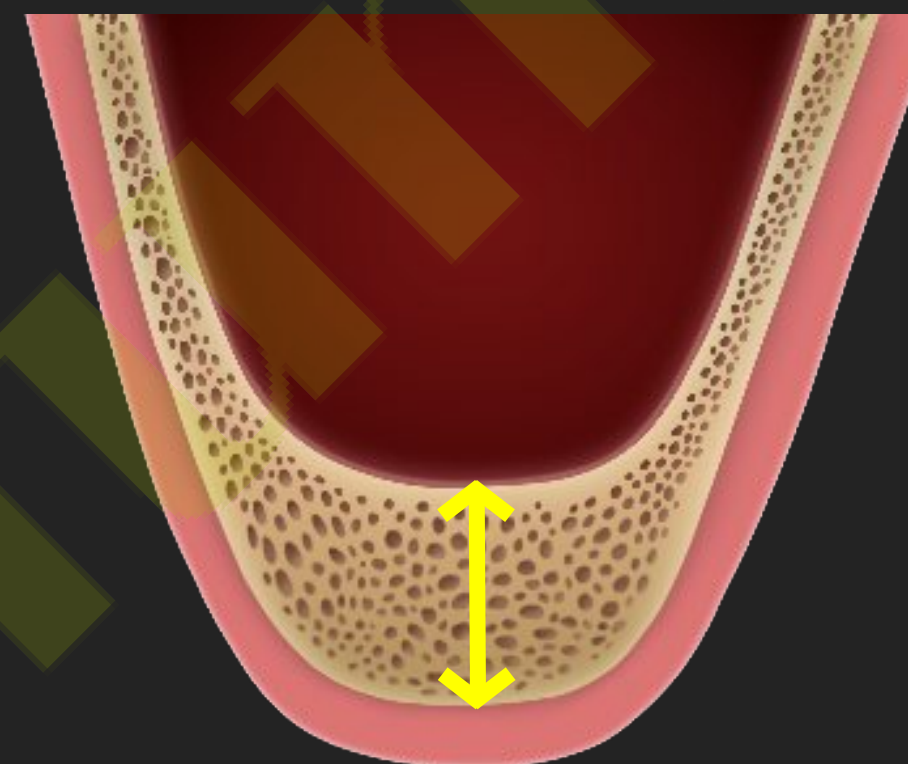
Tissue Level Bone Level

1 – 3 mm



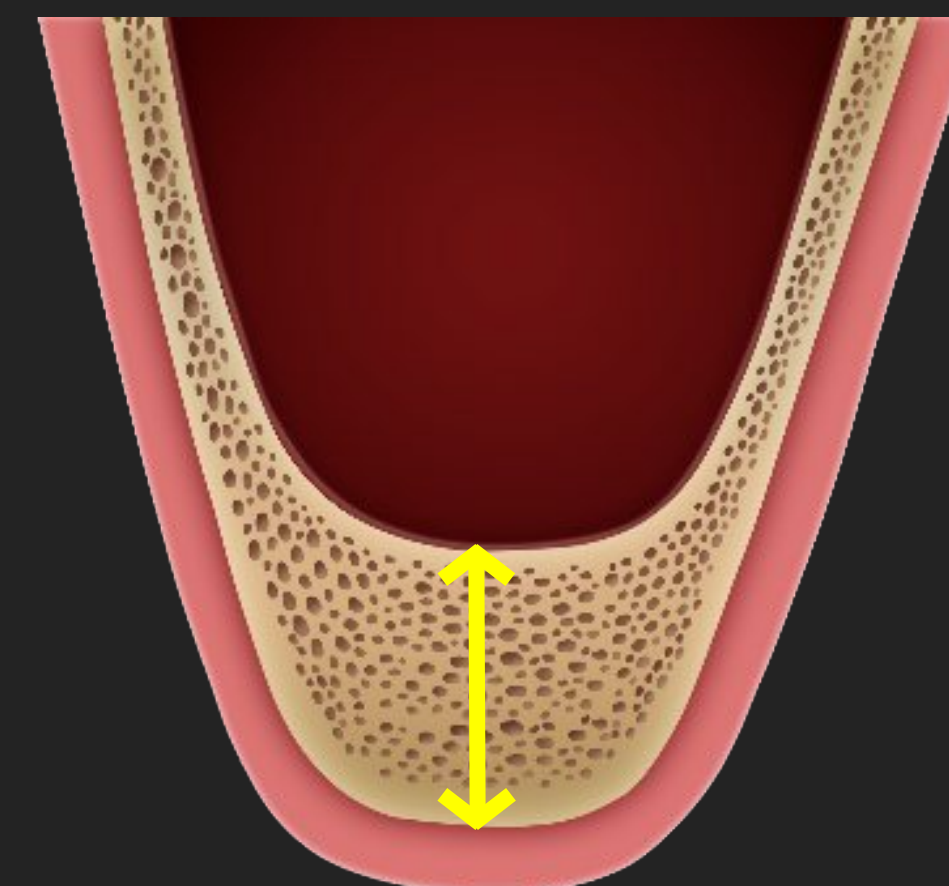
Lateral approach

3 – 5 mm



Crestal approach

5 mm over



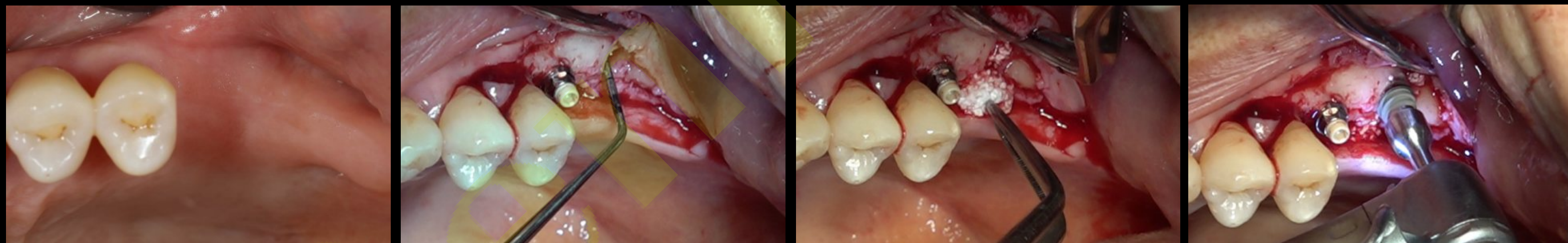
Bicortical Fixation

OSTEONTM 3 Collagen

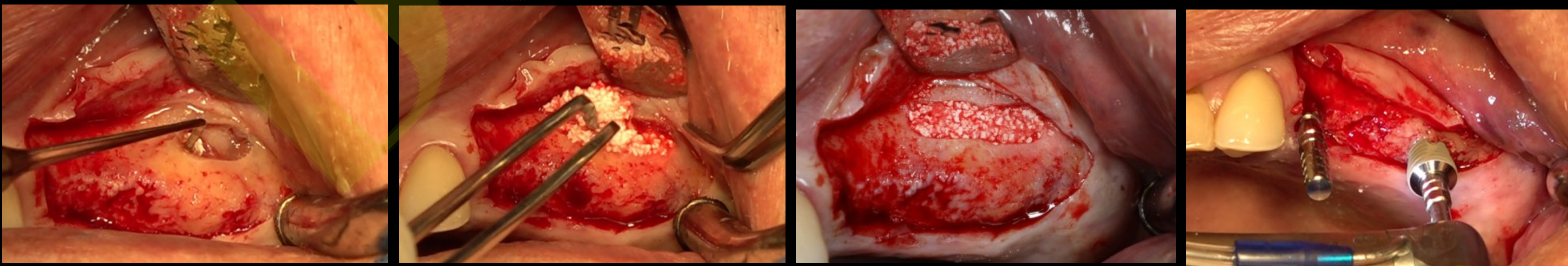
- Moldable to various defect shapes during wetting
- Easy handling to reduce chair time
- Collagen is absorbed within a few weeks after grafting



Case 1

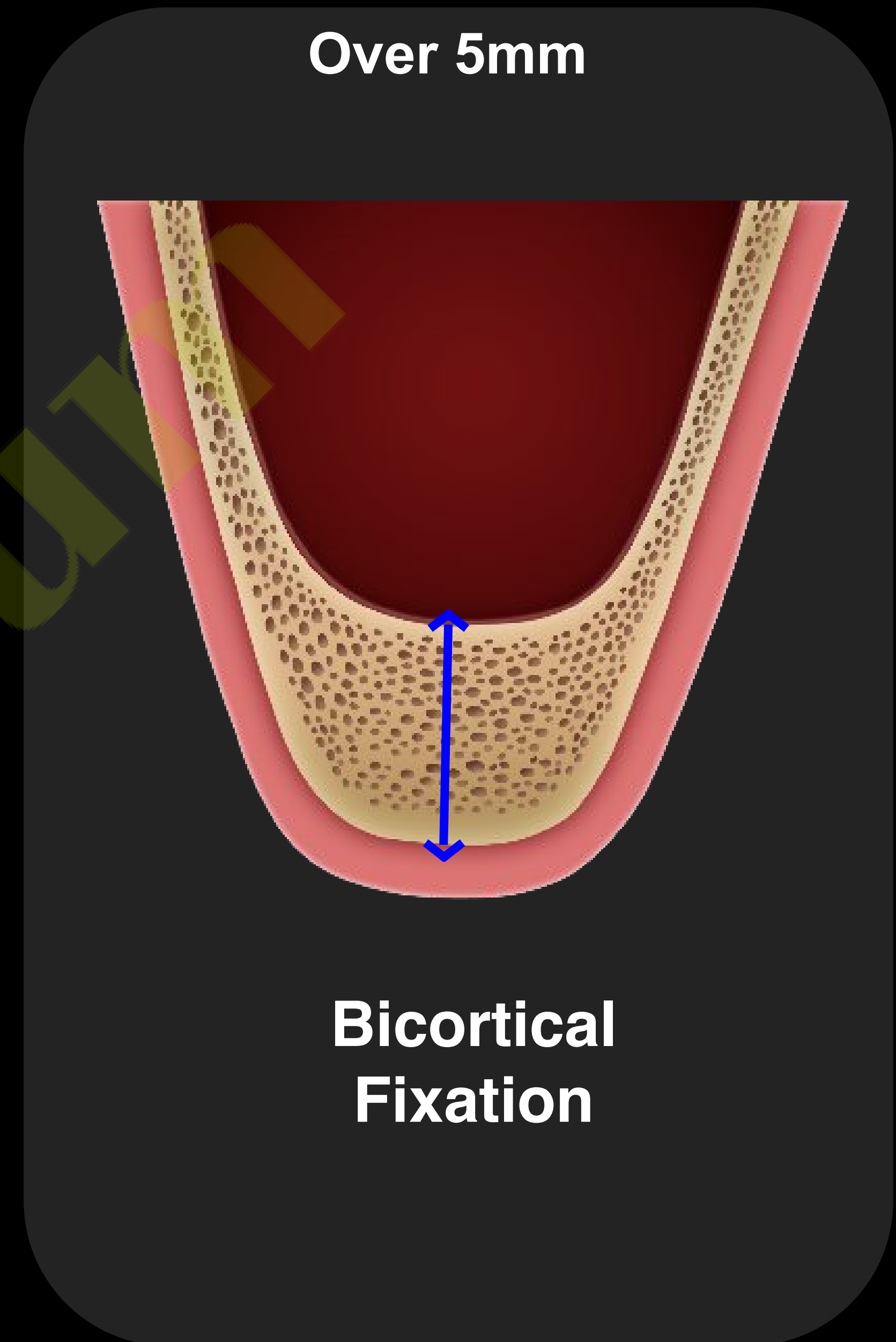


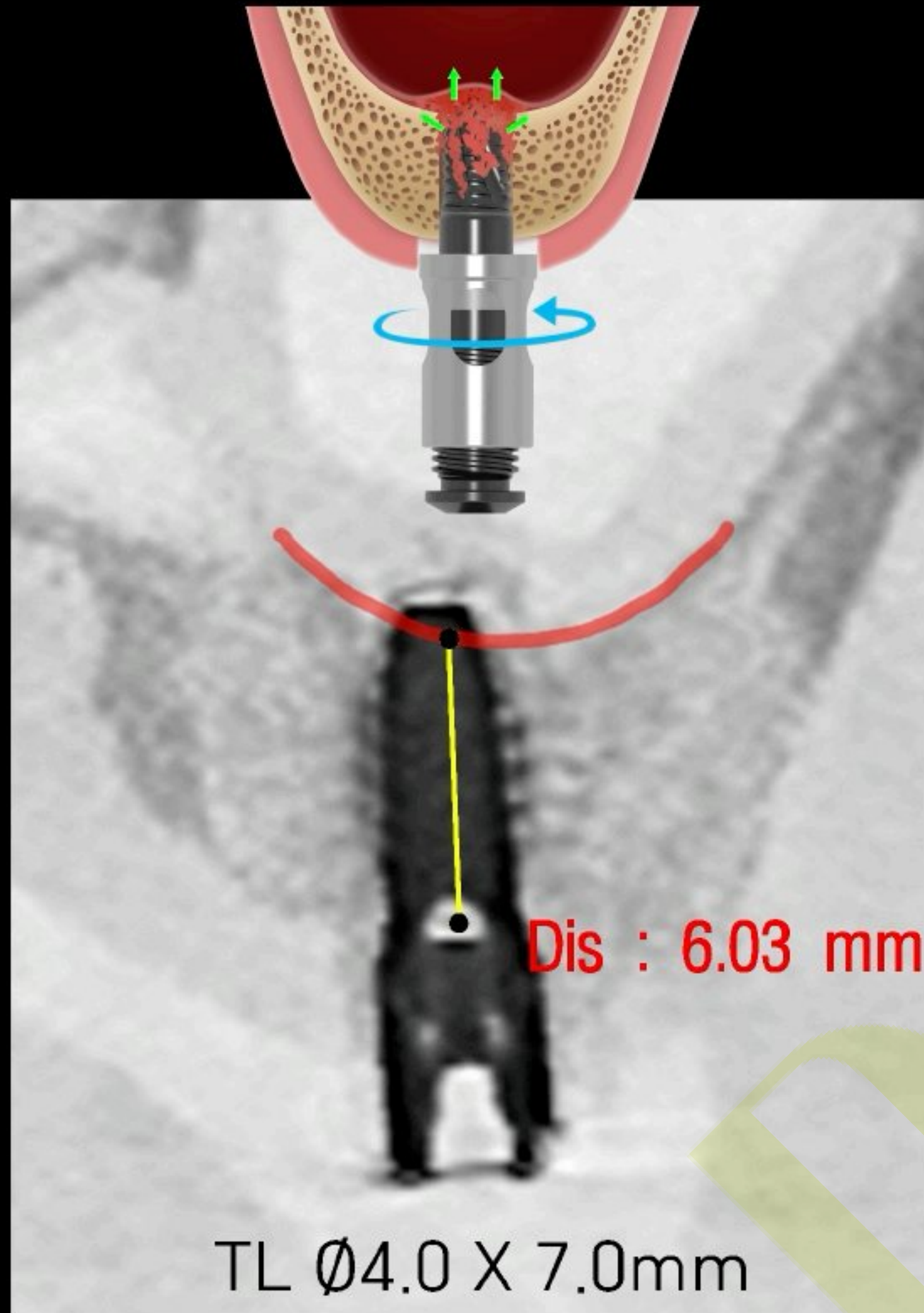
Case 2



Bicortical fixation with DASK Simple

Part 1. Bicortical Fixation
:Remaining bone 5 mm over



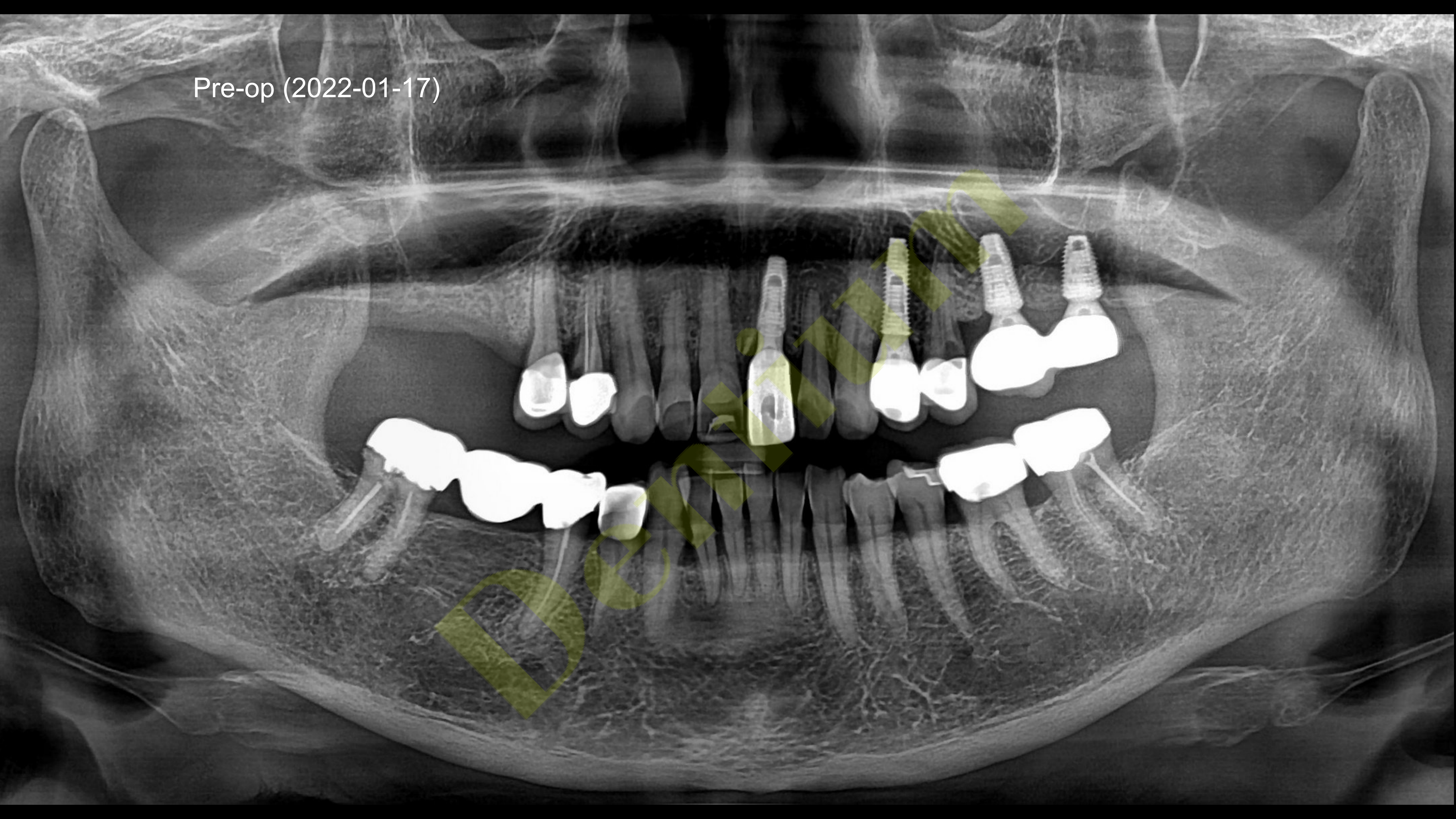


Hands-on guide

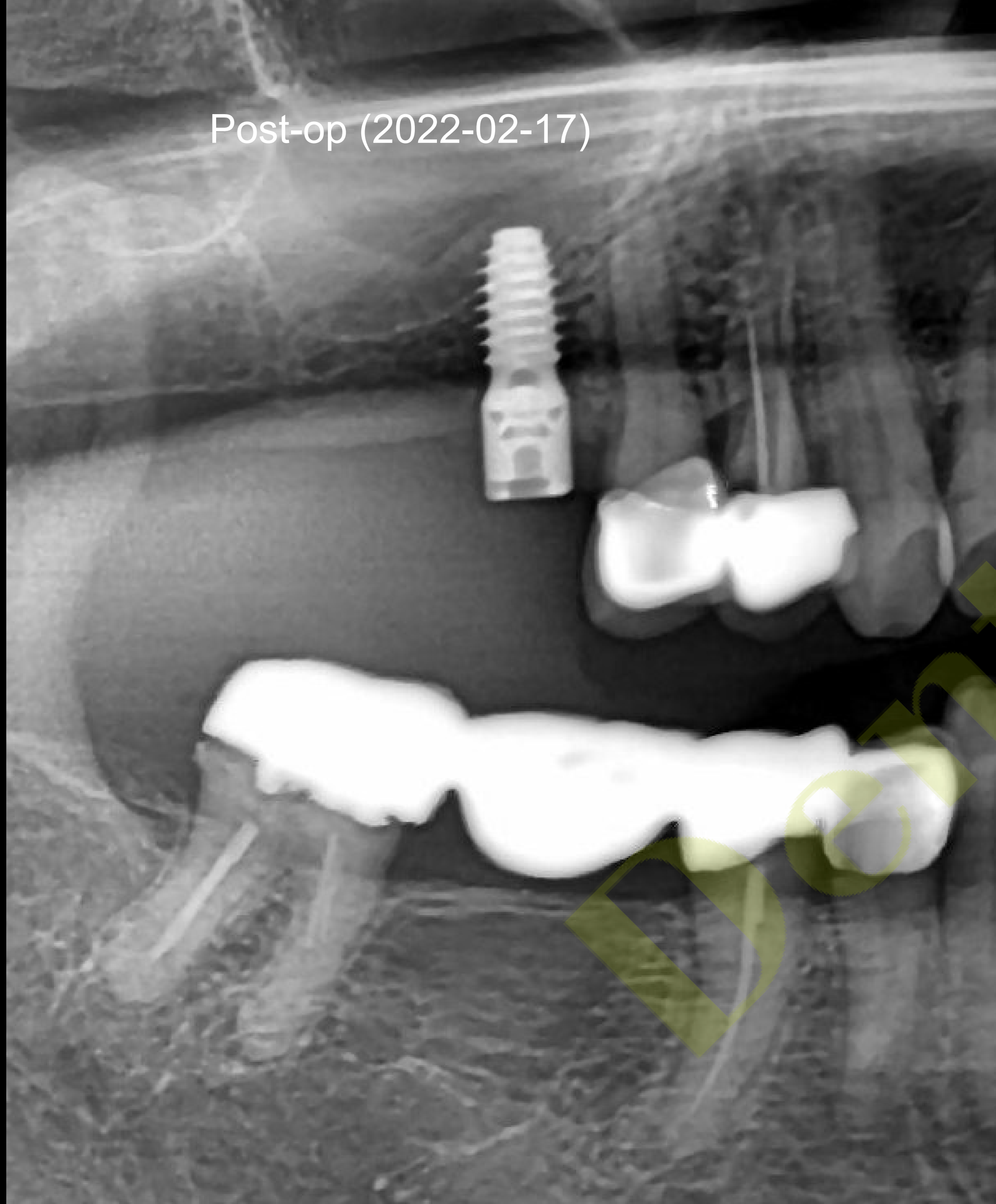
DASK *Simple*

Bicortical fixation

Pre-op (2022-01-17)



Post-op (2022-02-17)

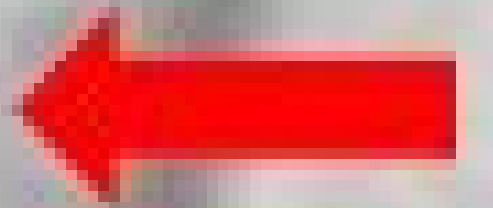


Final prosthesis (2022-07-04)

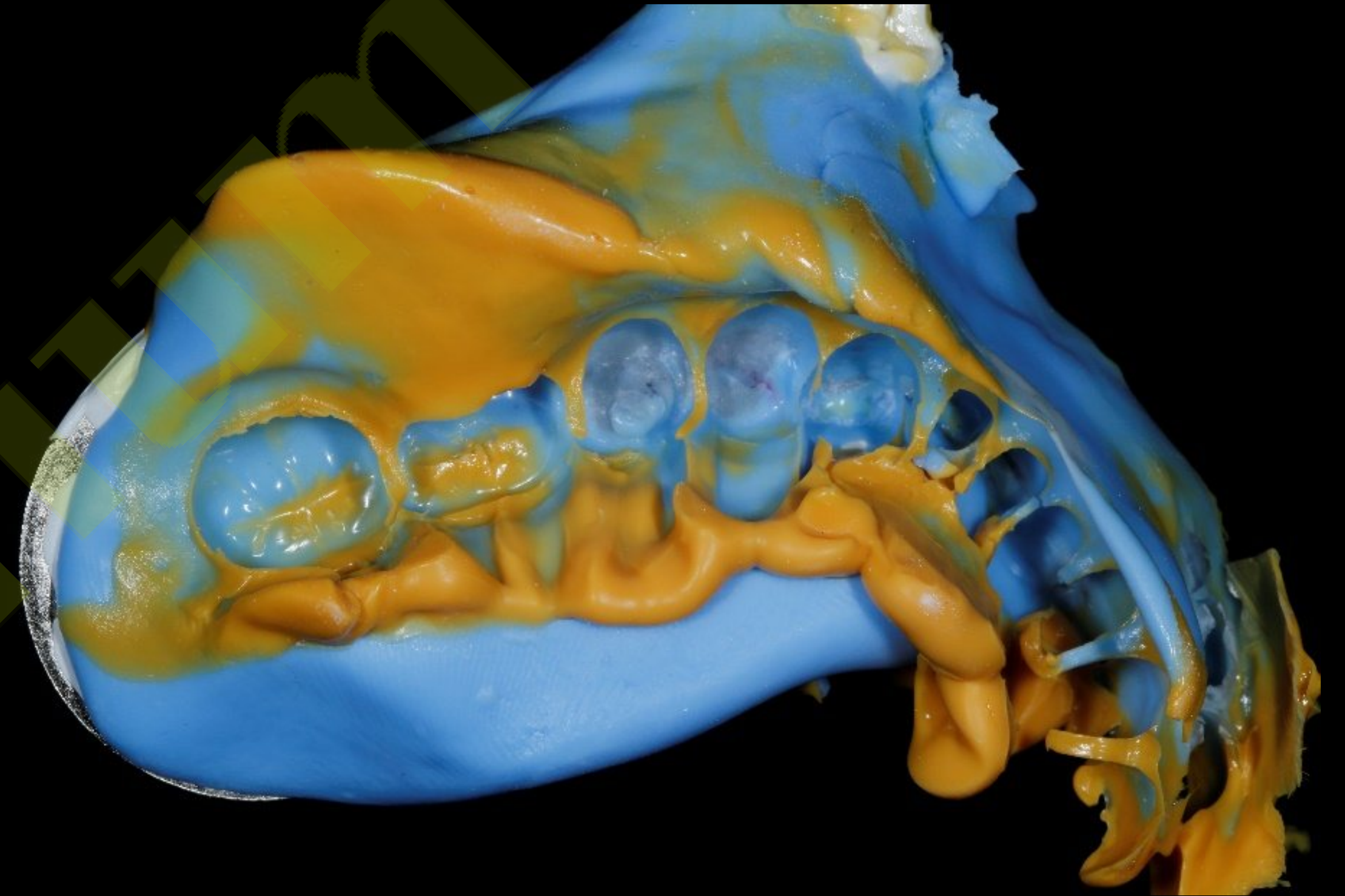
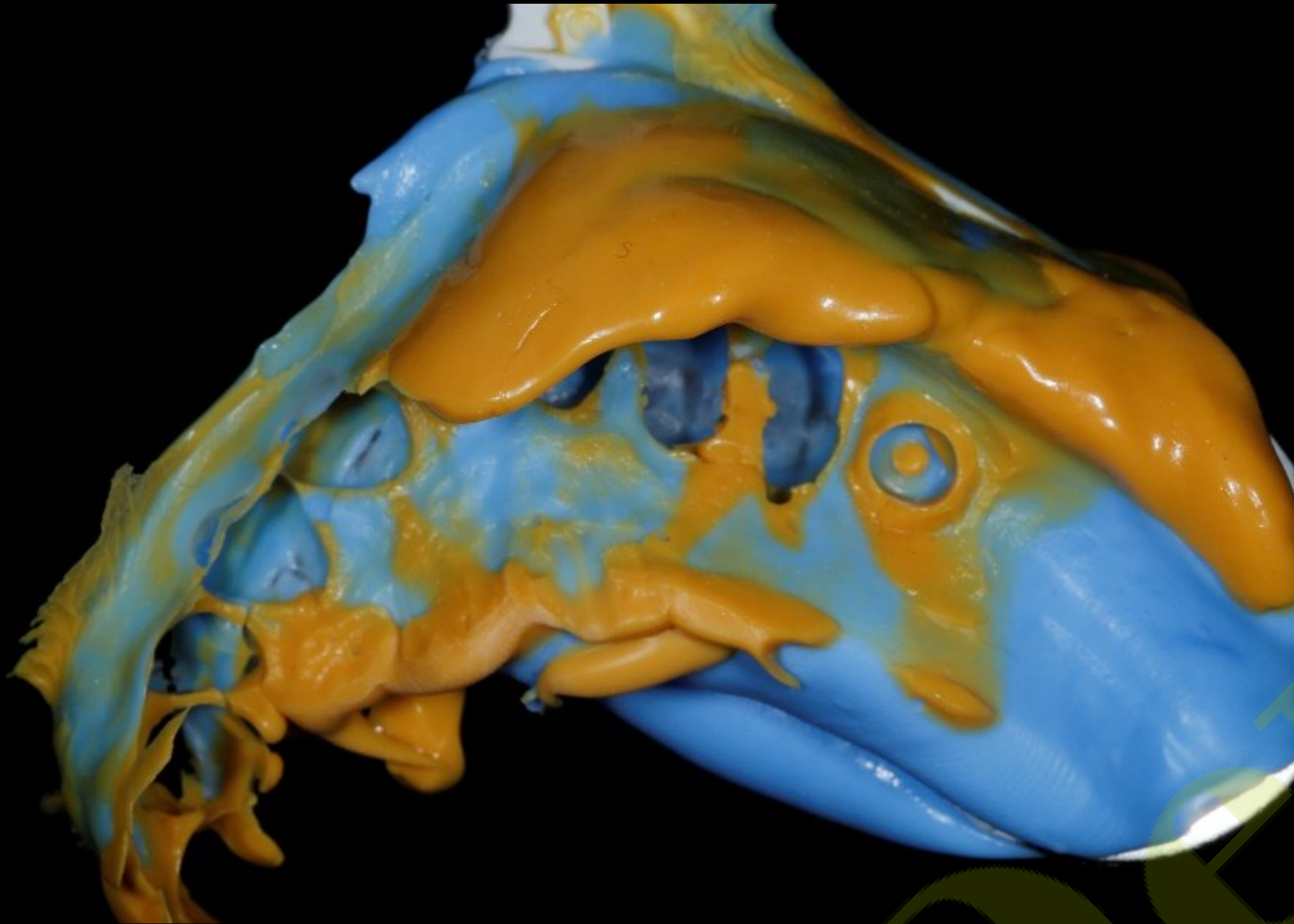


Post-op (2022-01-19)

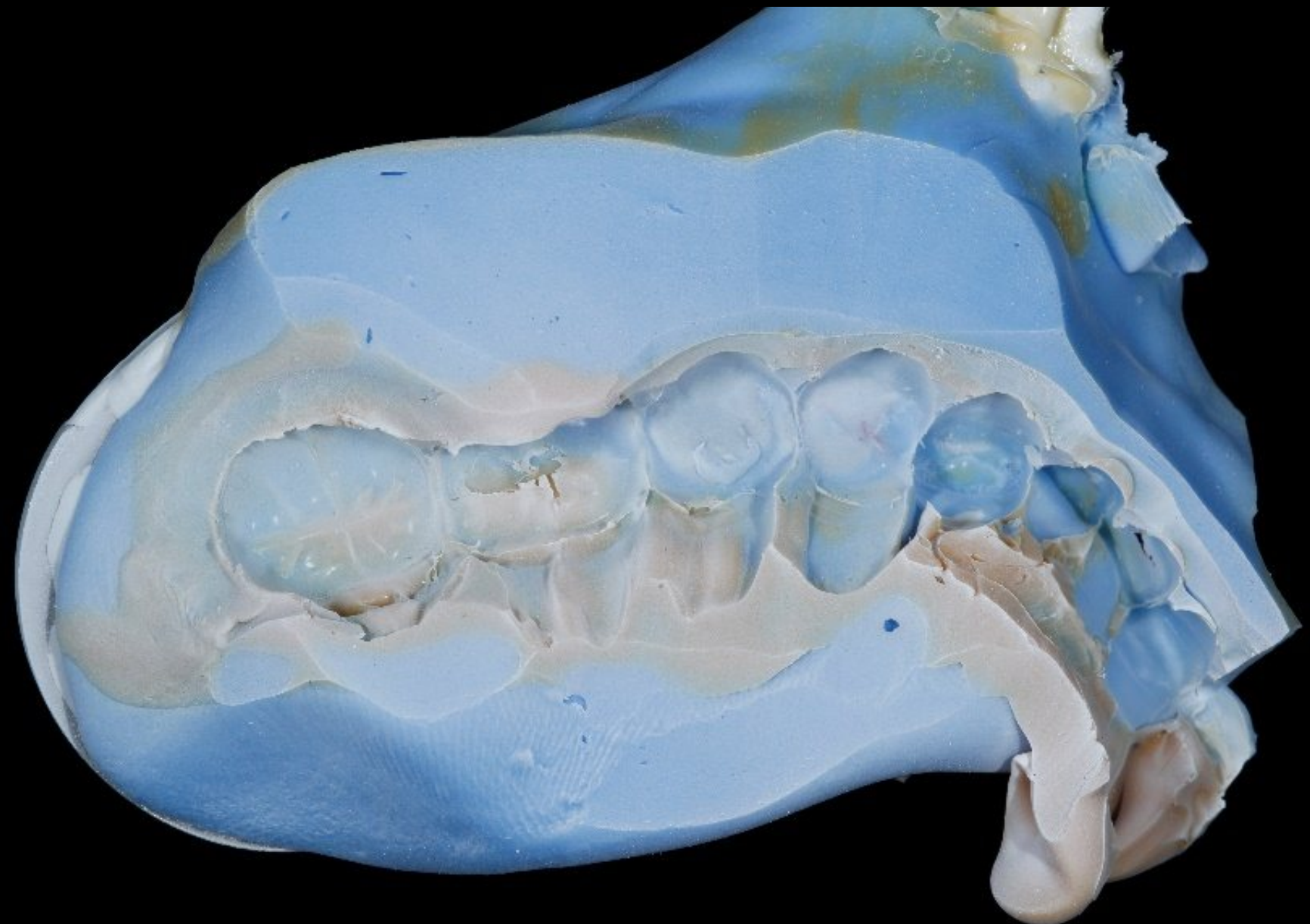
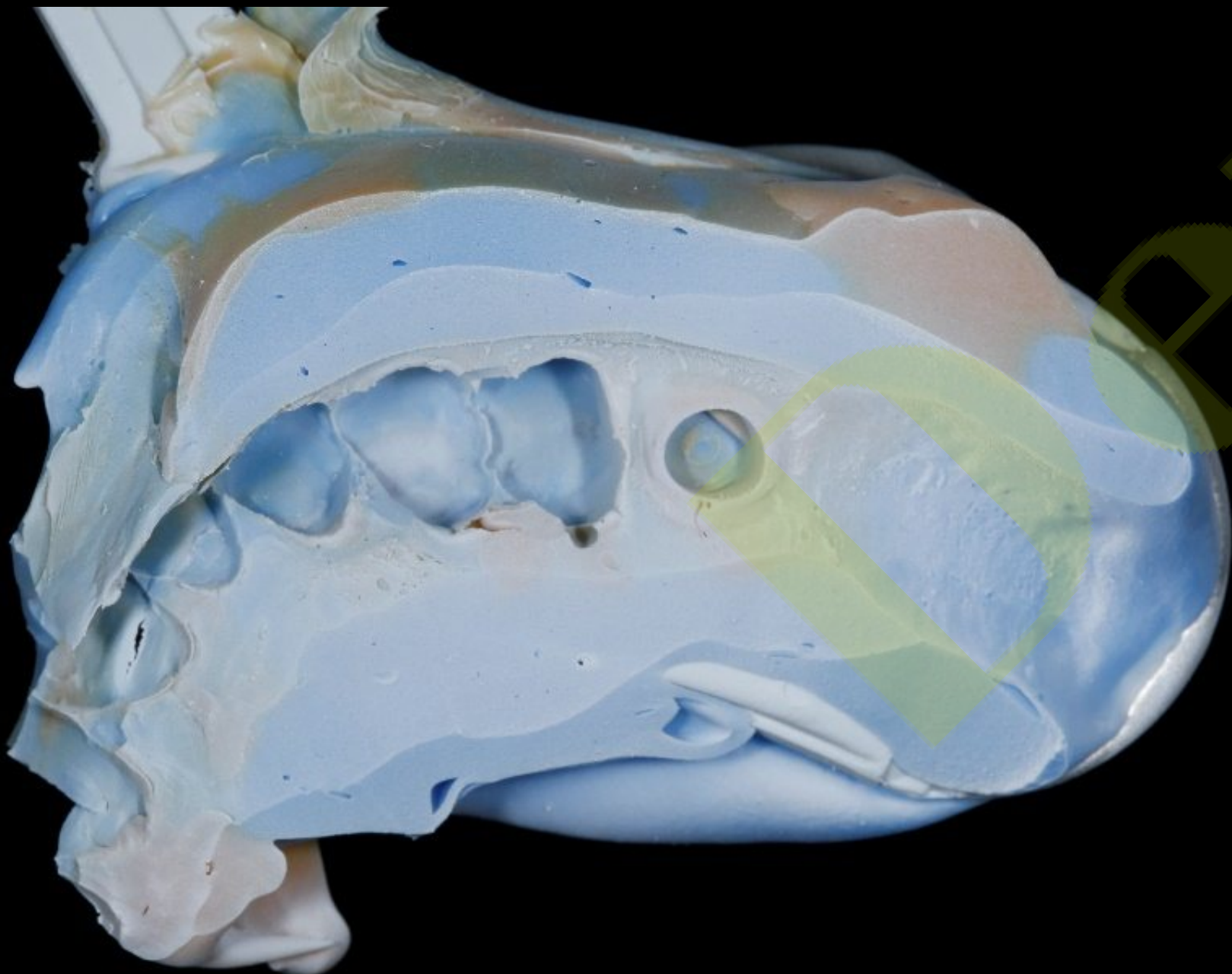
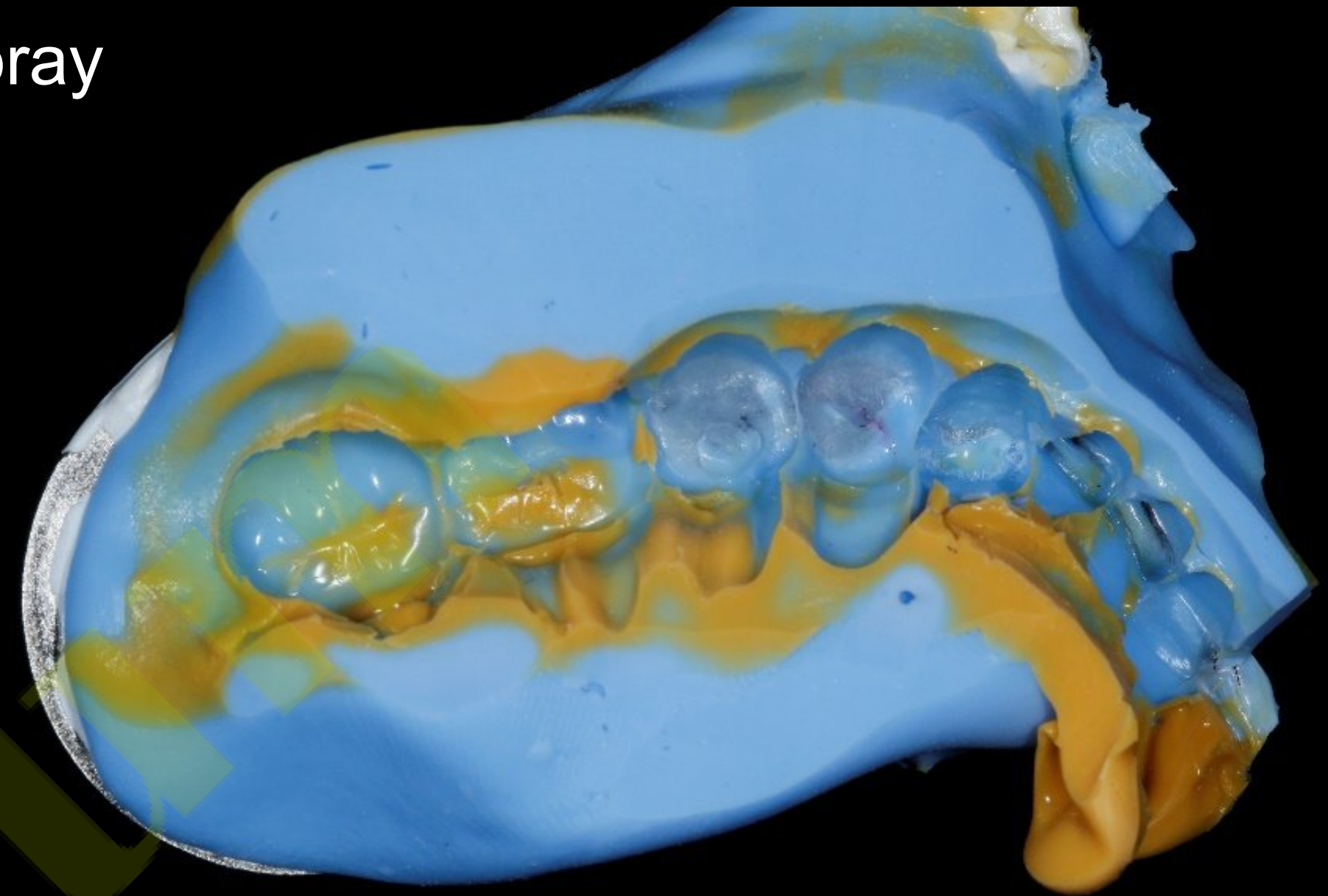
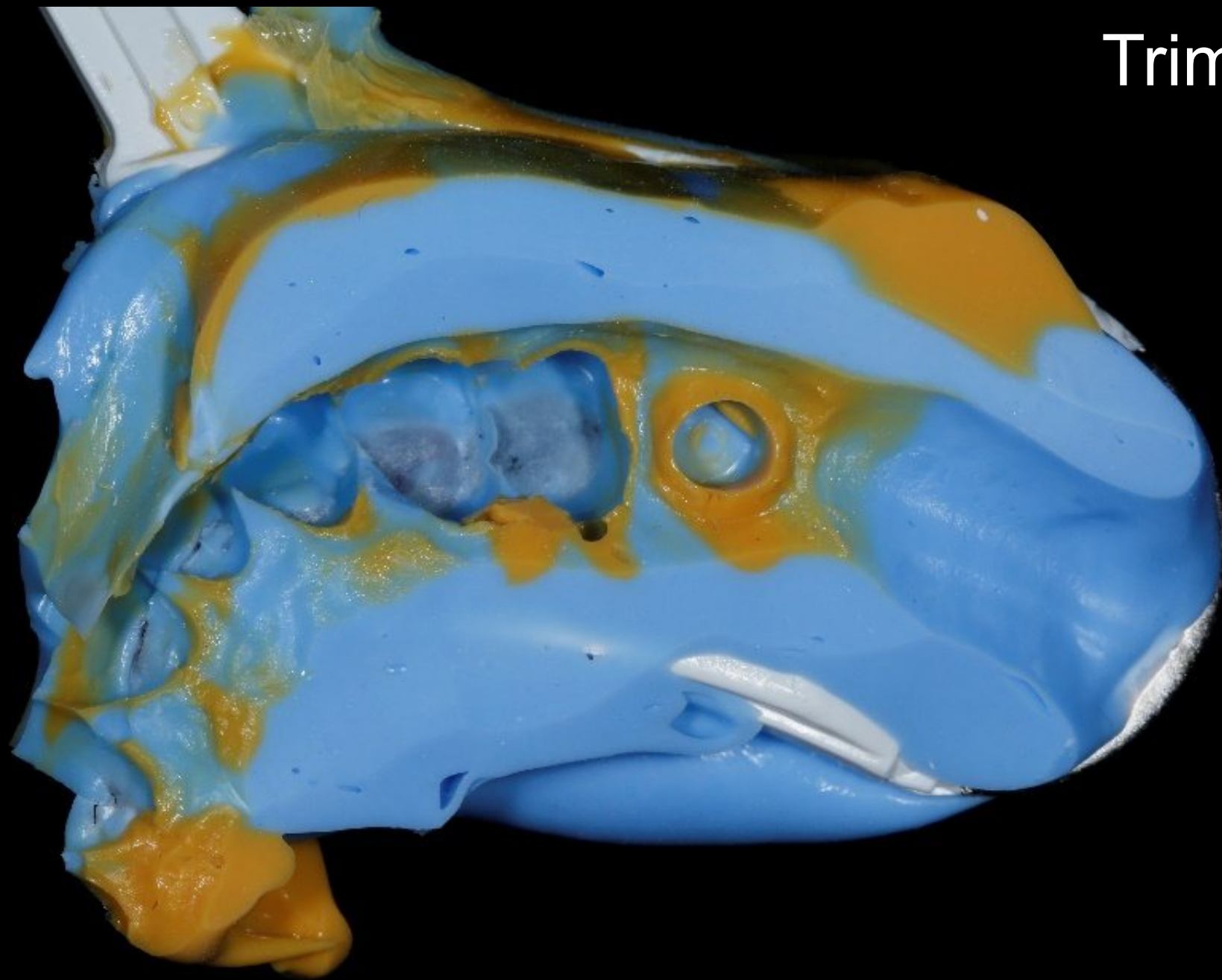
NTI 384007



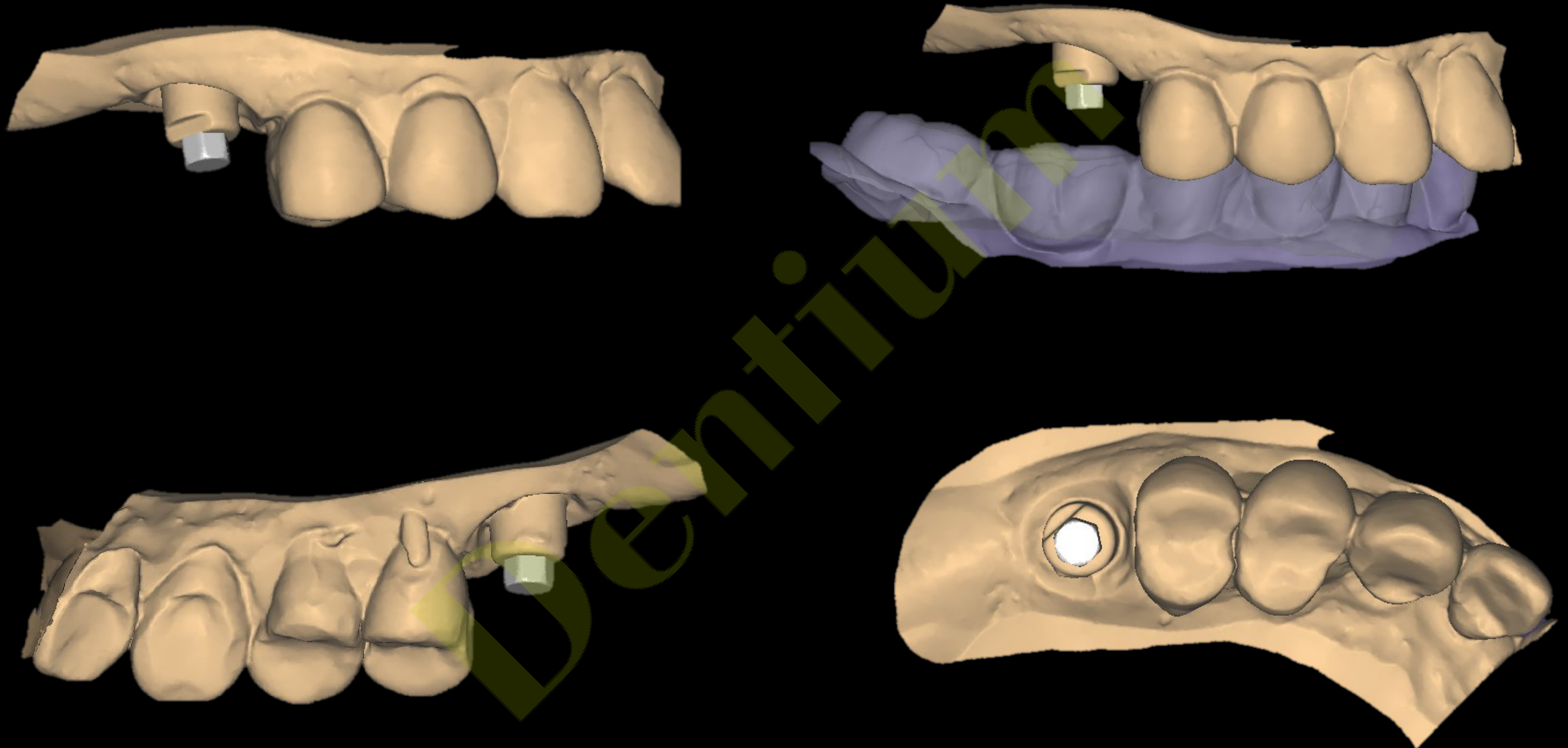
Impression model



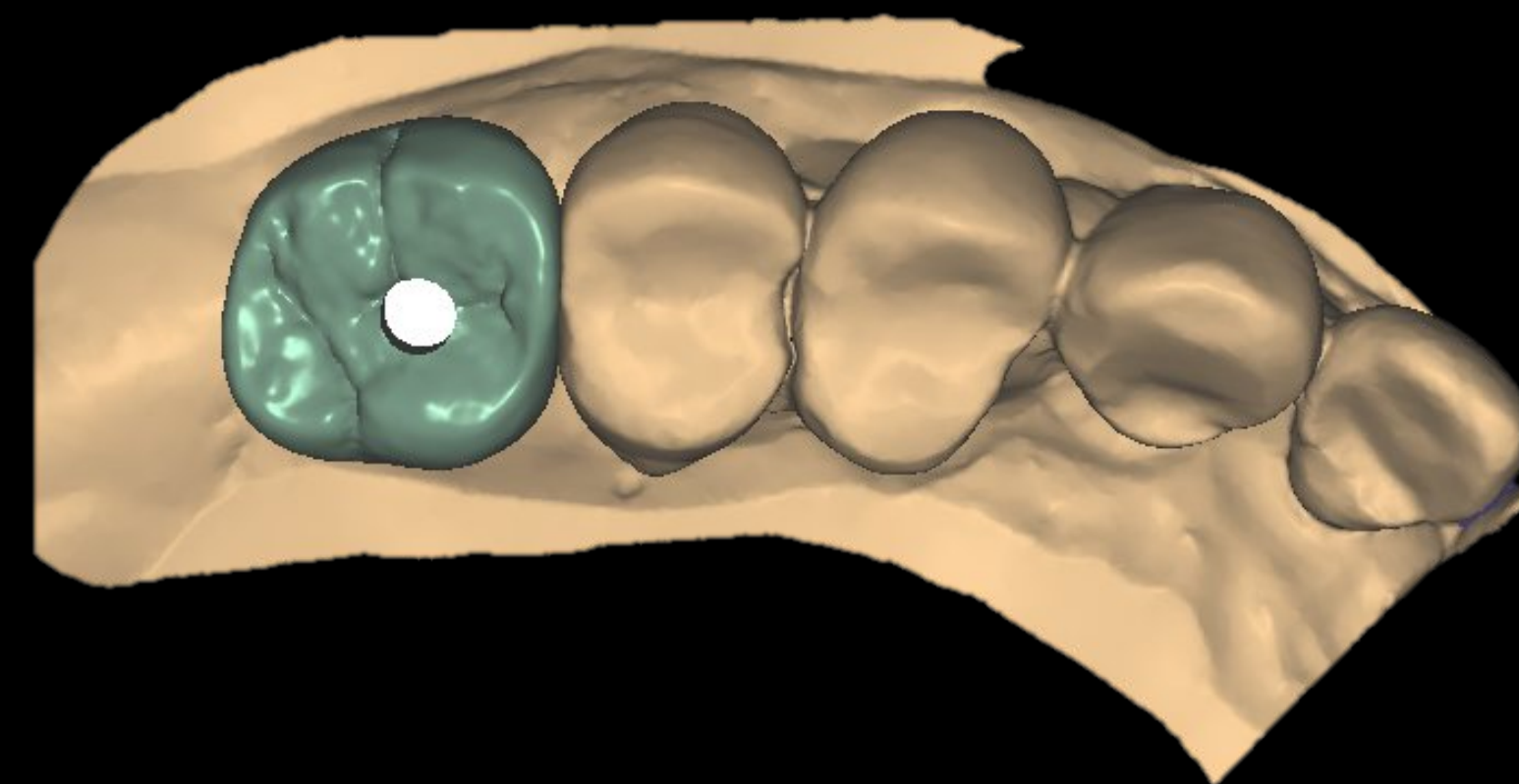
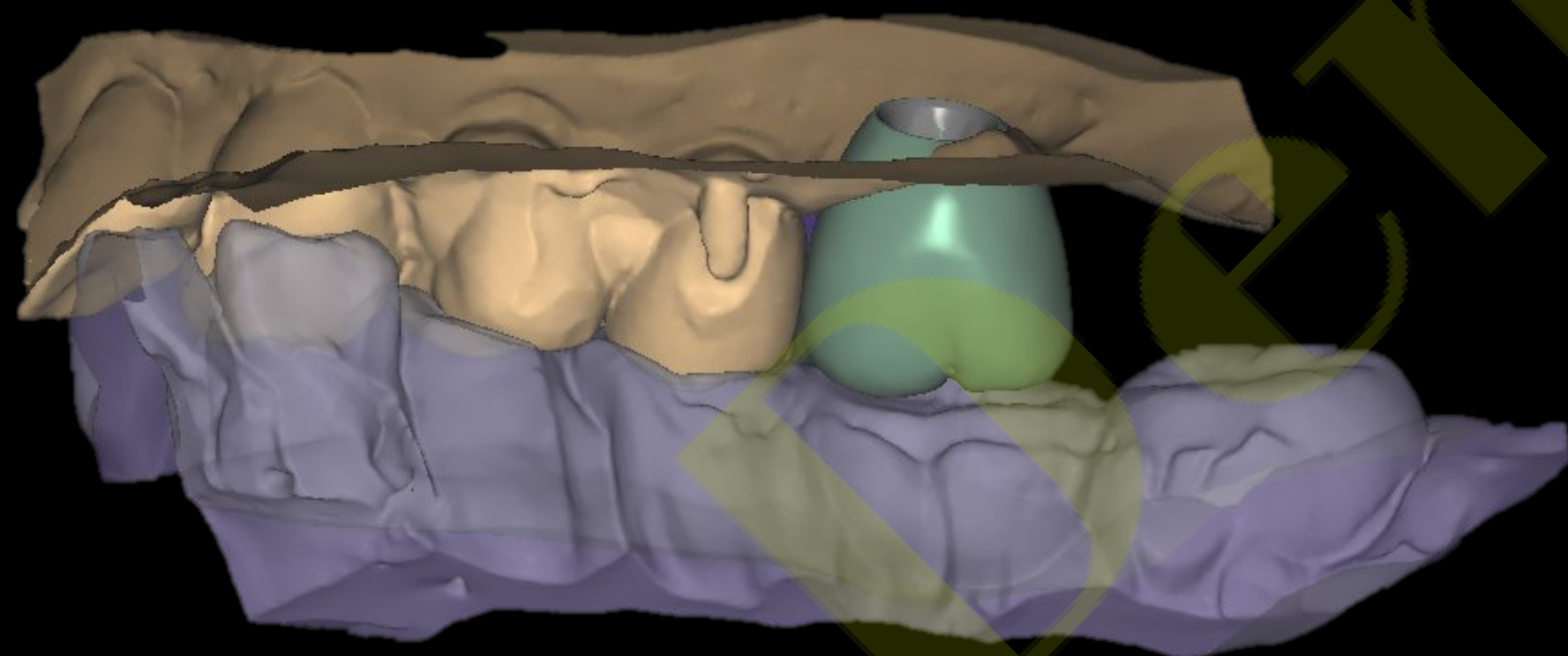
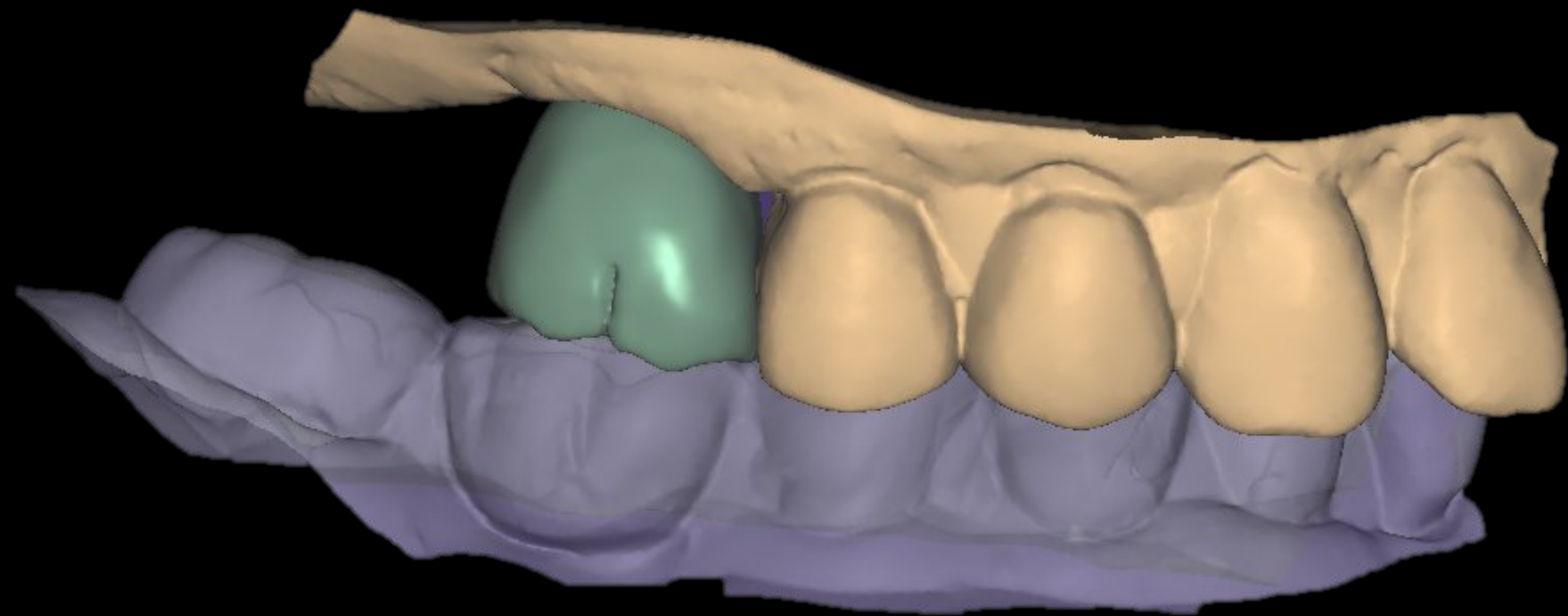
Trimming / Scan spray



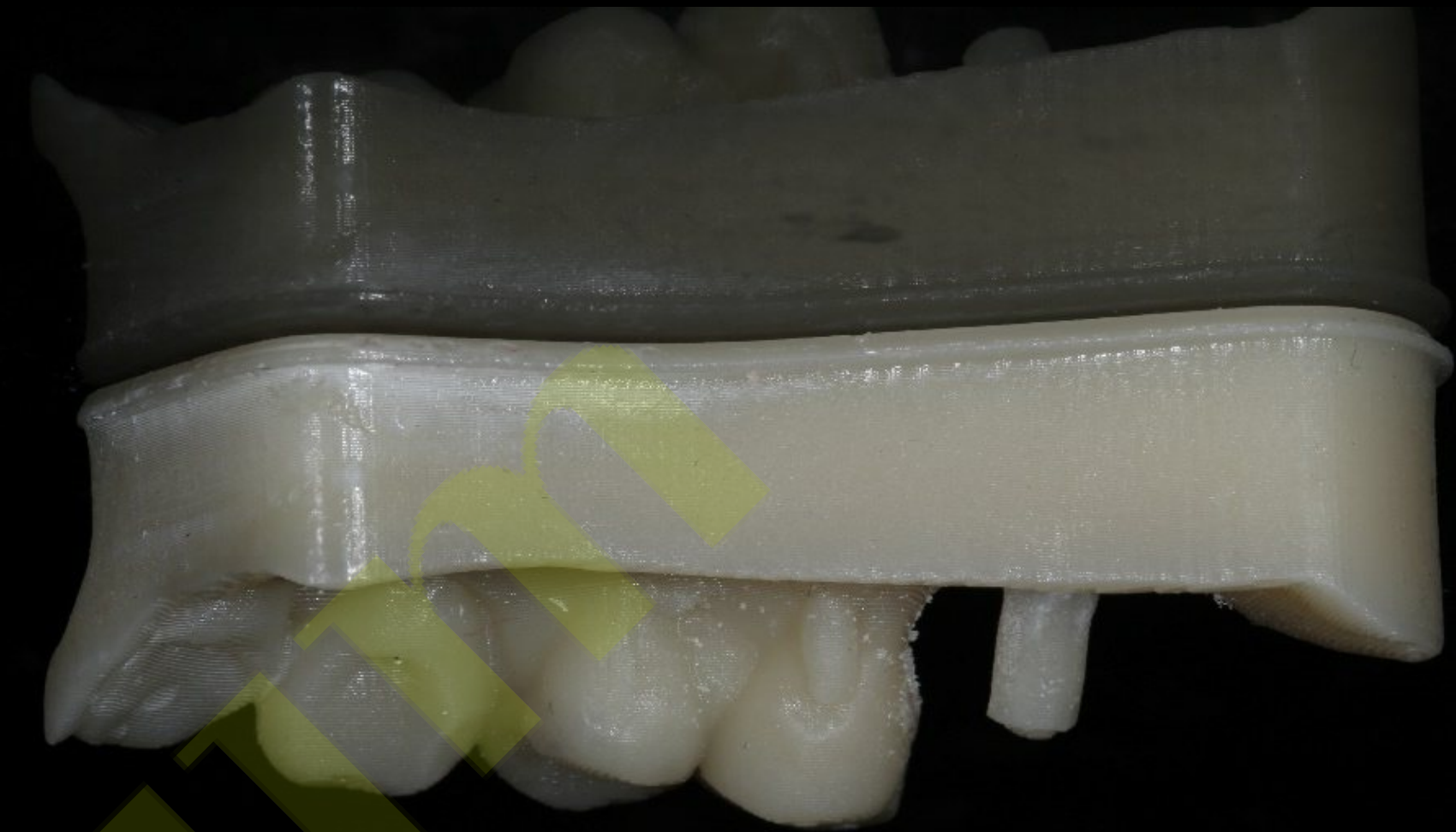
Impression model scan



CAD design (Temporary)

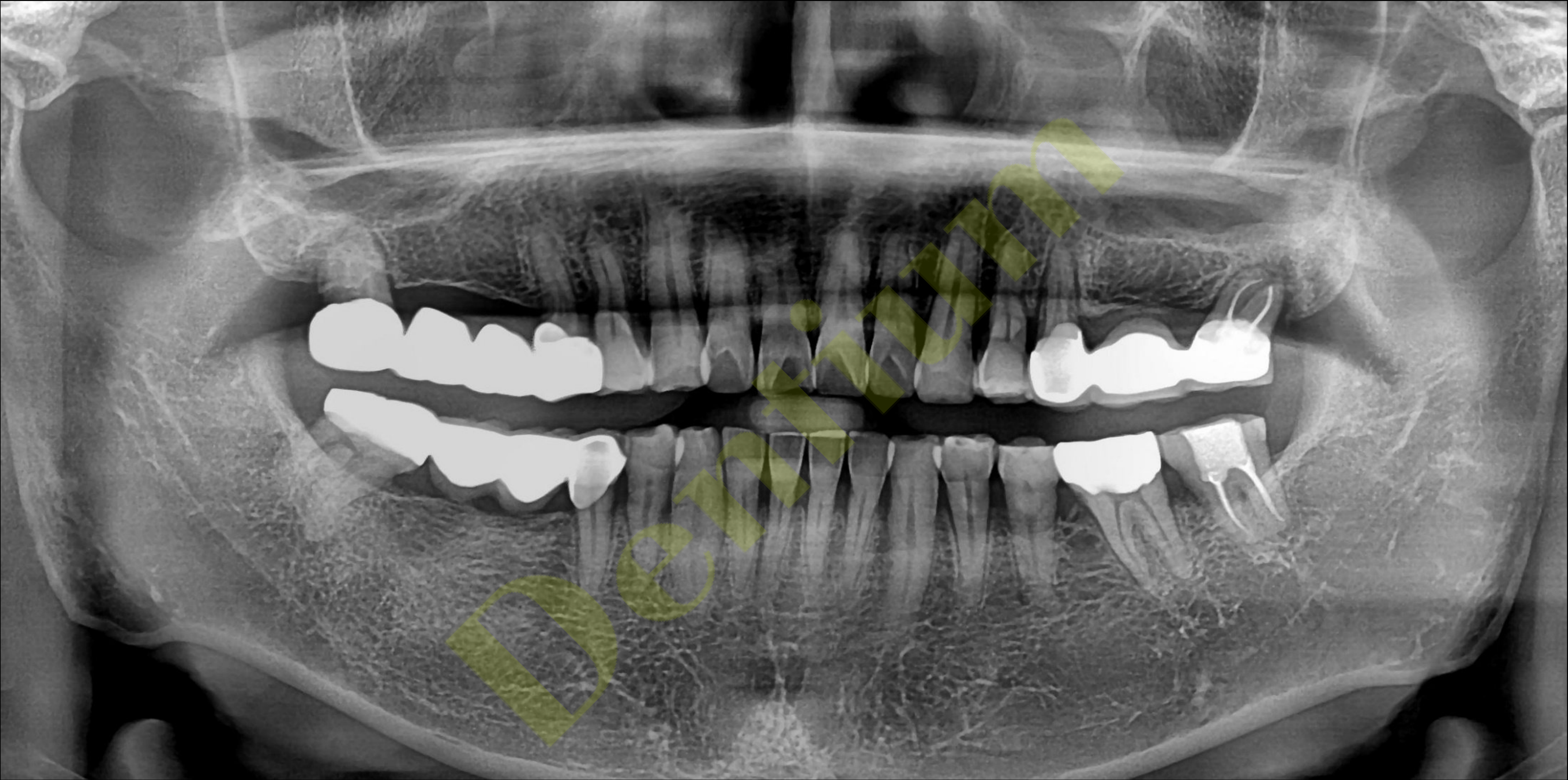


Printing model & Provisional crown

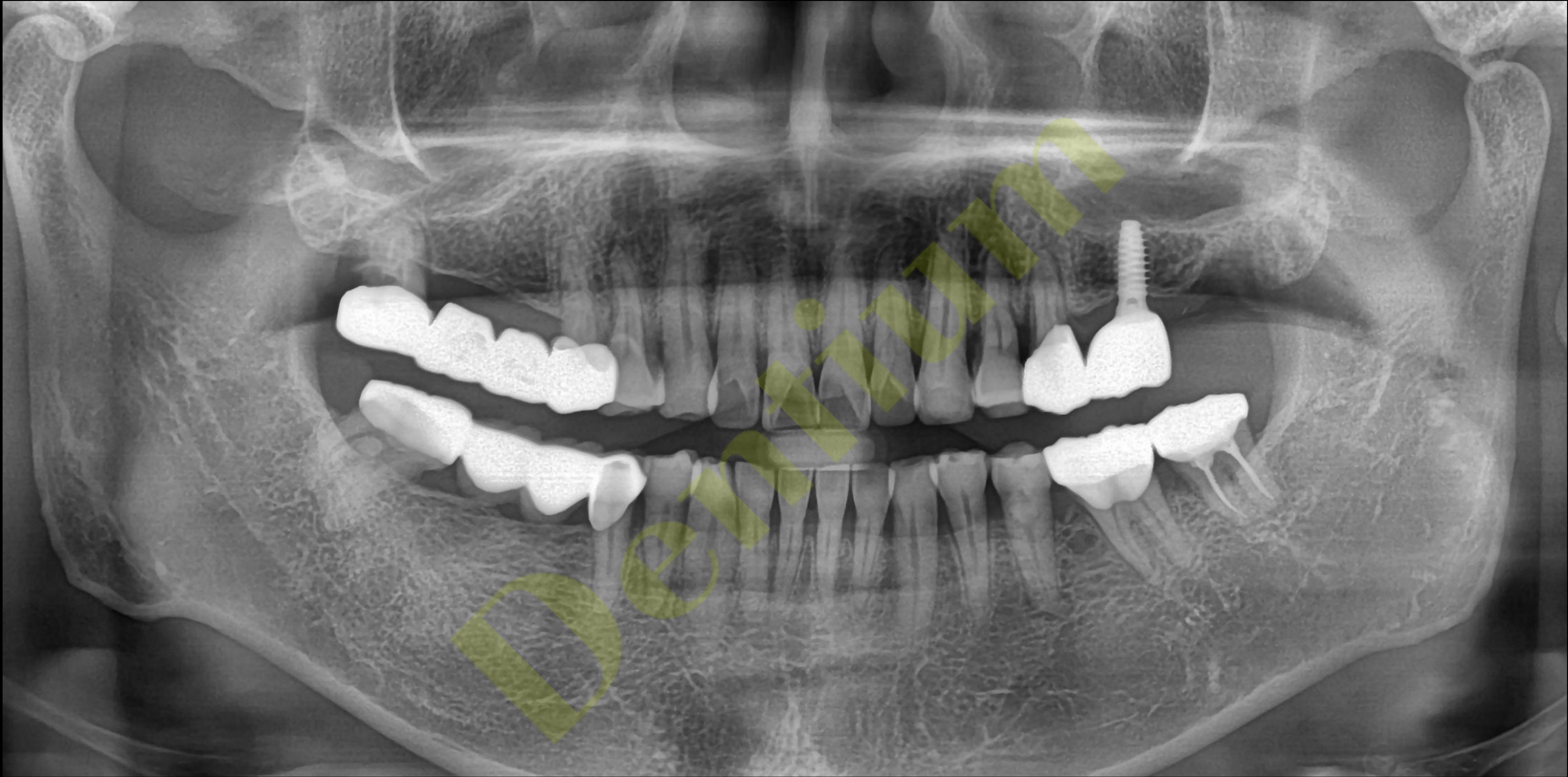


Provisional restoration (2022-05-19)

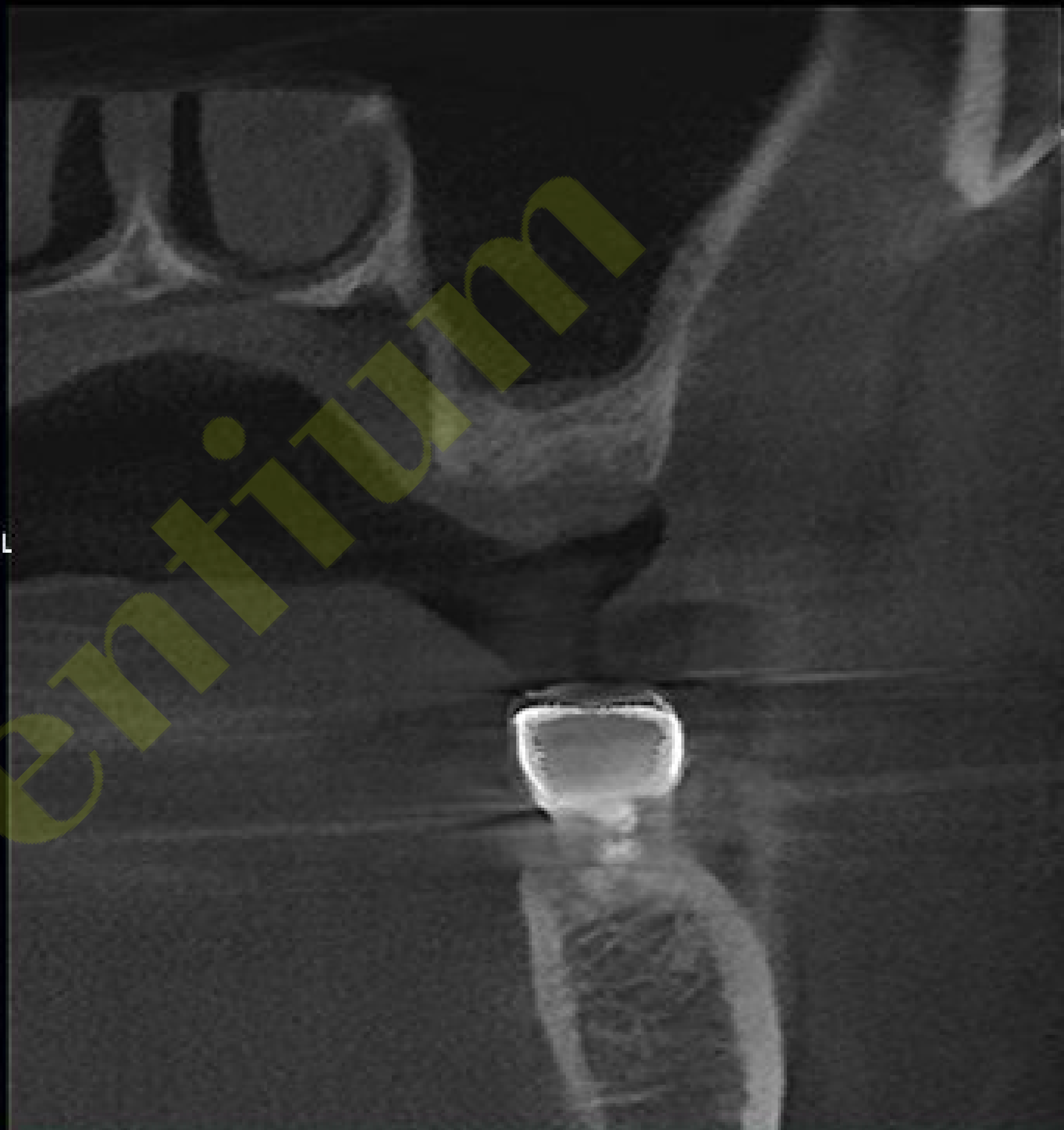
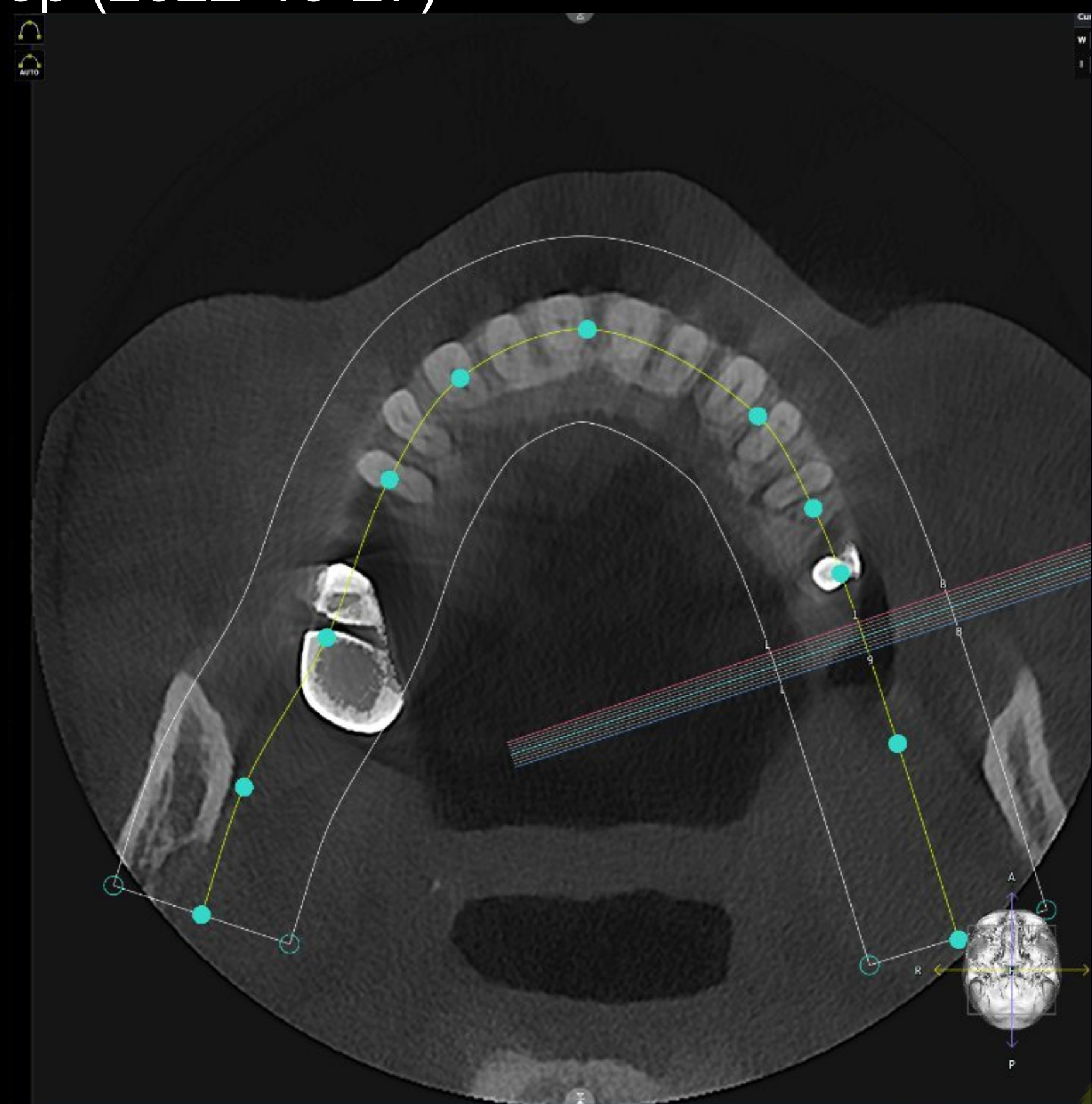




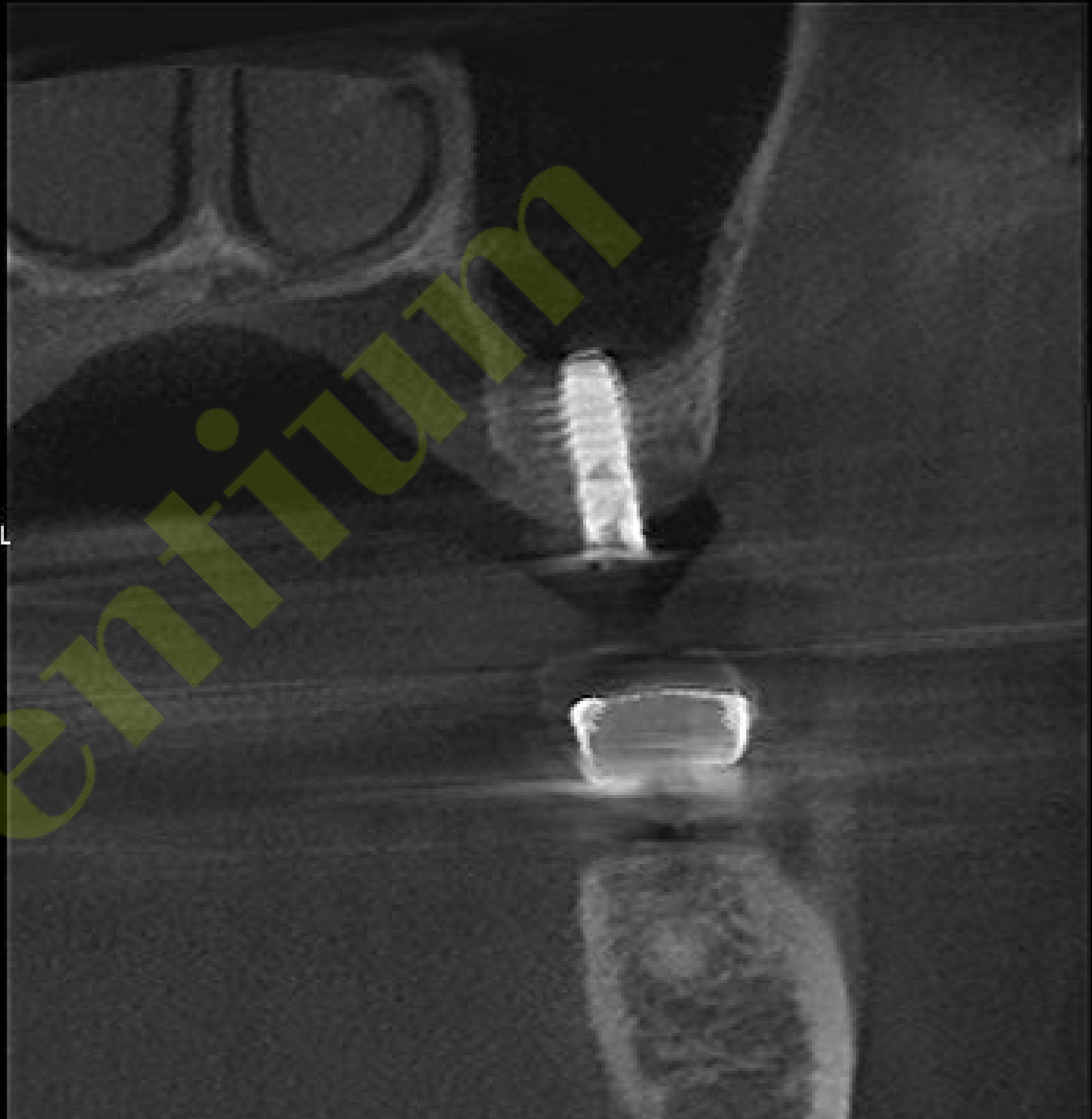
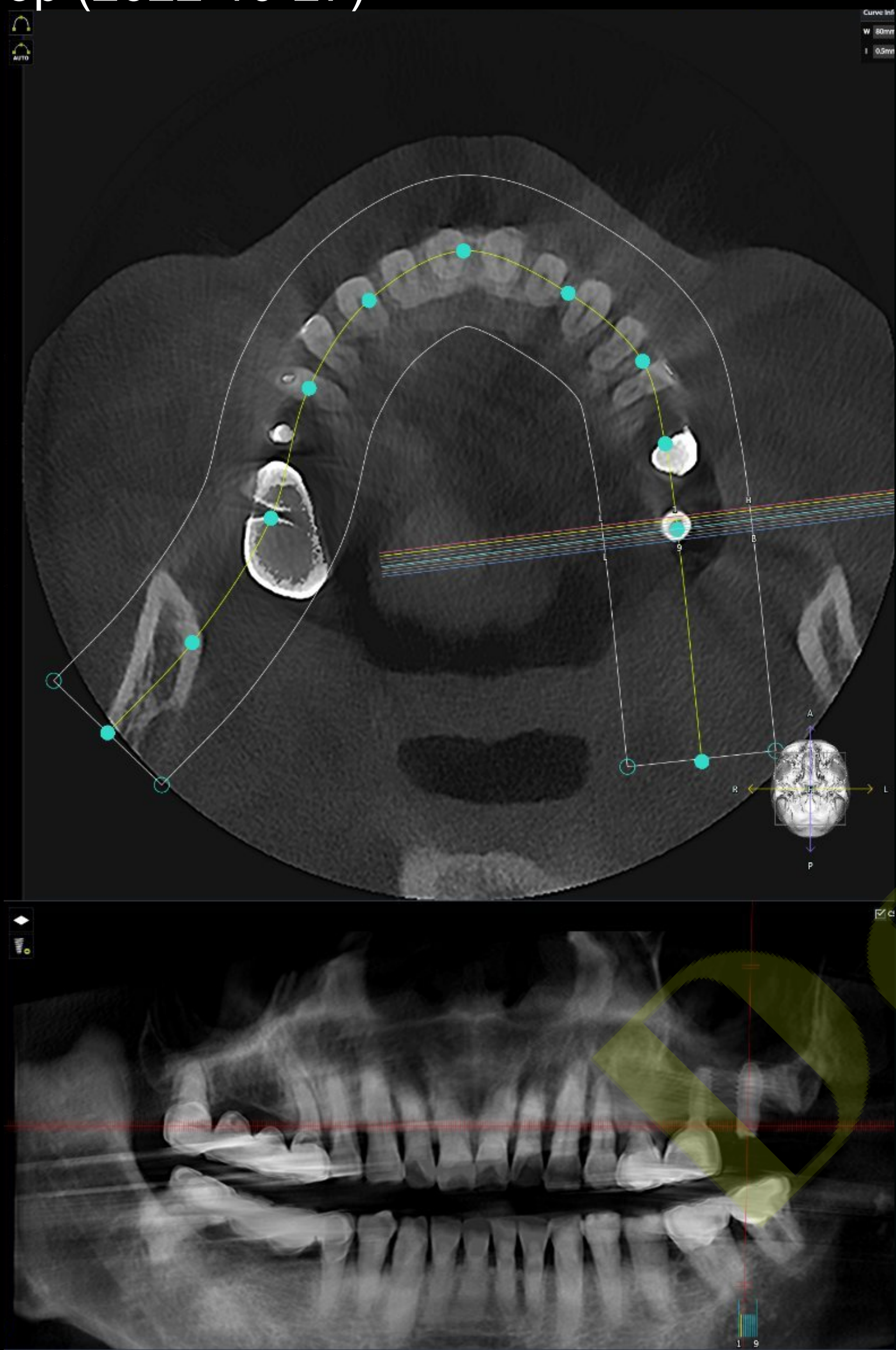
Pre-op (2022-07-27)



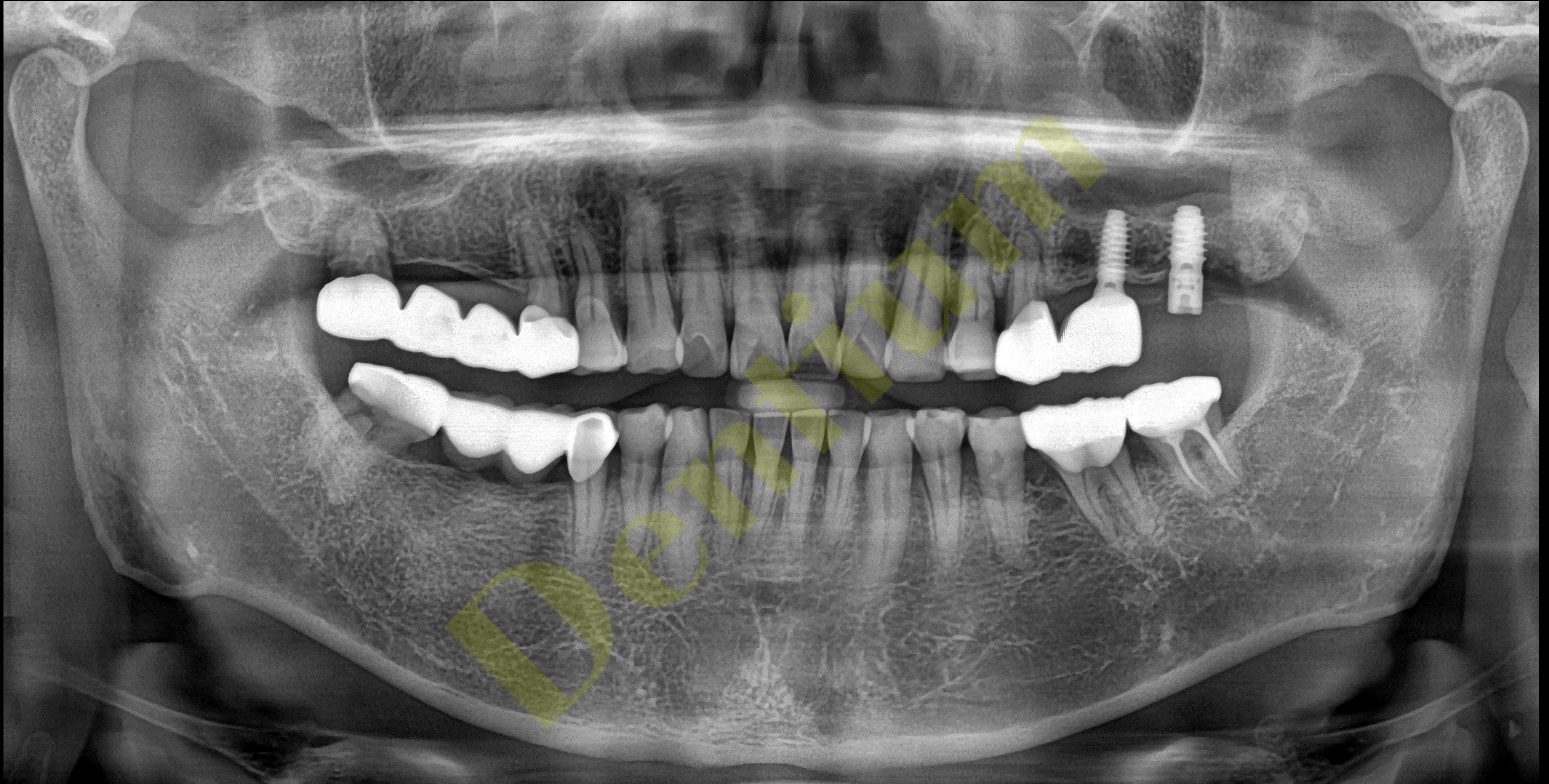
Pre-op (2022-10-27)



Post-op (2022-10-27)



Follow up : 3 weeks (2022-11-16)



Final prosthesis (2023-03-22)



Pre-op (2022-10-27)



Post-op (2022-10-27)



bright TL (Ø4.0 X 7.0)

Healing : 3 week (2022-11-16)



Final prosthesis (2023-03-08)



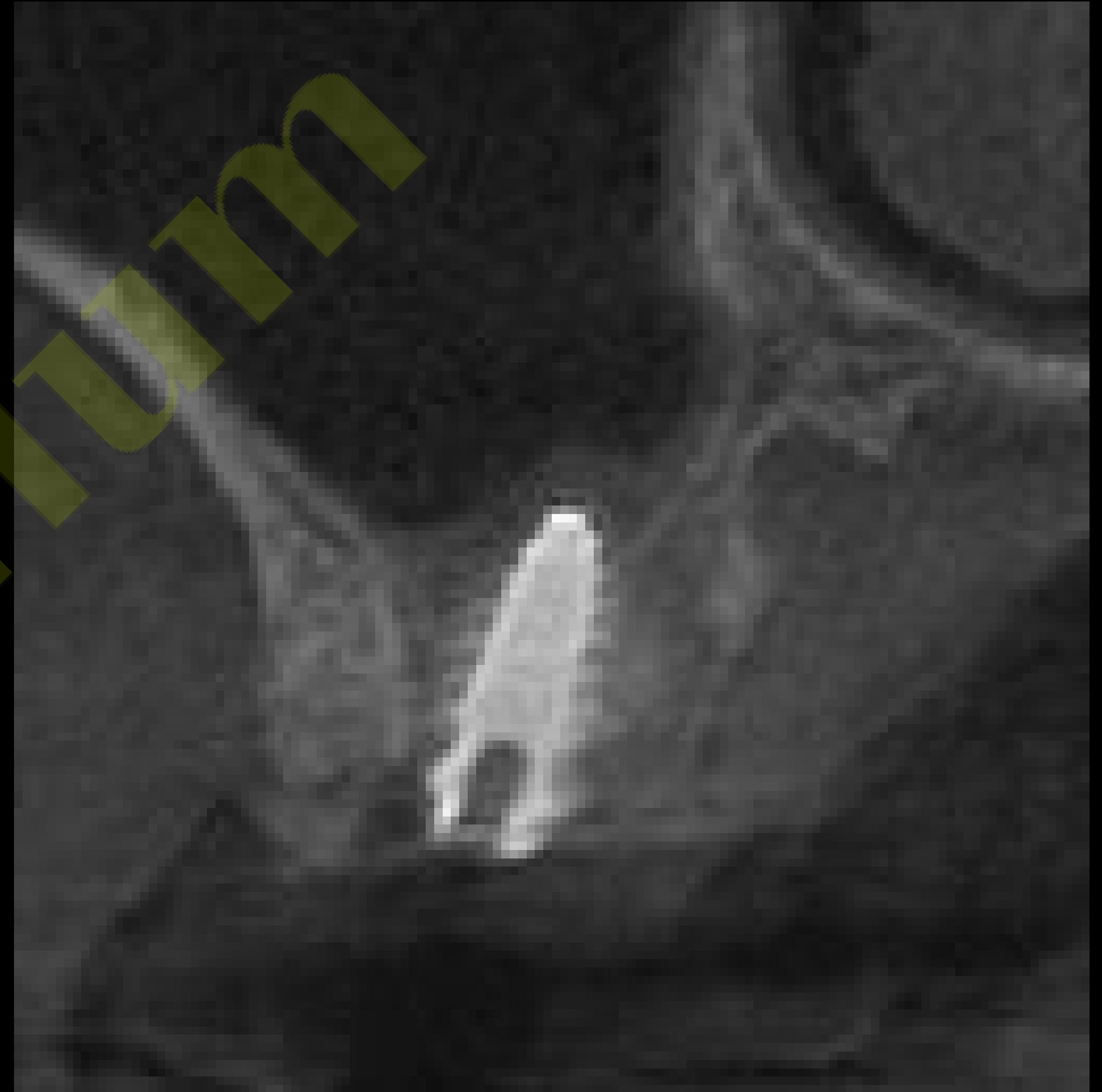
Healing 1 week (After 2nd surgery) (2022-05-26)



Pre-op (2022-05-18)



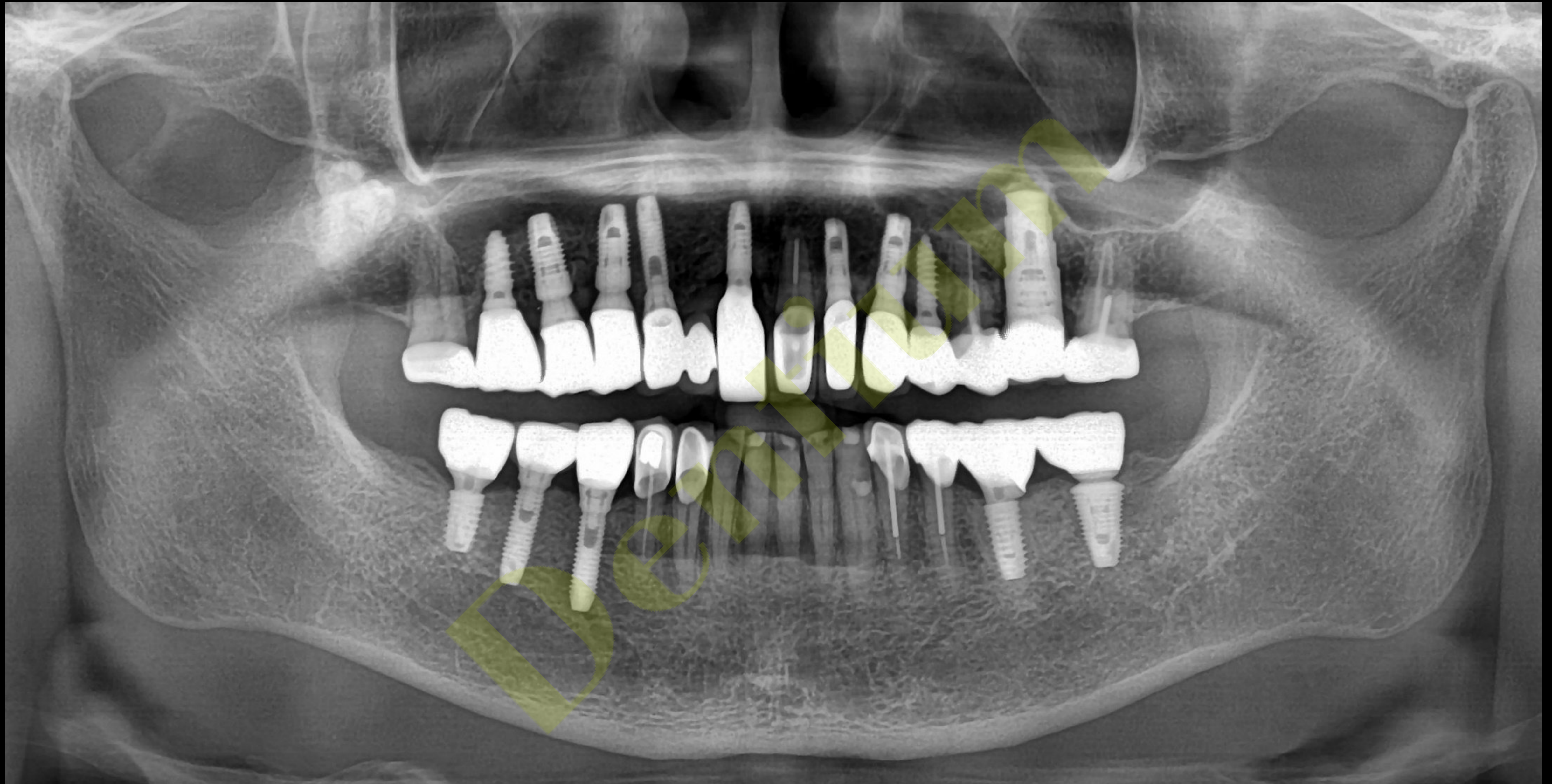
Post-op (2022-05-18)



Healing 1 week (After 2nd surgery) (2022-06-23)



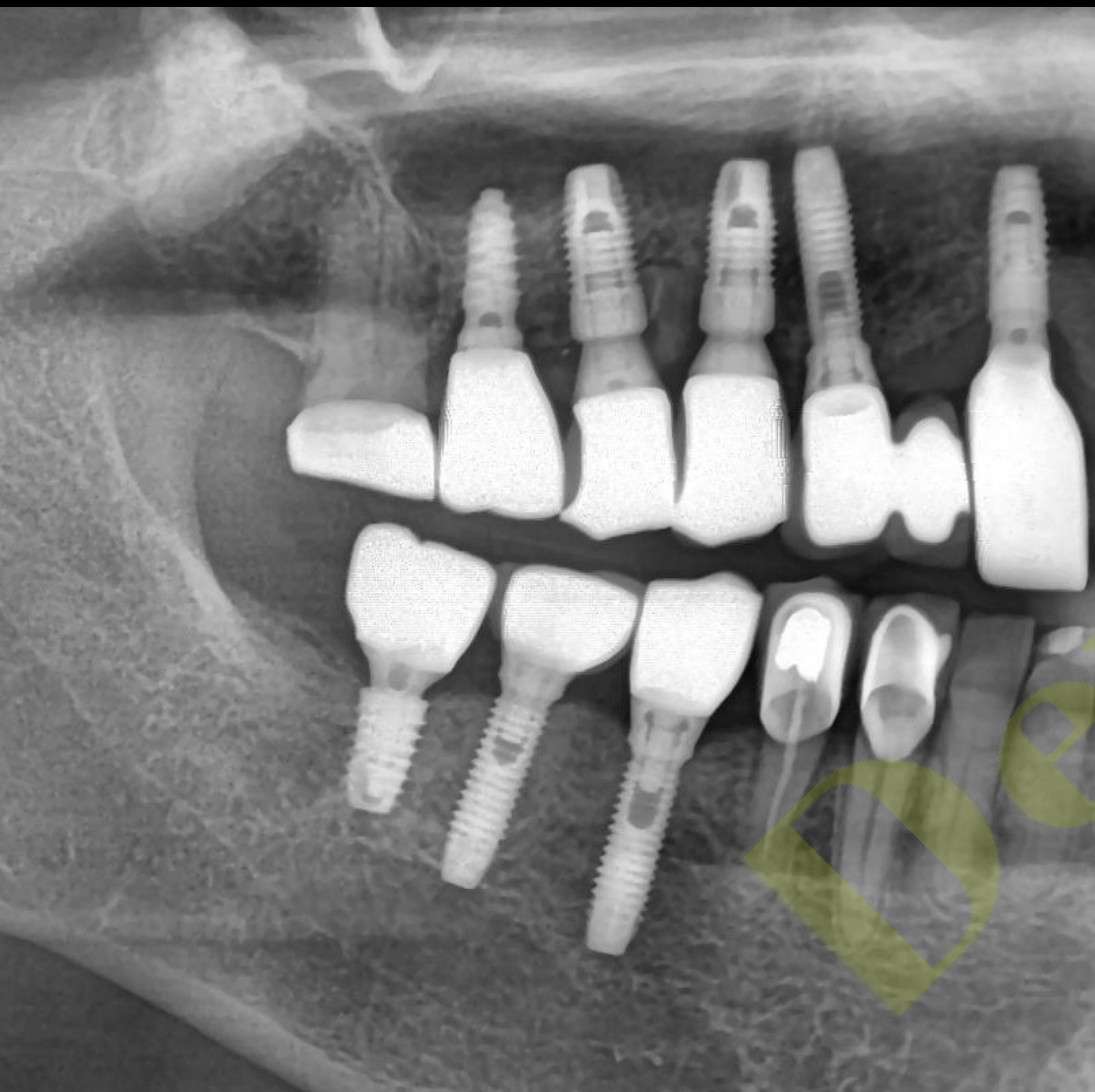
Final prosthesis (2022-07-07)



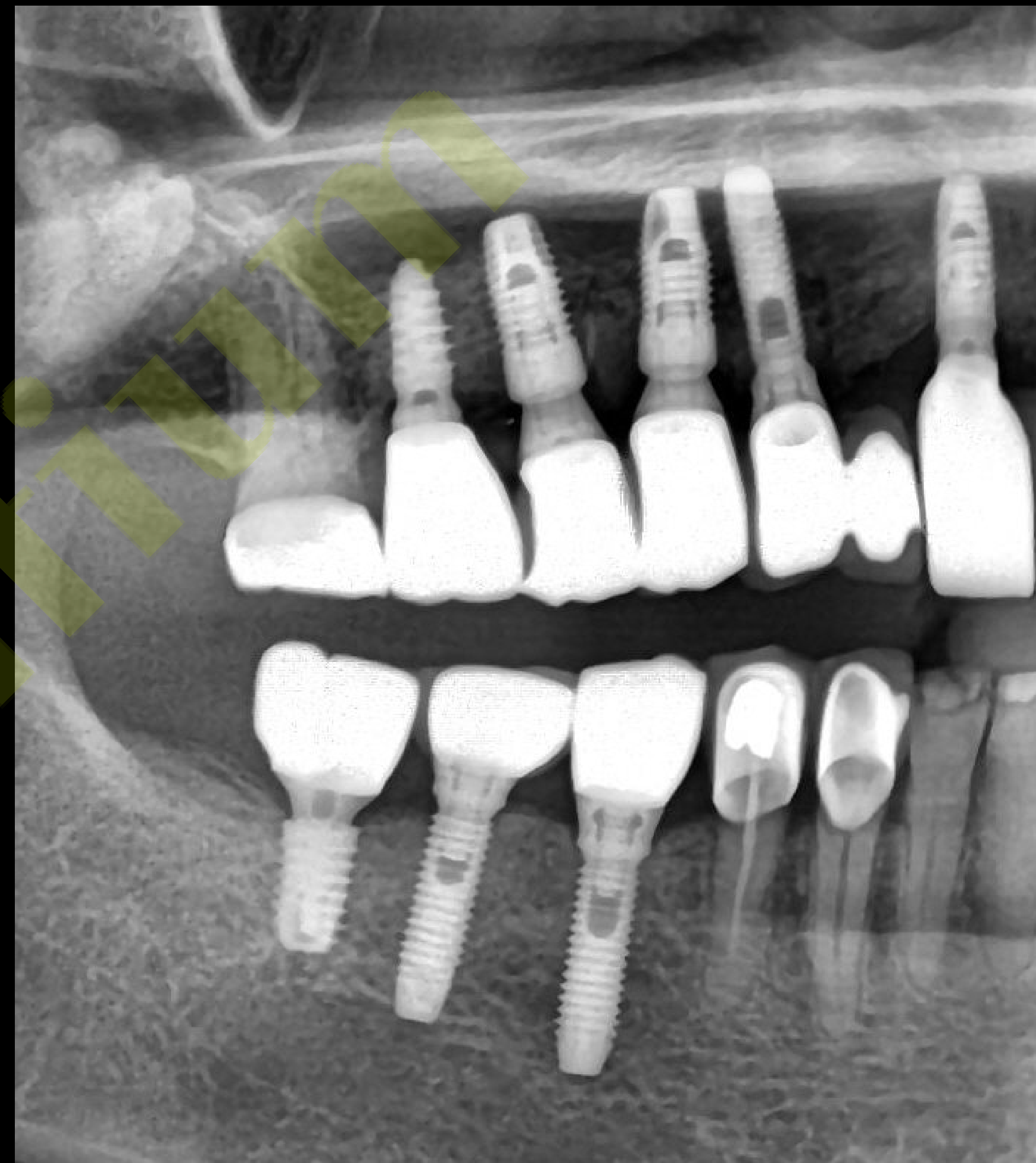
Final prosthesis (2022-07-07)

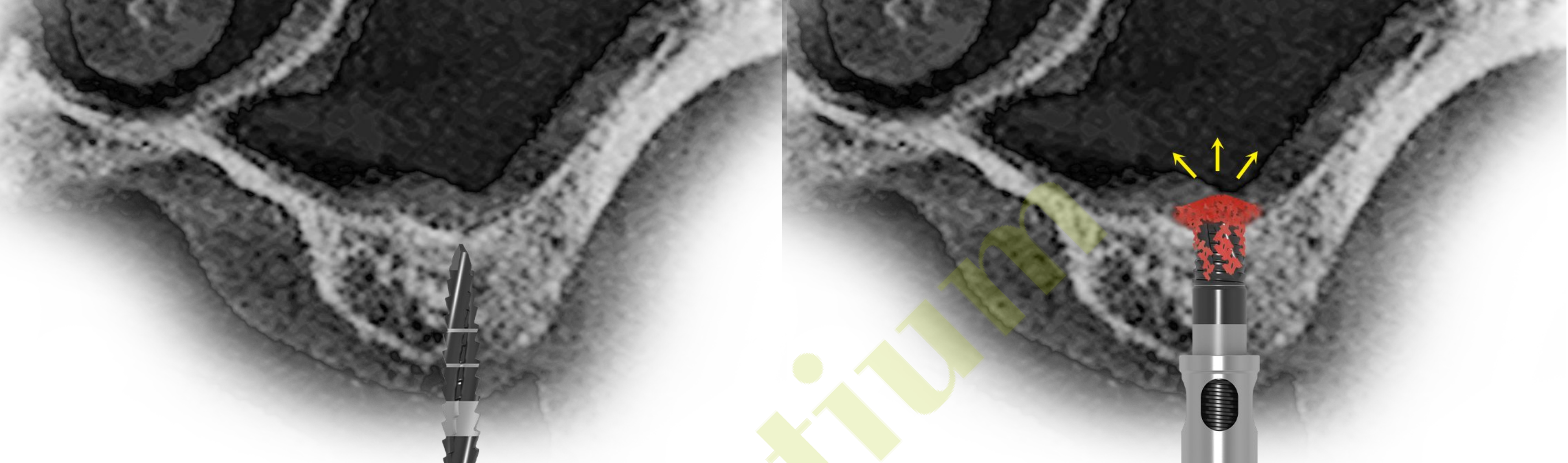


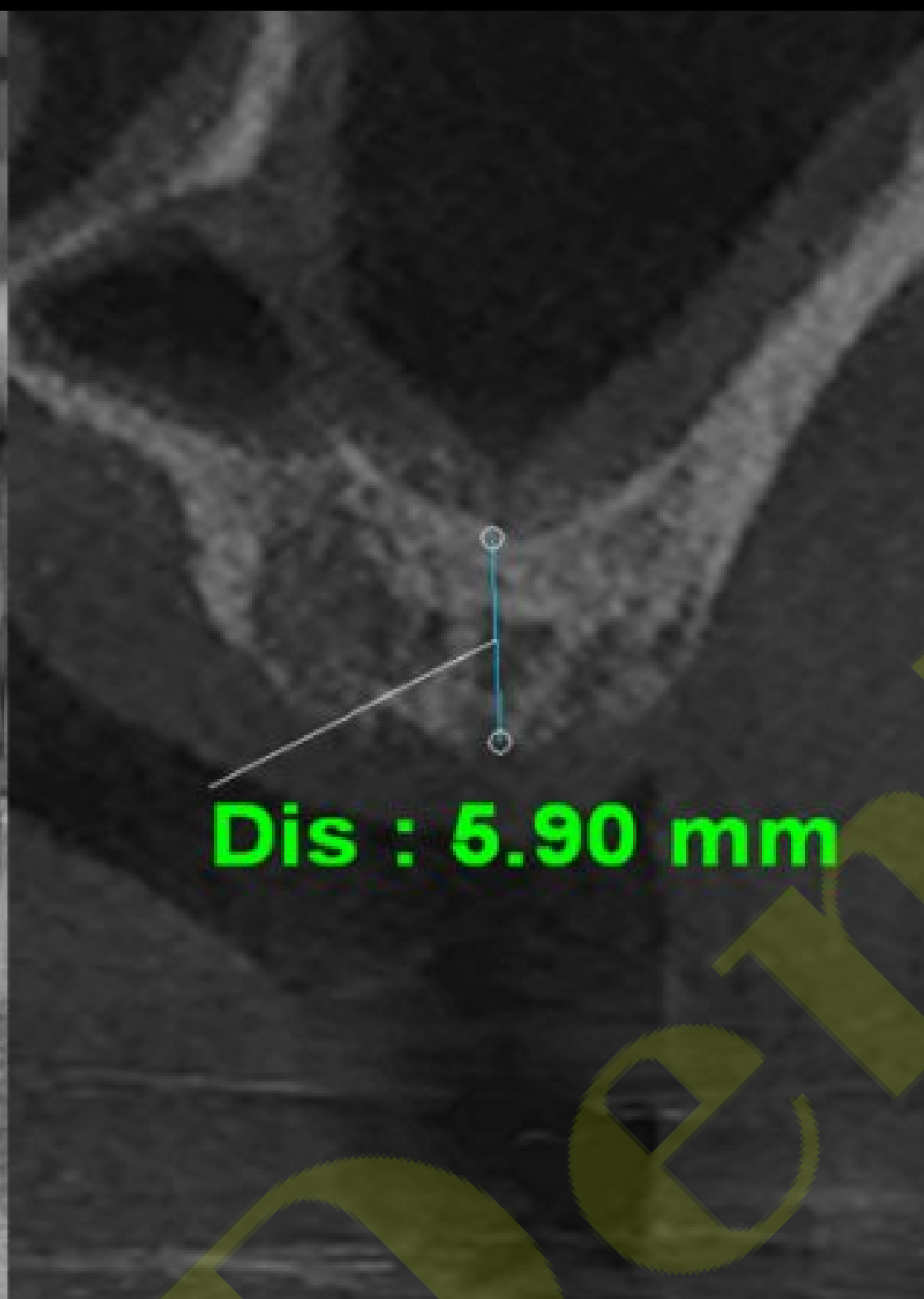
Follow up 3 months (2022-10-13)



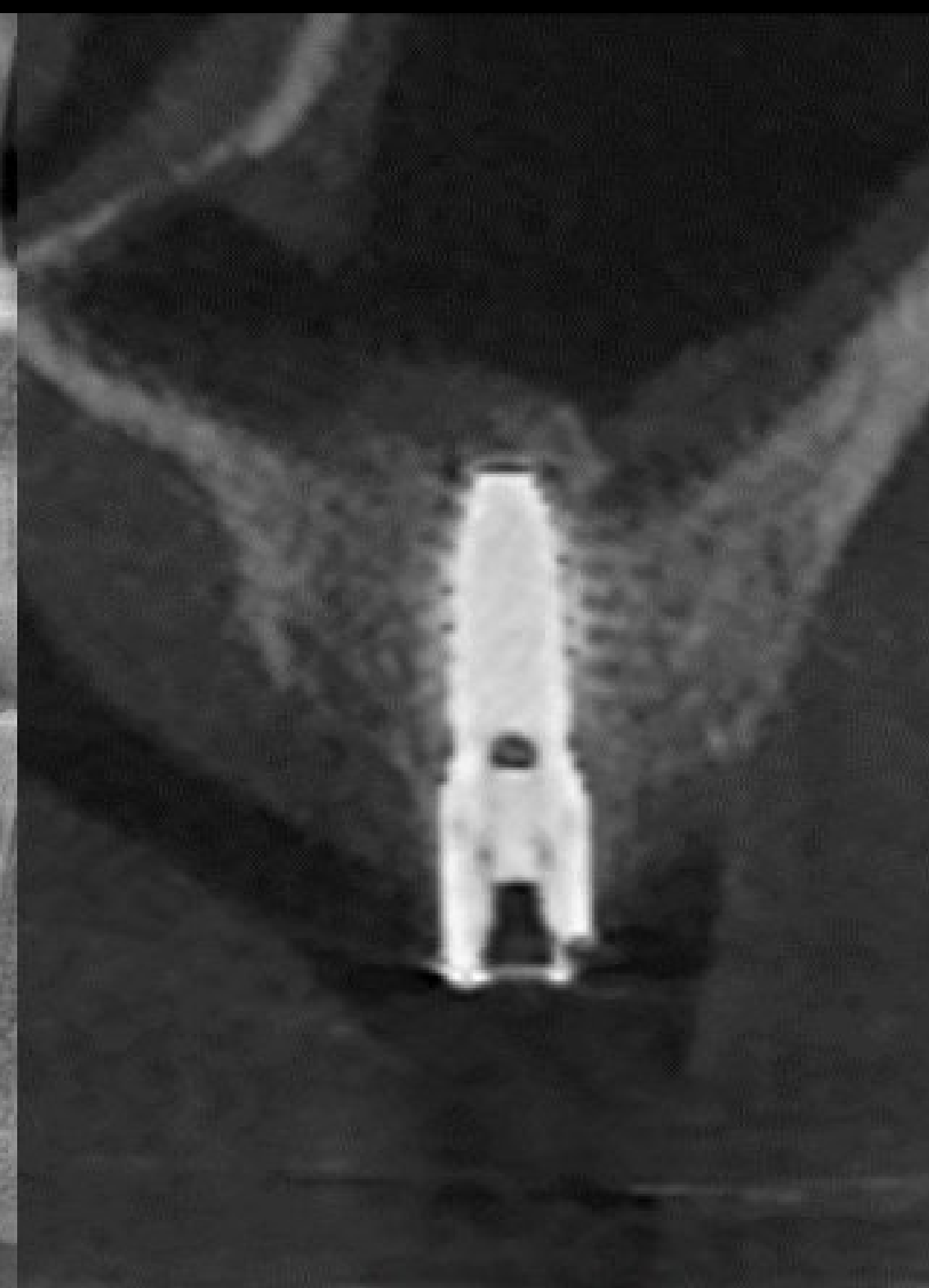
Follow up 10 months (2023-03-02)





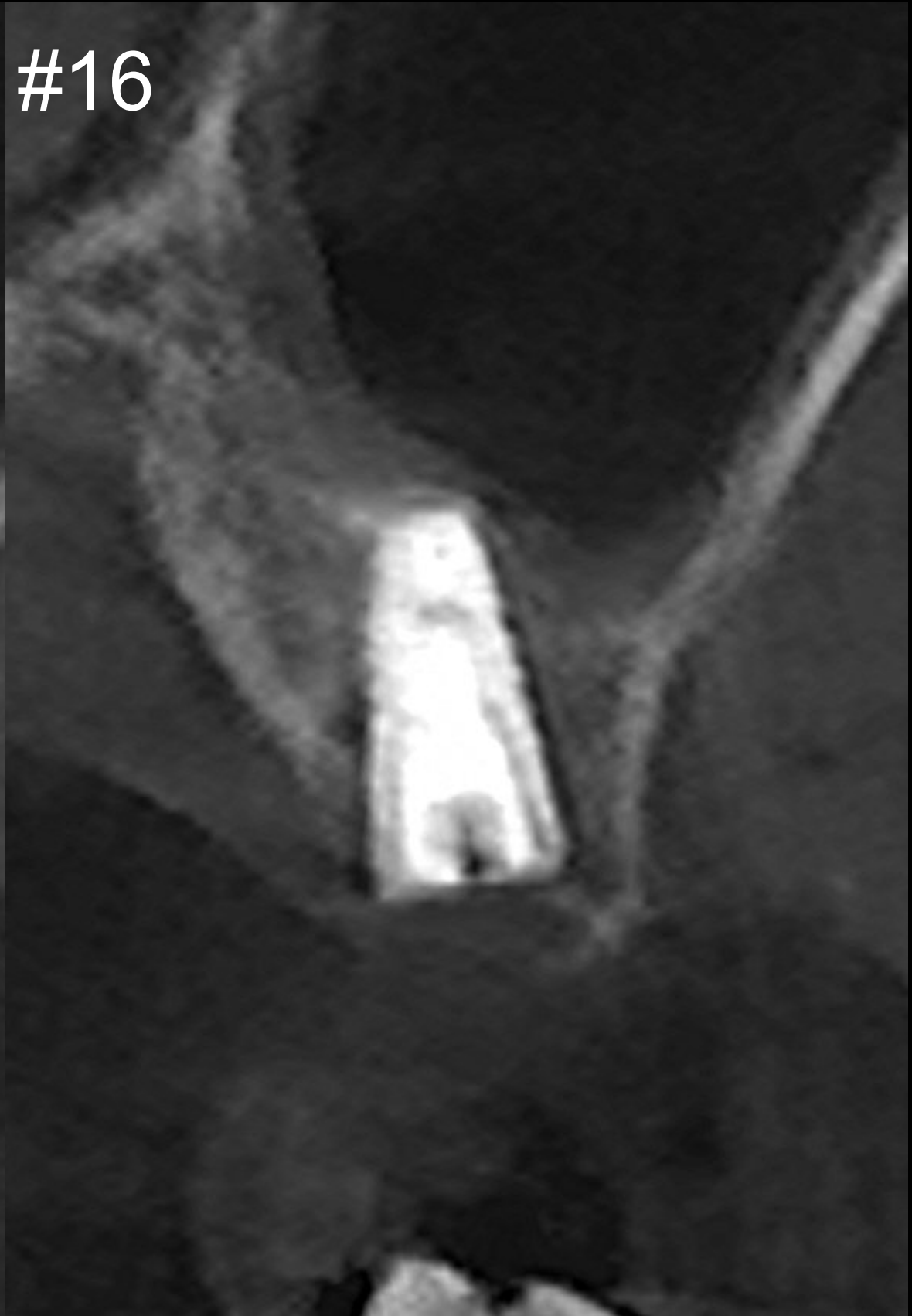
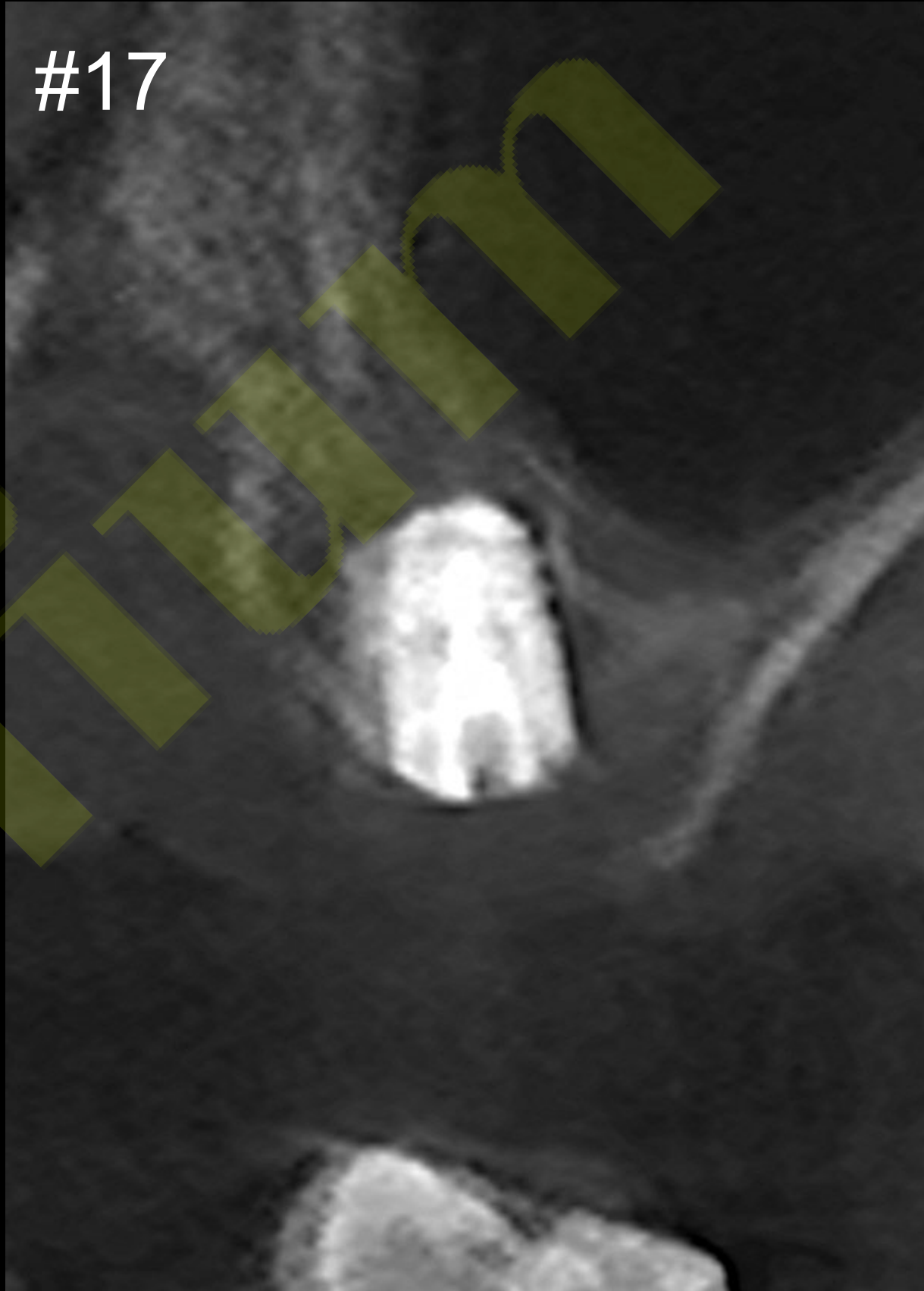
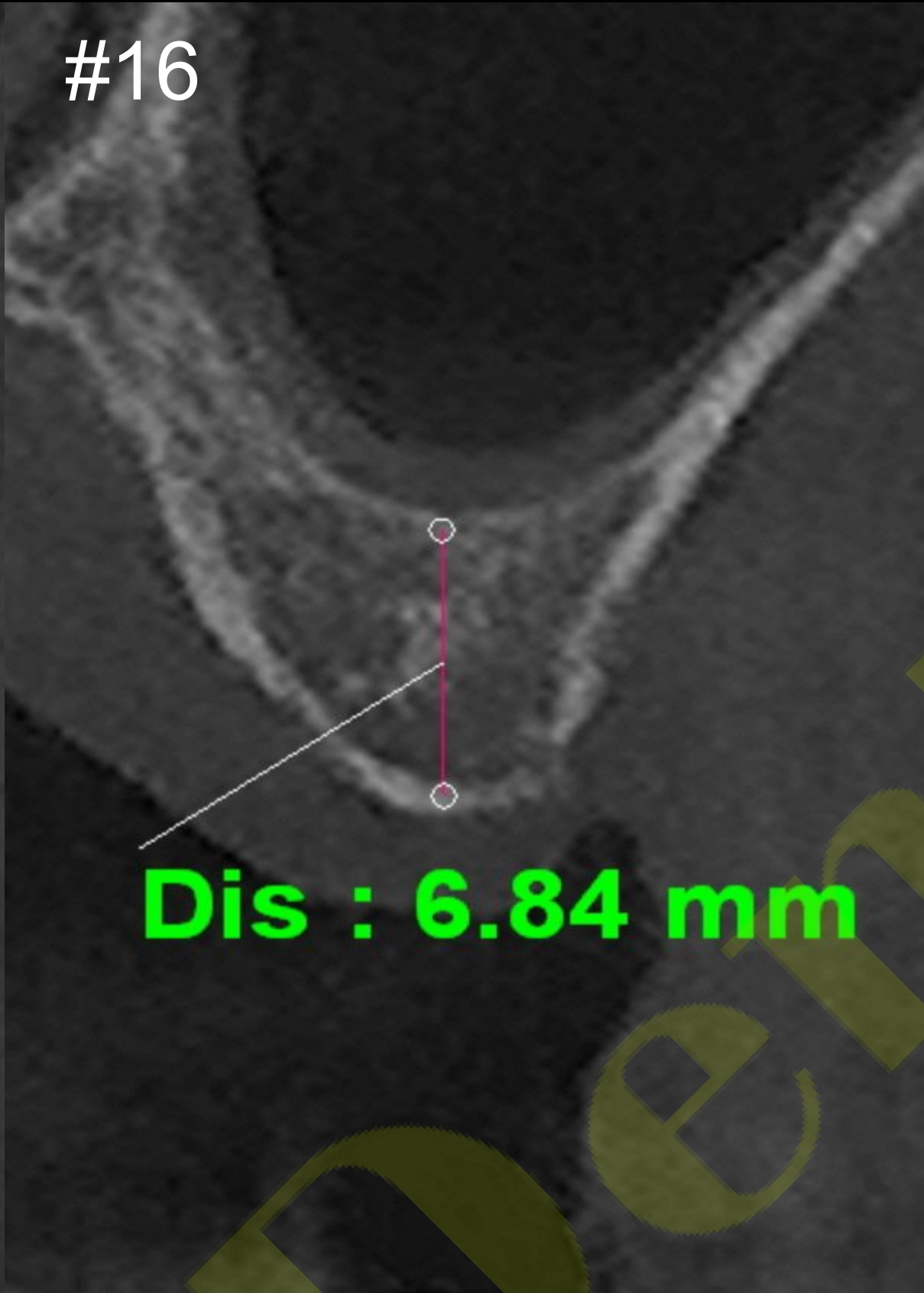
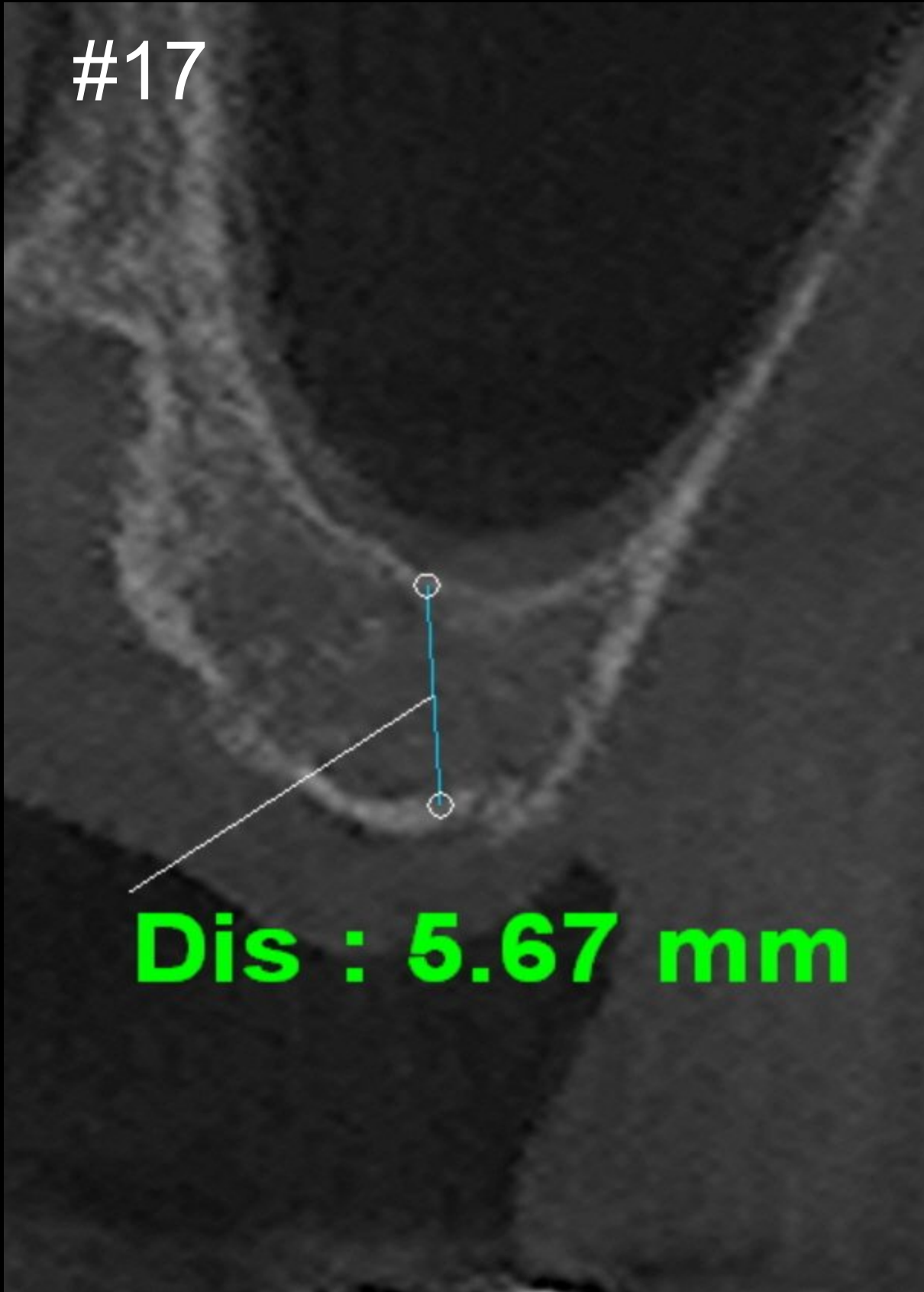


Dis : 5.90 mm



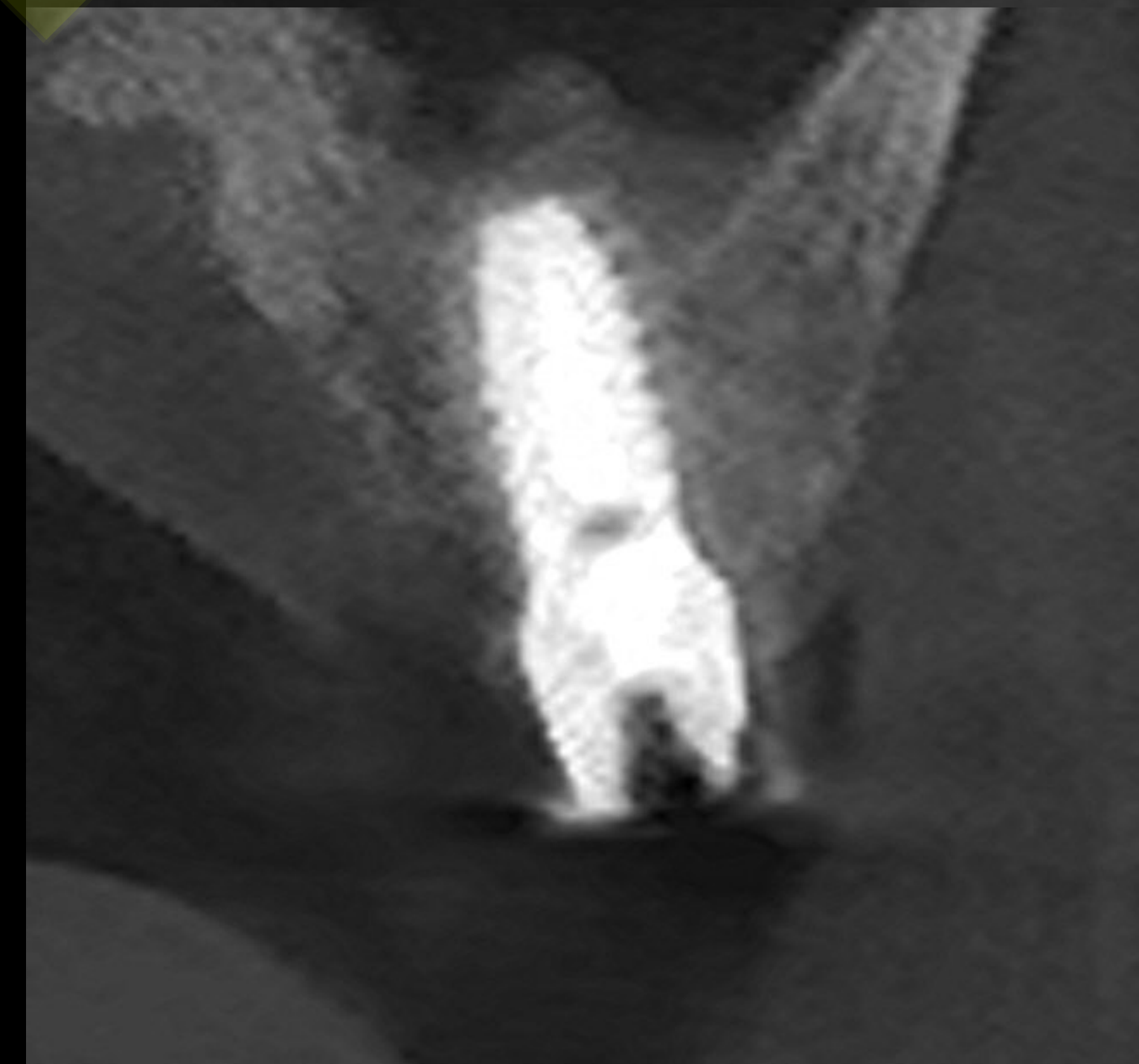
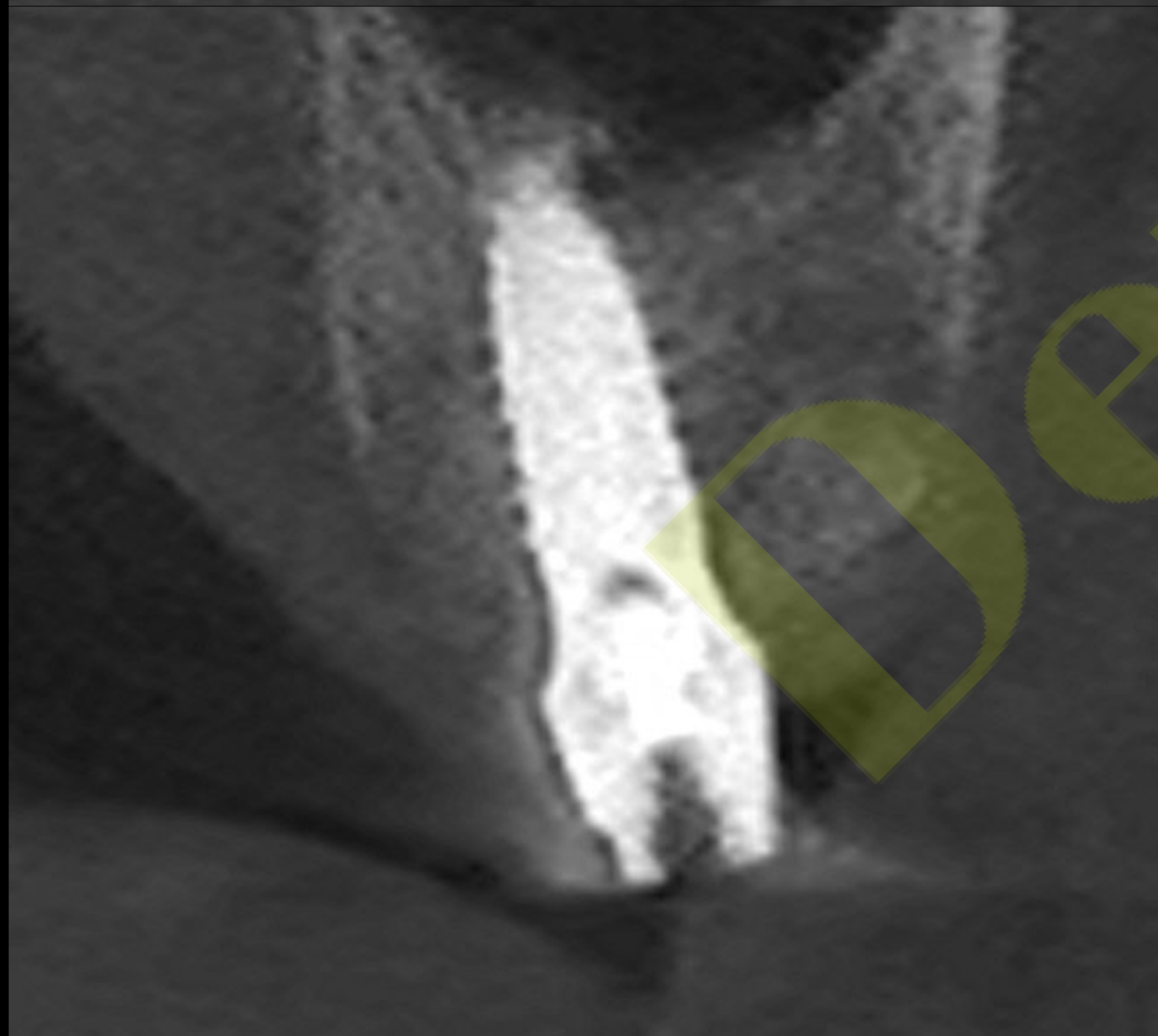
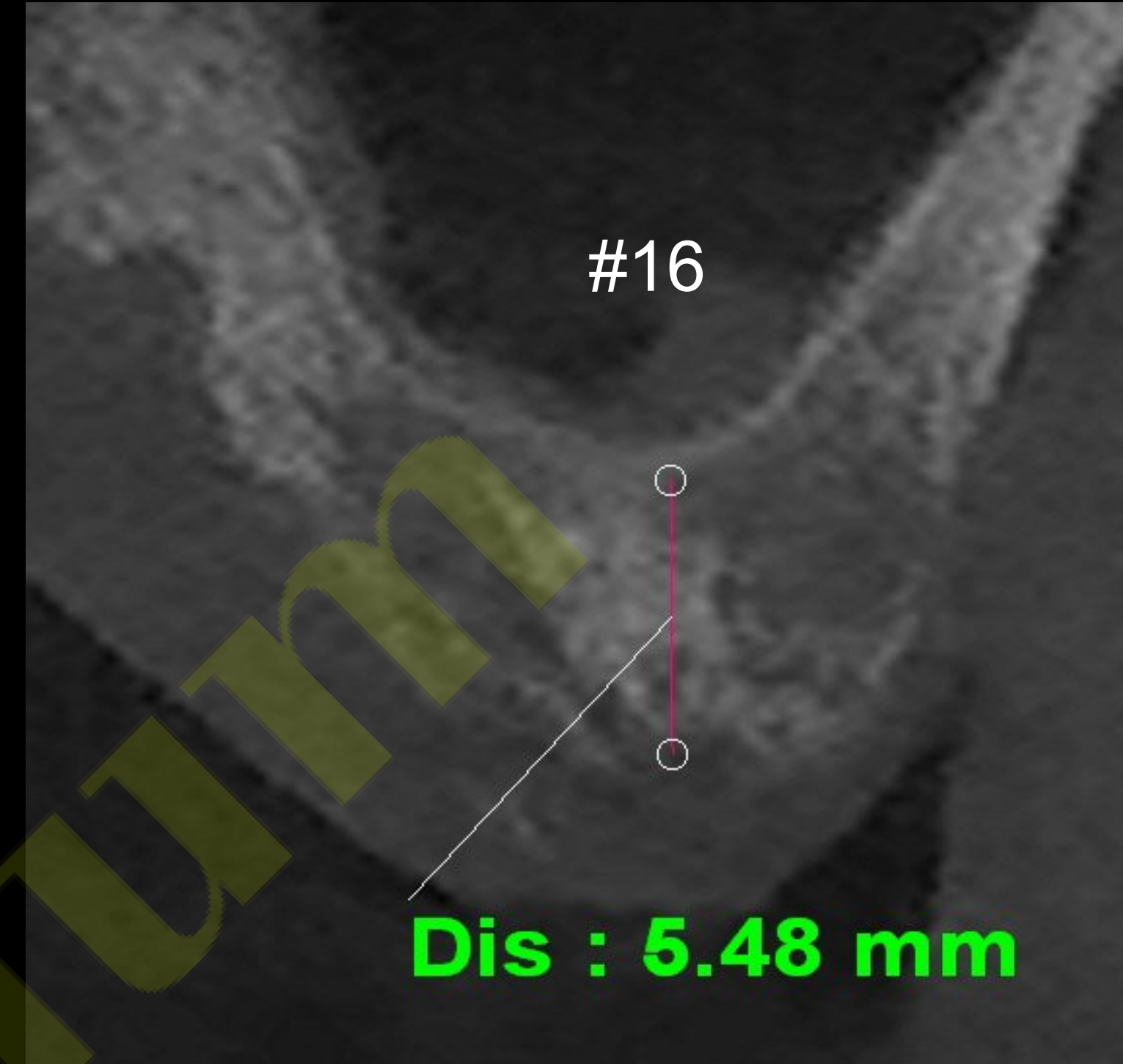
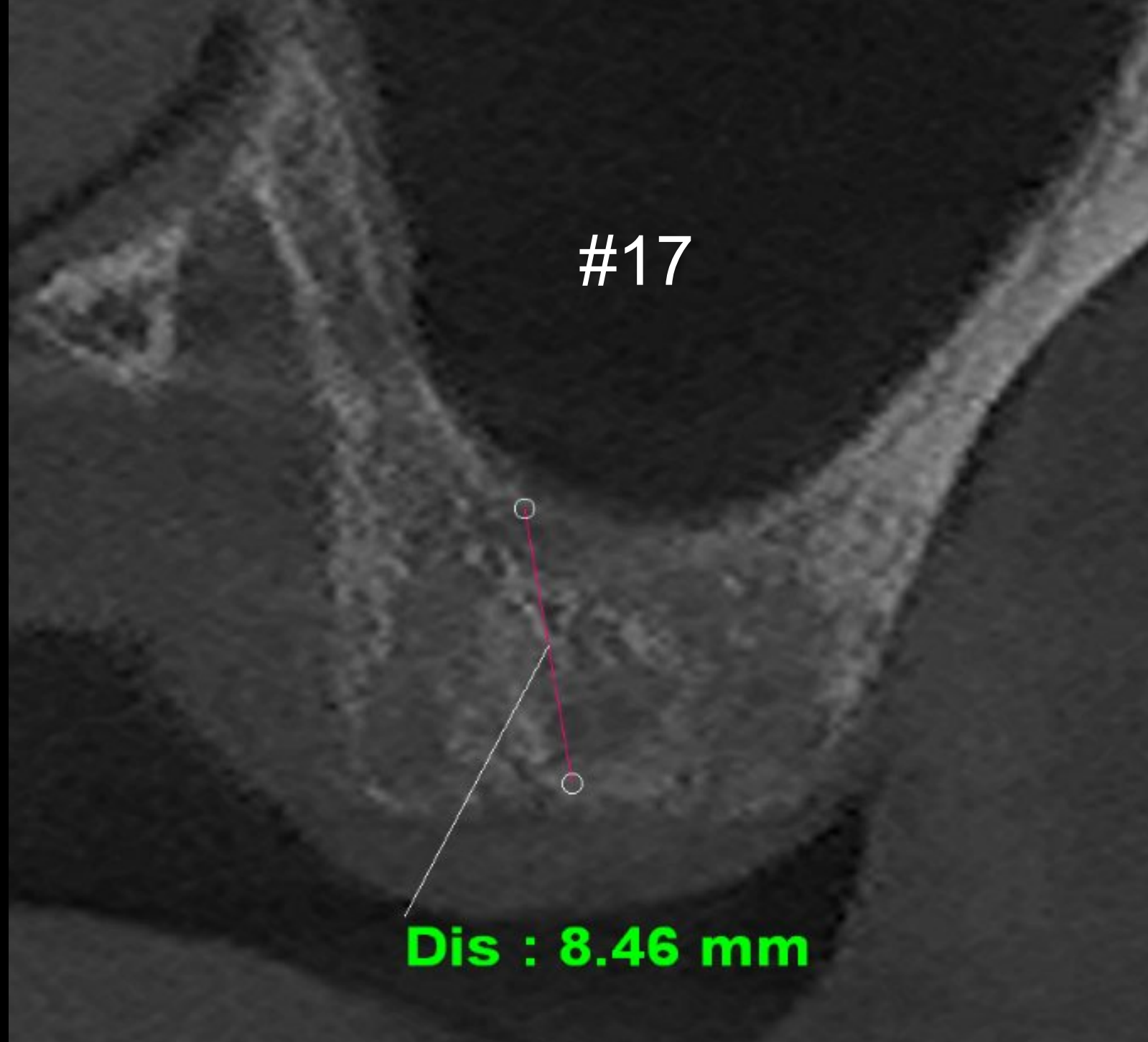
Pre-op (2022-03-20)

Post-op (2022-03-20)



bright BL2 (Ø5.0 X 7.0)

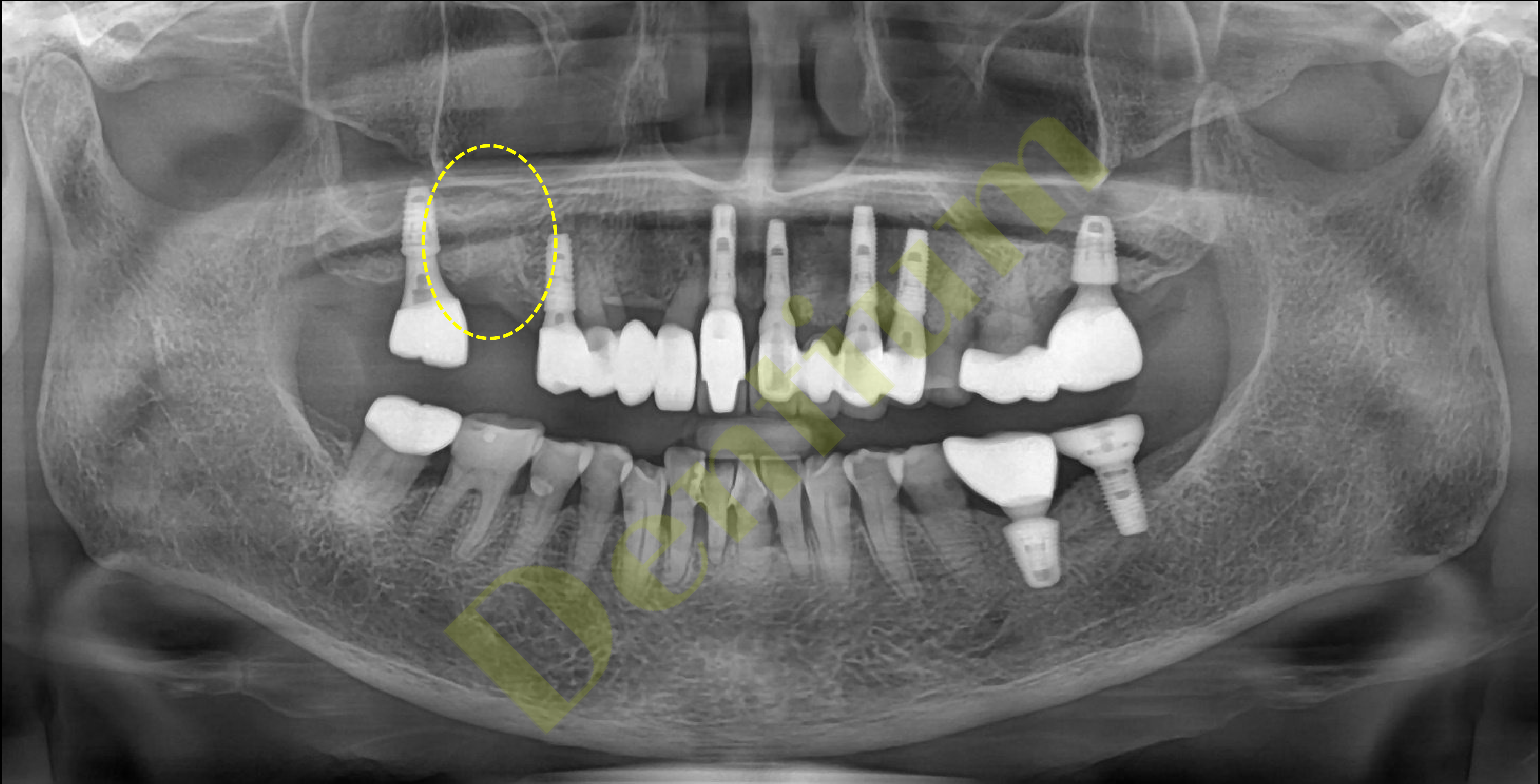
bright BL2 (Ø4.0 X 9.0)



Final prosthesis (2023-07-12)

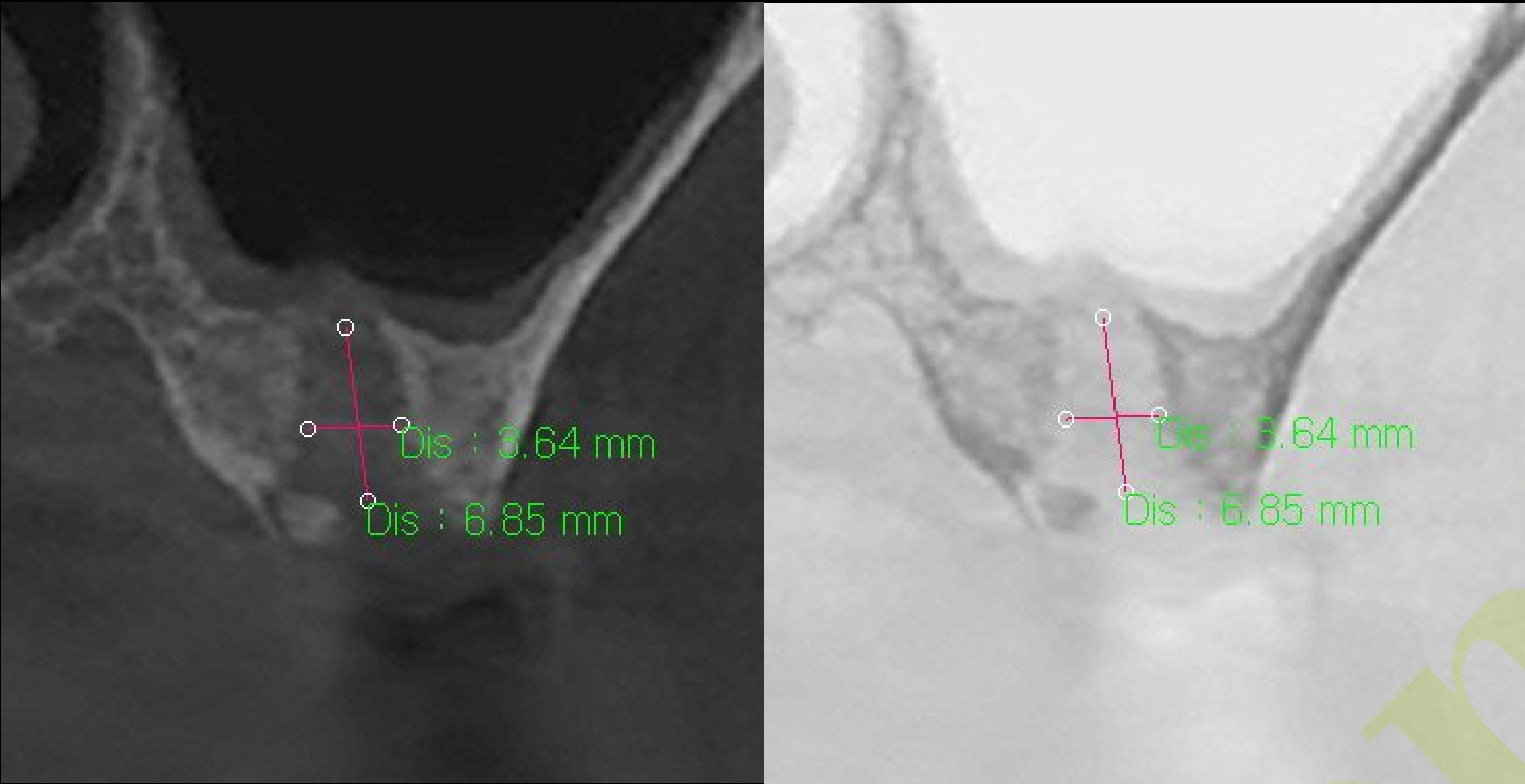


Pre-op (2022-10-25)

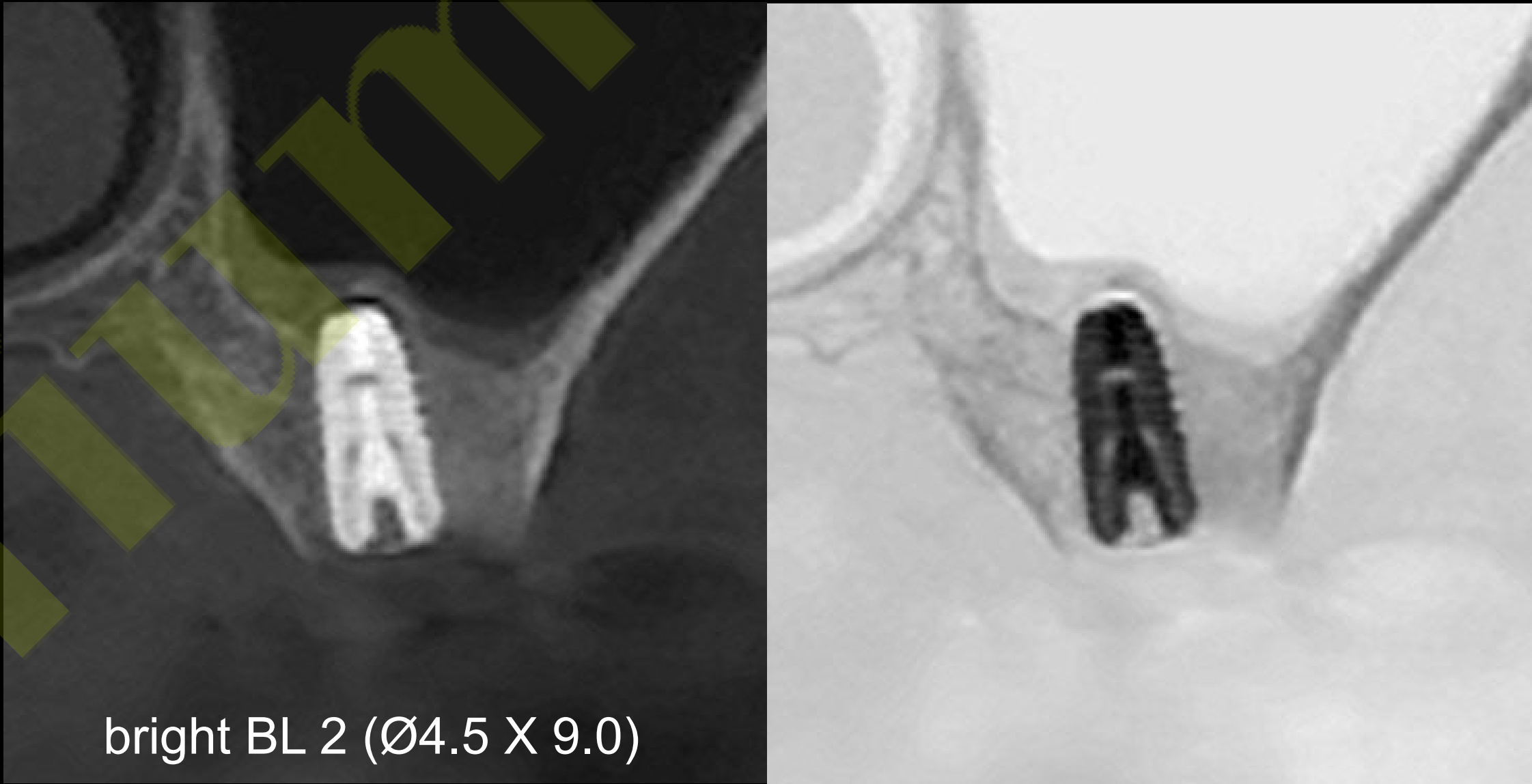


Pre-op (2023-10-25)

Post-op (2023-10-25)



#16



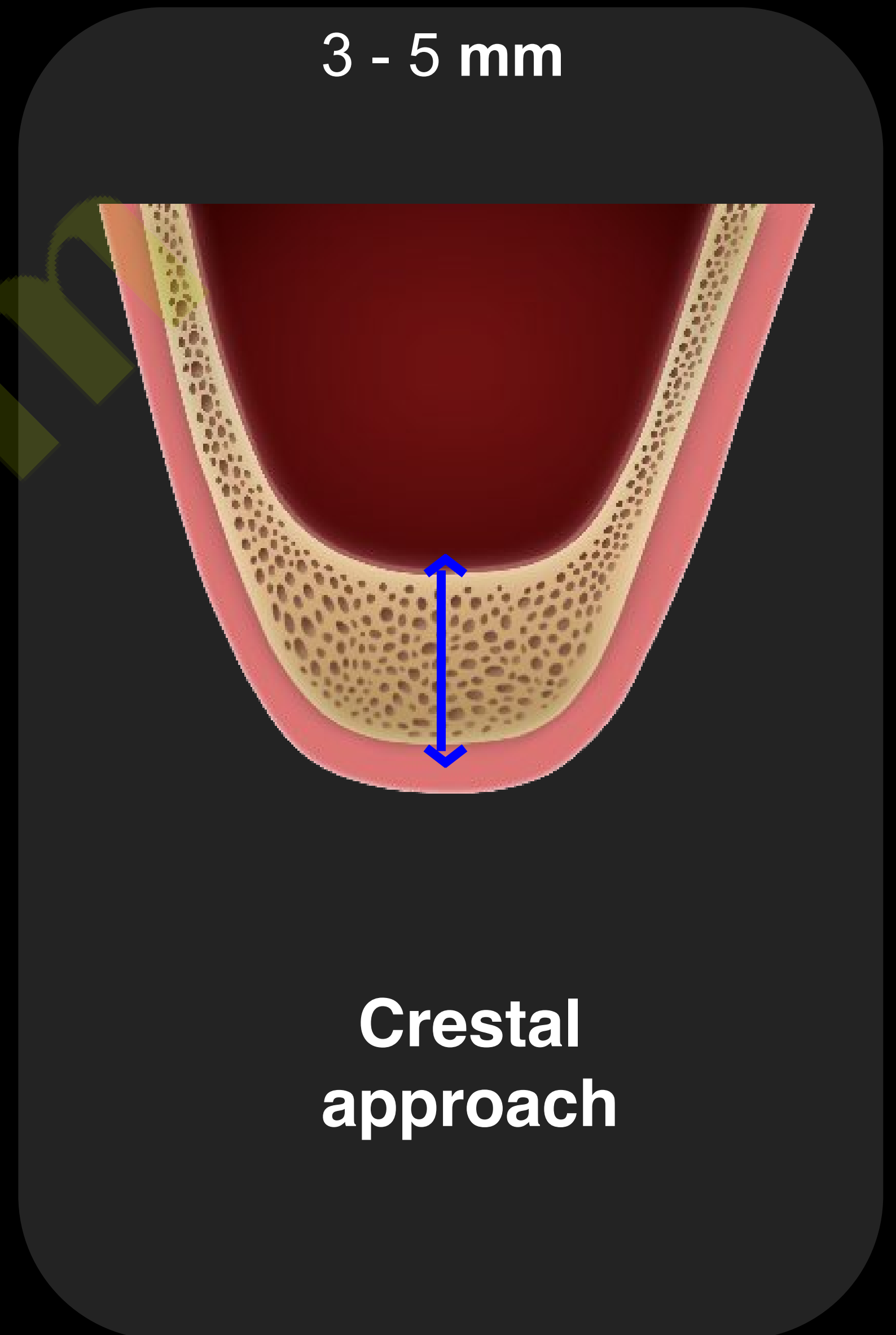
bright BL 2 (Ø4.5 X 9.0)

#16

Crestal approach with DASK Simple

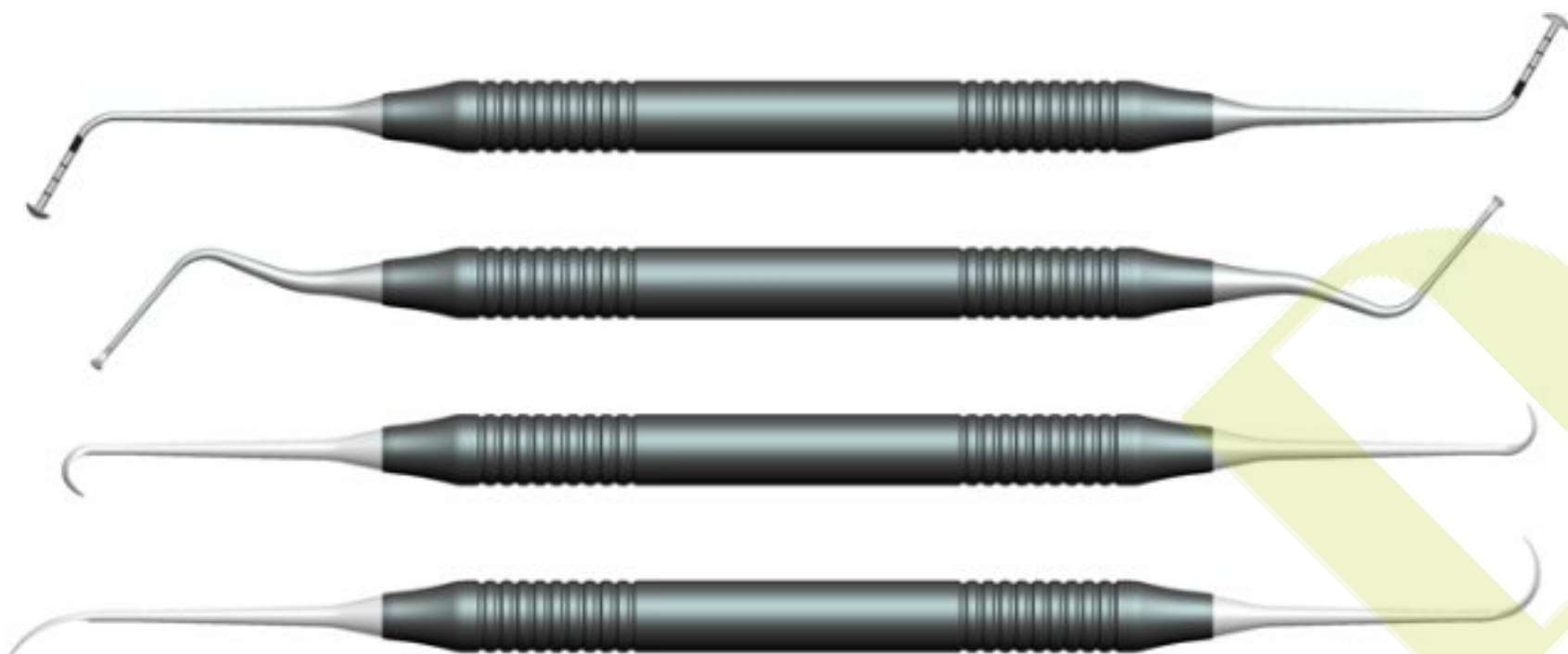
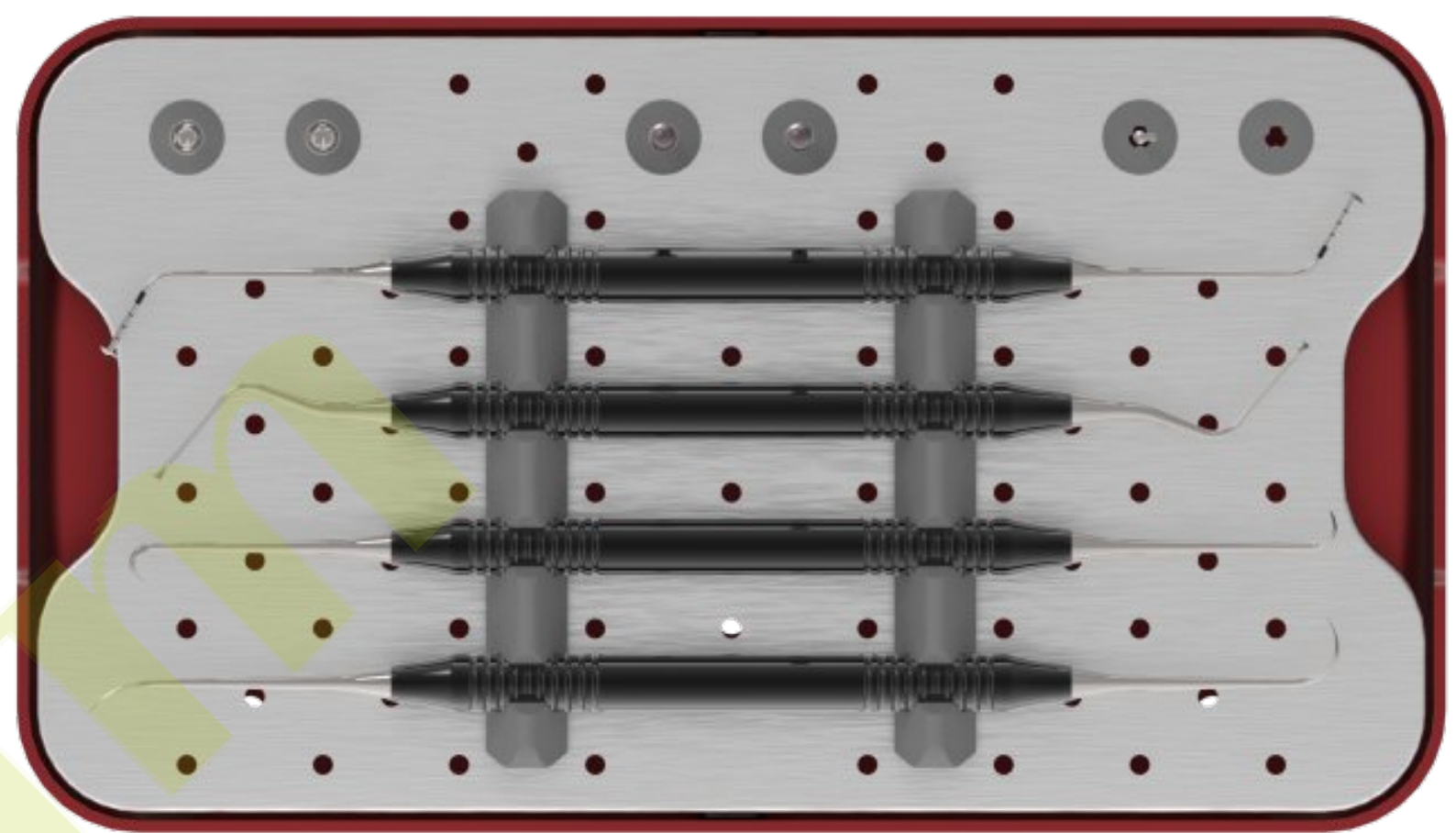
Crestal approach

:Remaining bone 3 to 5 mm



DASK *Simple*

Realization of Minimalism in Sinus

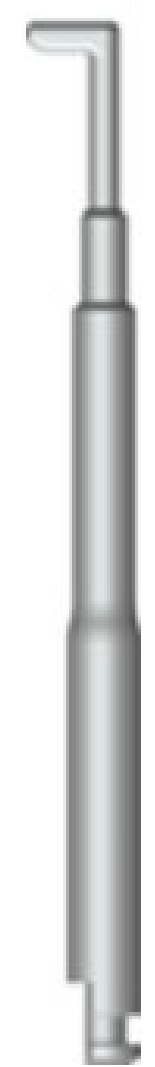


Sinus curette

Crestal Drill



Bone Spreader

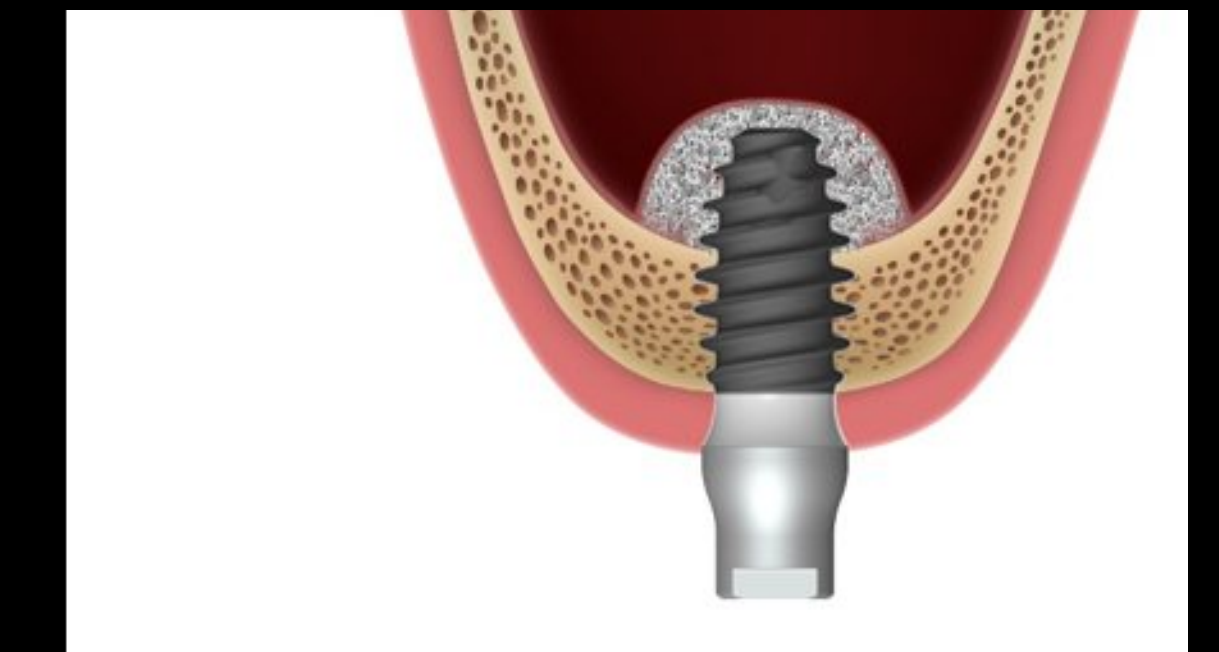
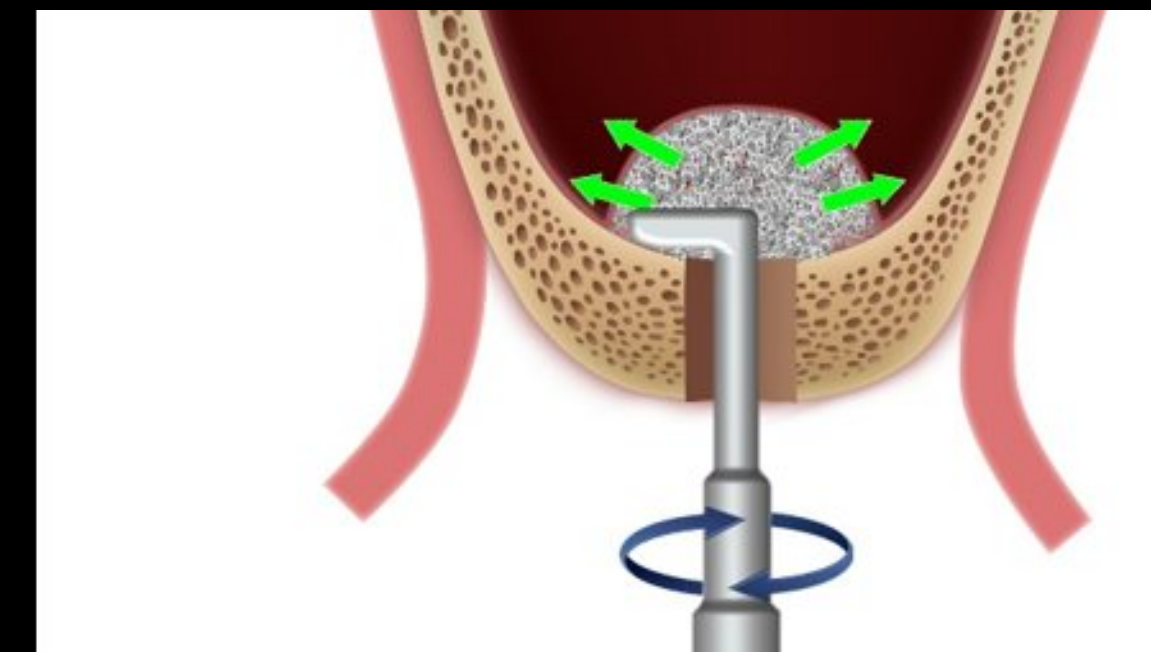
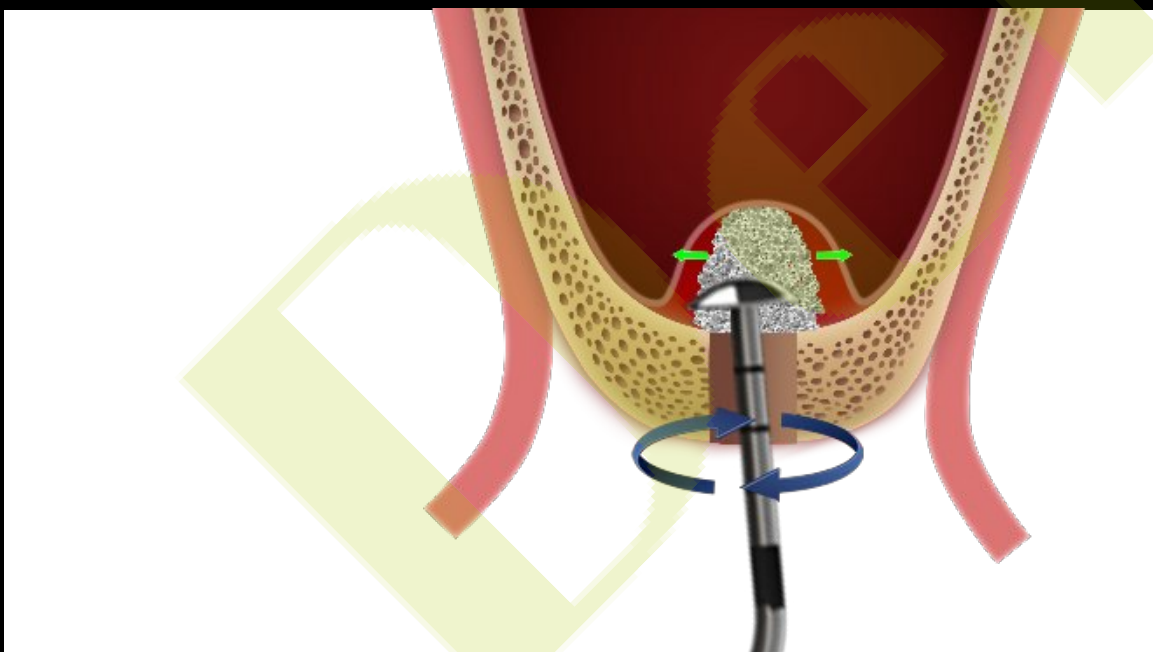
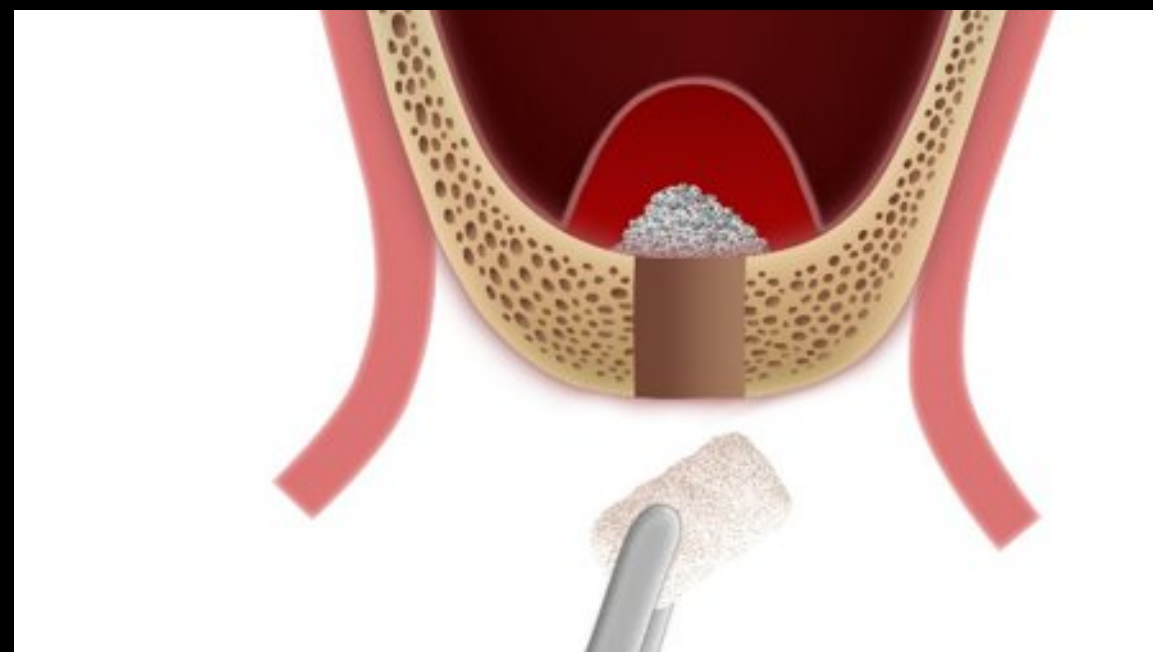
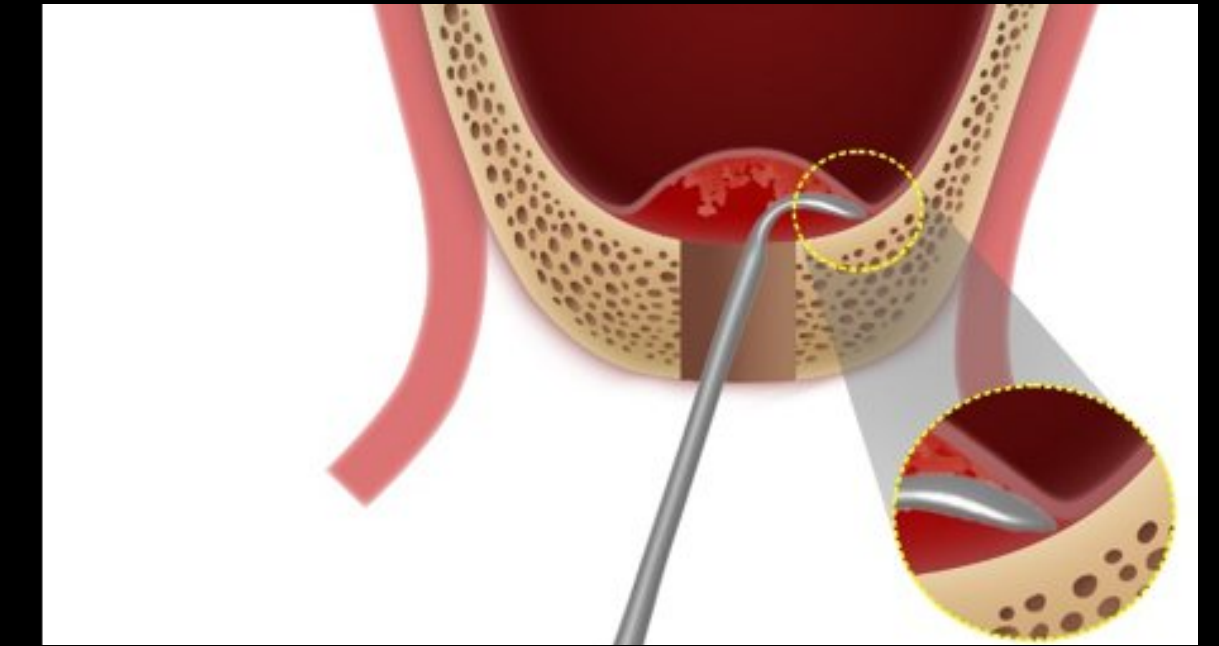
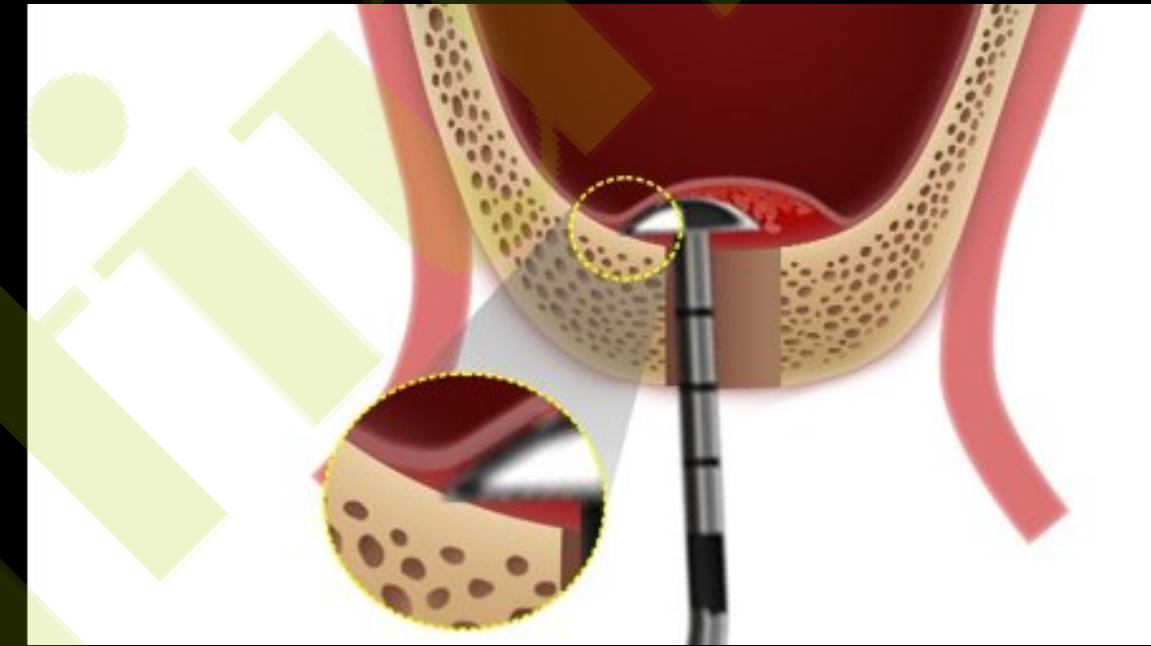
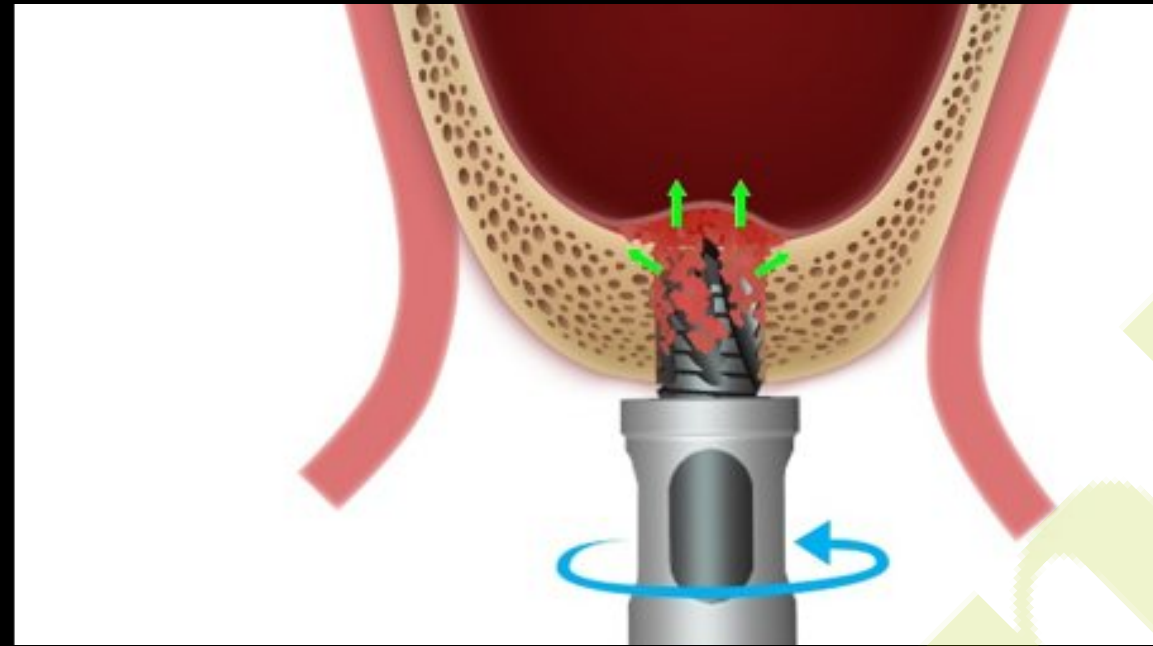
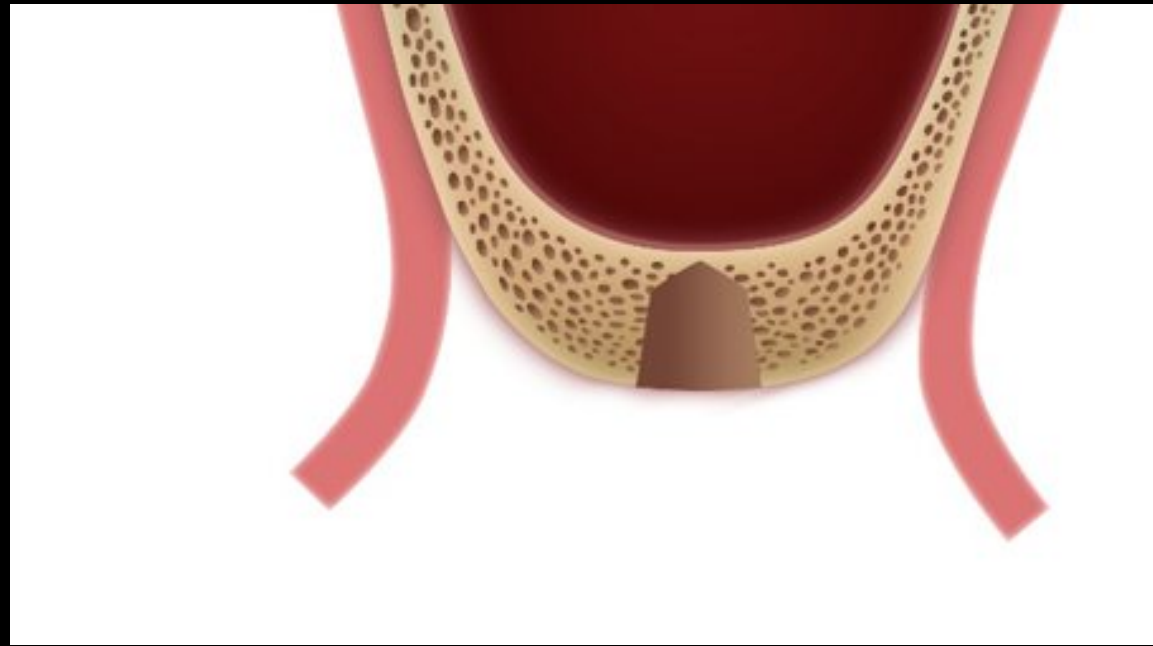
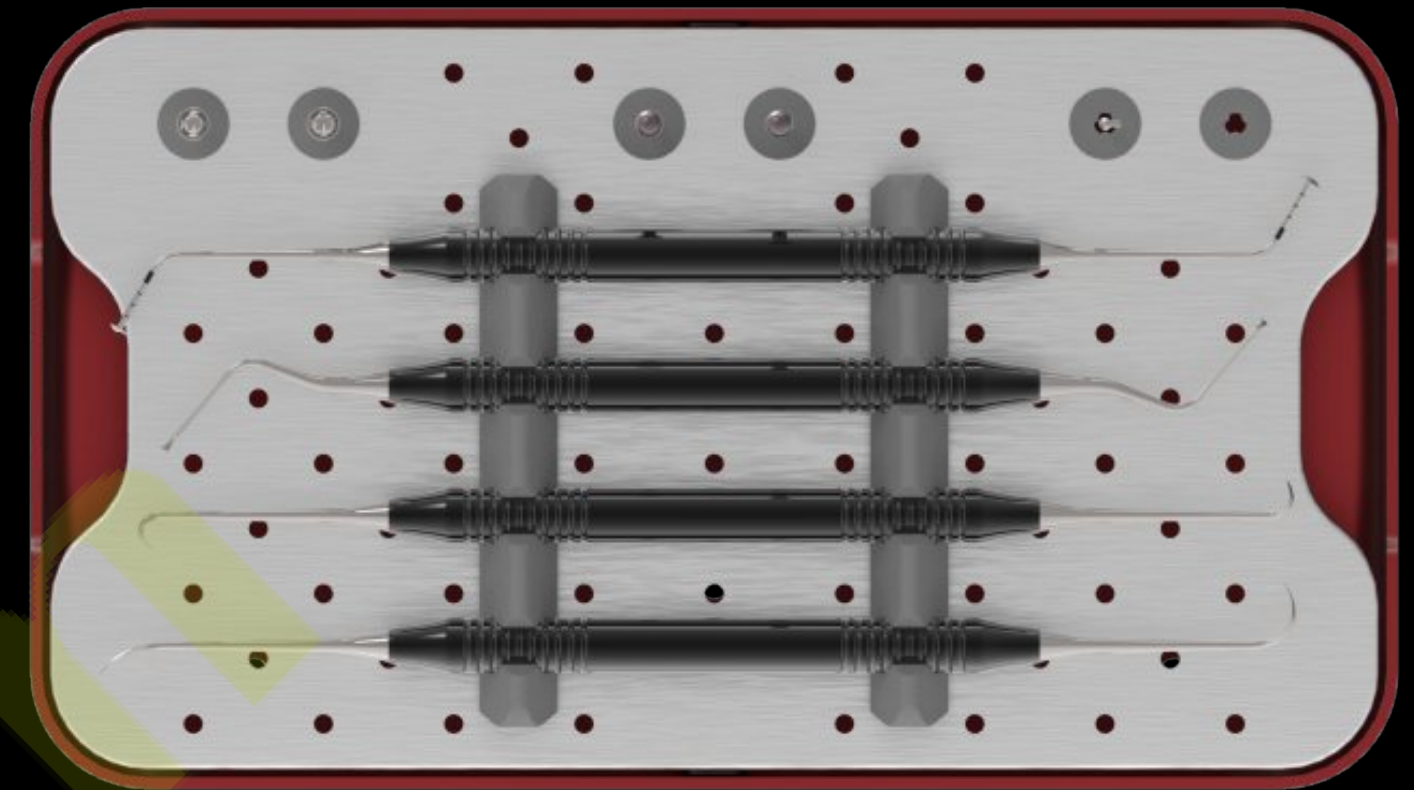


Lateral Drill



Dentium

Sinus Kit : DASK Simple



Initial drill

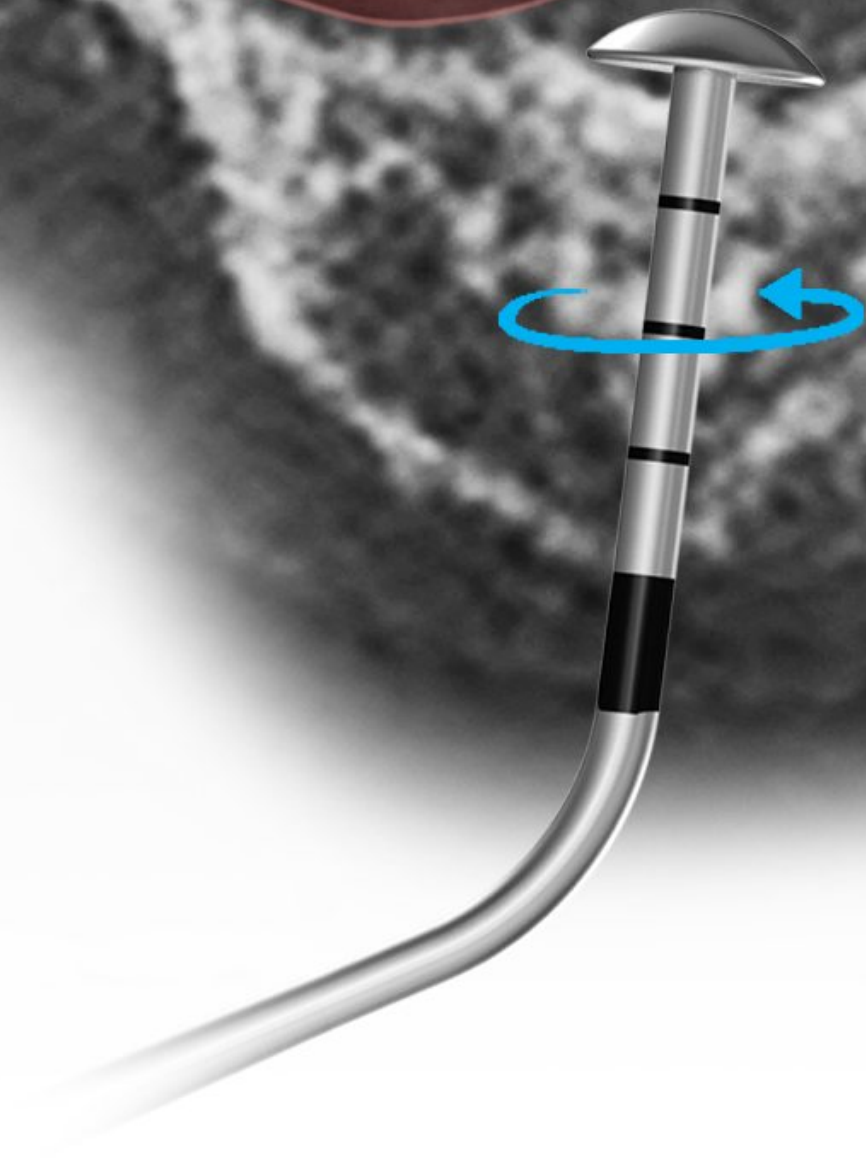


Crestal drill



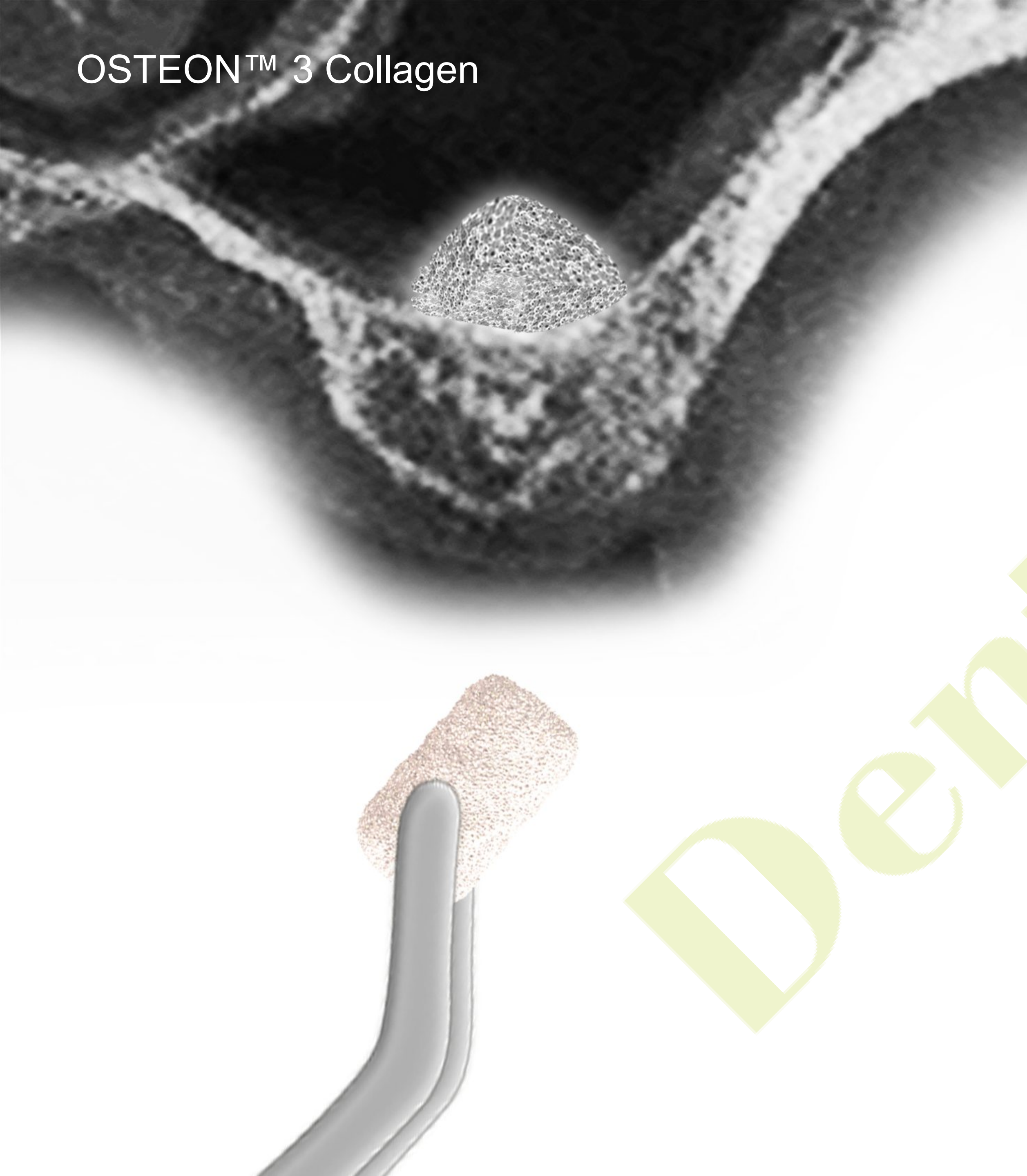
Dentium

Sinus Instrument

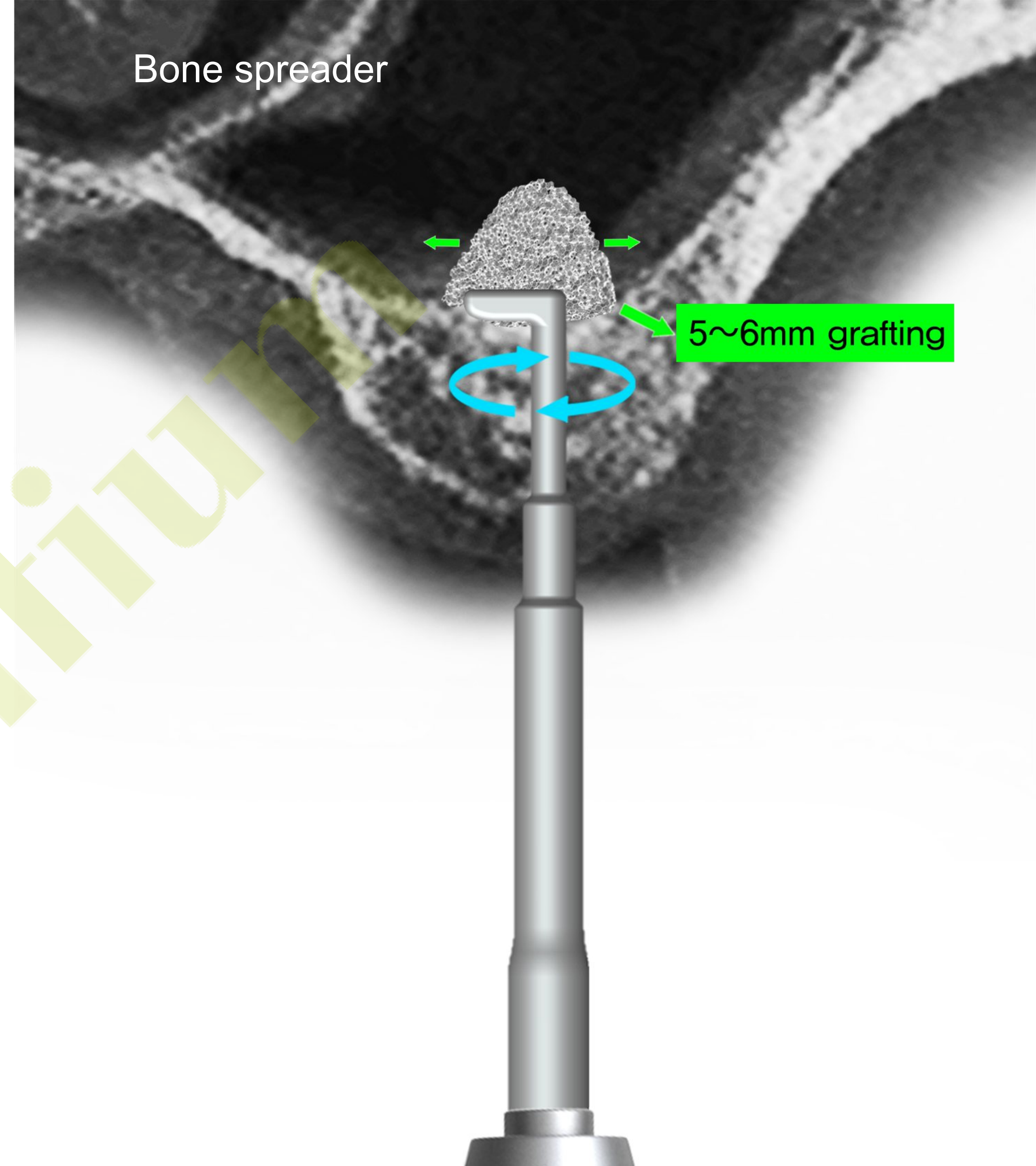


Dentium

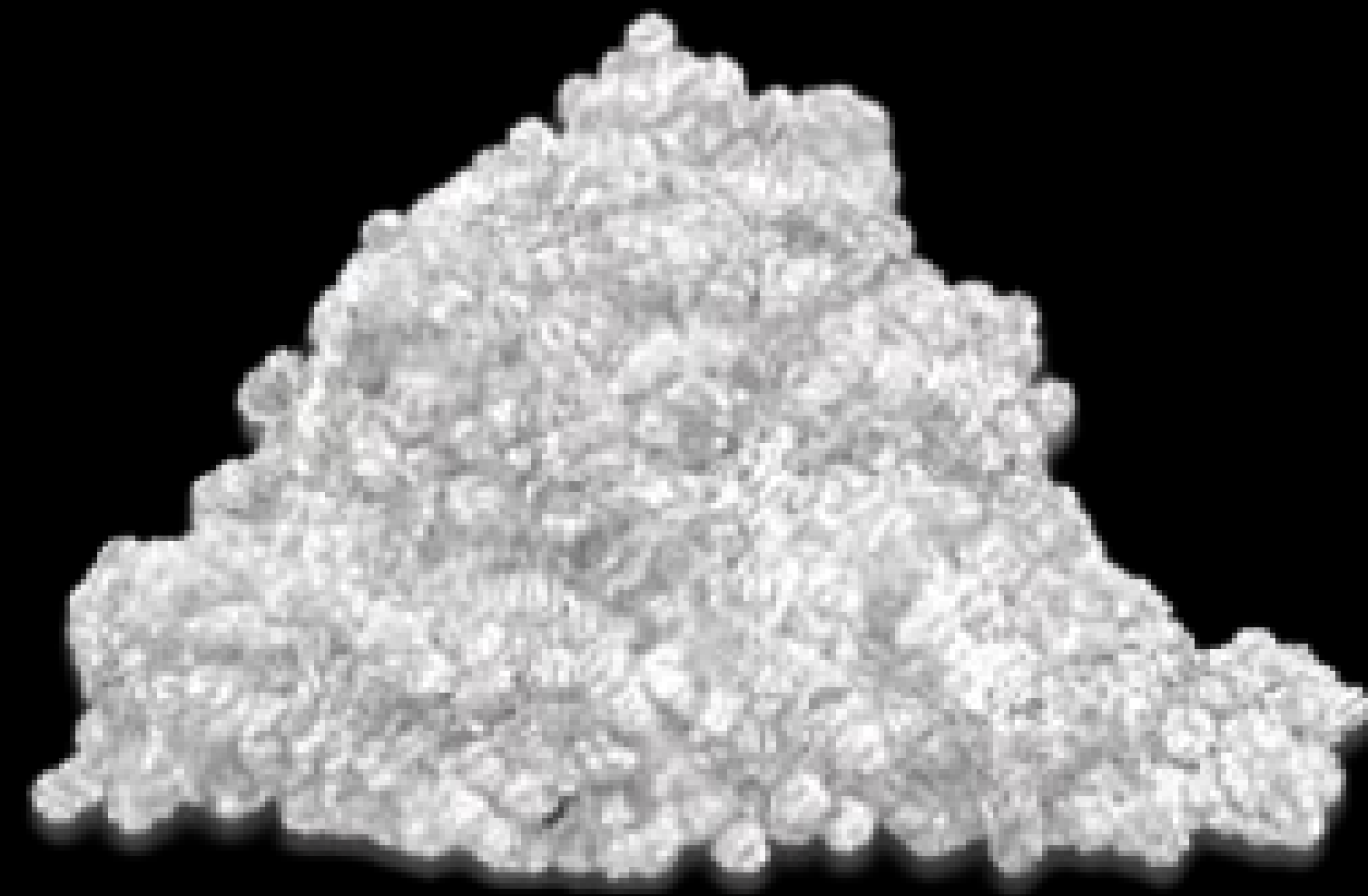
OSTEON™ 3 Collagen



Bone spreader



Particulate bone

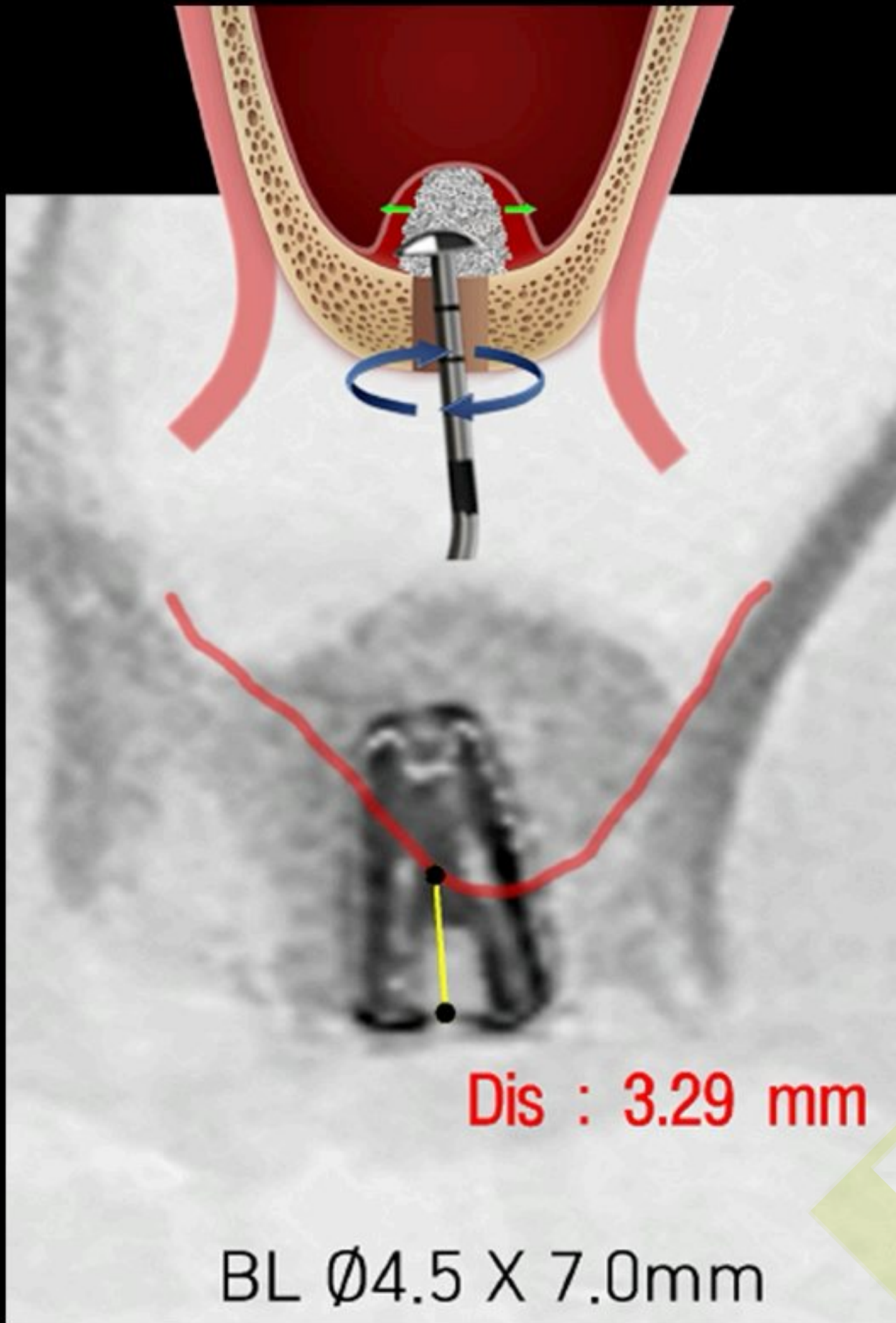


OSTEON™ 3

Collagen impregnated bone



OSTEON™ 3 Collagen



Hands-on guide

DASK *Simple*

Crestal approach

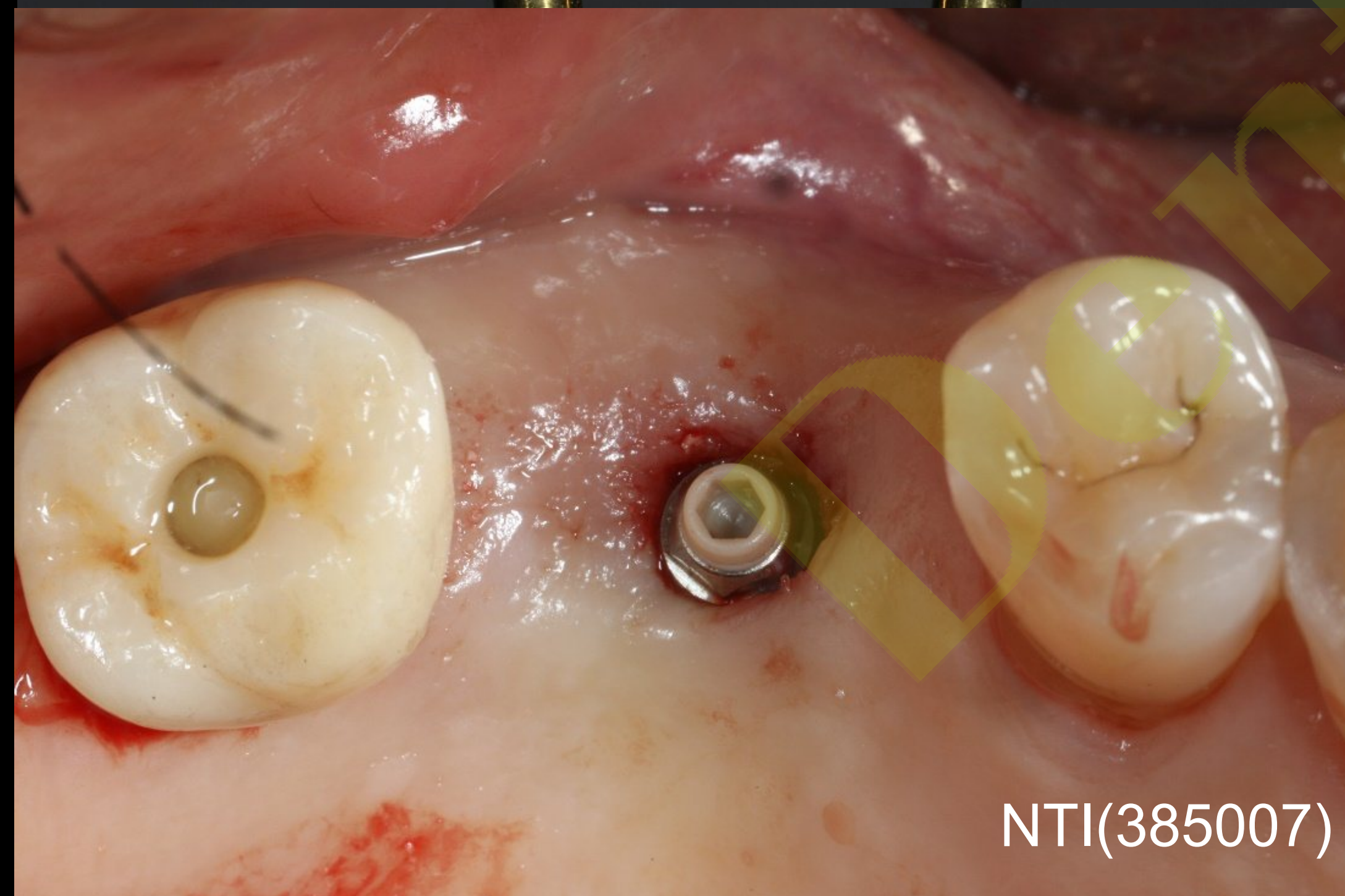
Pre-op (2022-03-22)



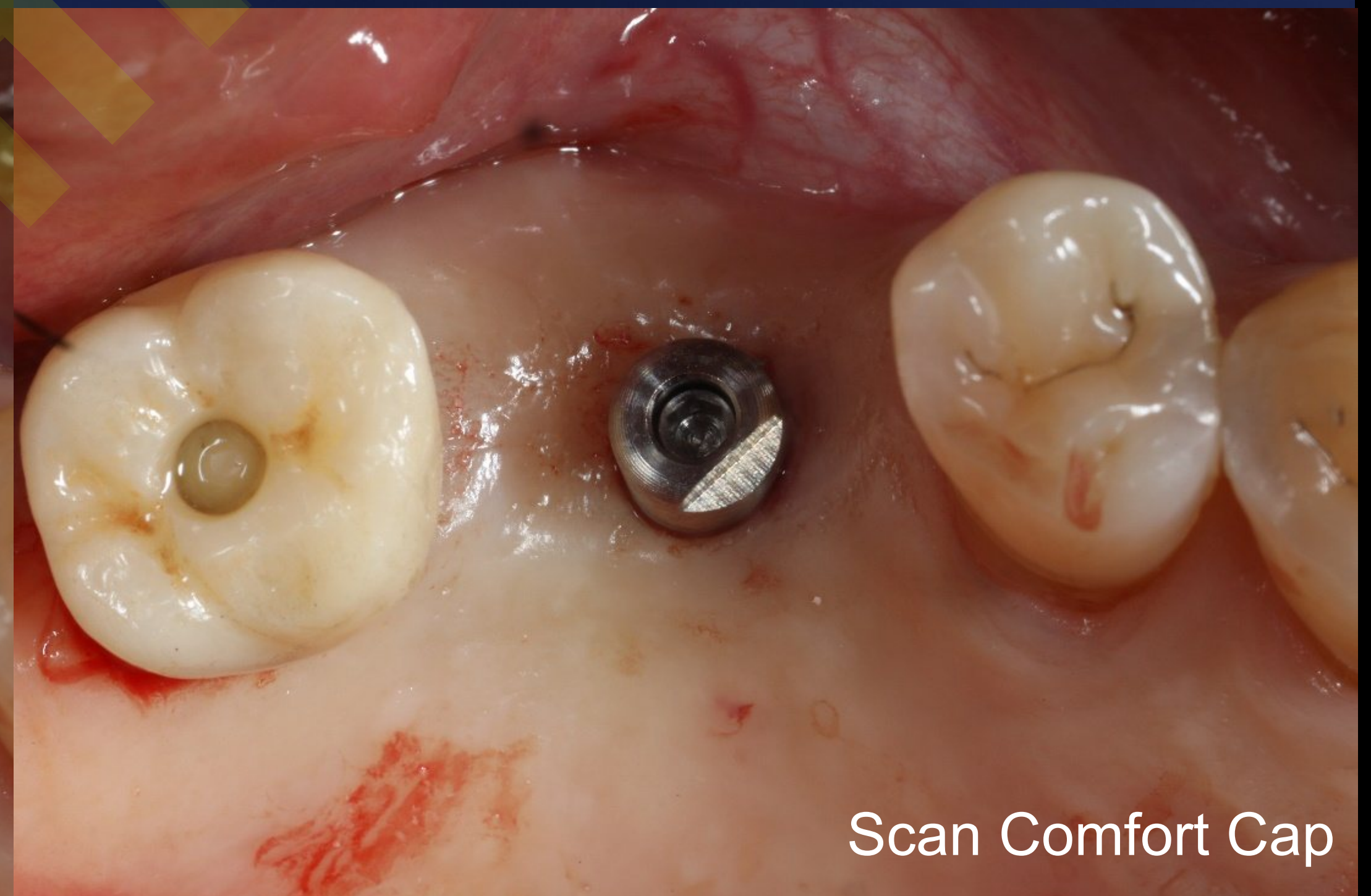
Surgery (2022-05-16)



DASK Crestal drill



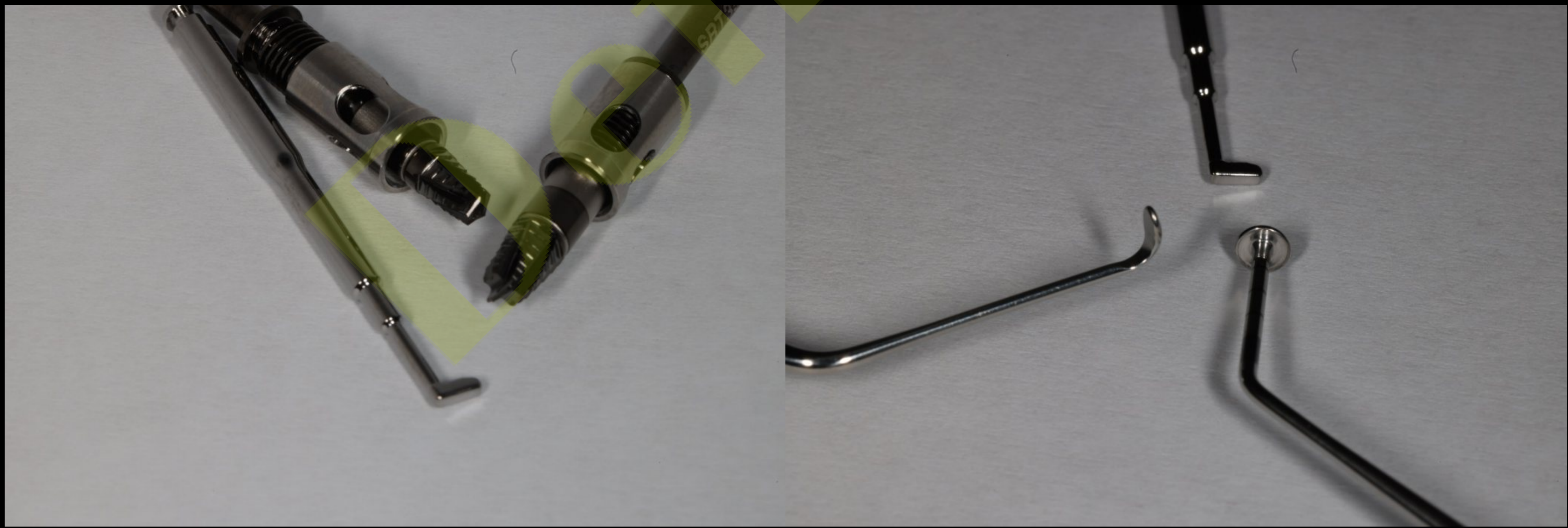
NTI(385007)



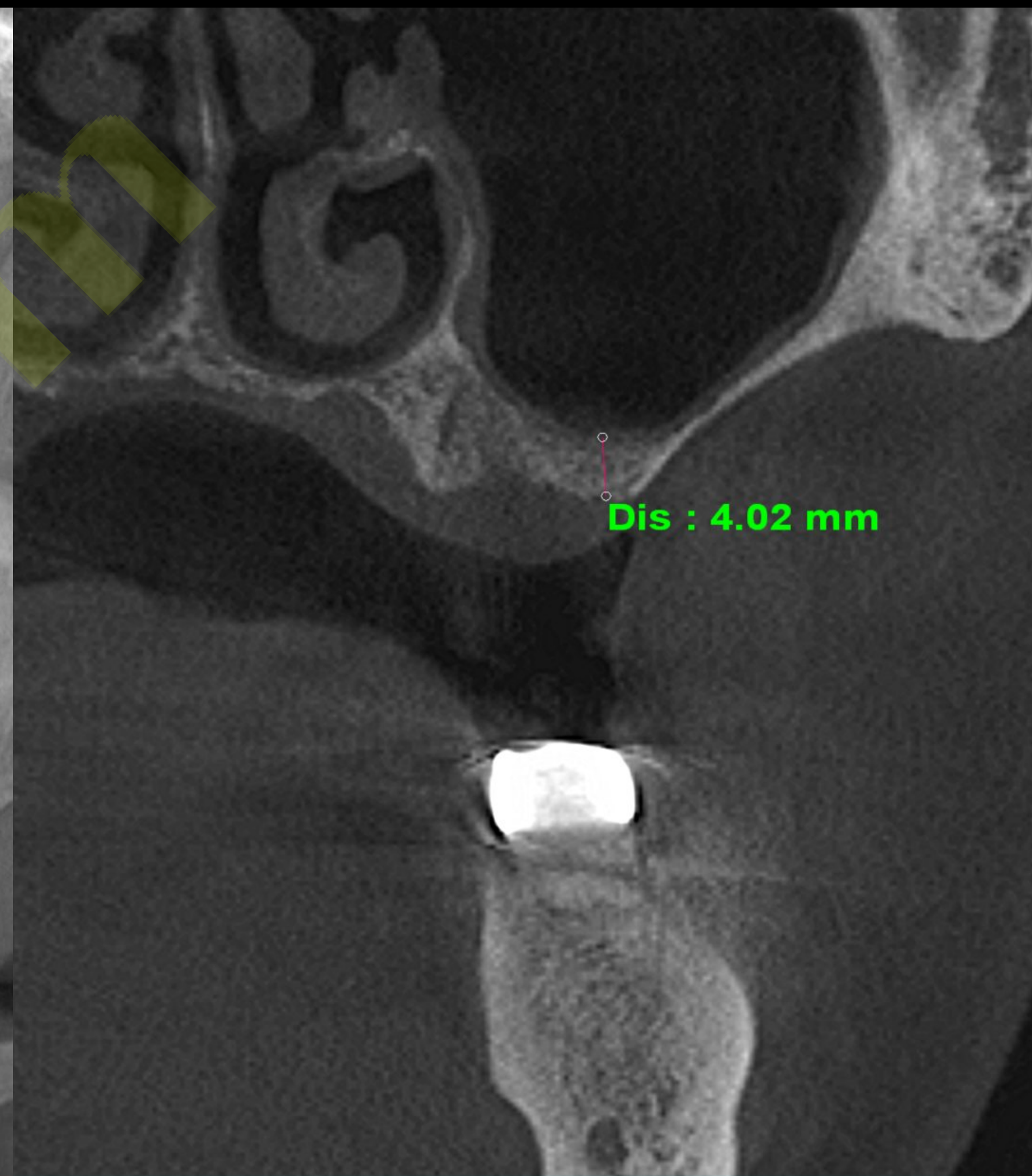
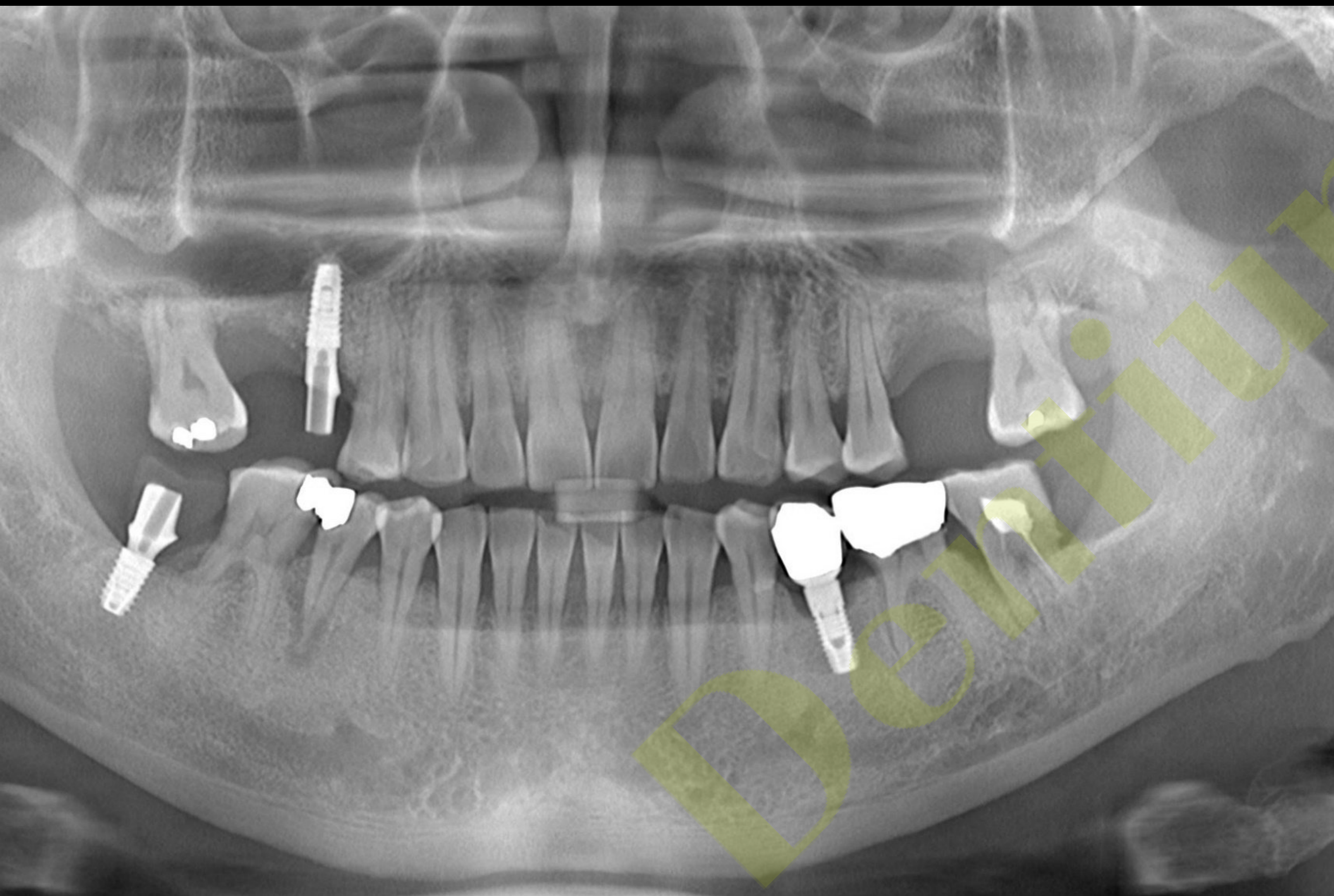
Scan Comfort Cap

Post-op (2022-05-16)

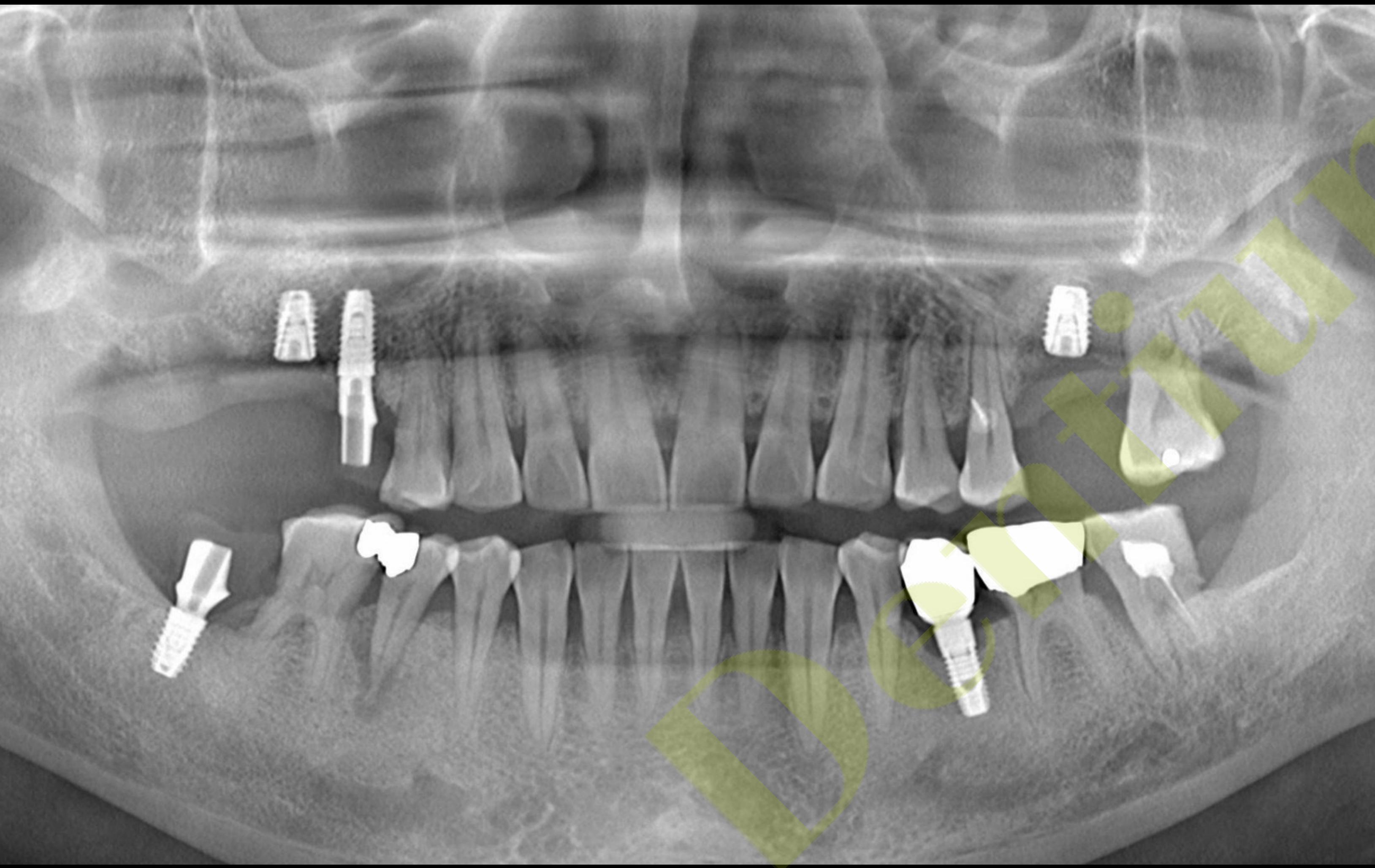




Pre-op (2020-04-29)



Post-op (2020-07-16)



Final prosthesis (2021-02-19)



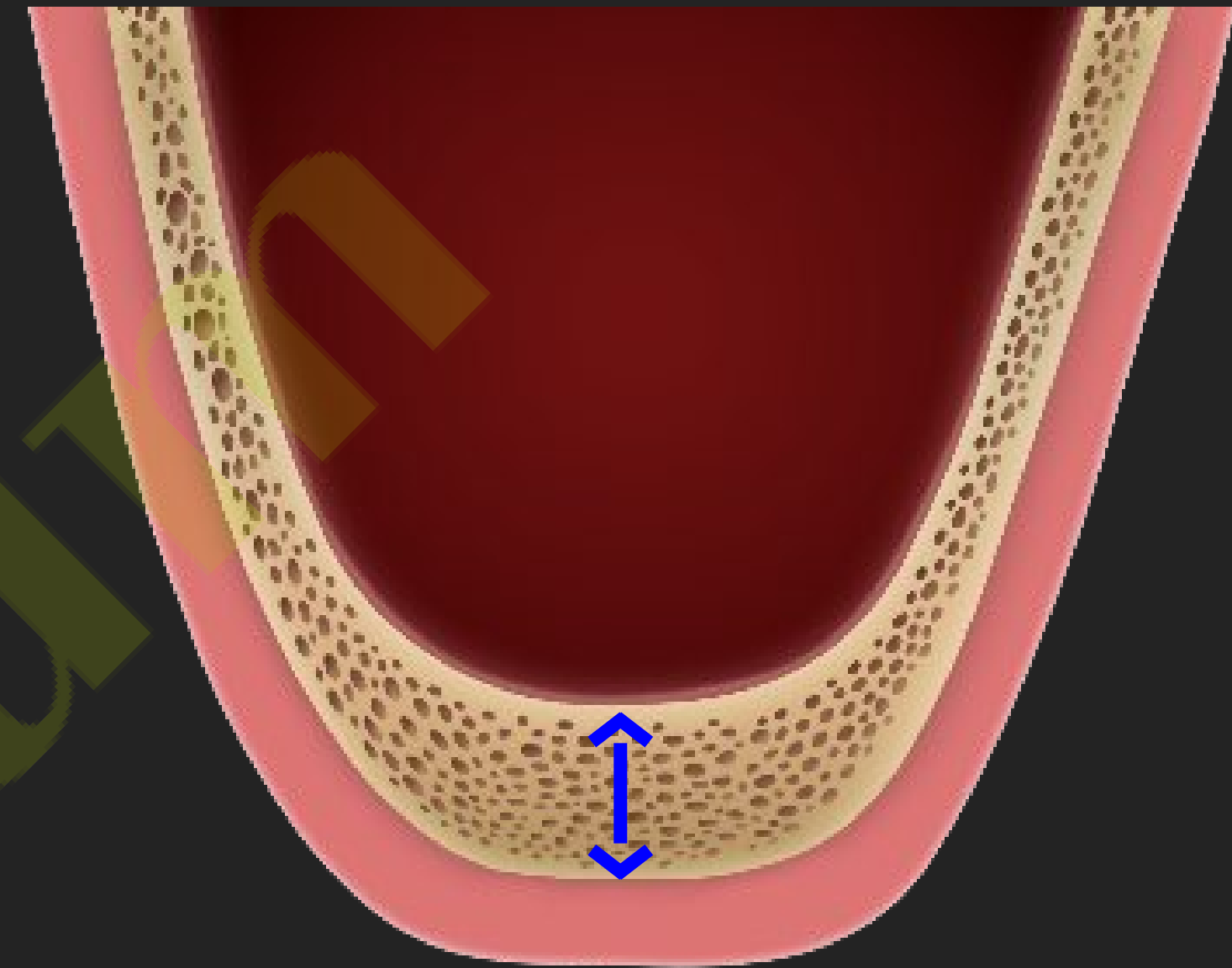
Follow up : 1 year 6 months (2022-08-08)



Lateral approach with DASK Simple

Lateral approach

:Remaining bone 1~3 mm

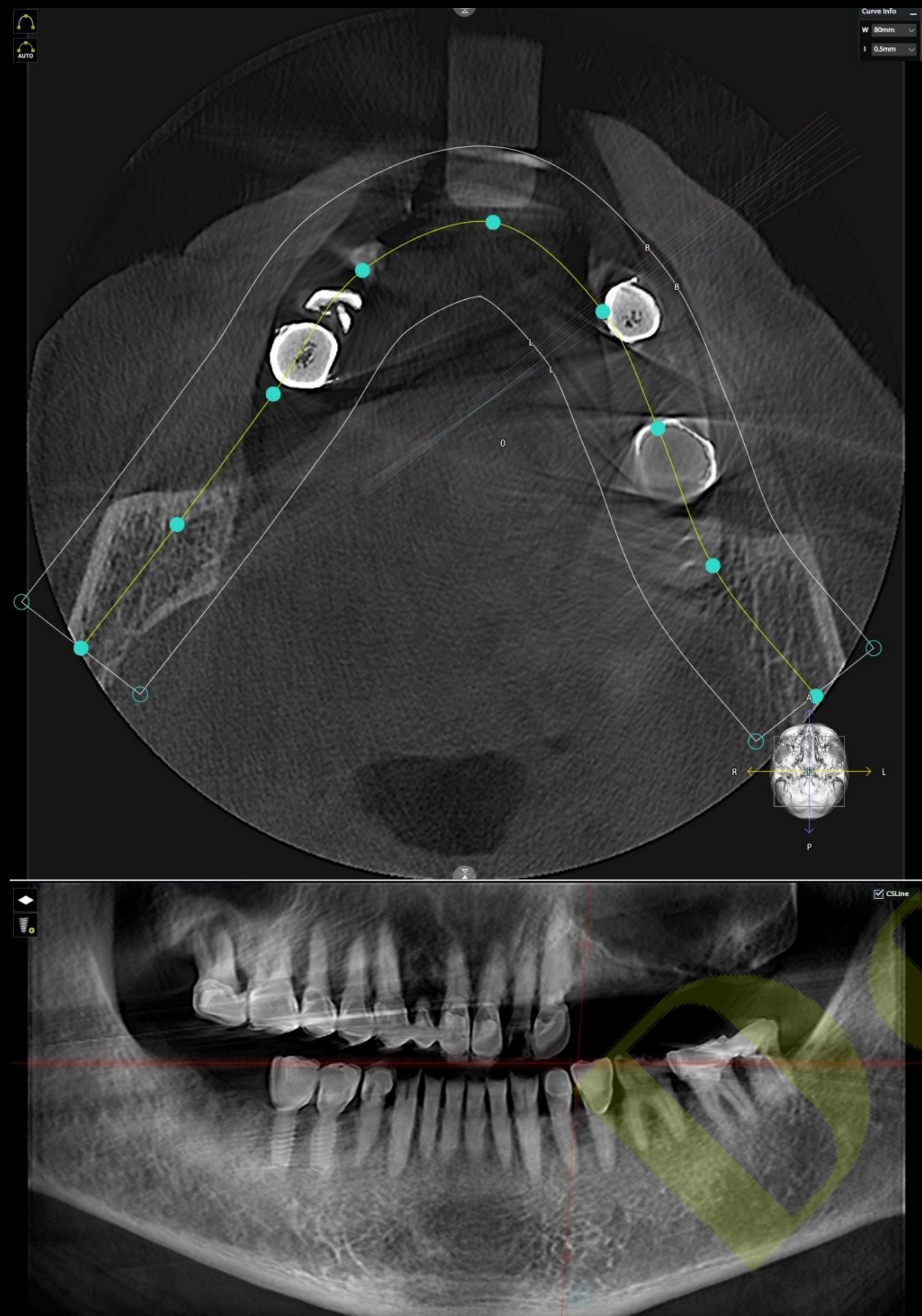


Lateral approach

Pre-op (2022-05-11)



#24 Pre-op CT (2022-05-11)

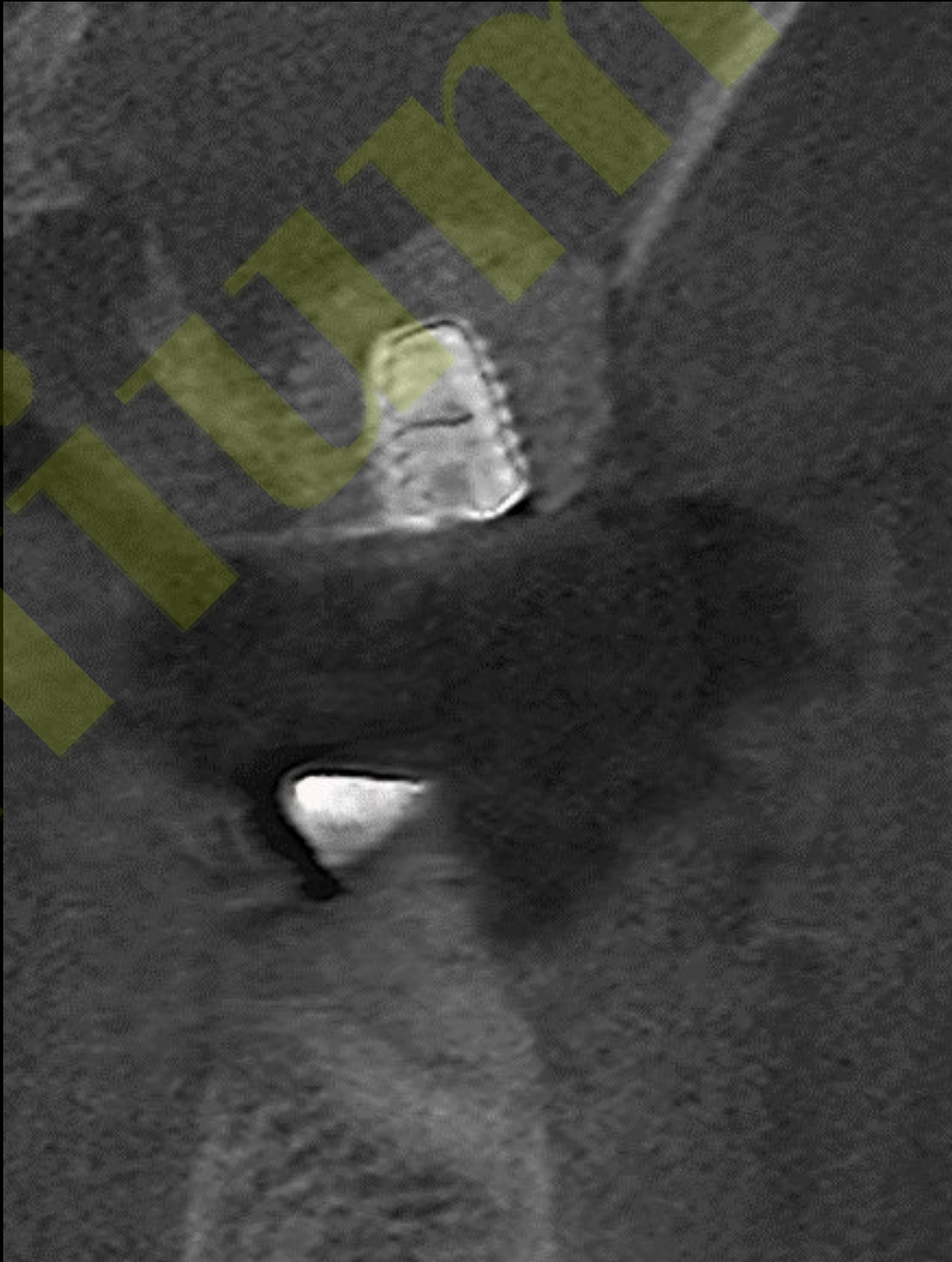


#26 Pre-op CT (2022-05-11)





#24

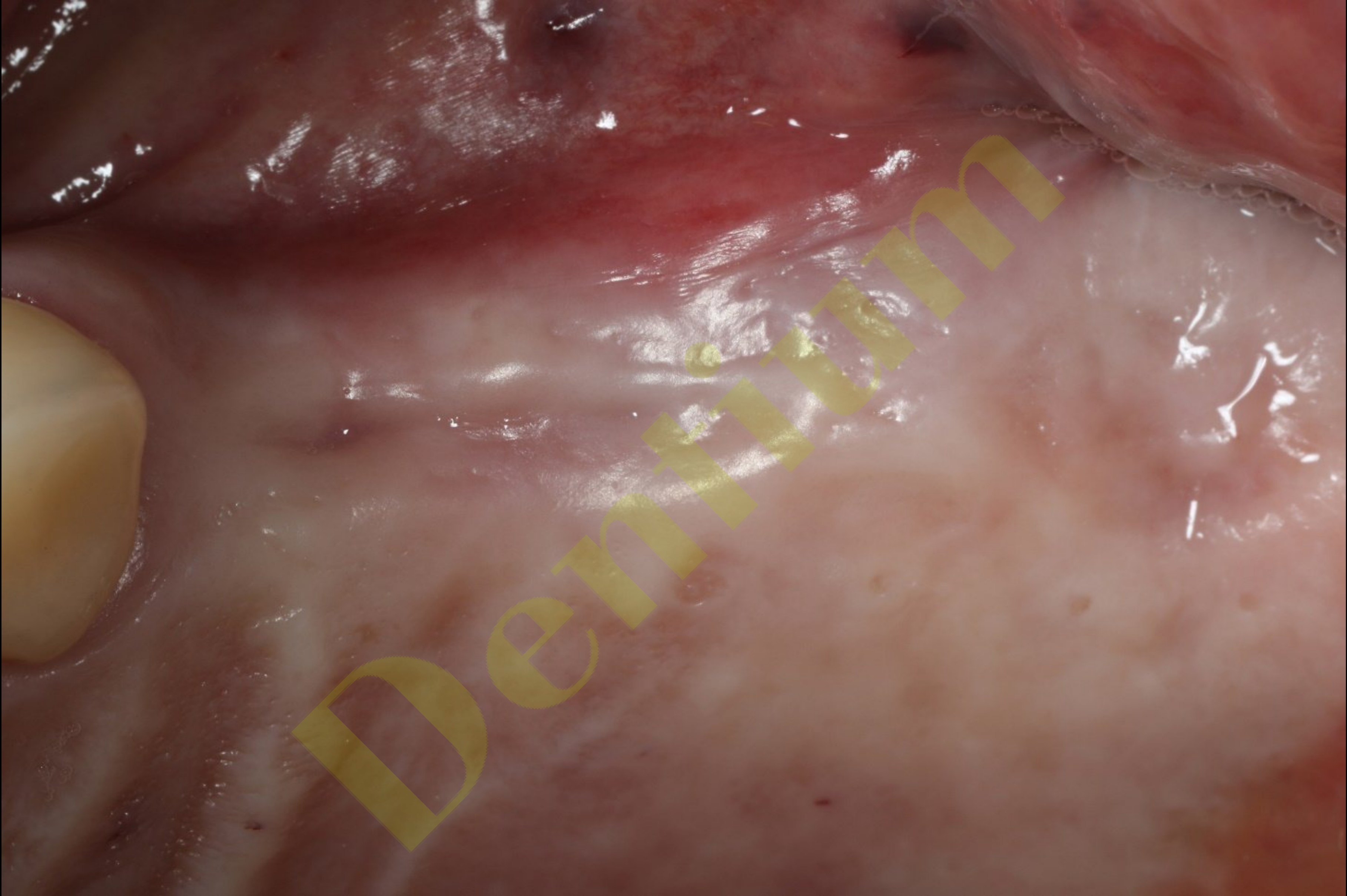


#26

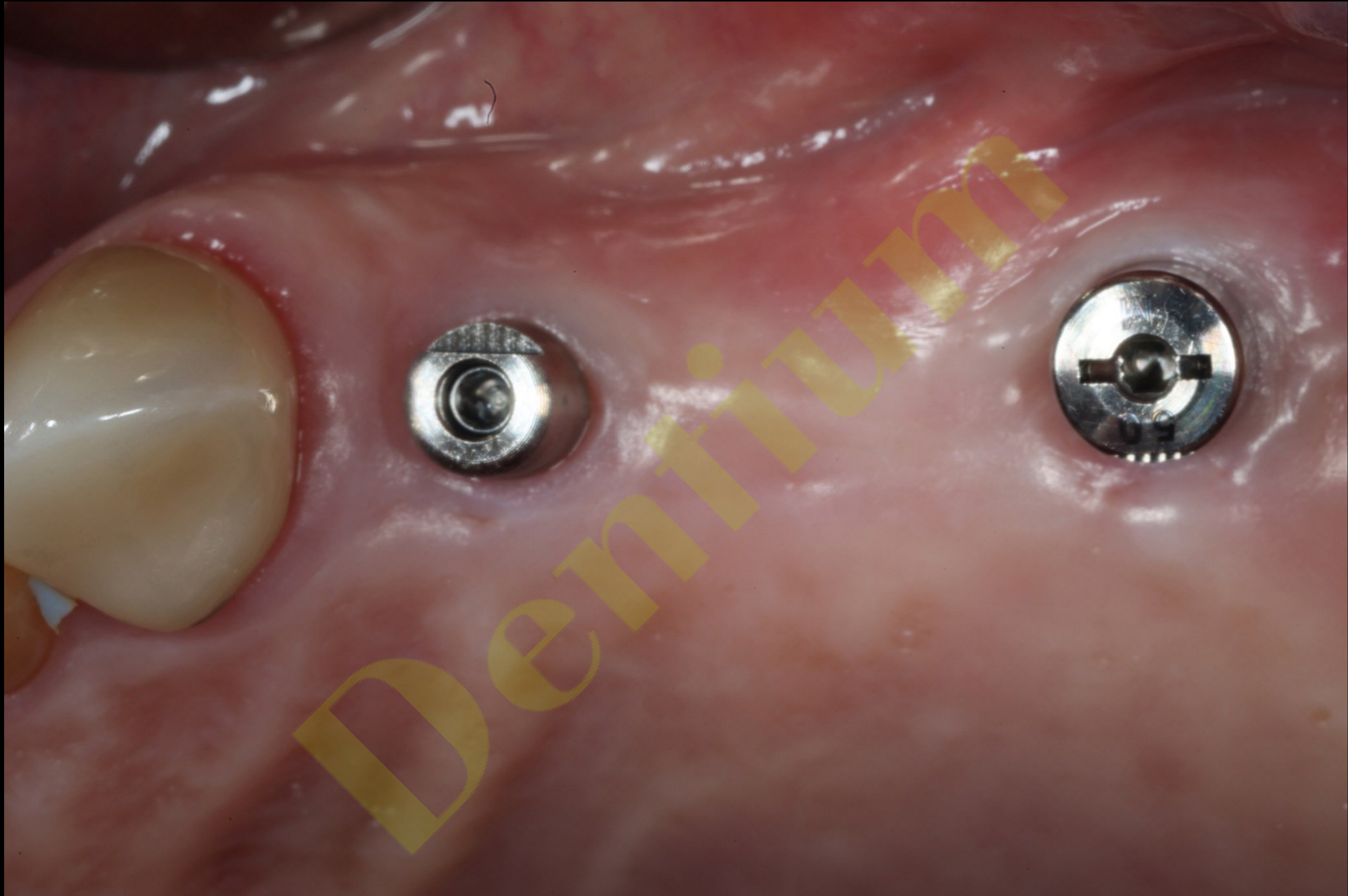
Post-op (2022-05-18)



Pre-op (2022-05-11)

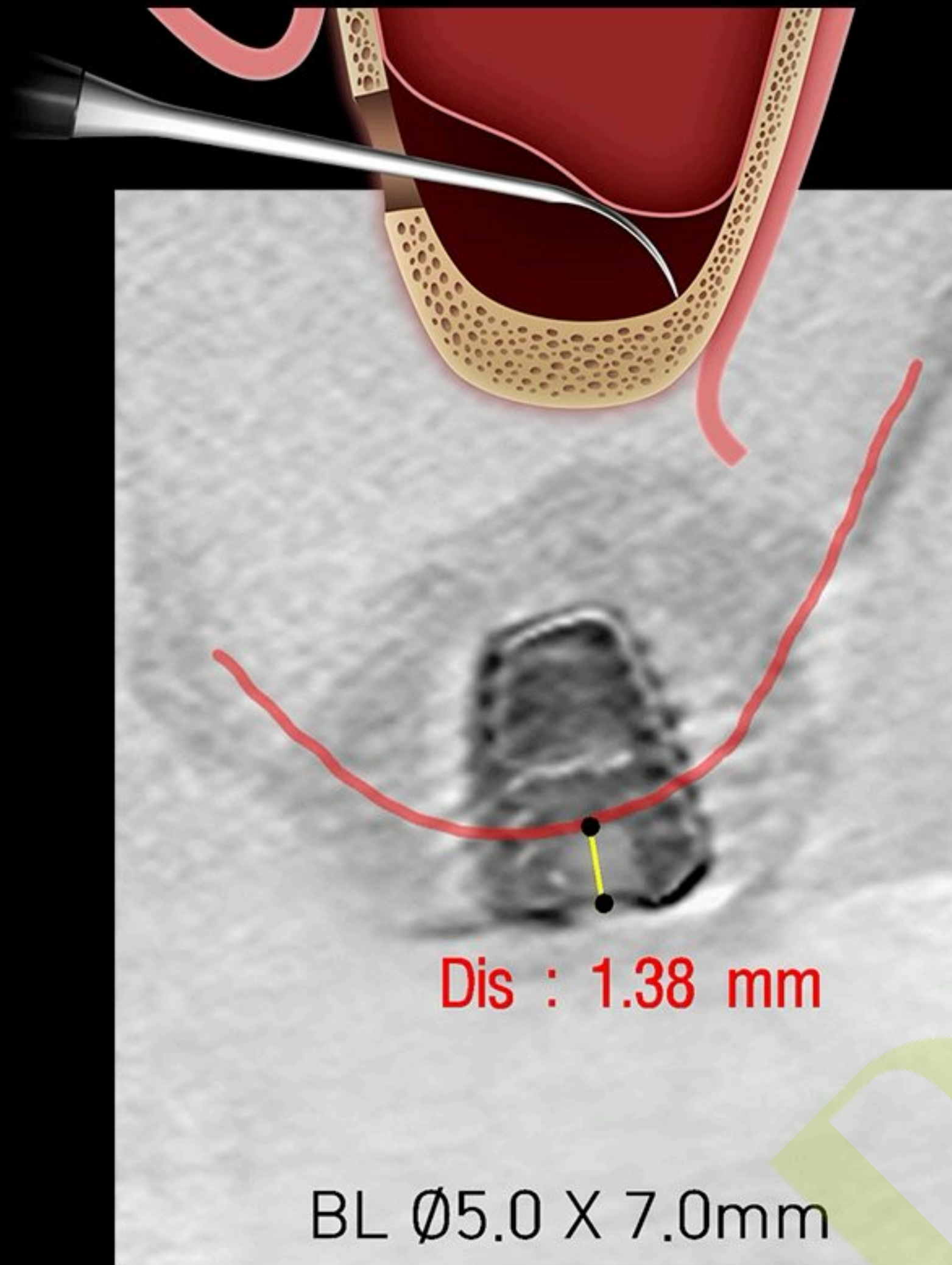


Final impression (2023-02-02)



Final prosthesis (2023-02-16)





Hands-on guide

DASK *Simple*

Lateral approach



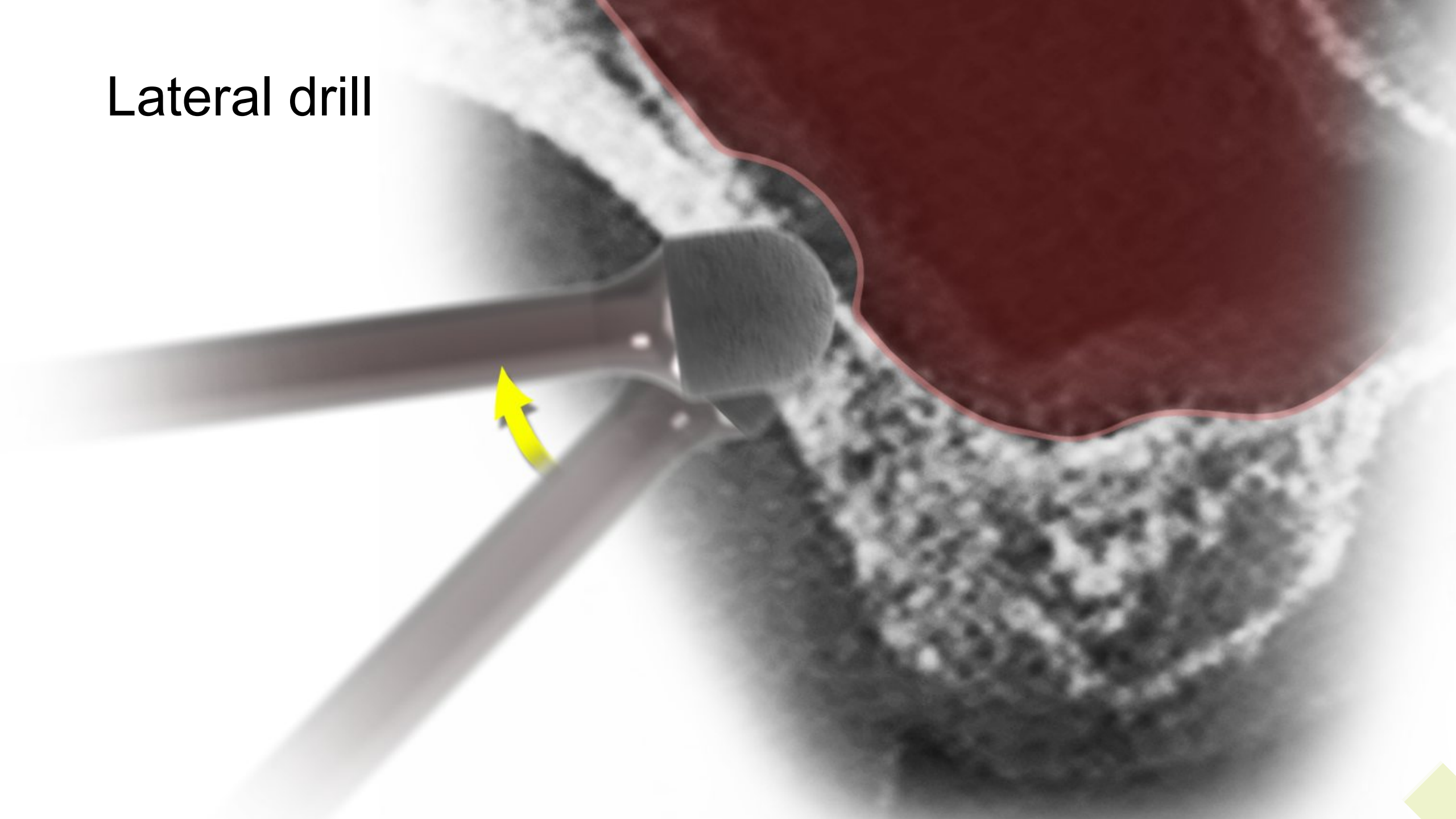


Lateral drill

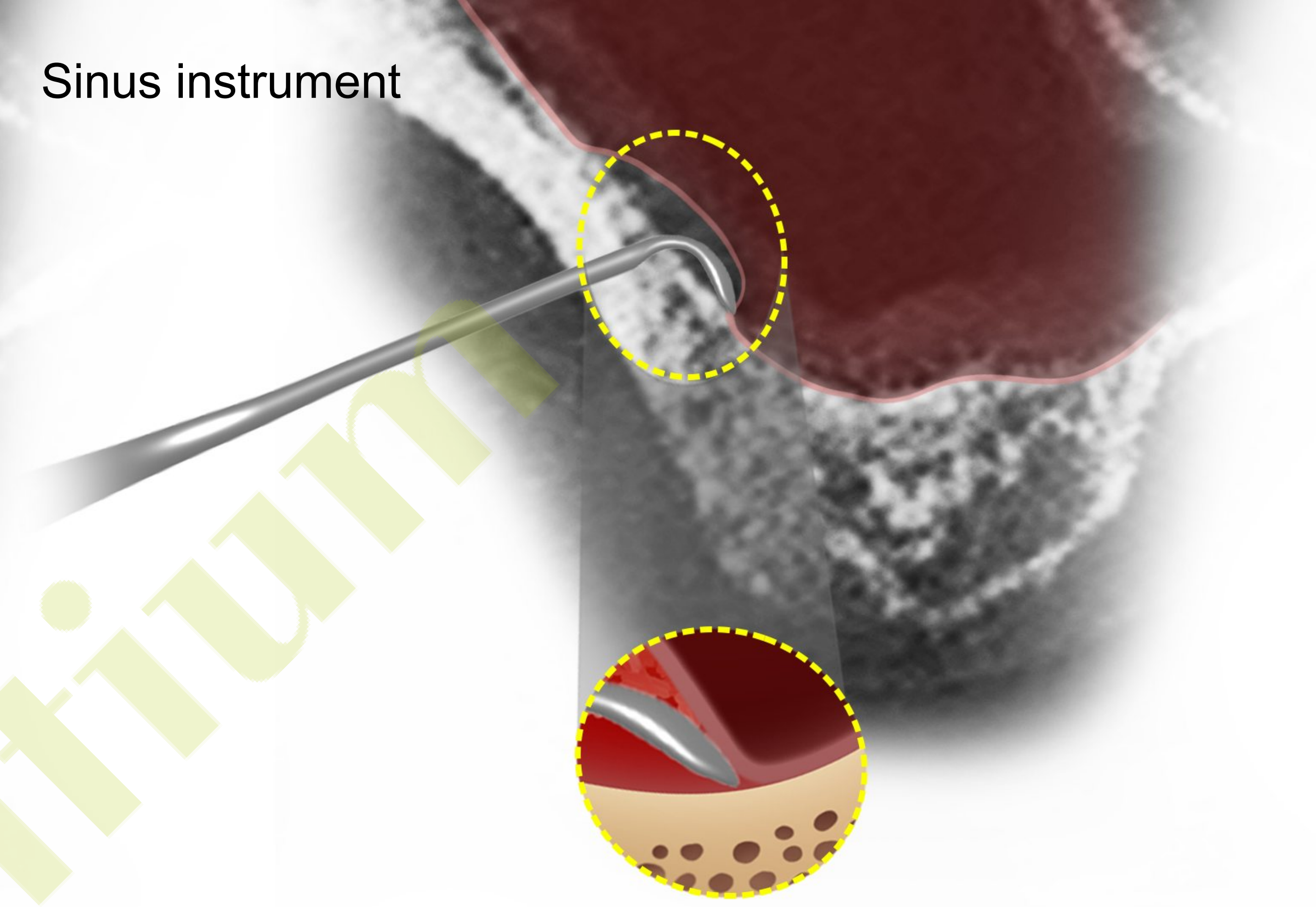
Sinus instrument

Dentitium

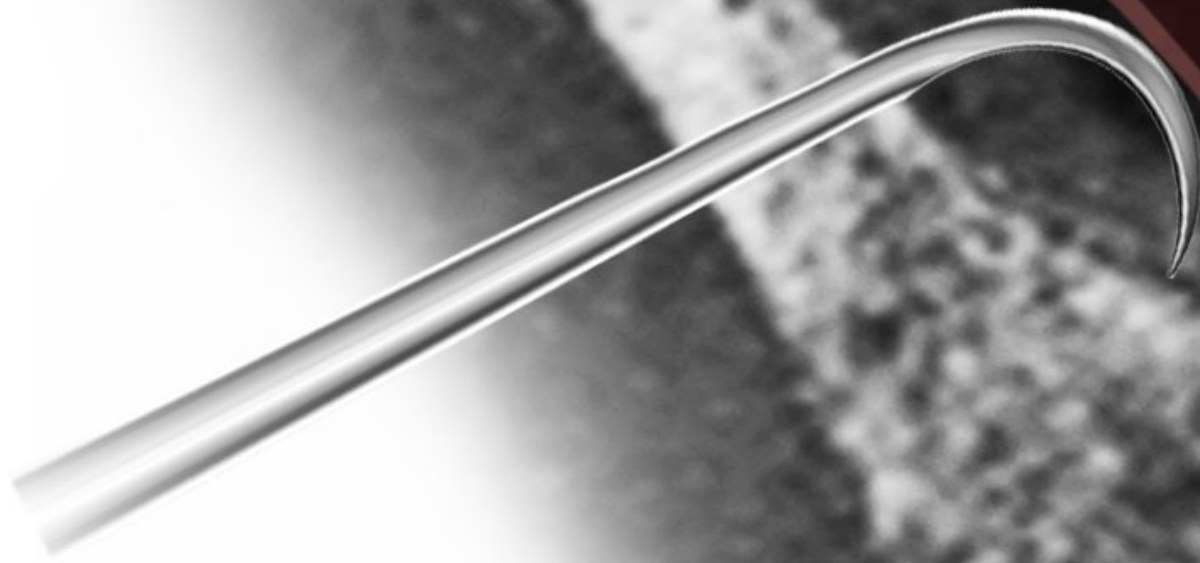
Lateral drill



Sinus instrument



Sinus instrument



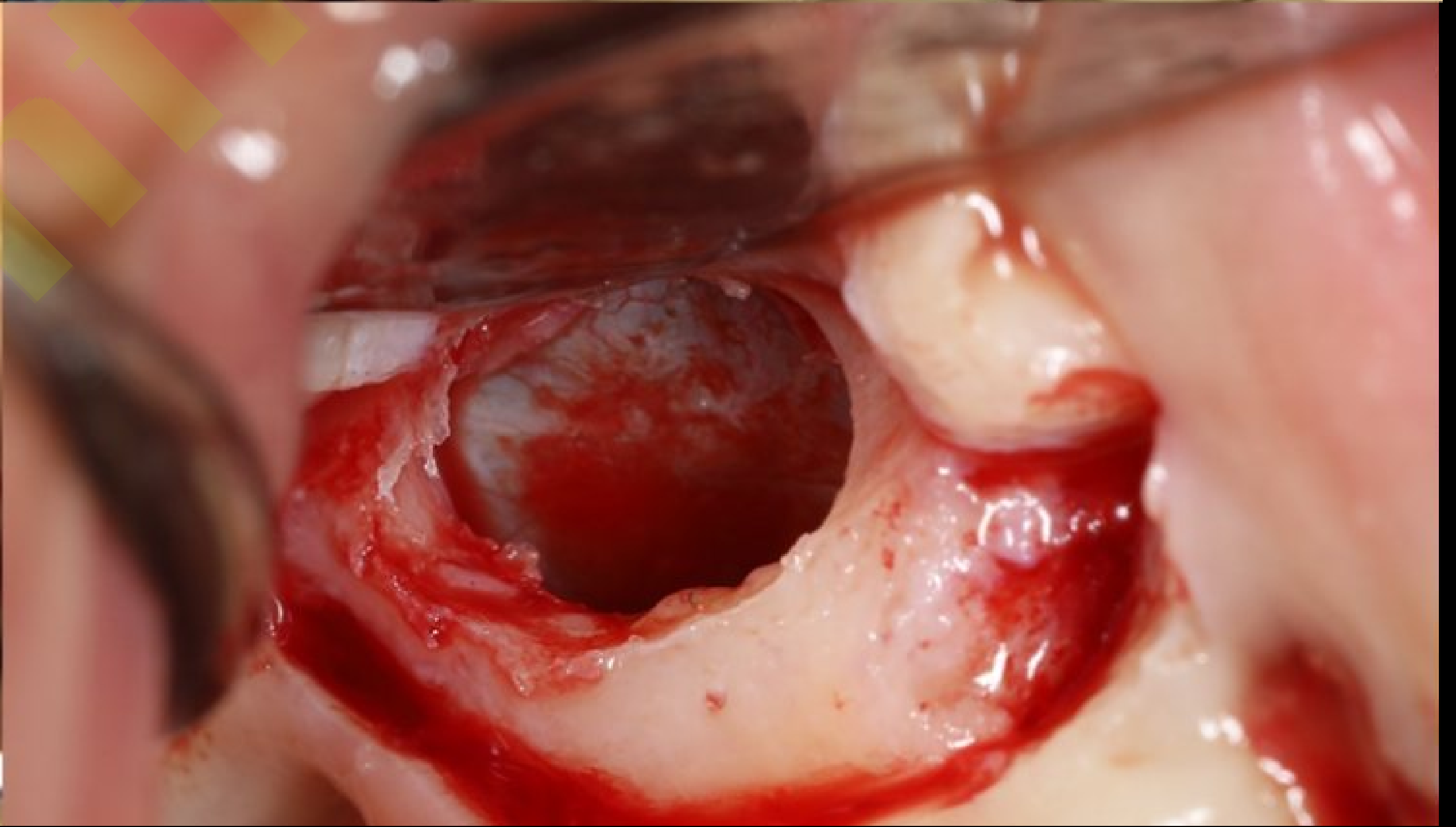
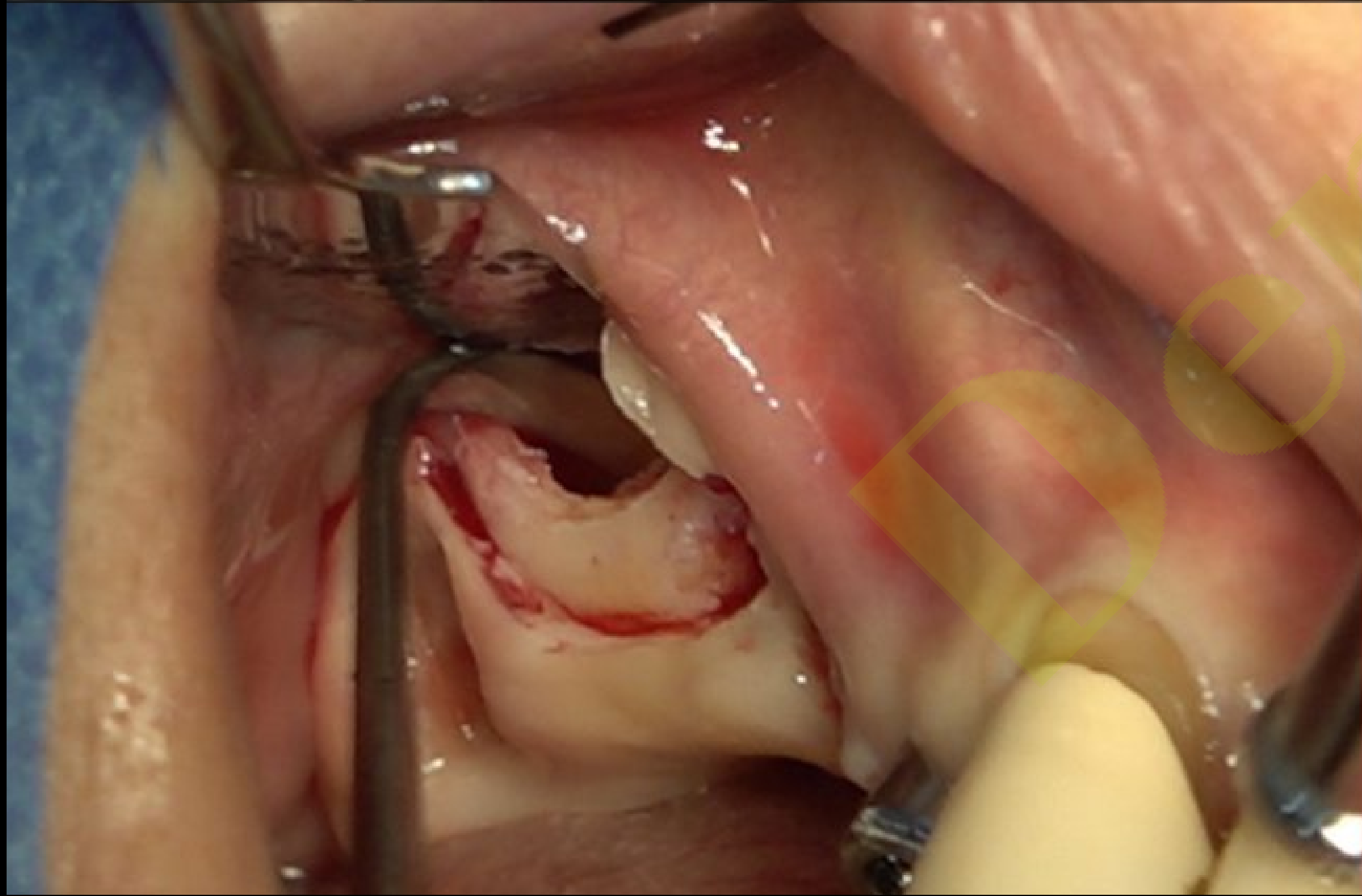
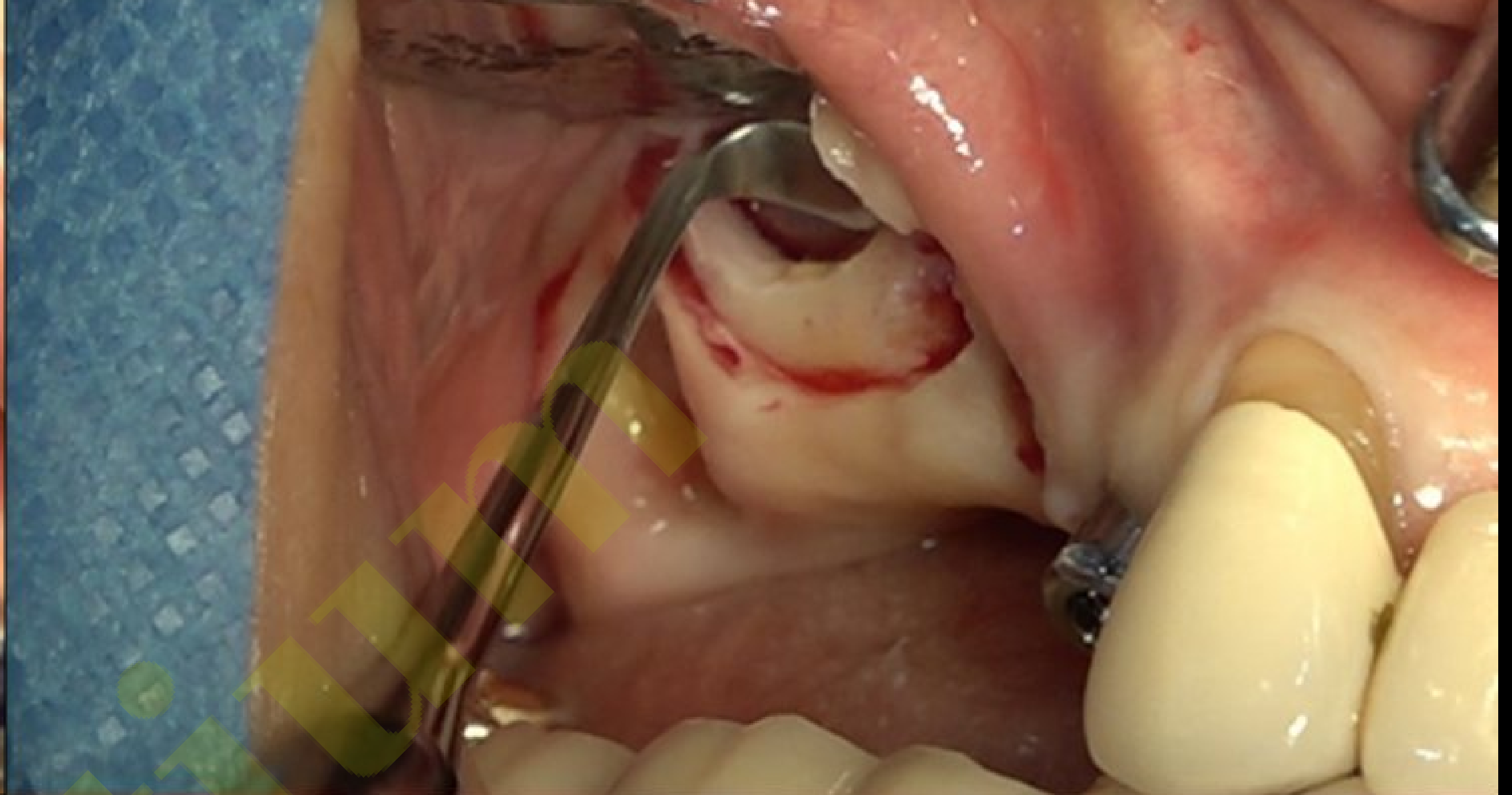
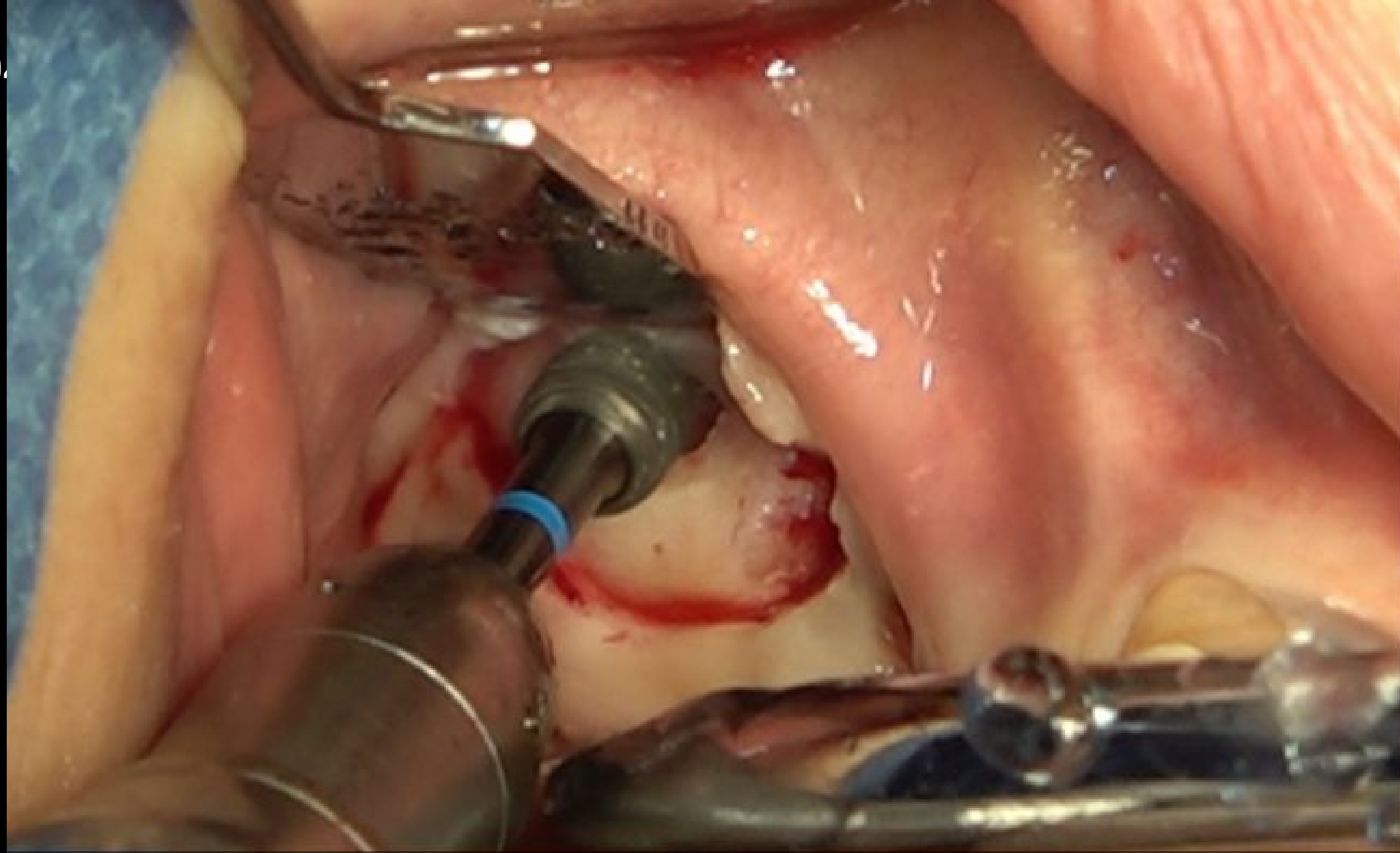
Dentitium

OSTEON™ 3 Collagen

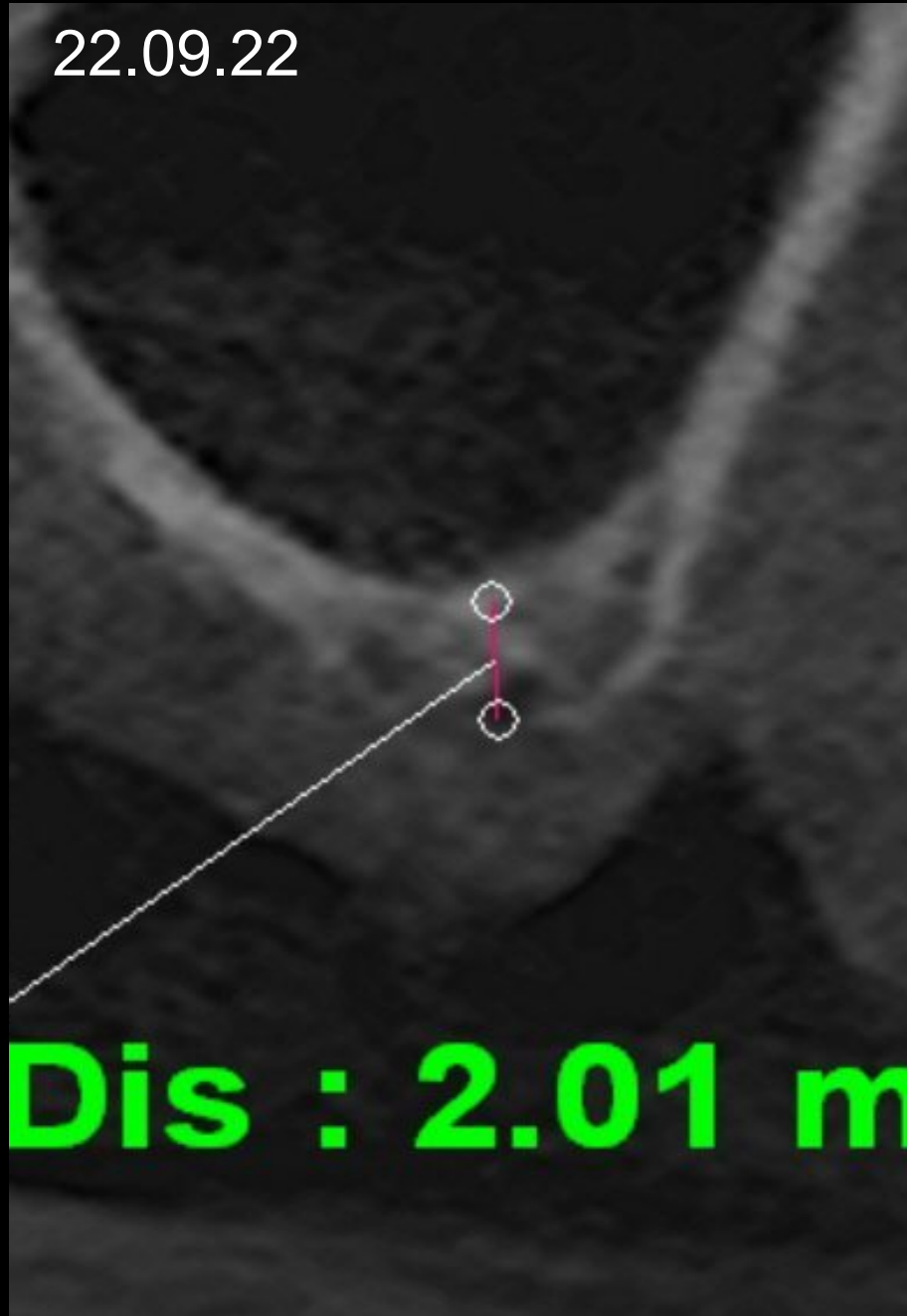
Implantation



0



04. Clinical case review_Lateral approach



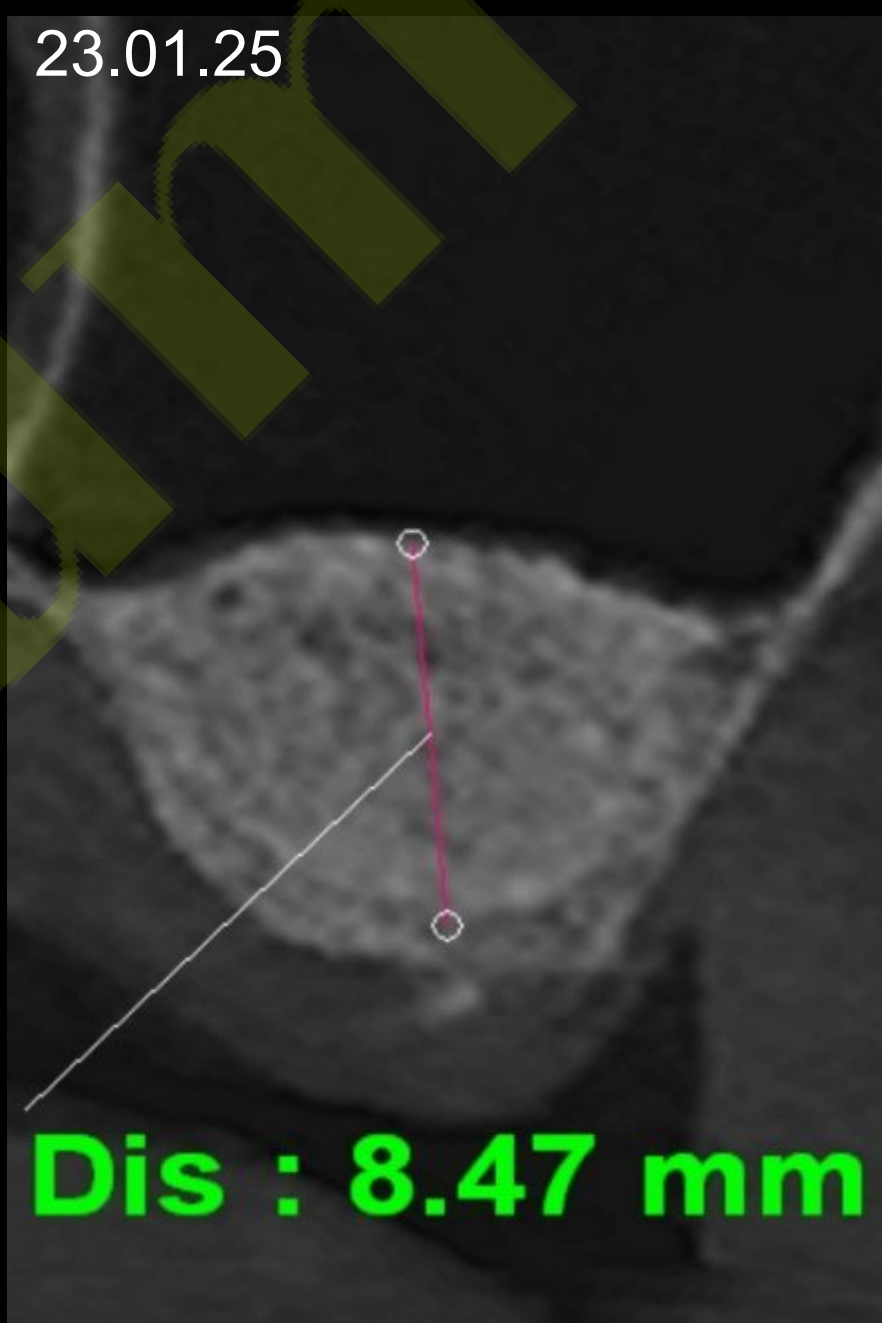
Pre-op



Post-op



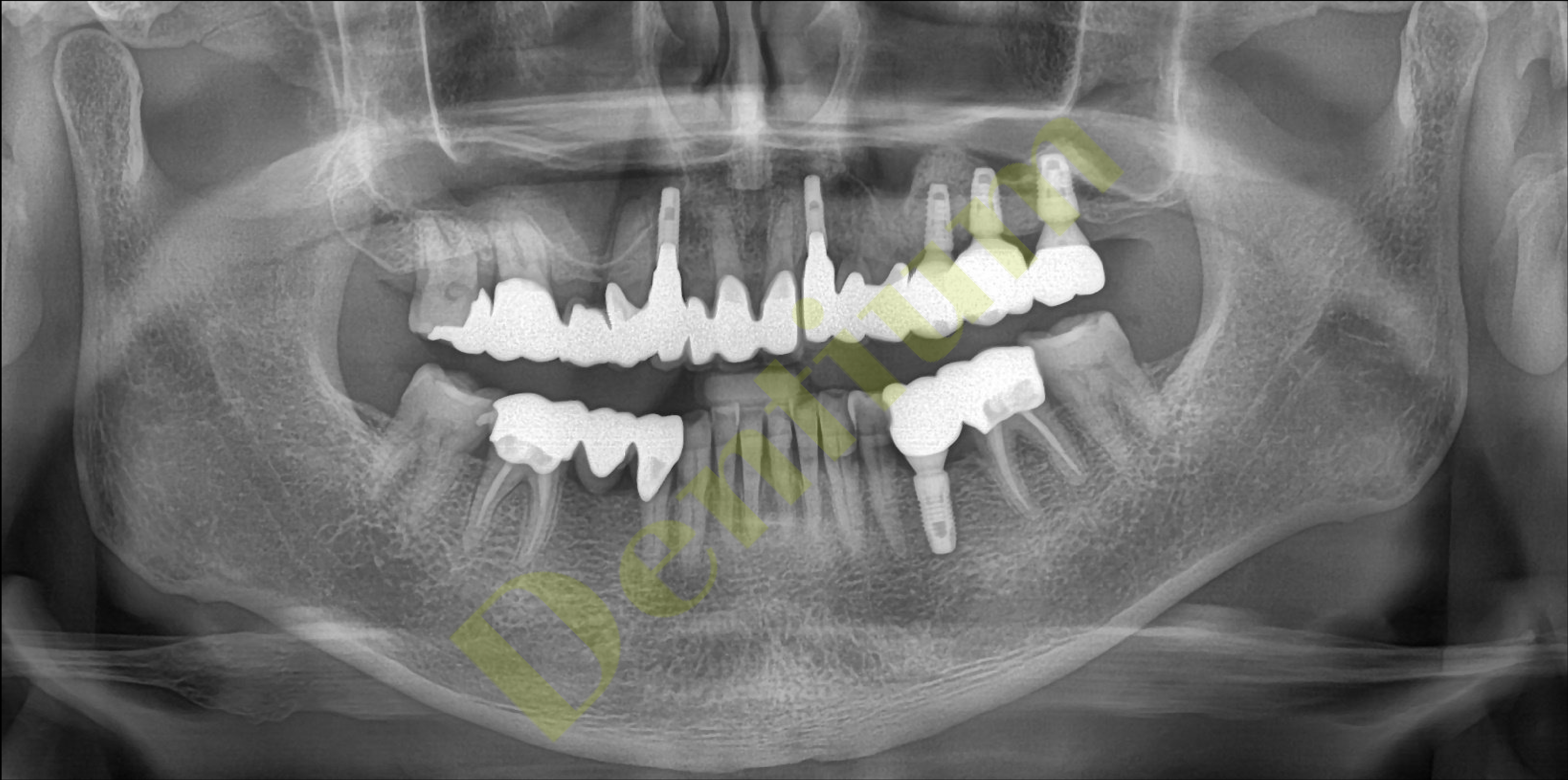
Healing
1 week

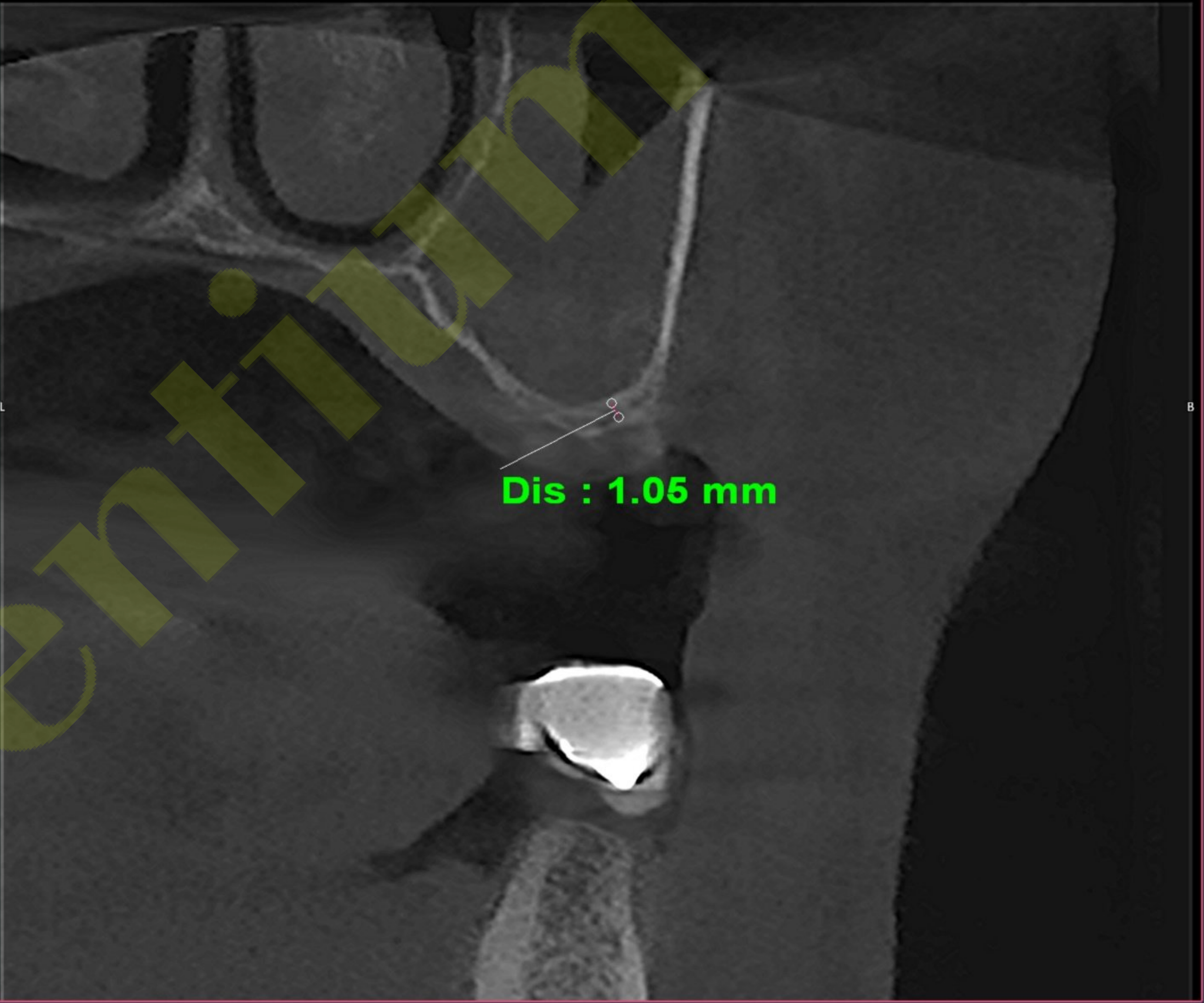
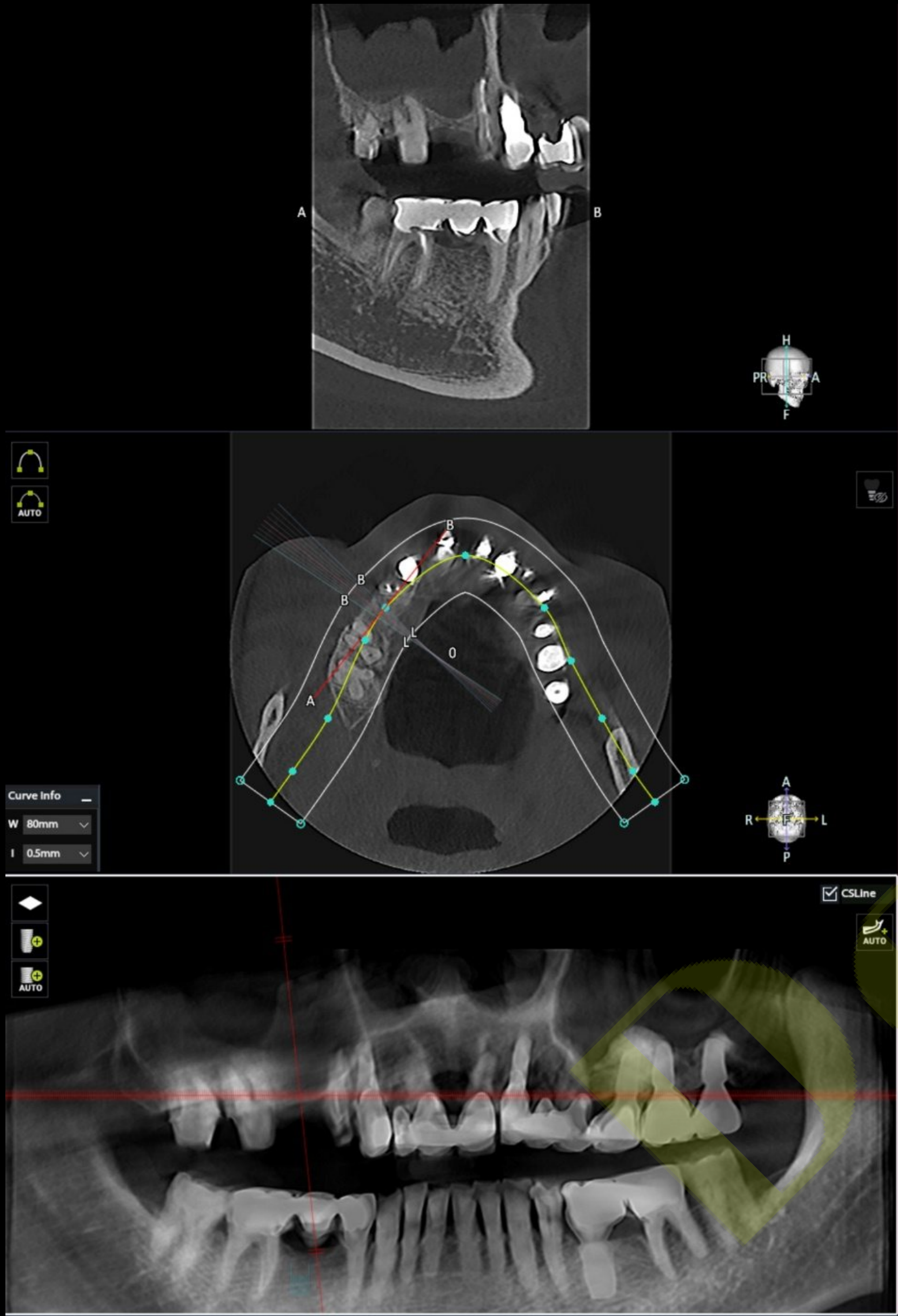


Healing
4 months

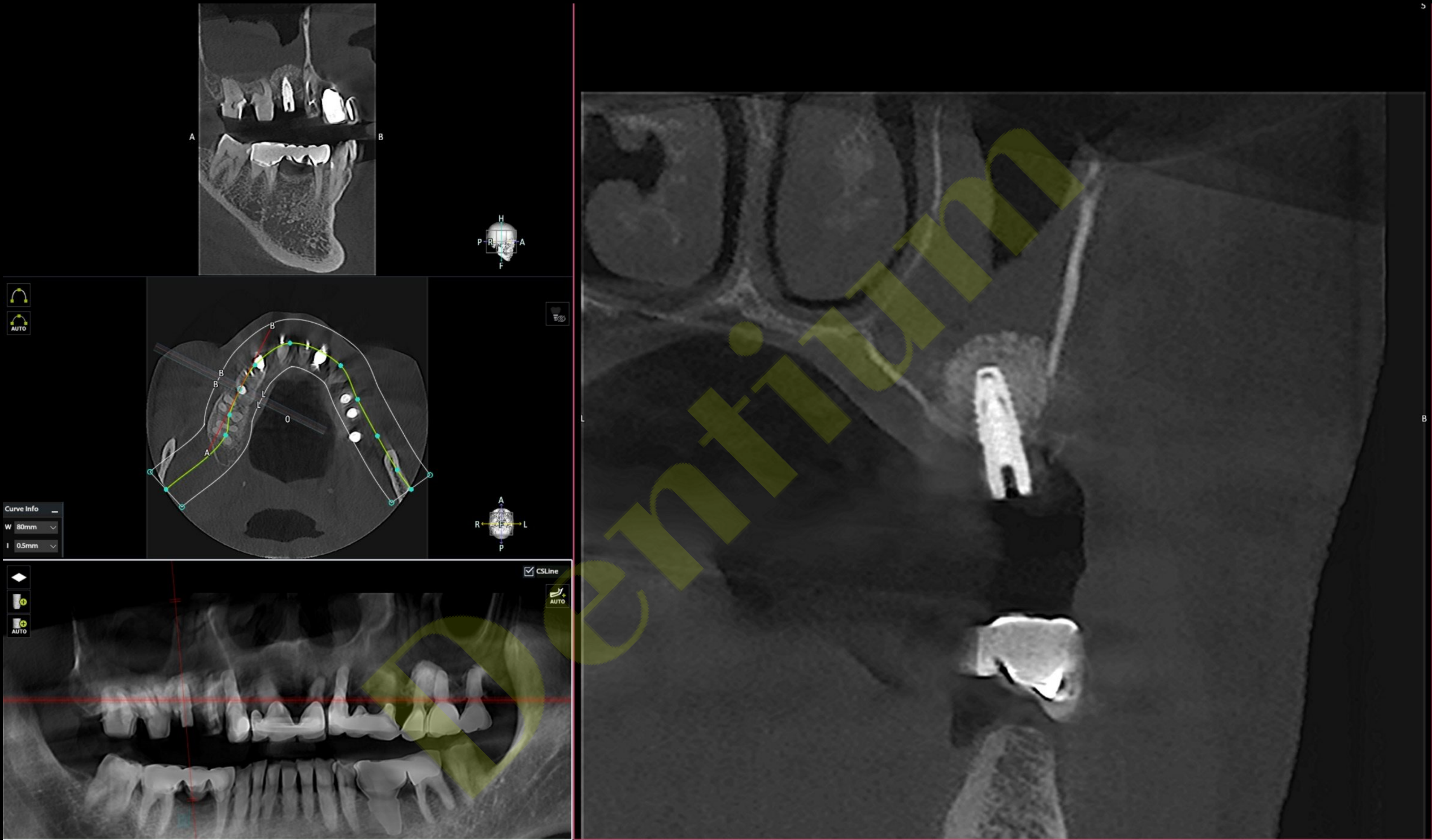


bright TL(Ø4.0 X 7.0)

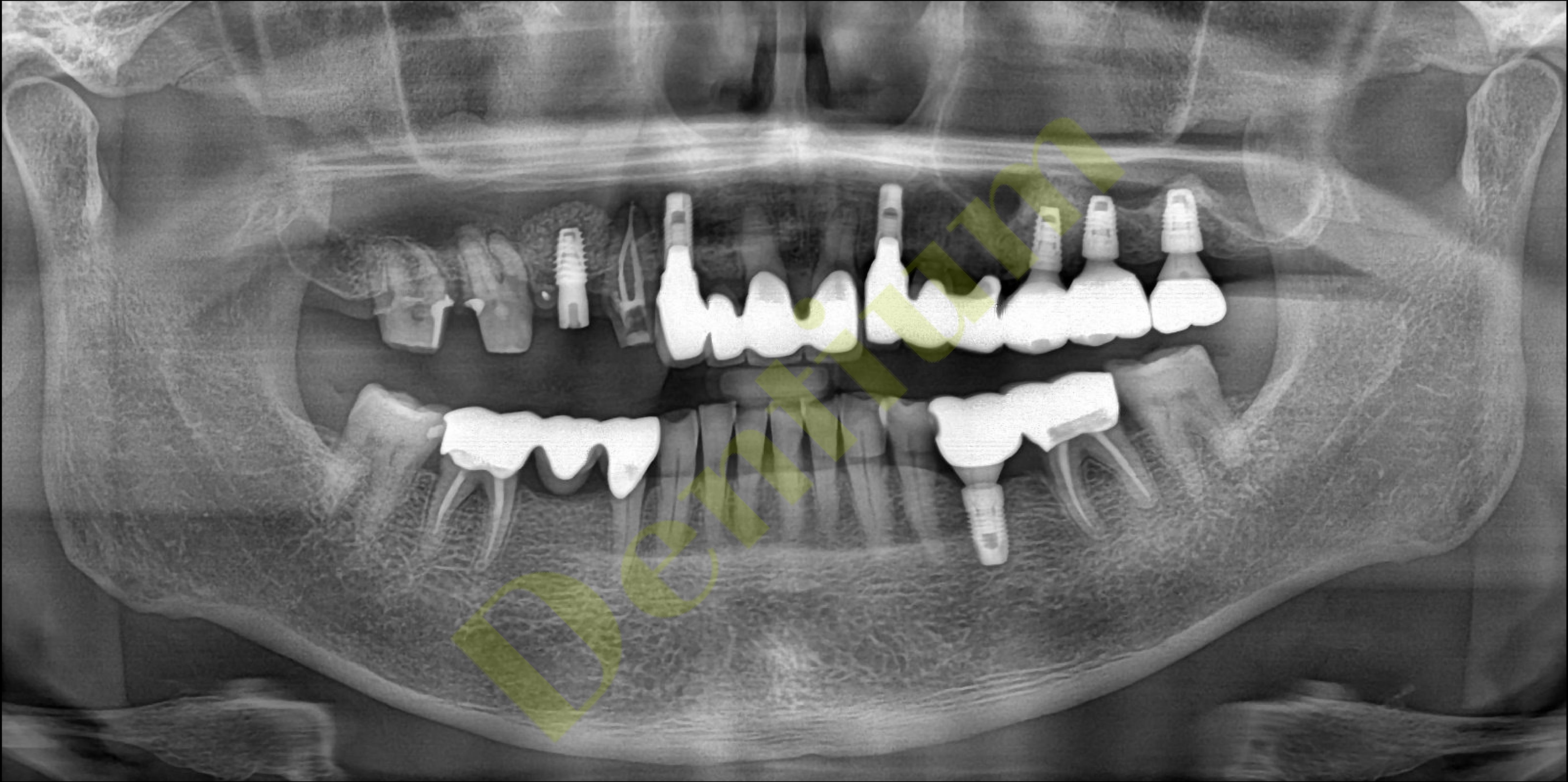




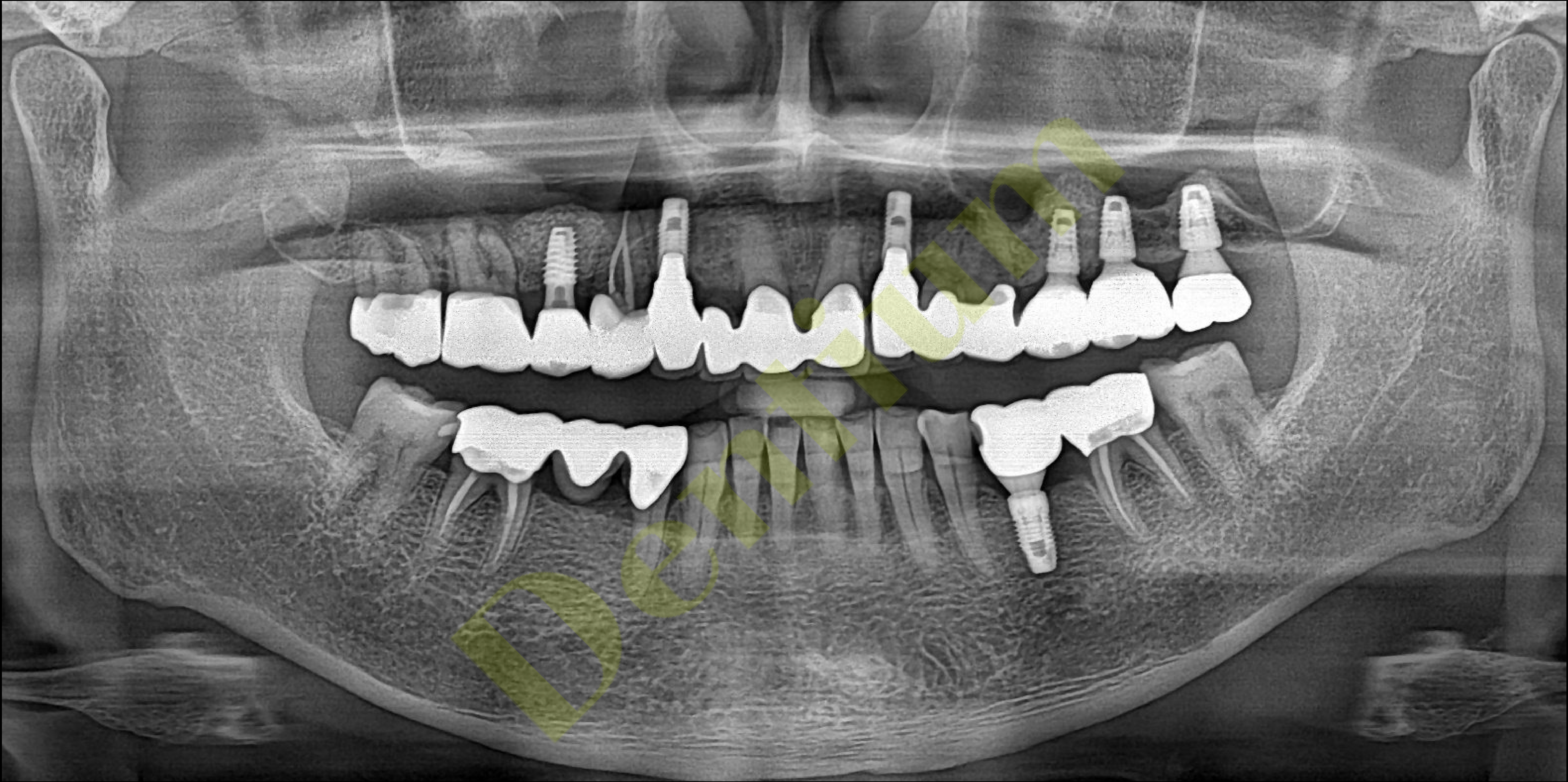
Post-op CT (2023-06-14)



Post-op (2023-06-14)



Final prosthesis (2023-08-09)

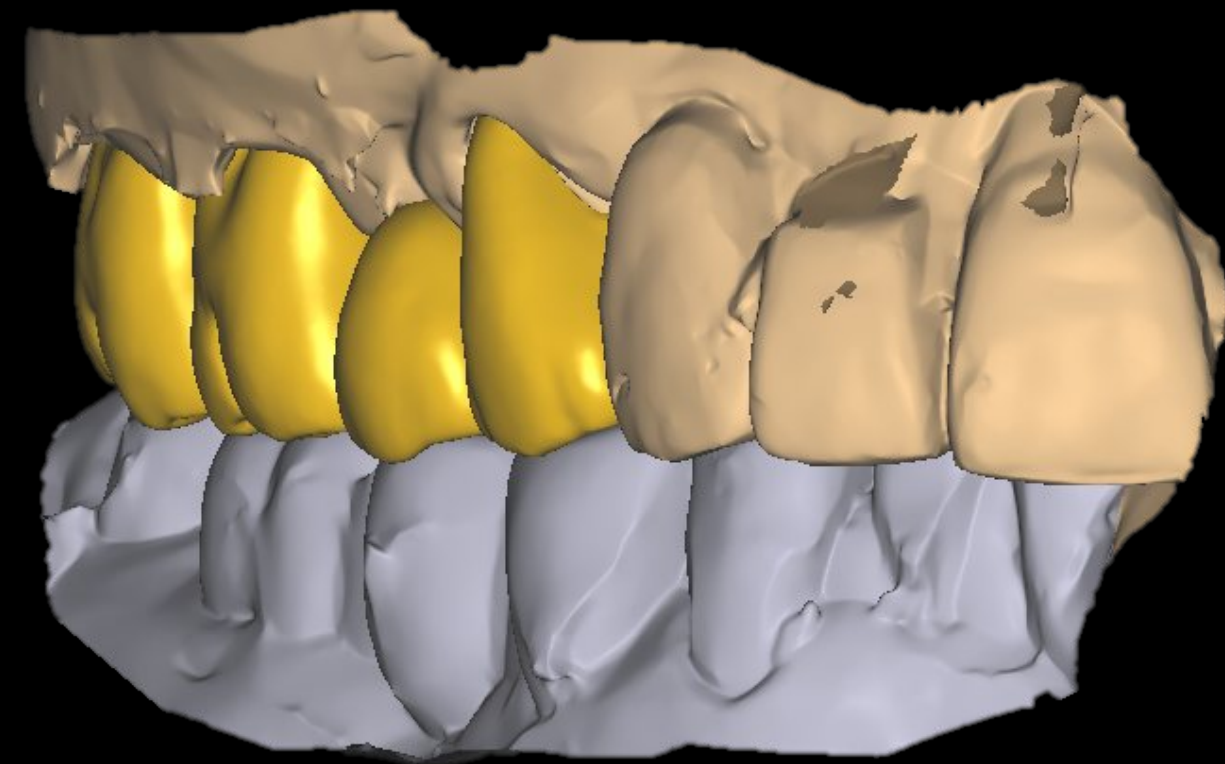
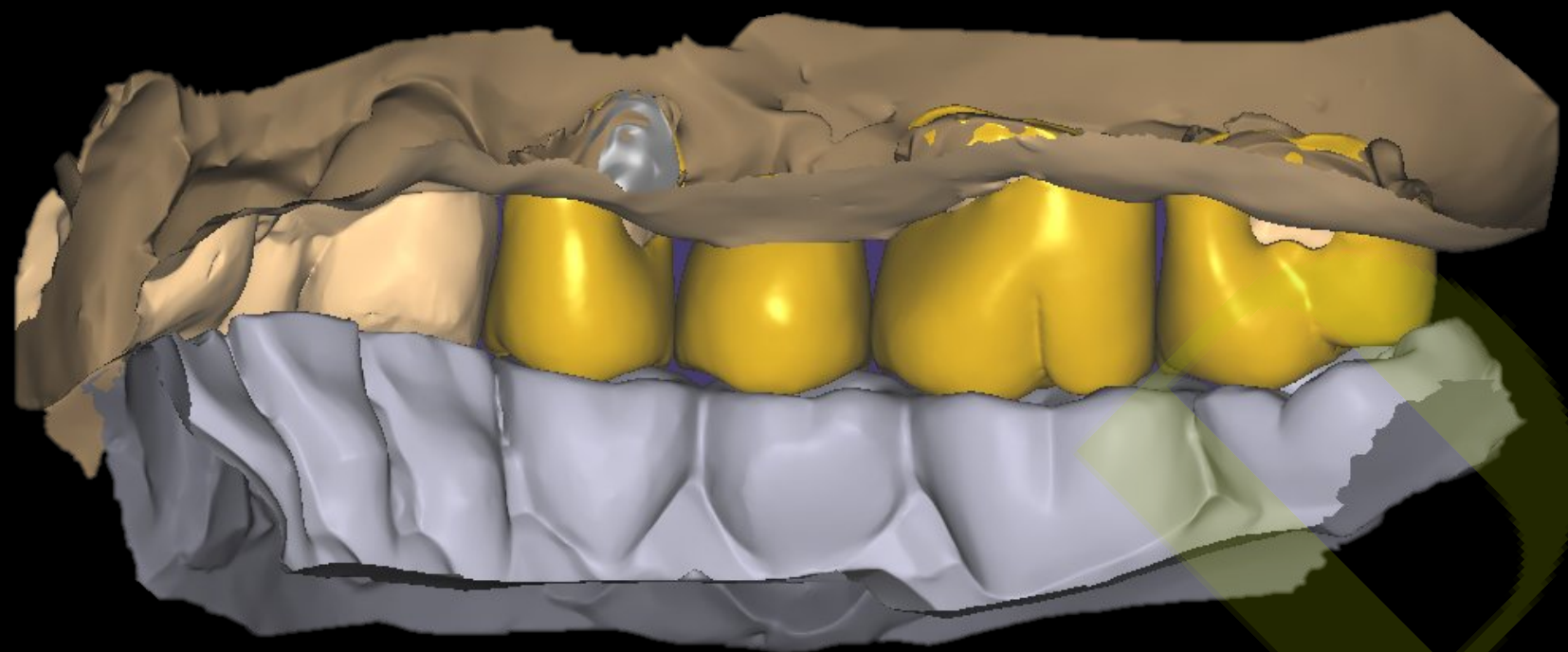
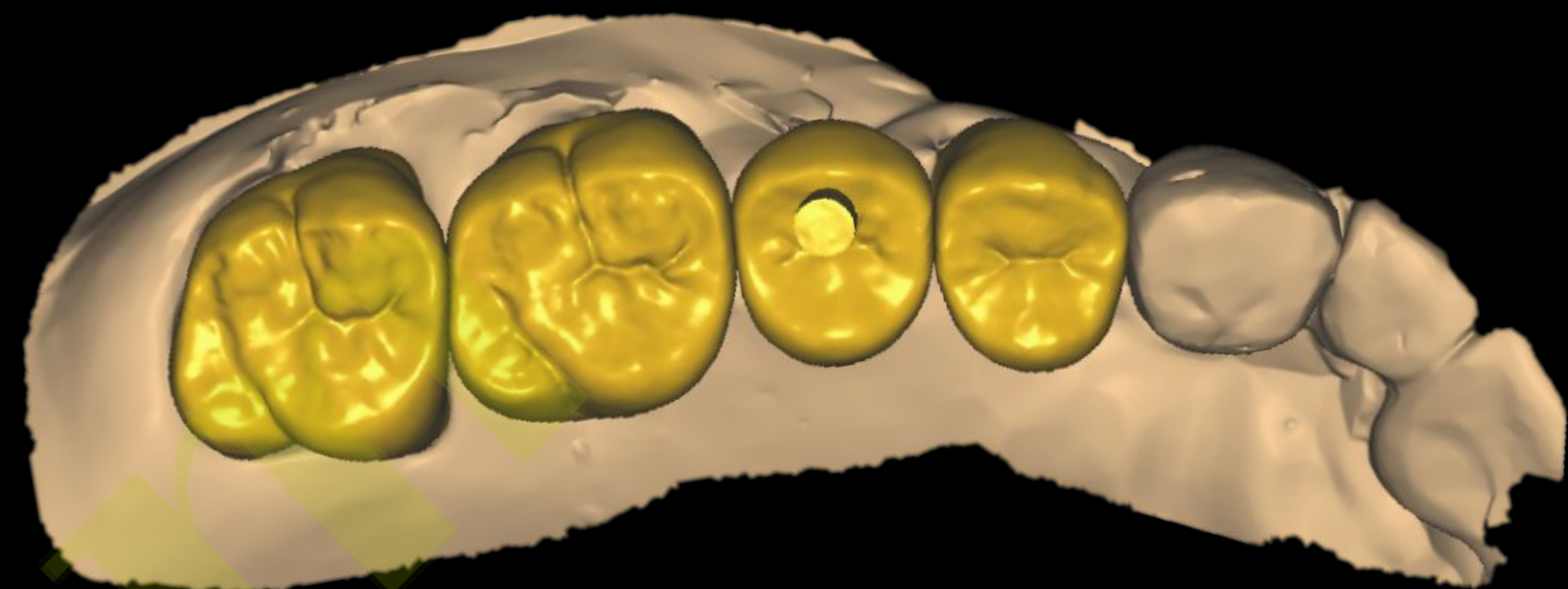
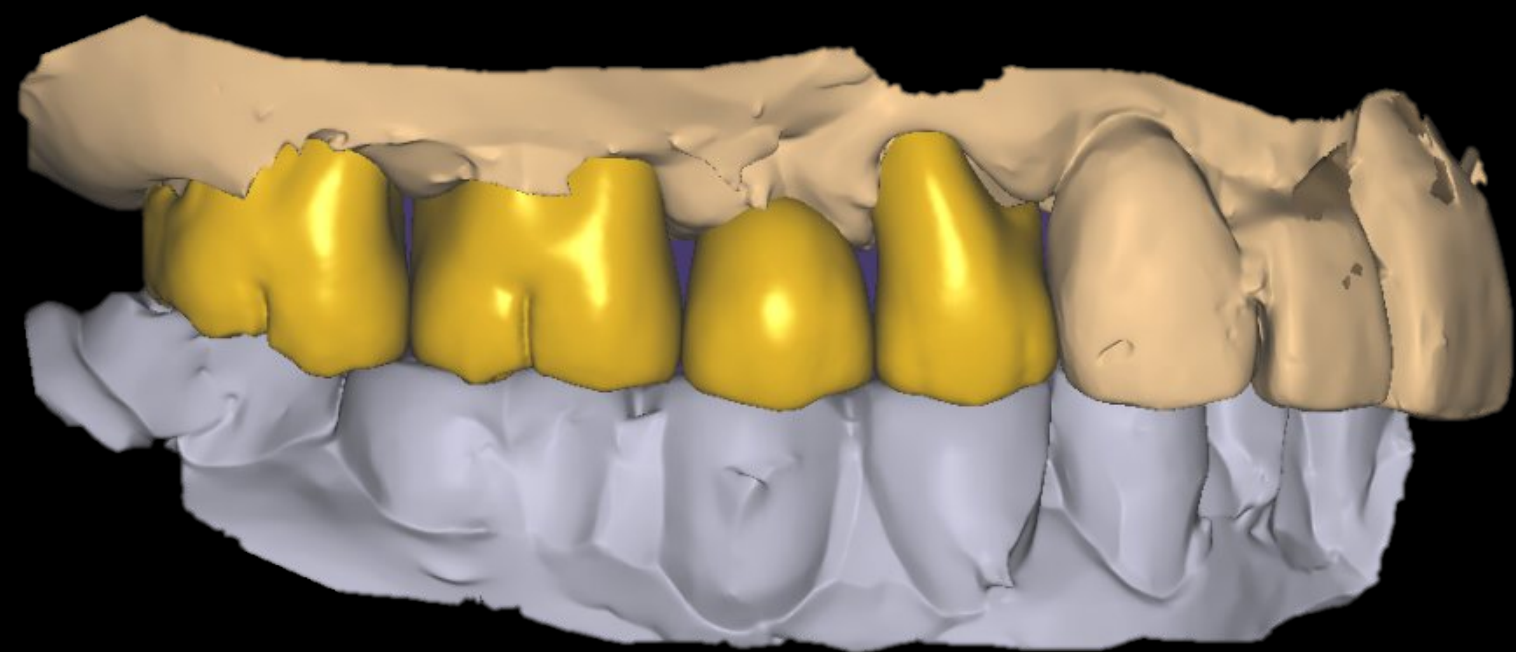




Healing : 1 month (2023-07-19)

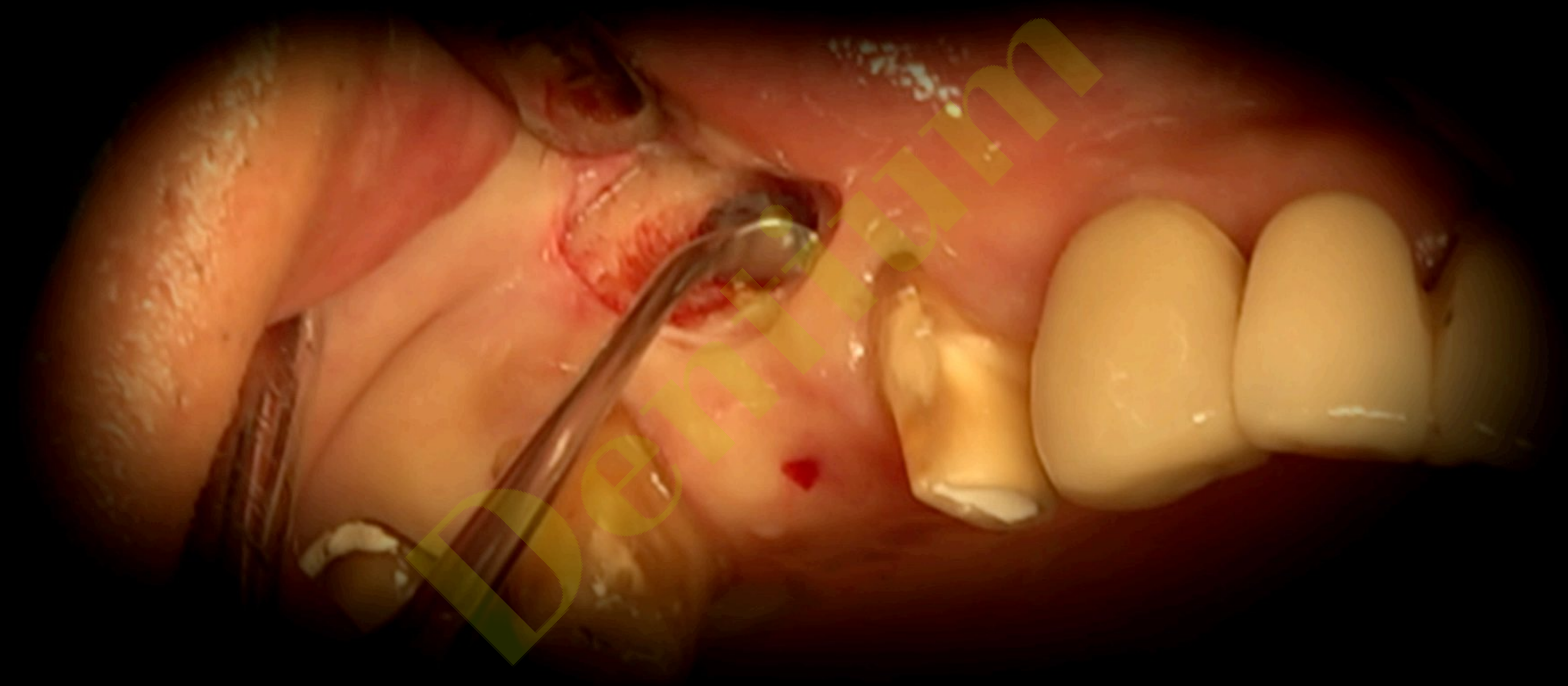


CAD (Final prosthesis)



Final prosthesis (2023-08-09)



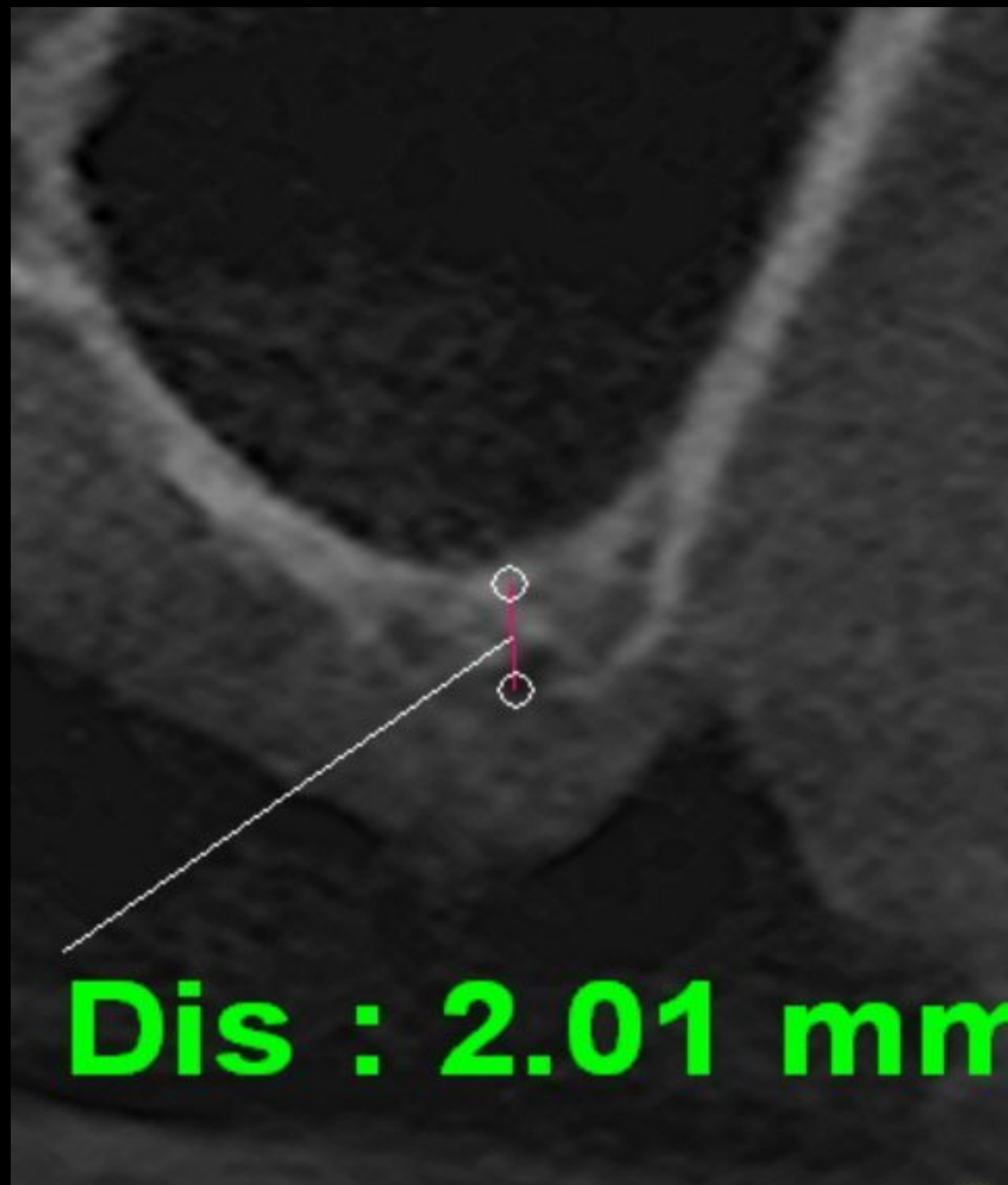


Under drilling at Soft bone & Sinus Lifting with DASK Simple

(bright TL, OSTEON™ 3 Collagen, DASK Simple, The Trust)

Pt.1960 / F

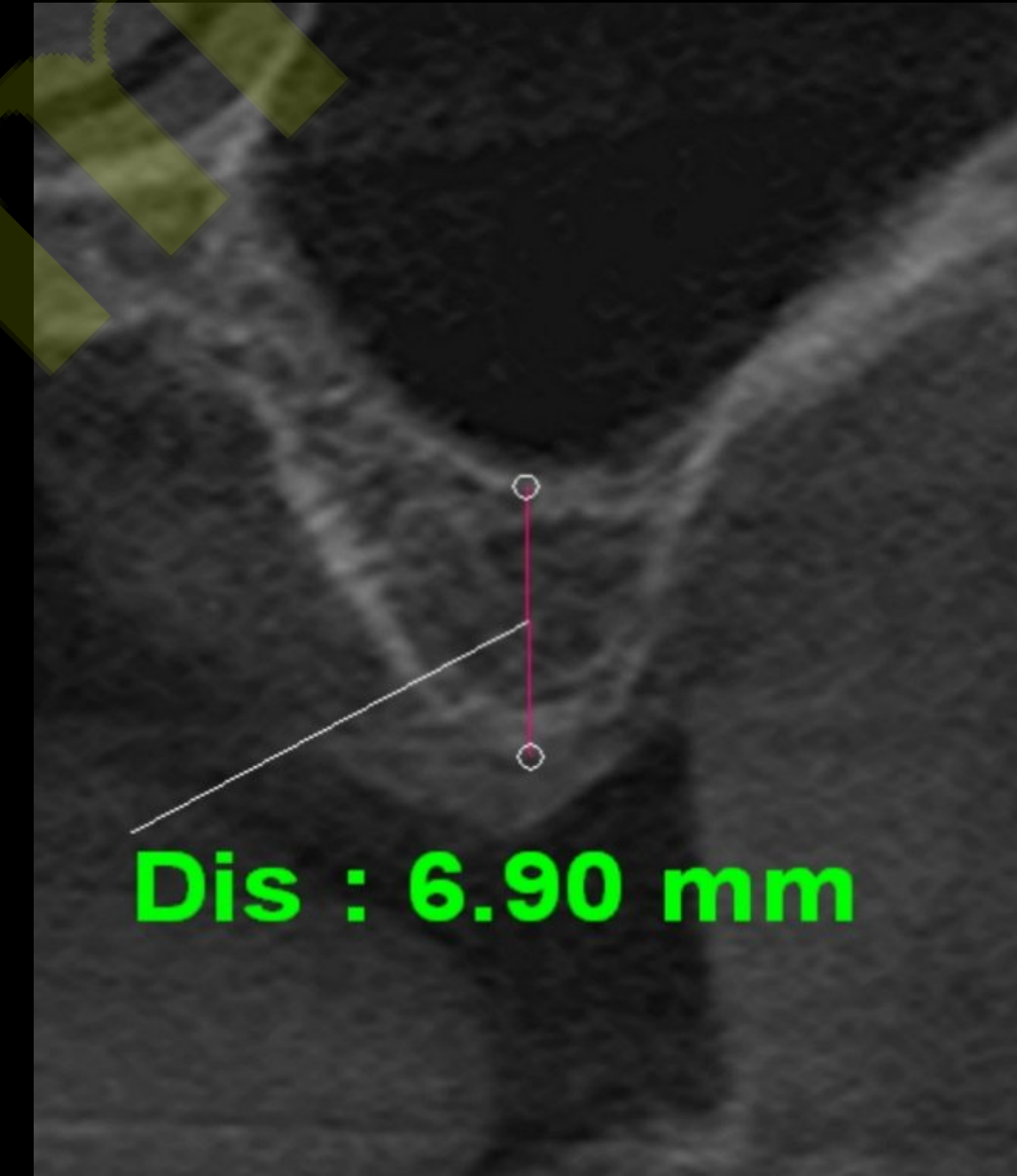




#10 Sinus



#14



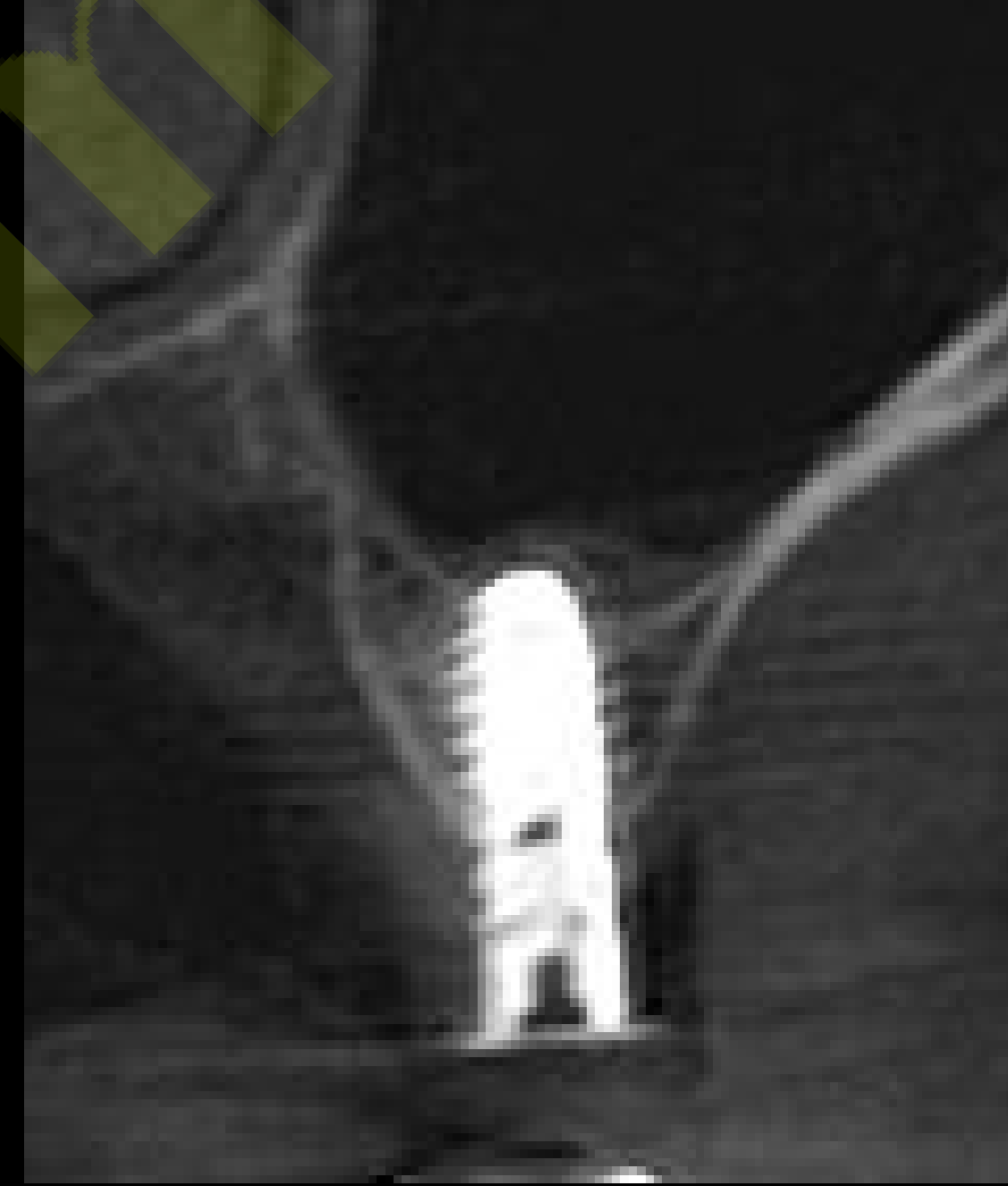
#26



#10 Sinus



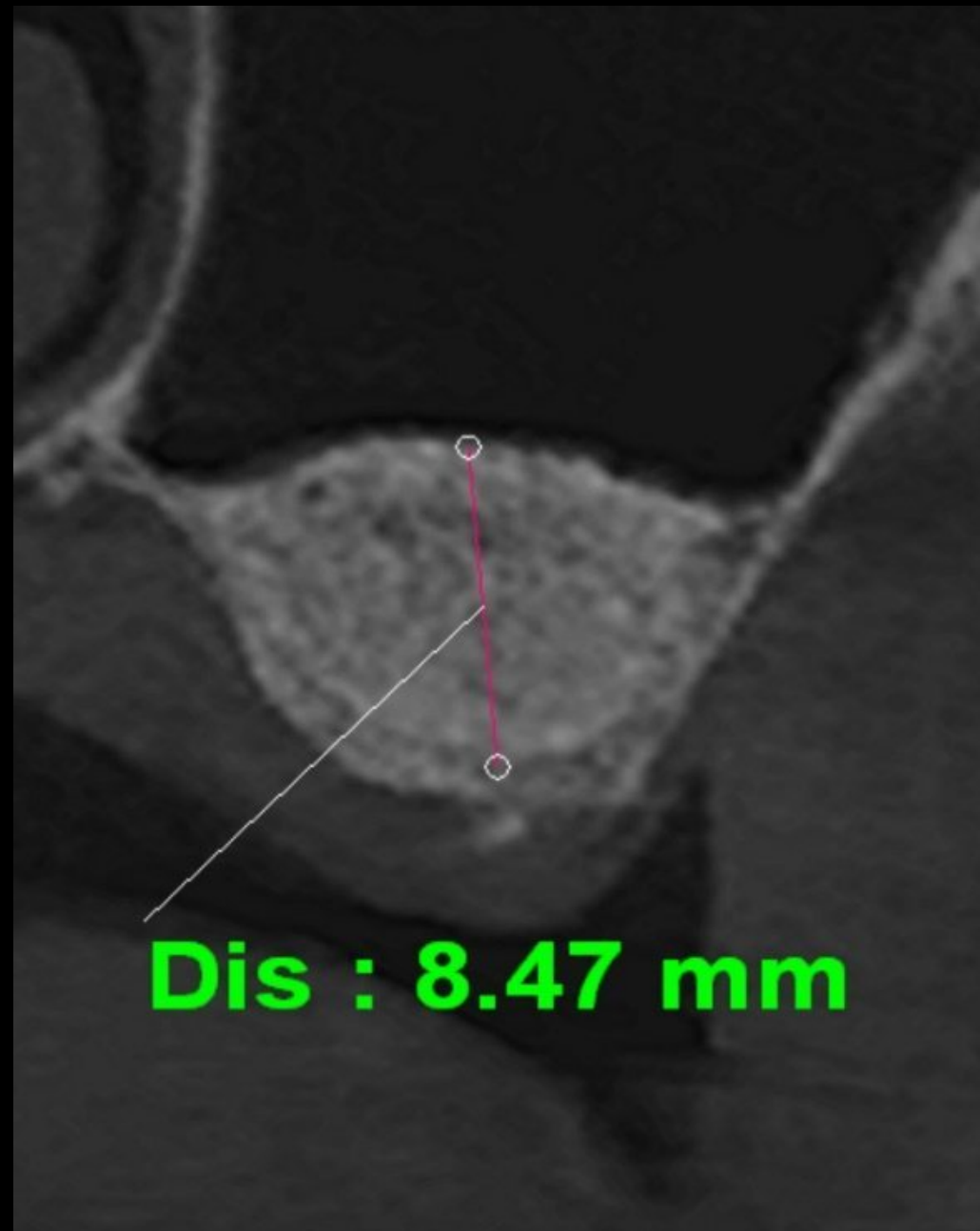
#14



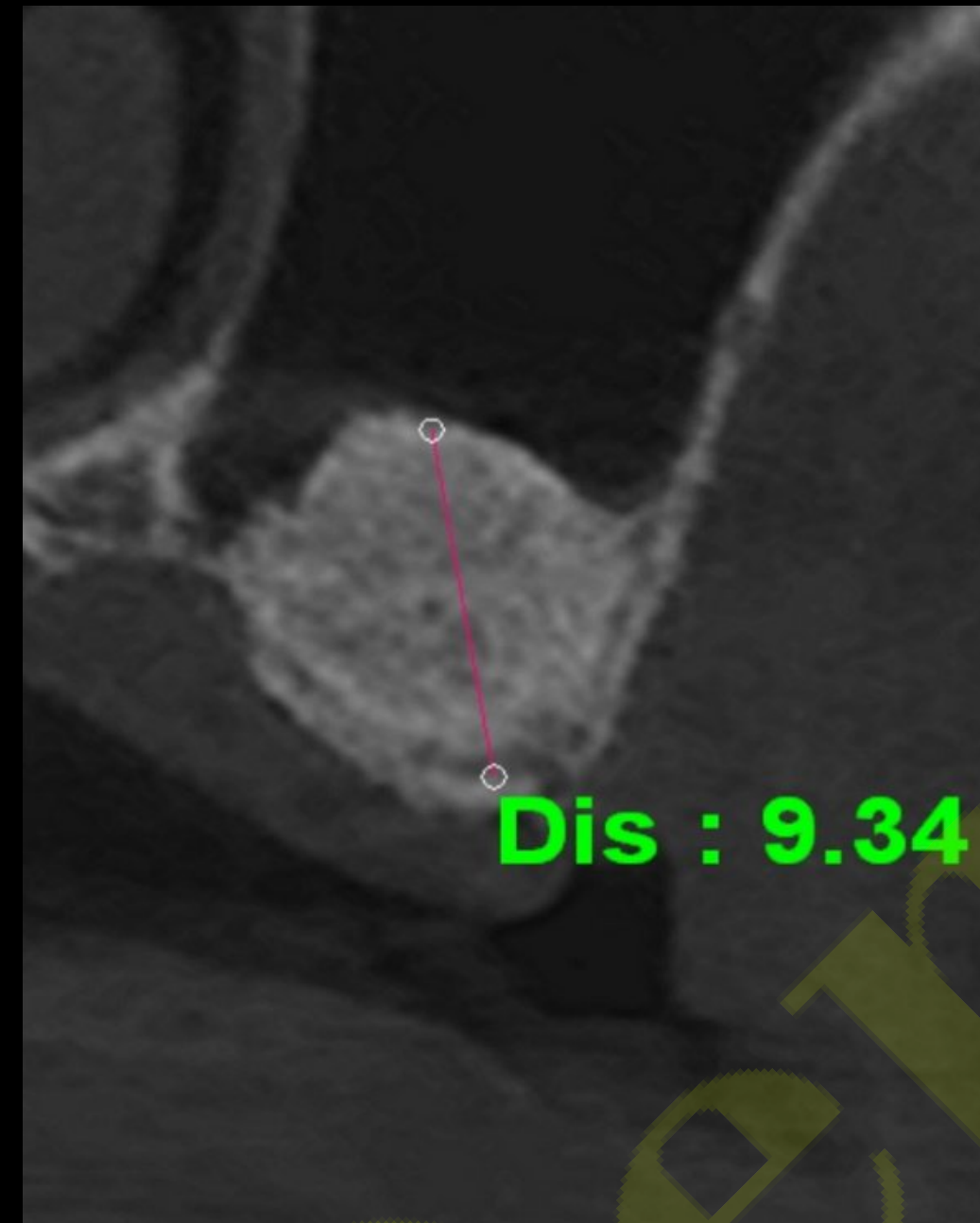
#26

Pre-op (2022-10-13)

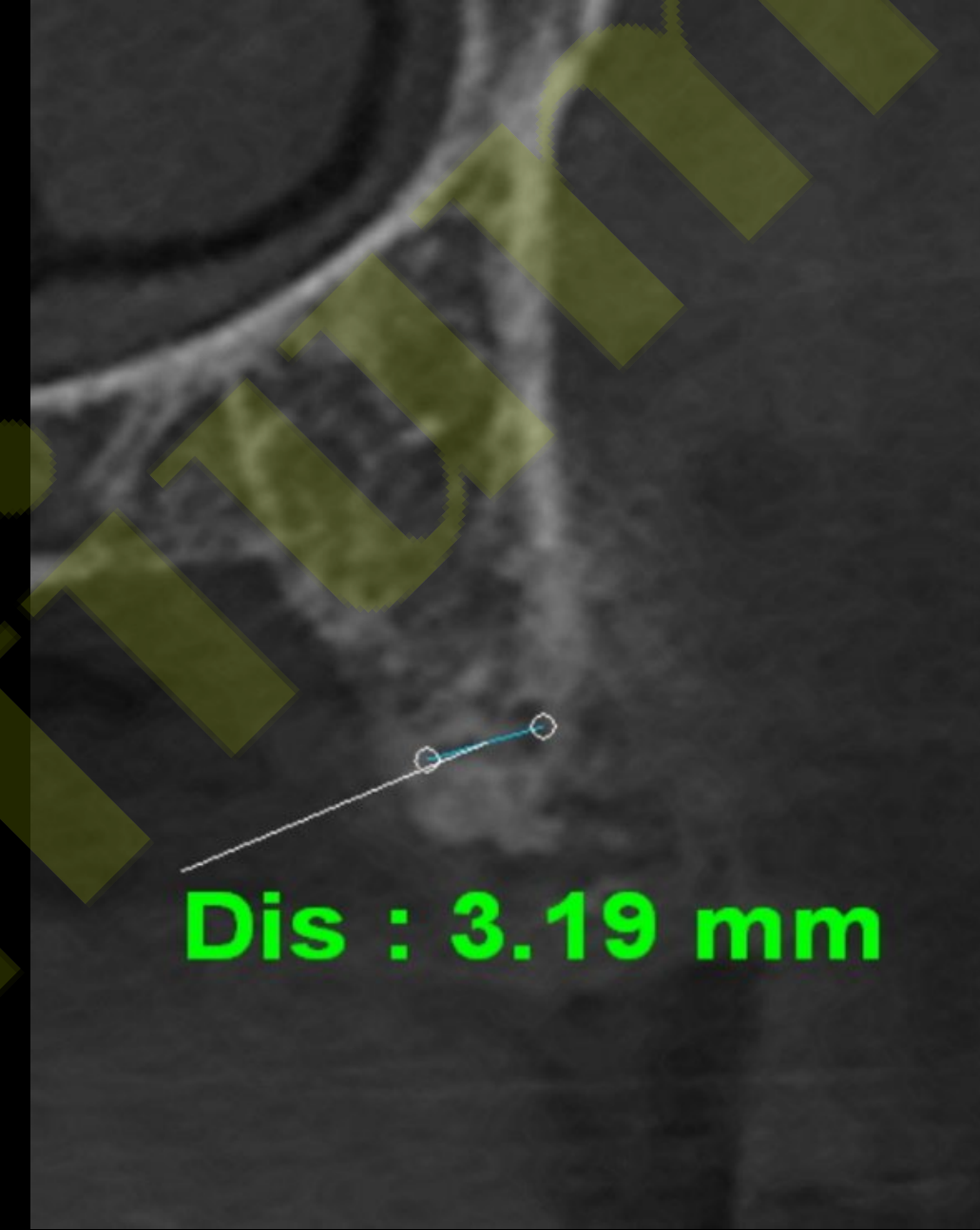




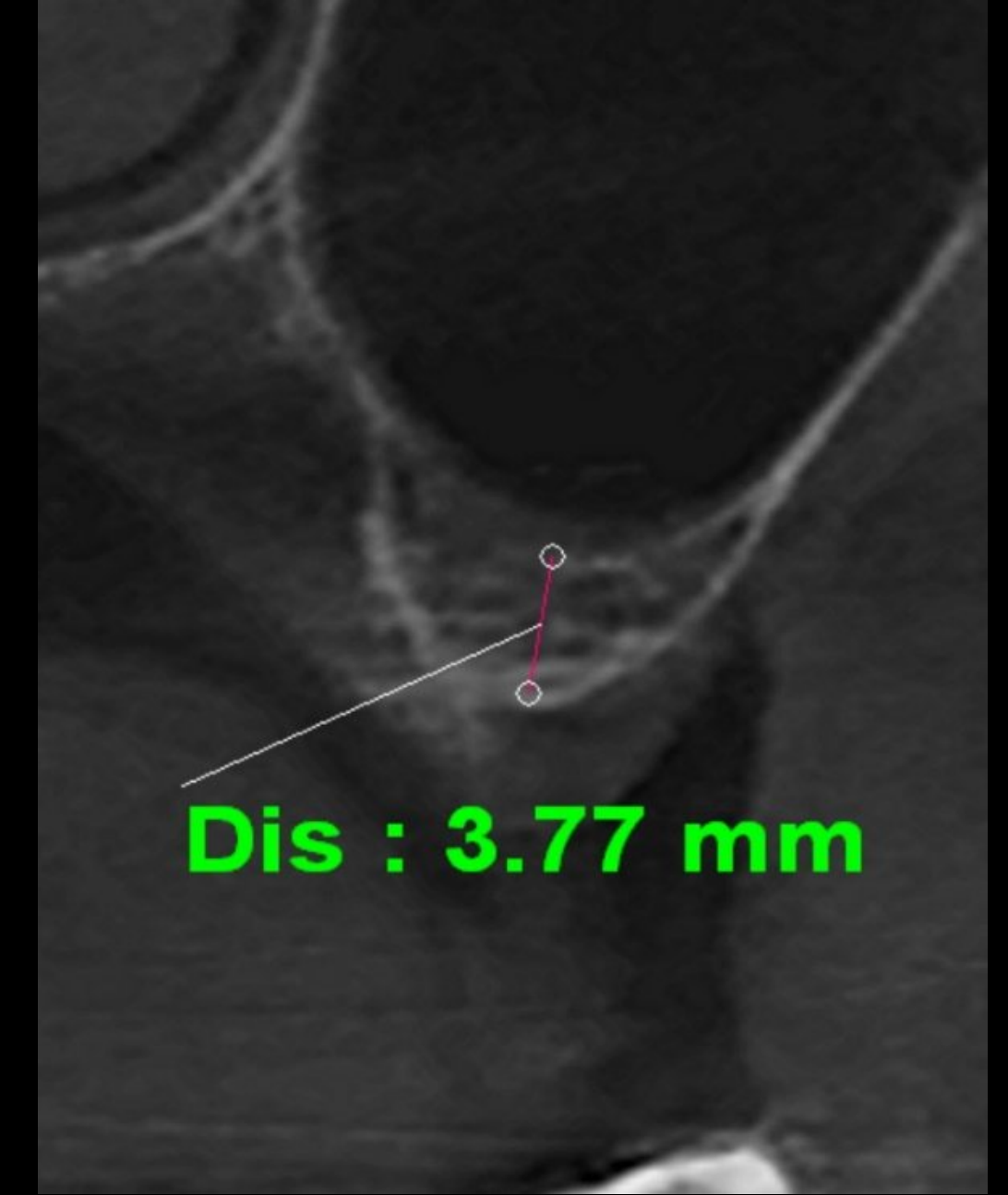
#17



#16



#24



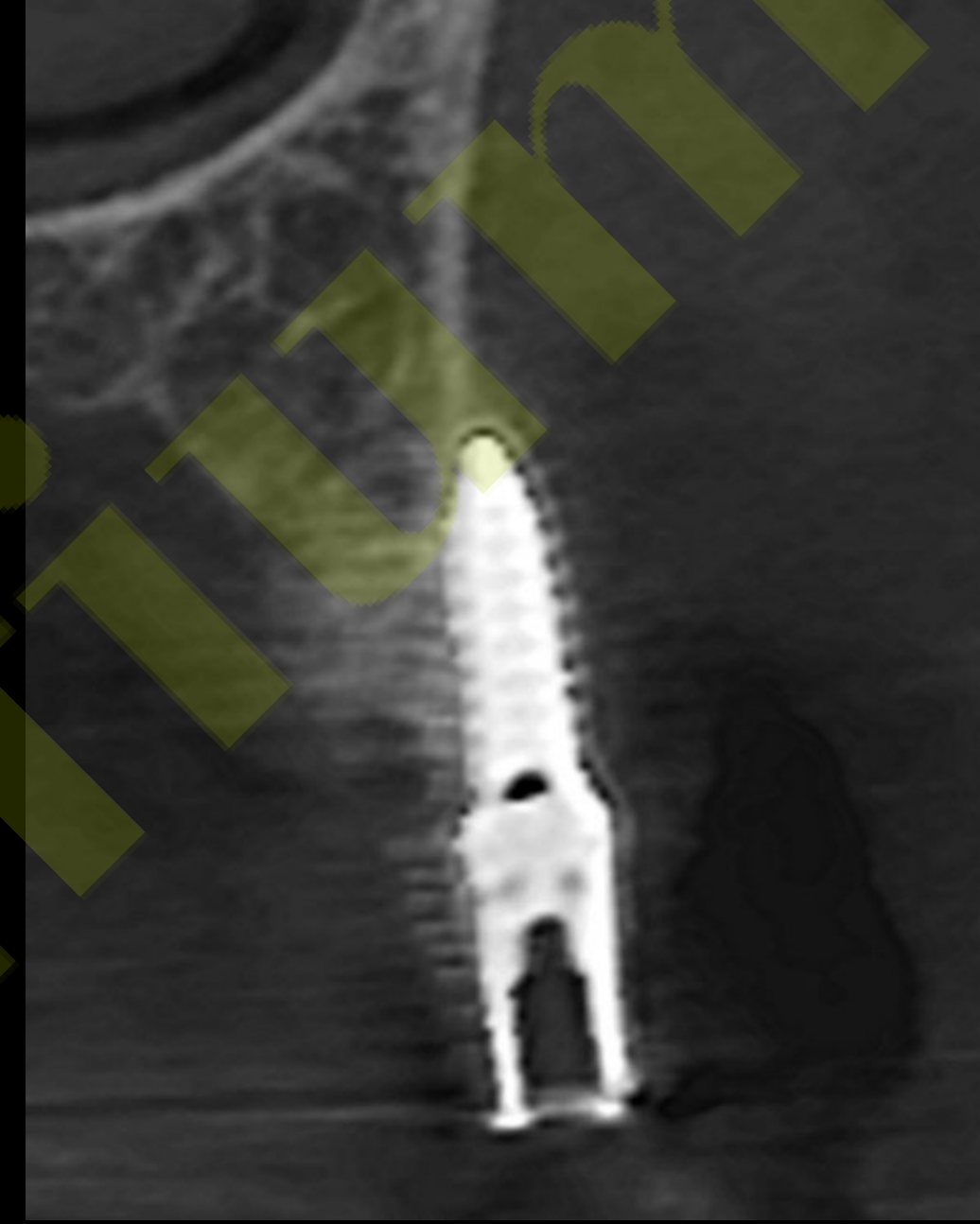
#27



#17



#16



#24



#27

Post-op (2023-01-25)



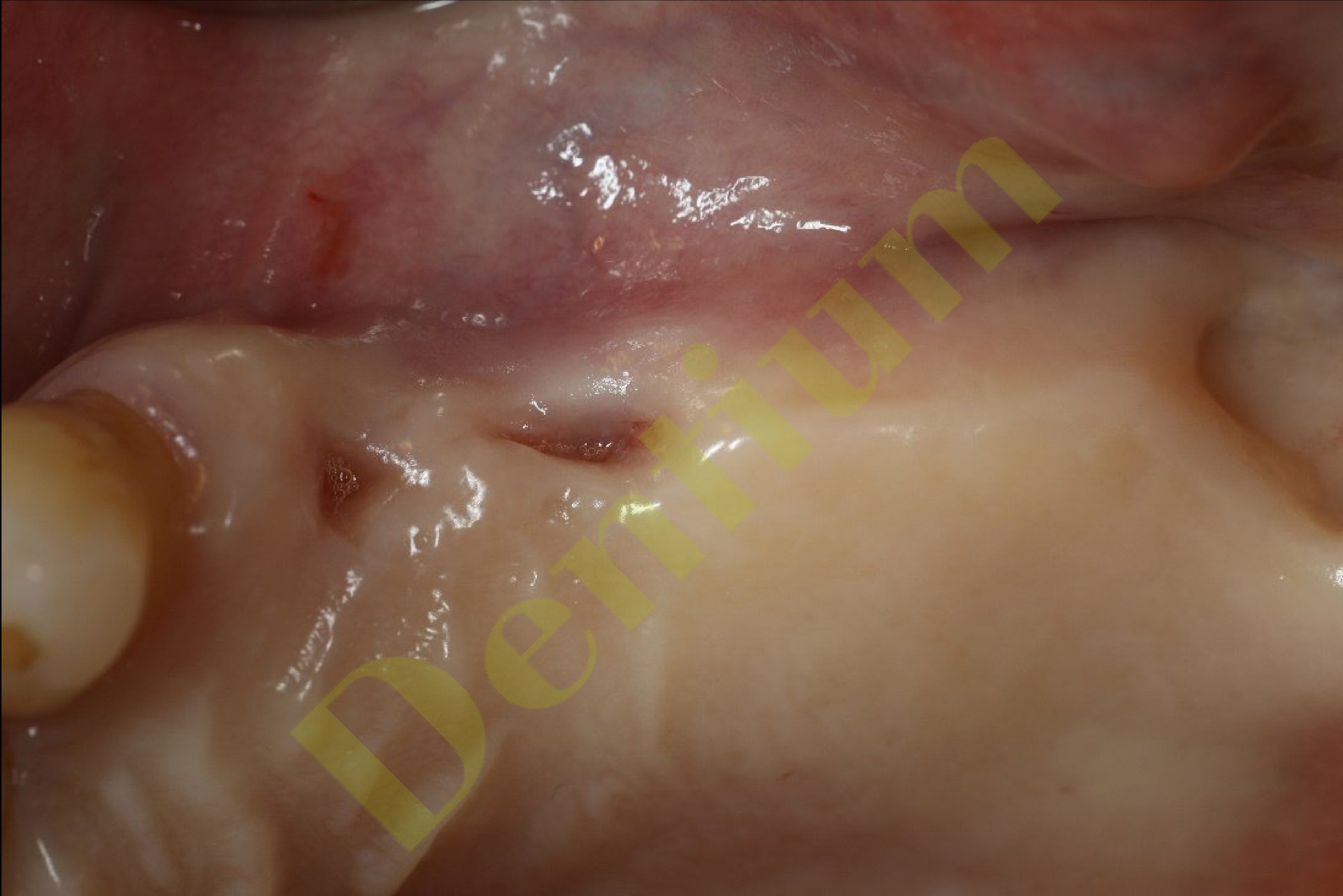
Final prosthesis (2023-06-15)



Follow up 7 months (2023-12-08)



Pre-op (2022-09-22)



Surgery (2022-09-22)



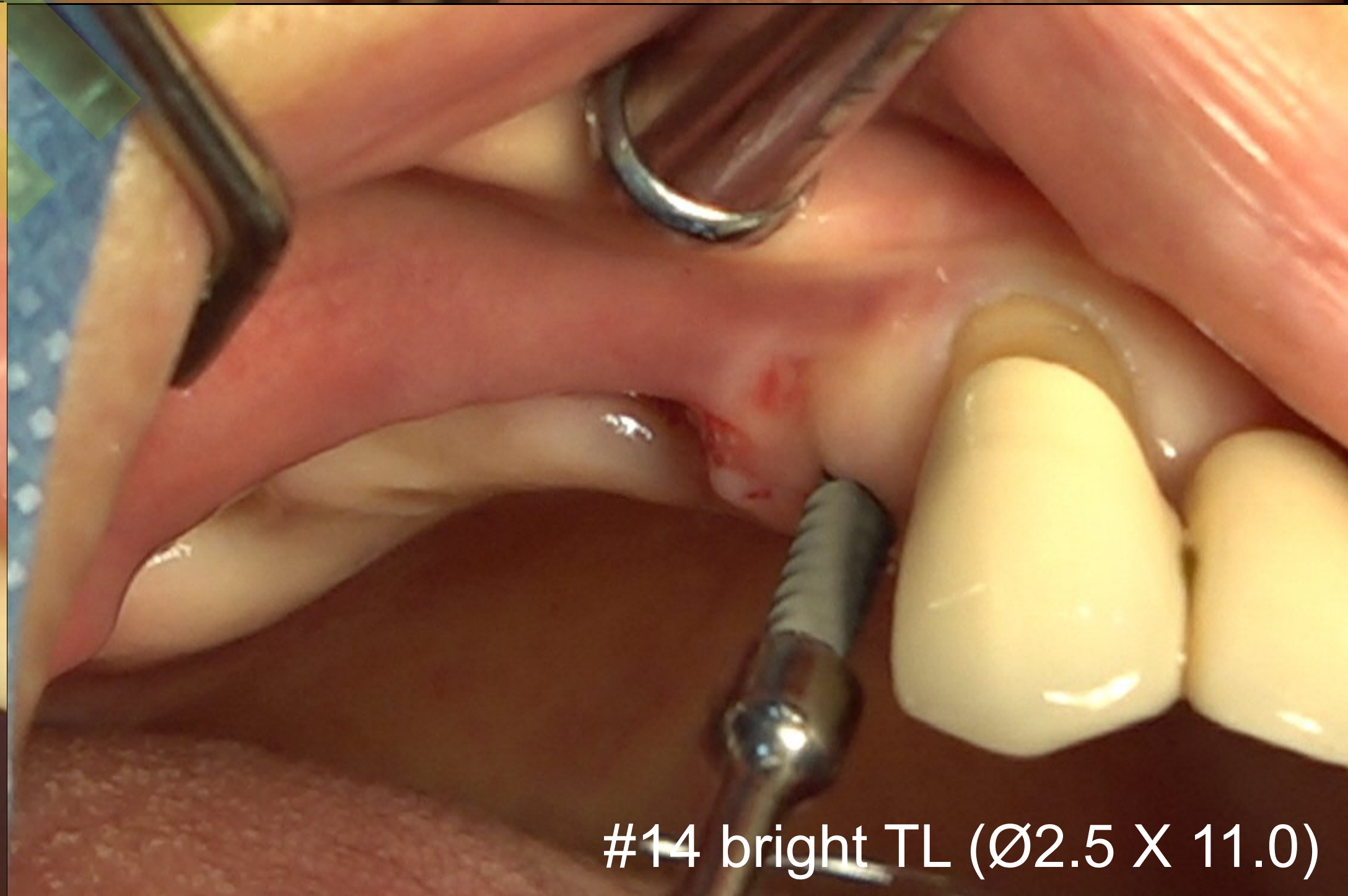
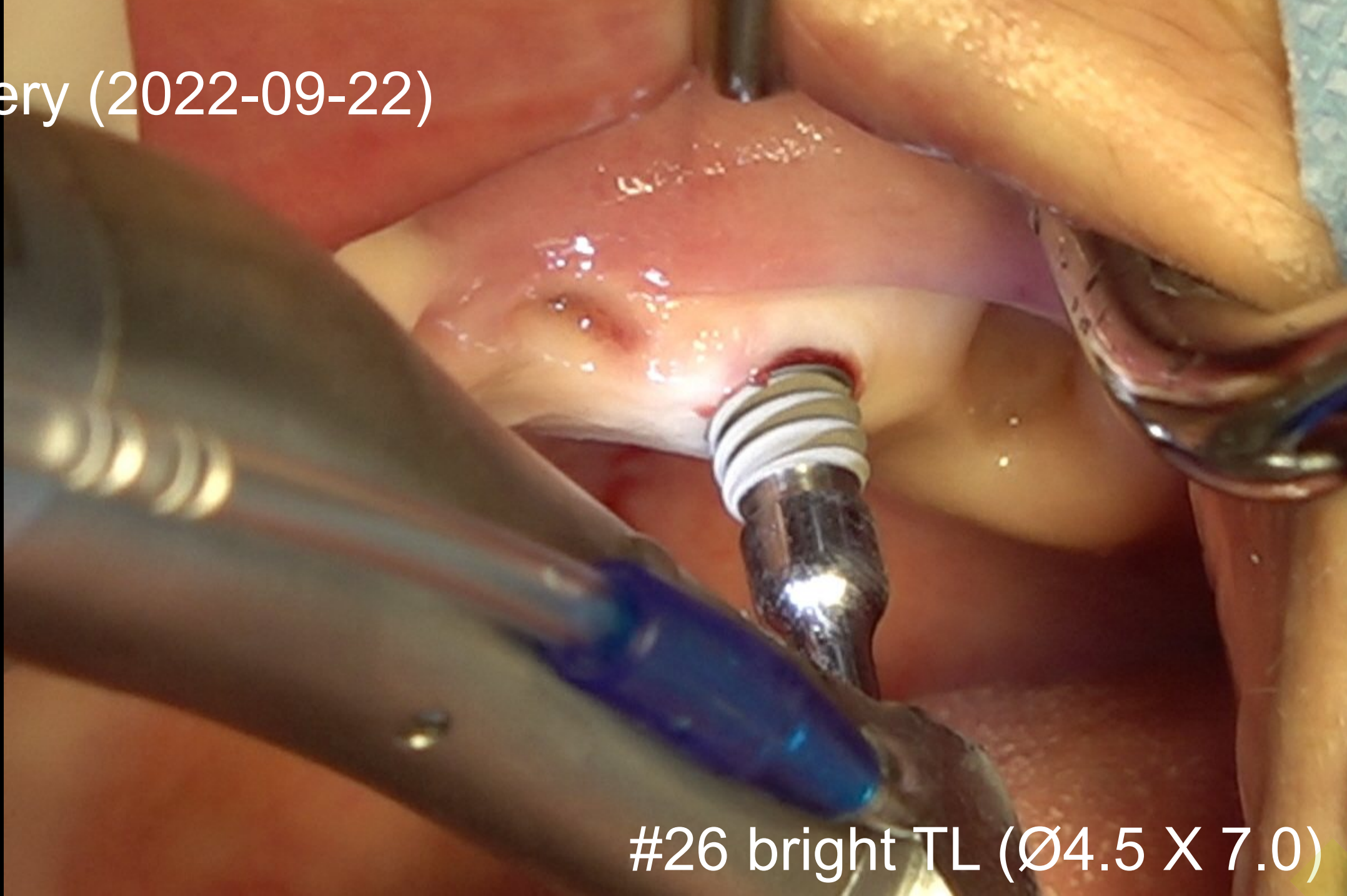
Incision



Parallel pin

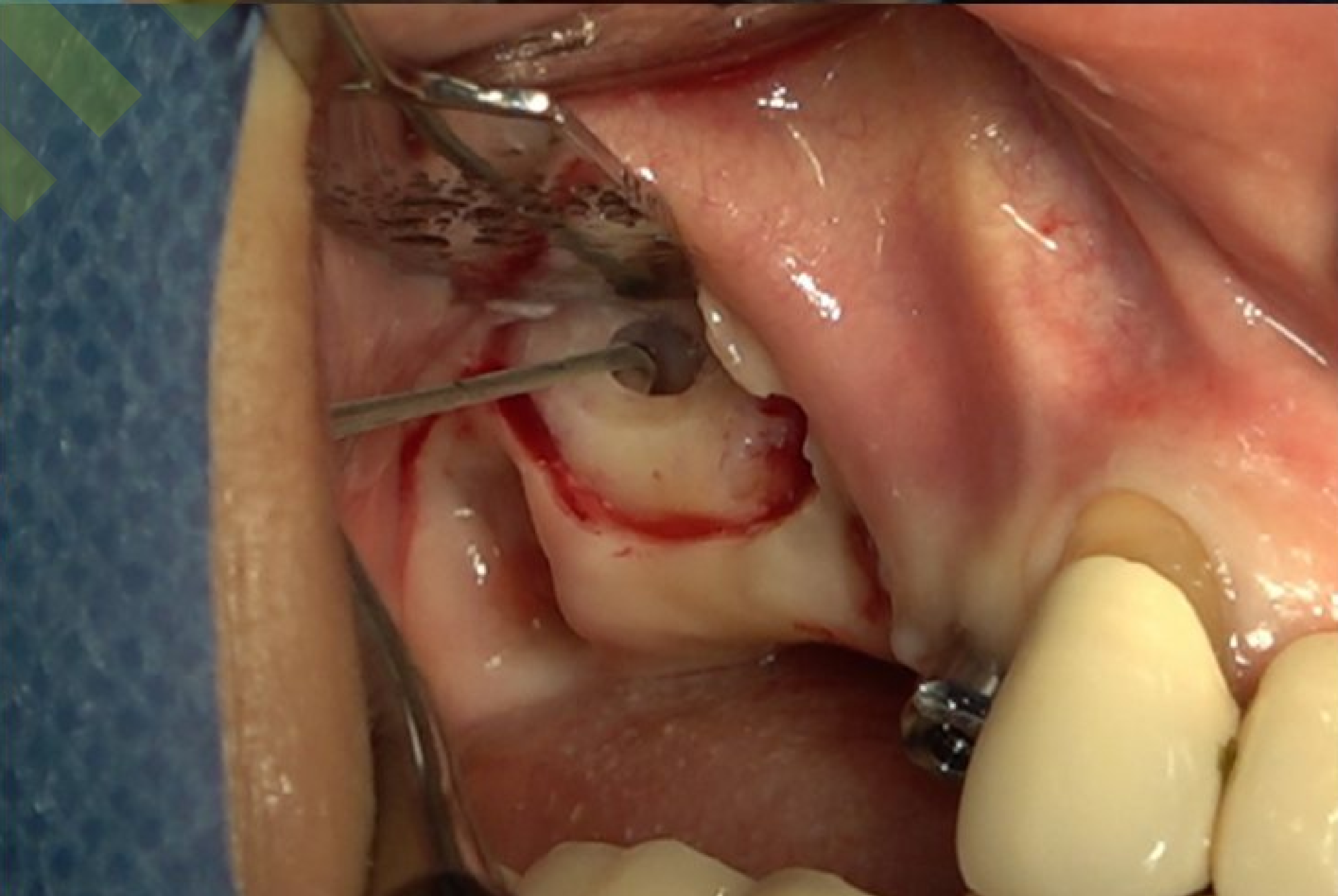
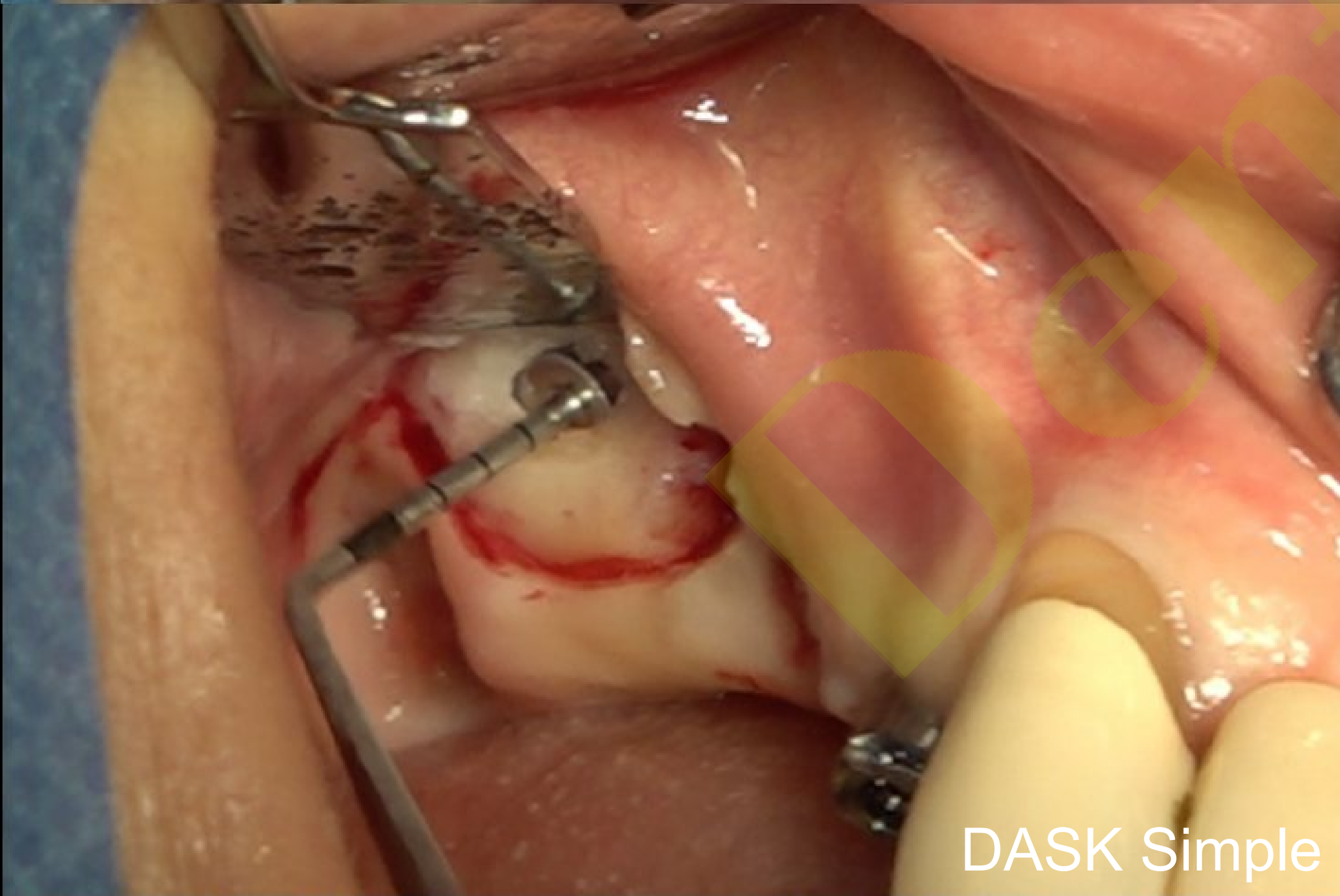
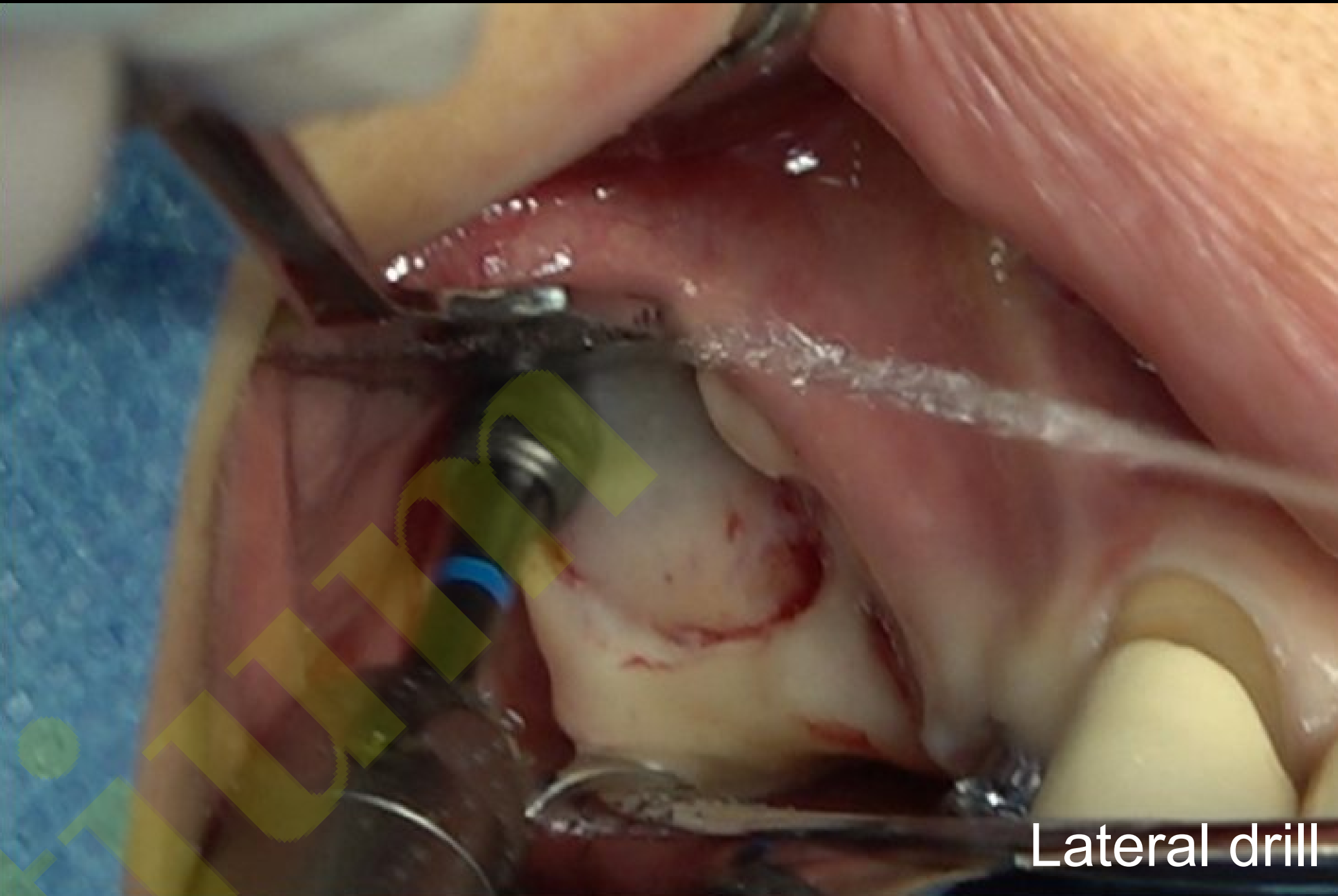


Surgery (2022-09-22)

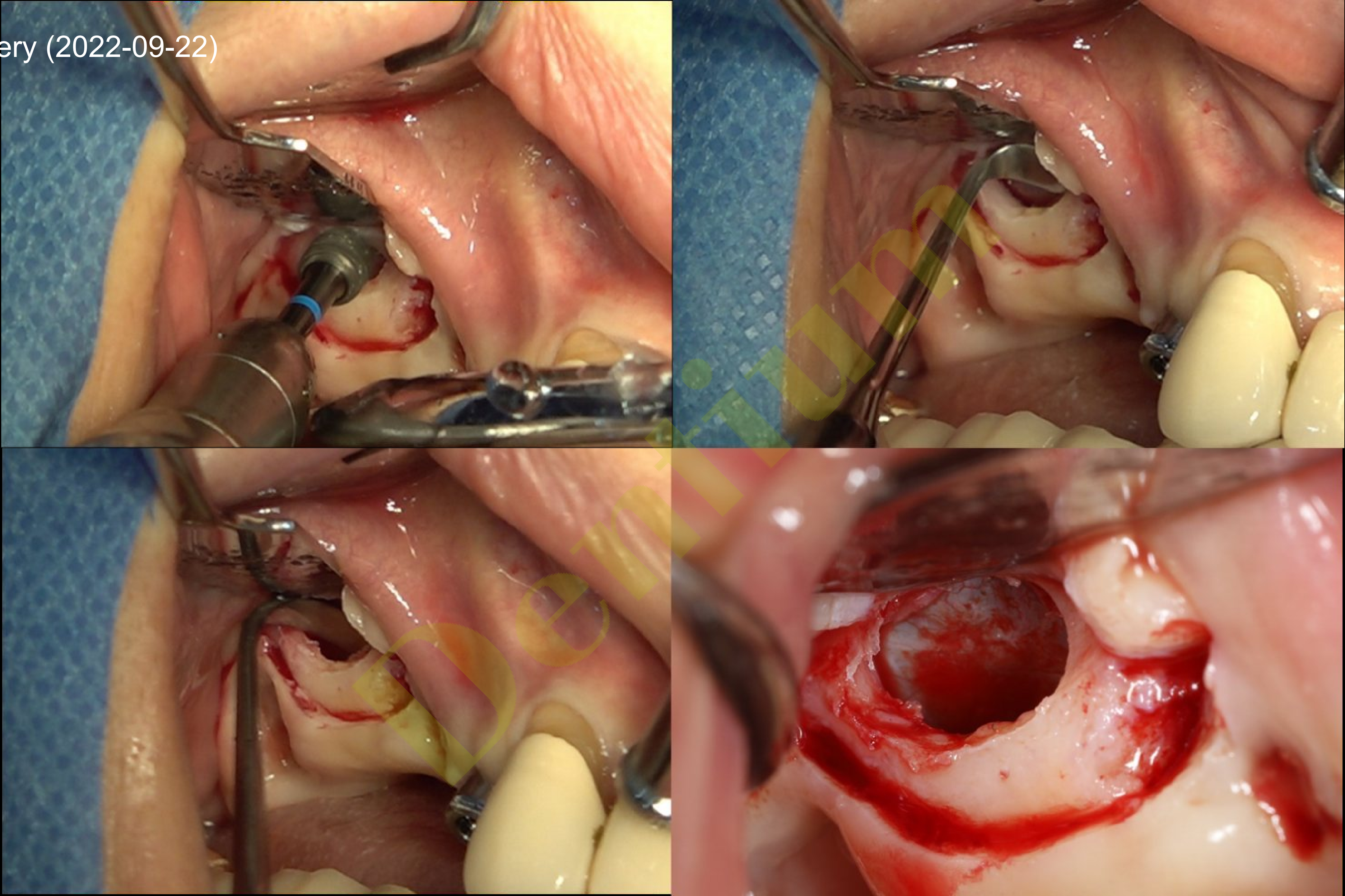


#14 bright TL (Ø2.5 X 11.0)

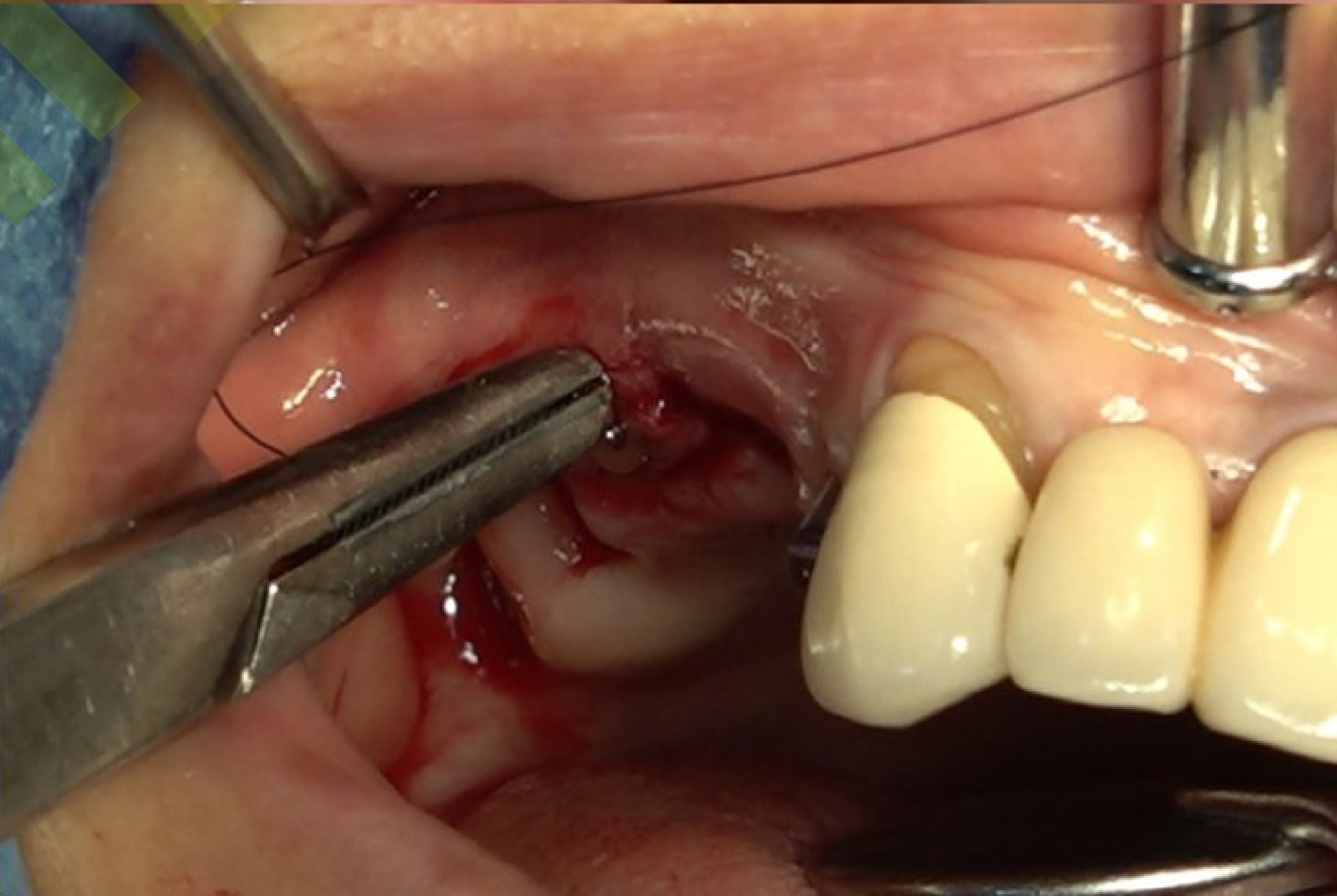
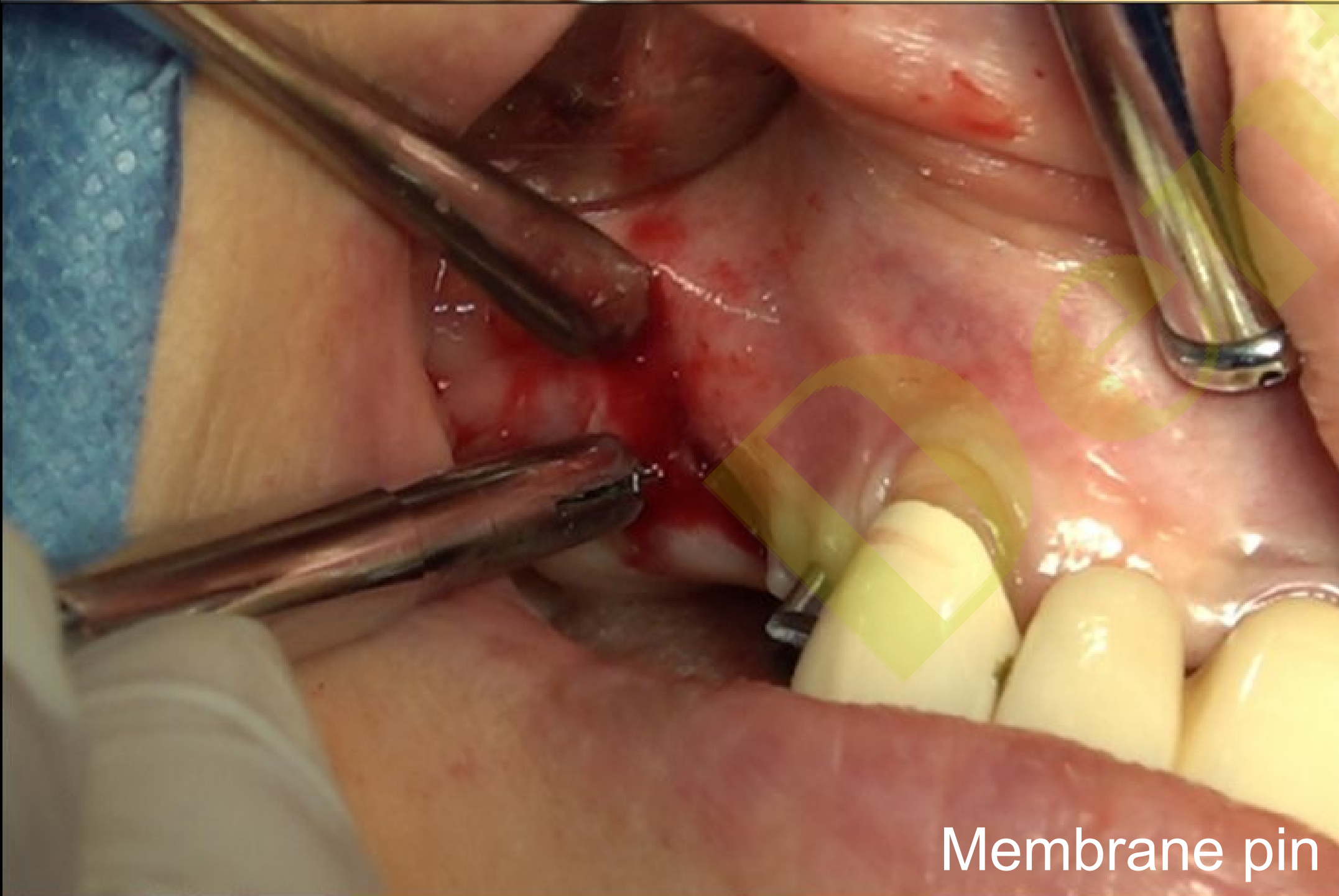
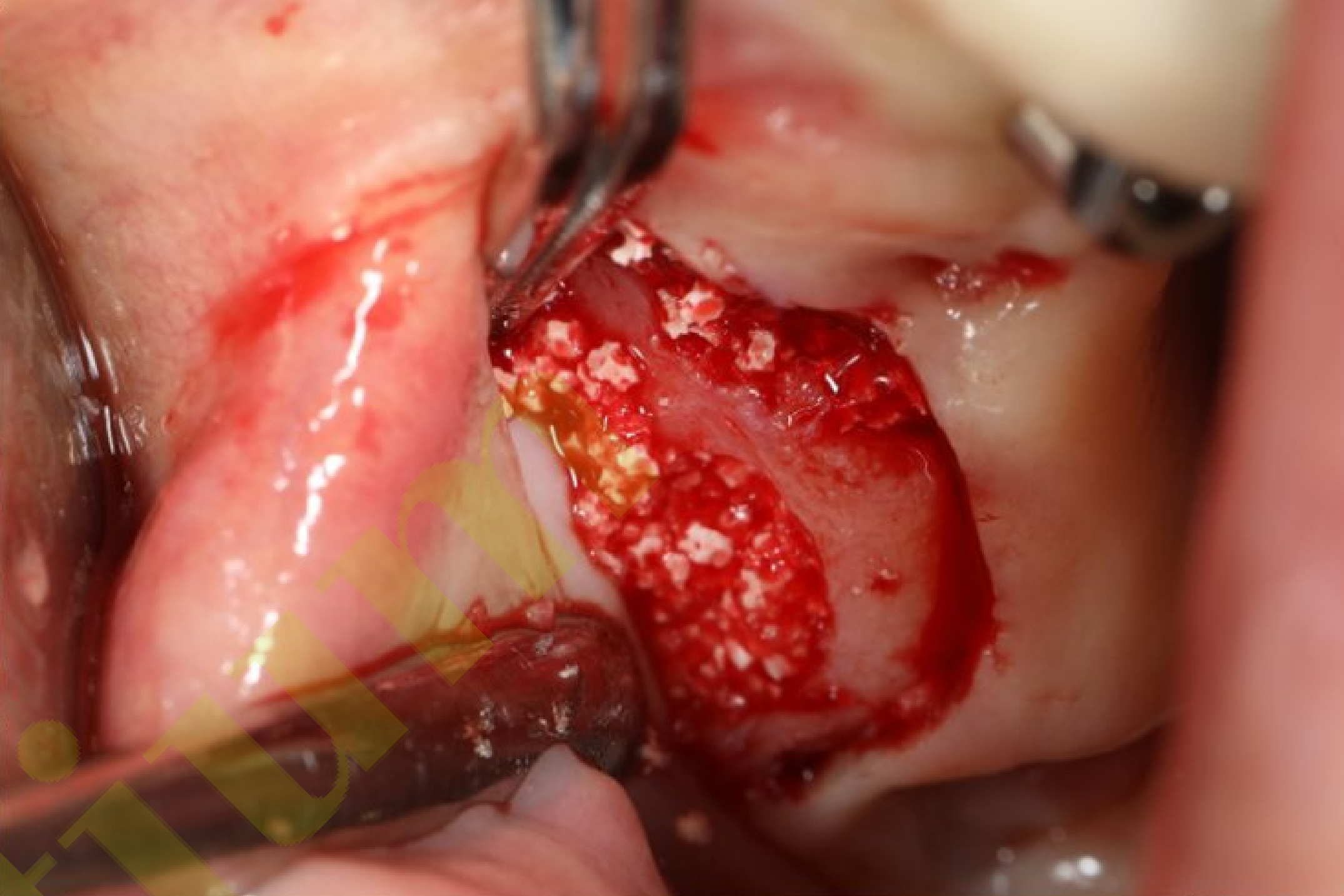
Surgery (2022-09-22)



Surgery (2022-09-22)



Surgery (2022-09-22)

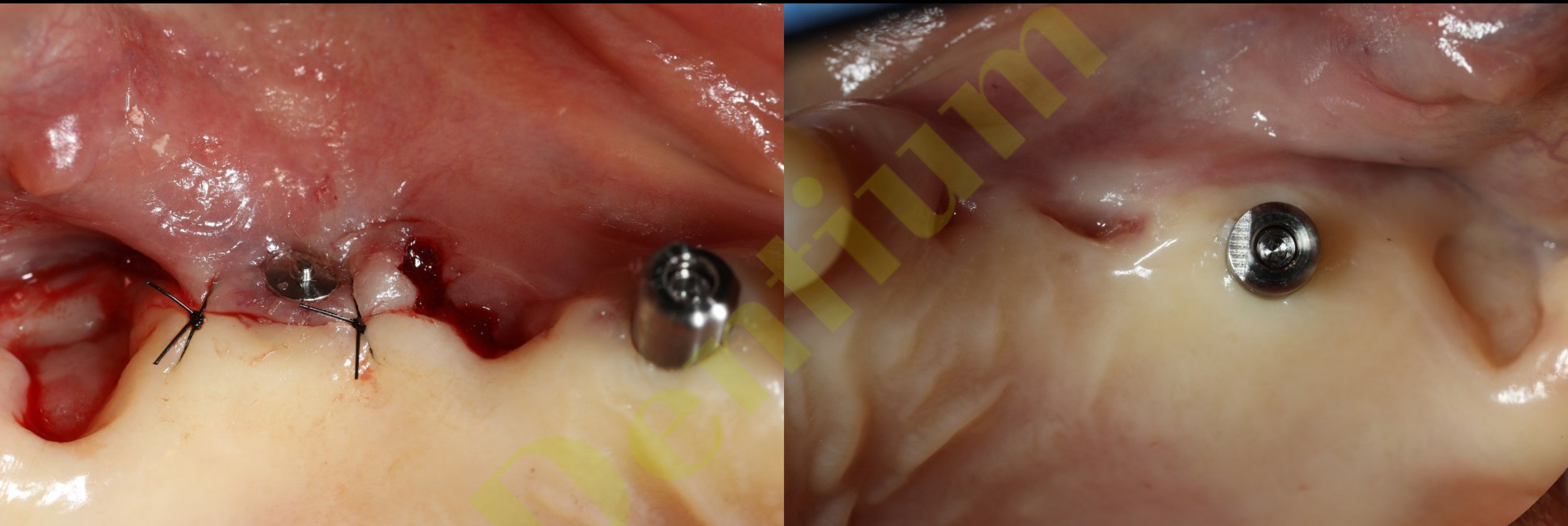


Surgery (2022-09-22)



The trust
ISQ (#15-75 / #26-81)

Post-op (2022-09-22)



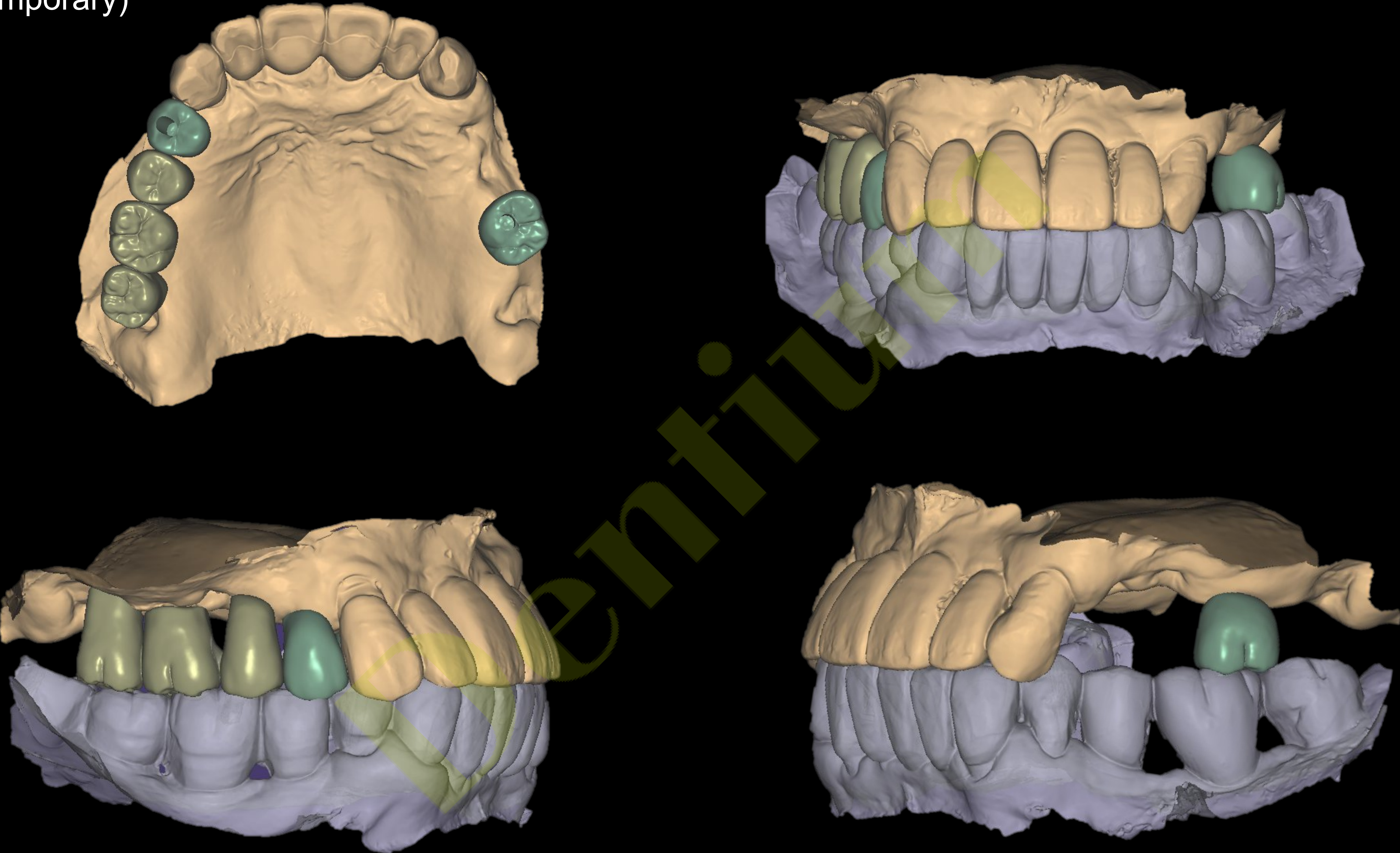
Healing : 3 weeks (2022-10-13)



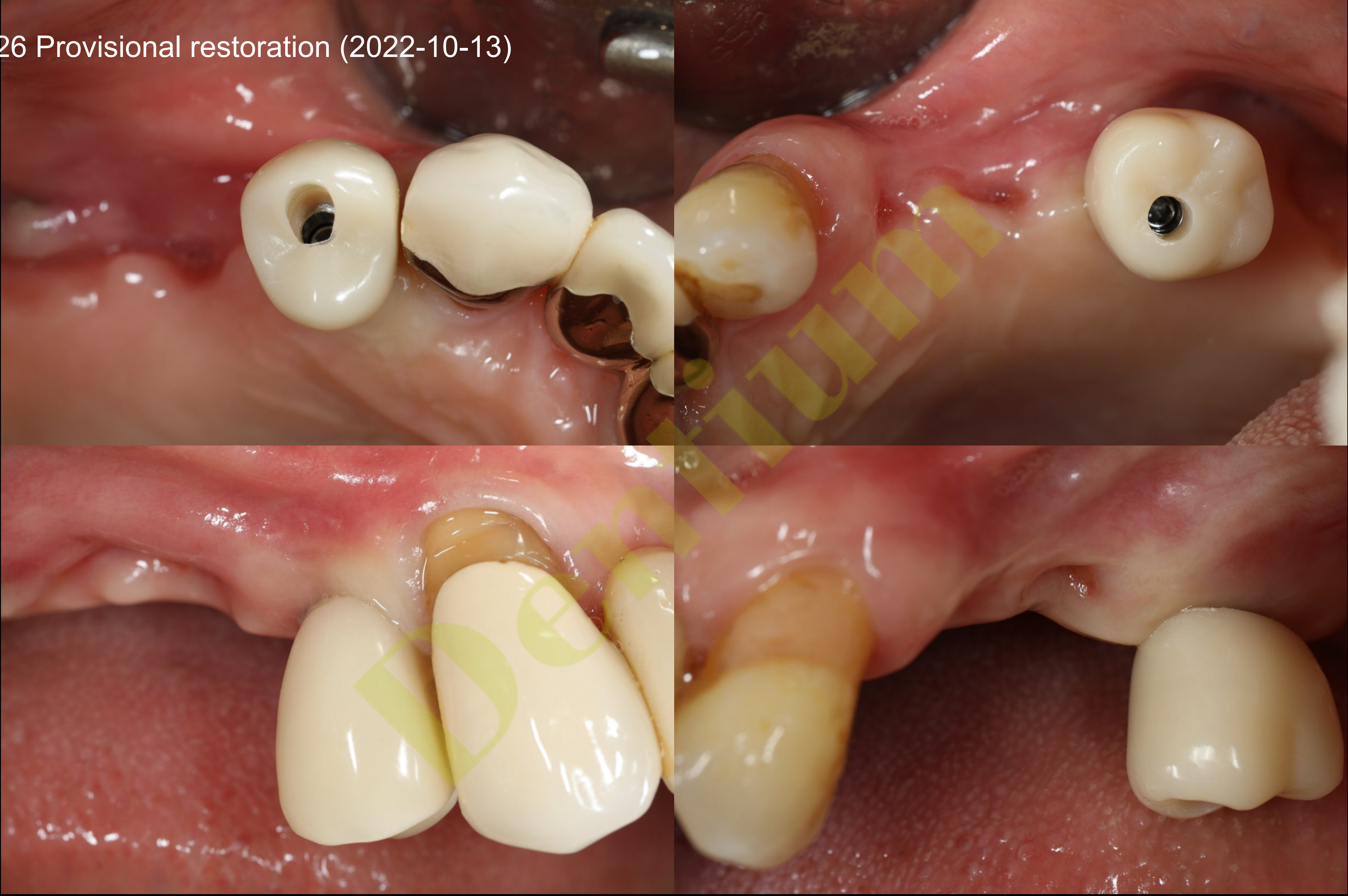
Intra Oral Scan for Temporary



CAD (Temporary)



#14,26 Provisional restoration (2022-10-13)

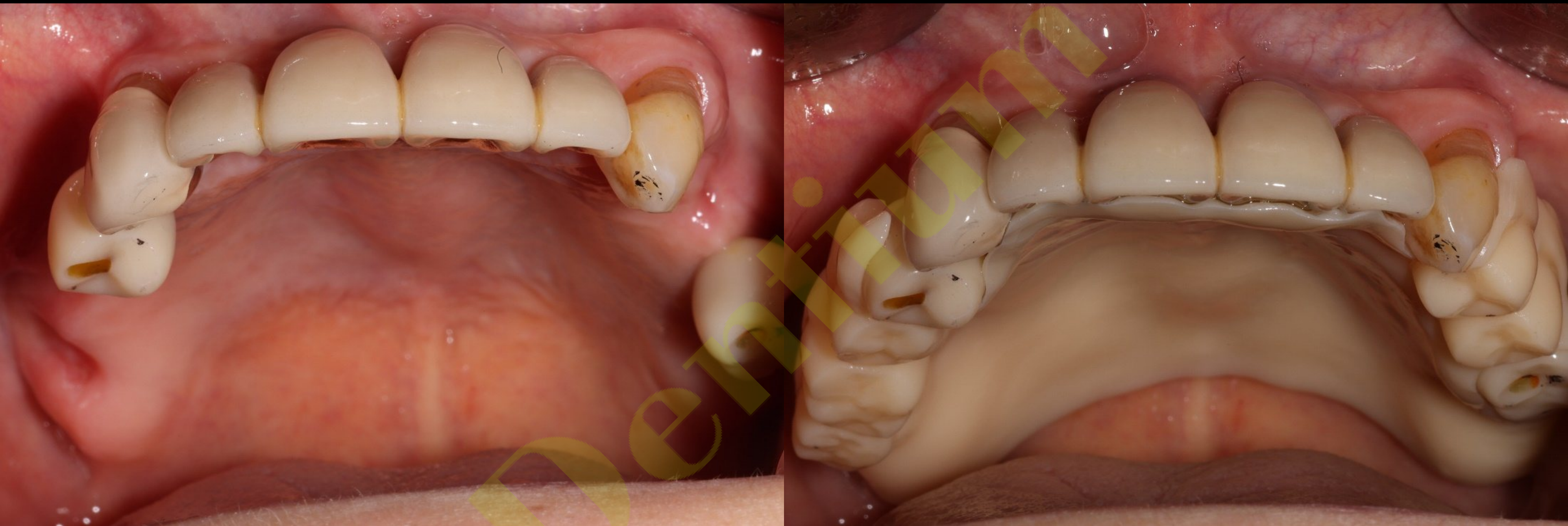


Intra Oral Scan for Temporary denture

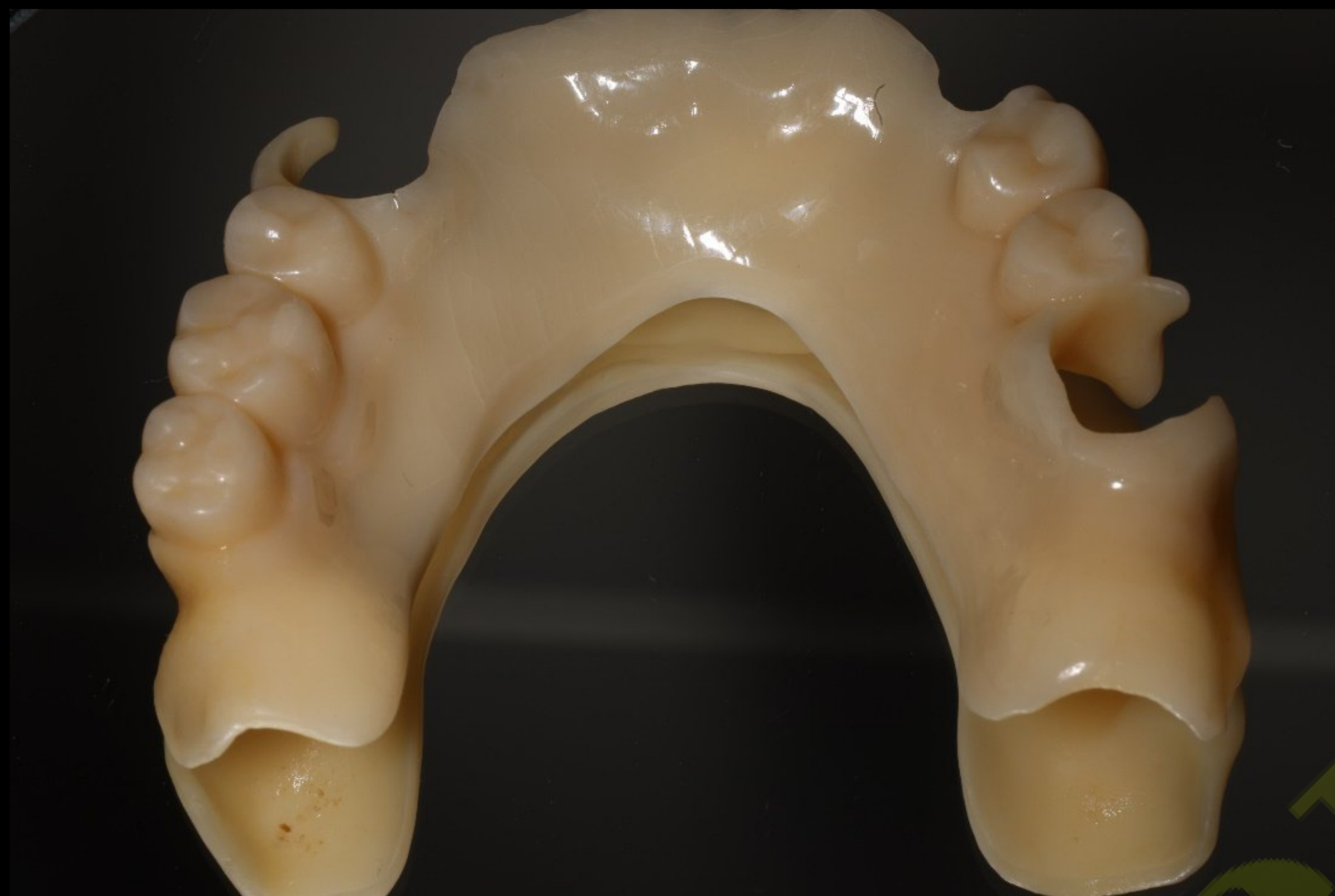


Temp denture





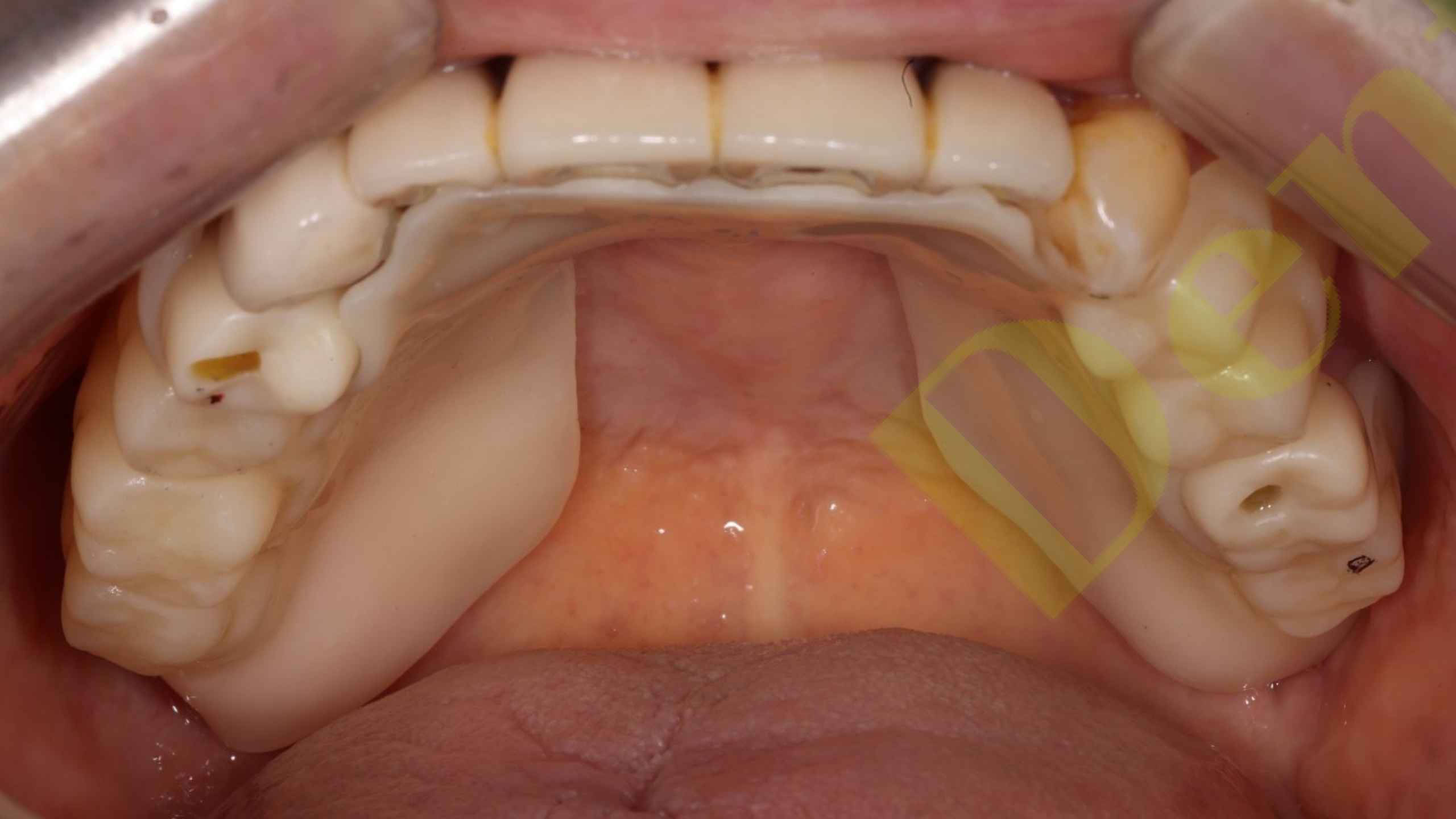
Re-make_50% Flexible denture



New Temp Denture adaption (2022-11-18)



Temp Denture CK (2022-12-14)



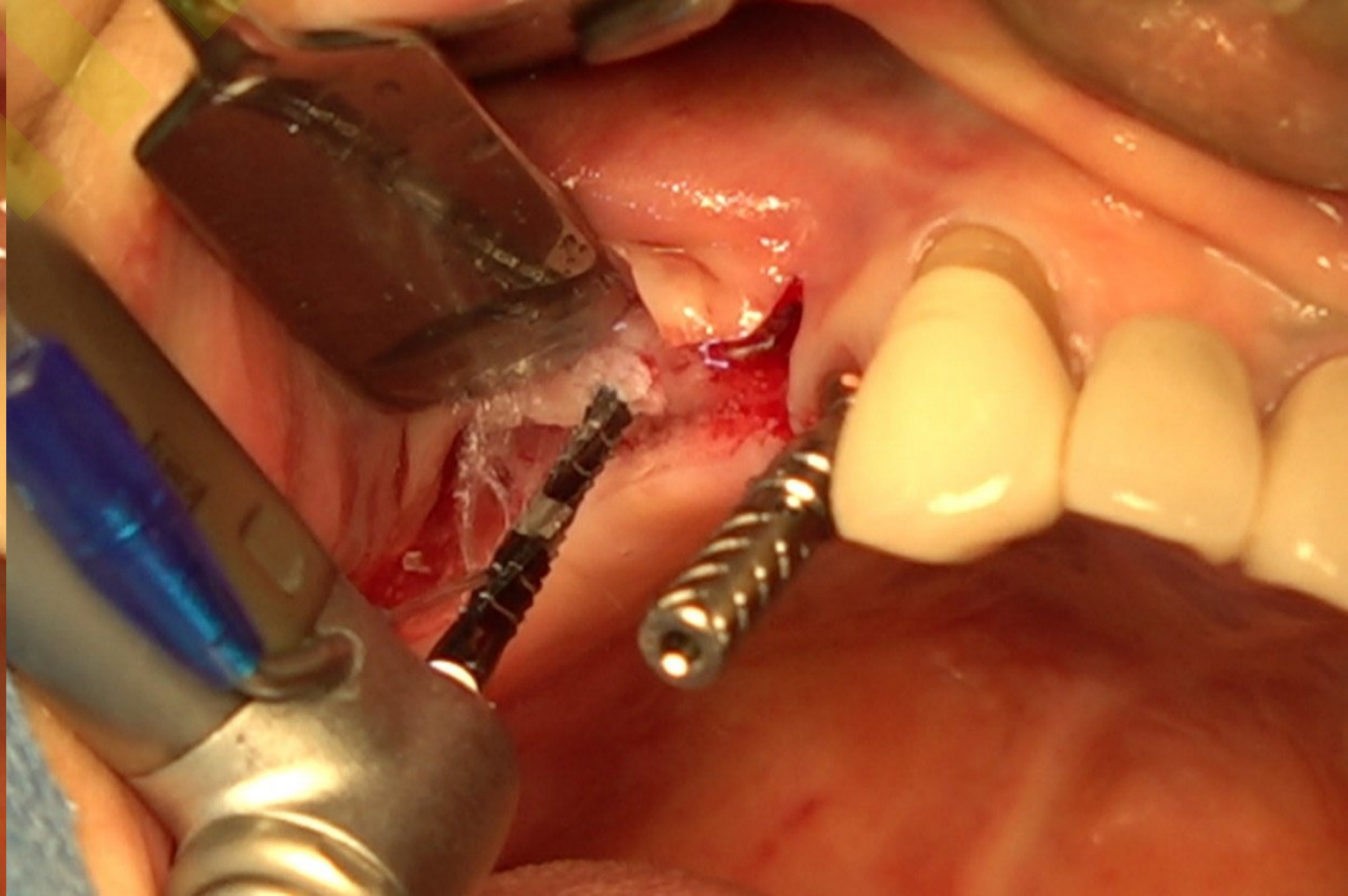
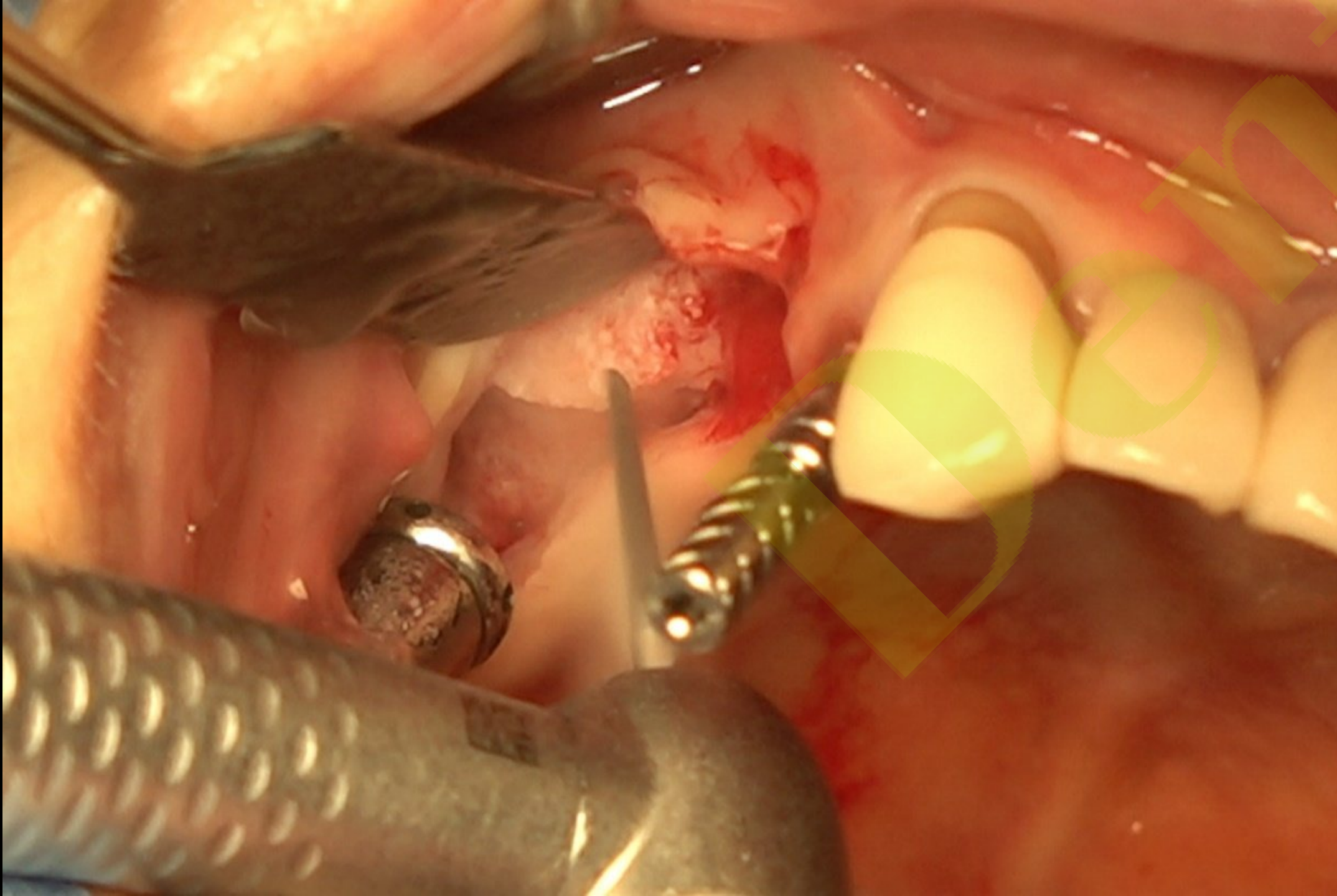
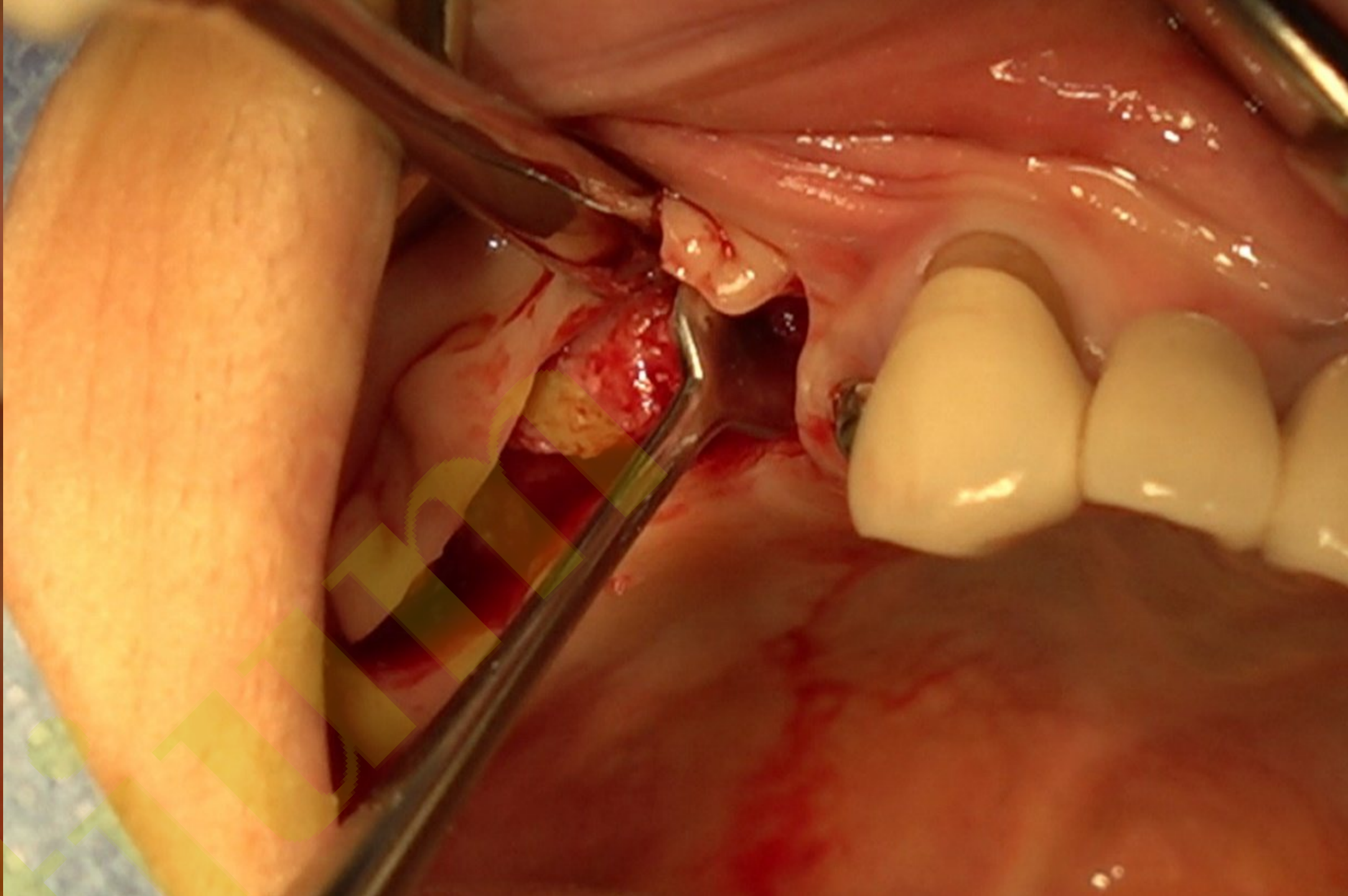
#16,17,24,27 Pre-op (2023-01-25)



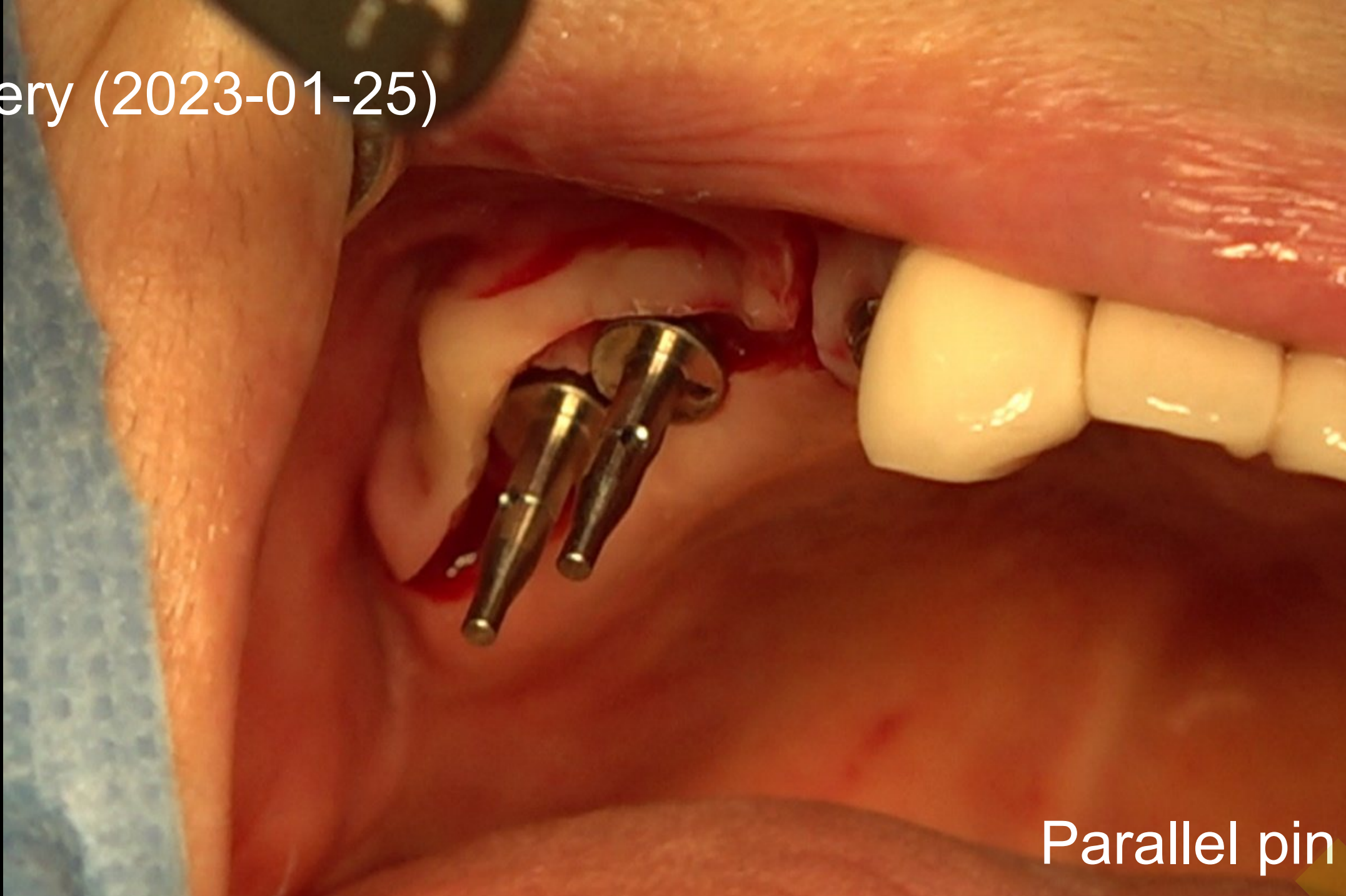
Surgery (2023-01-25)



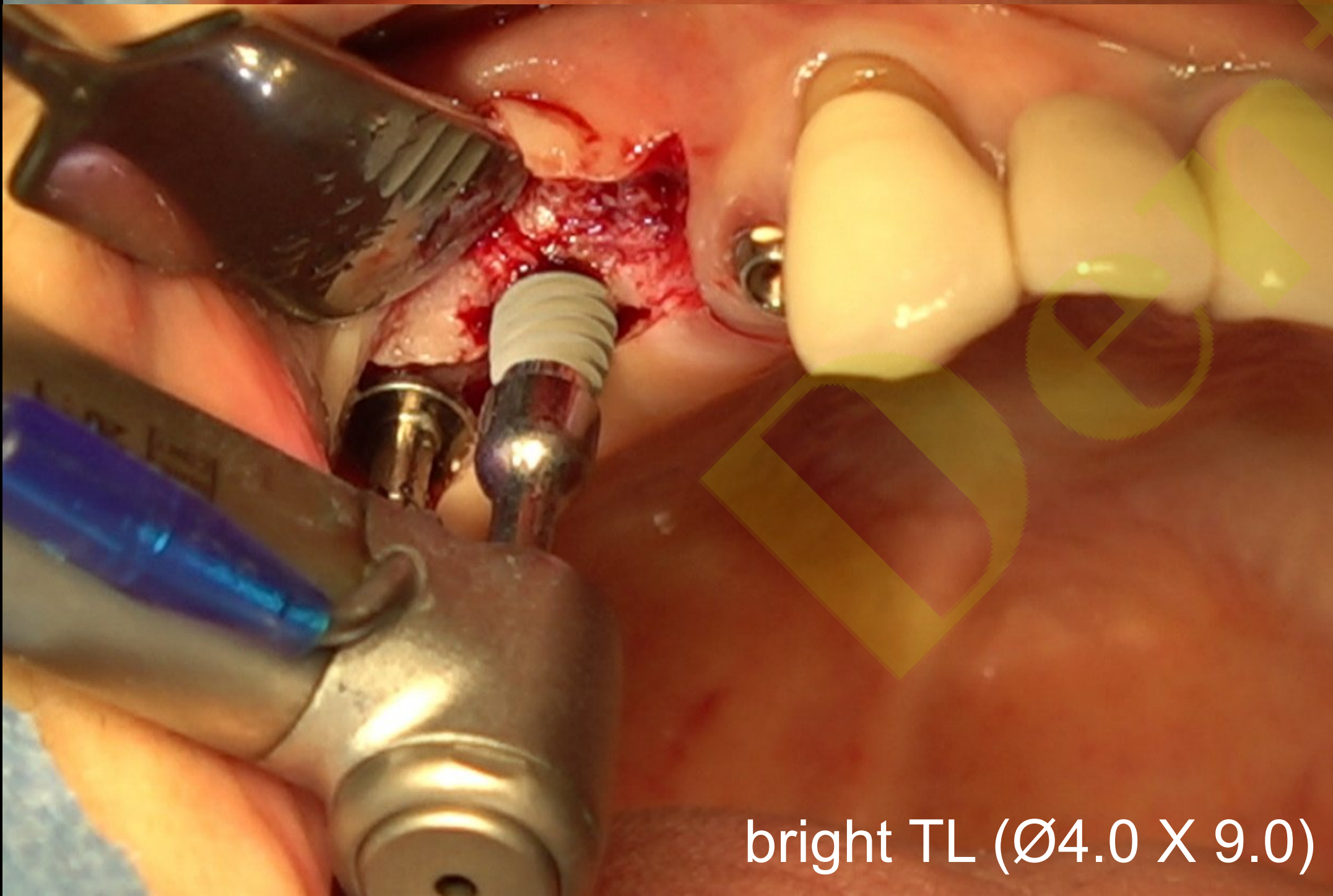
Incision



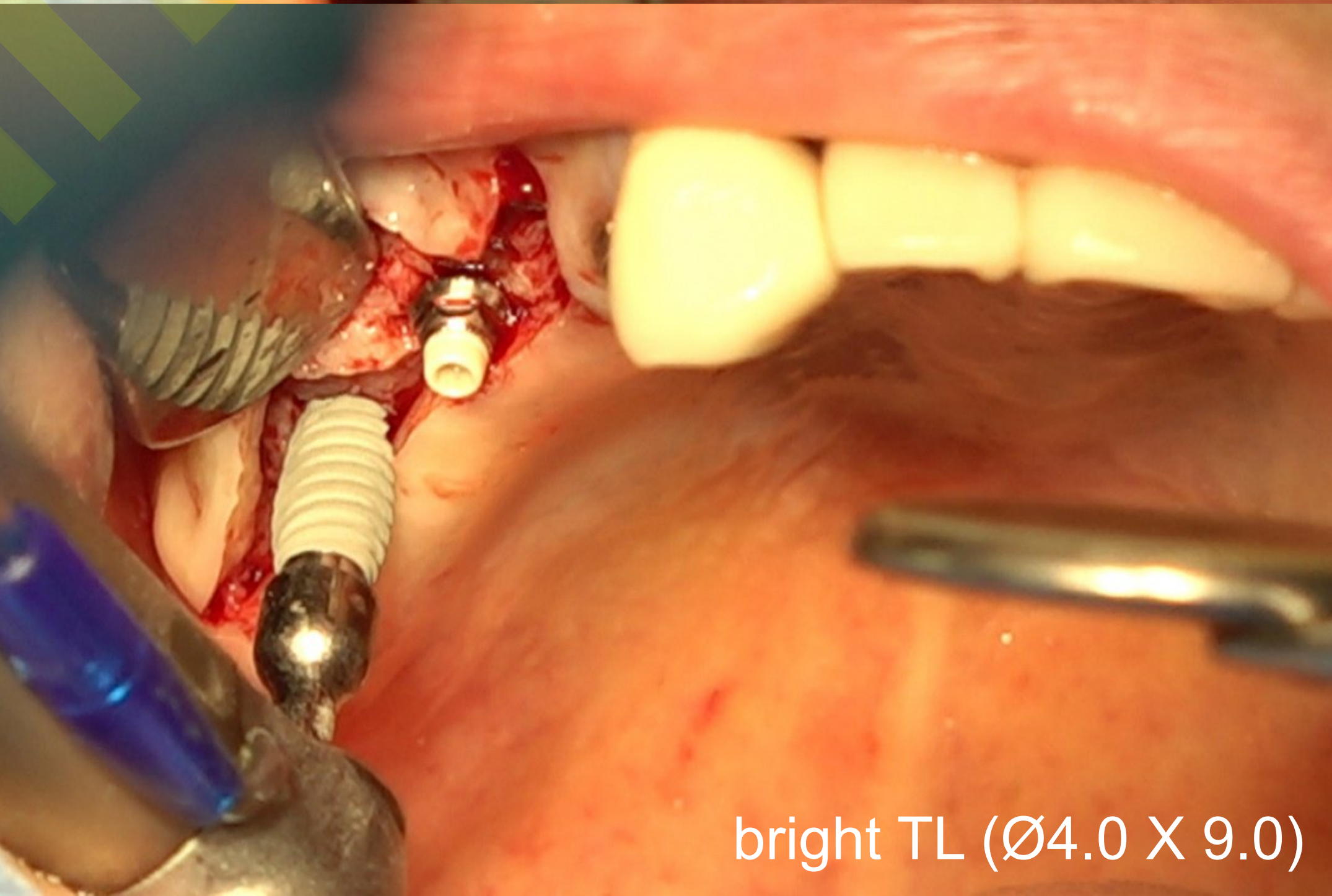
Surgery (2023-01-25)



Parallel pin



bright TL (Ø4.0 X 9.0)

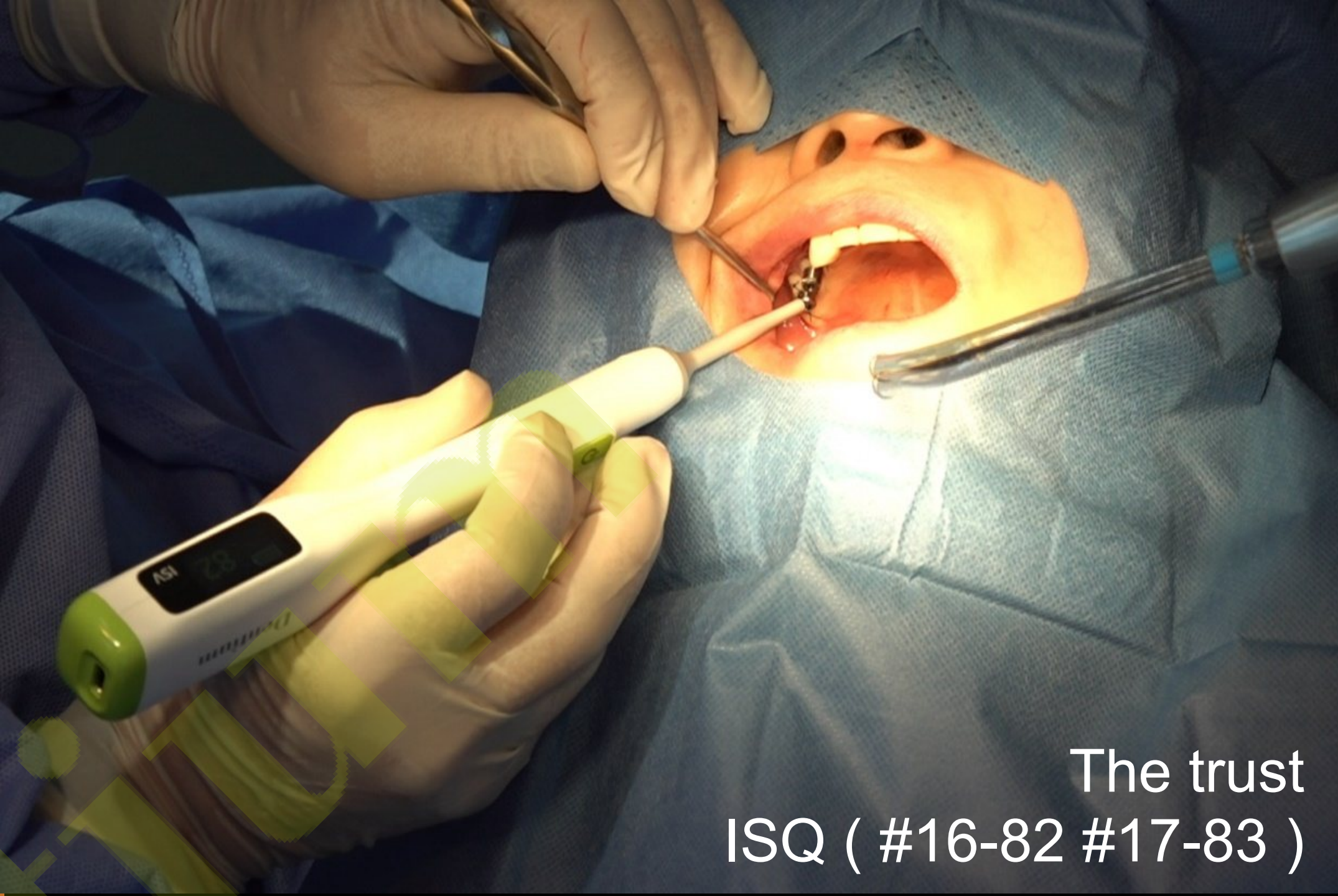


bright TL (Ø4.0 X 9.0)

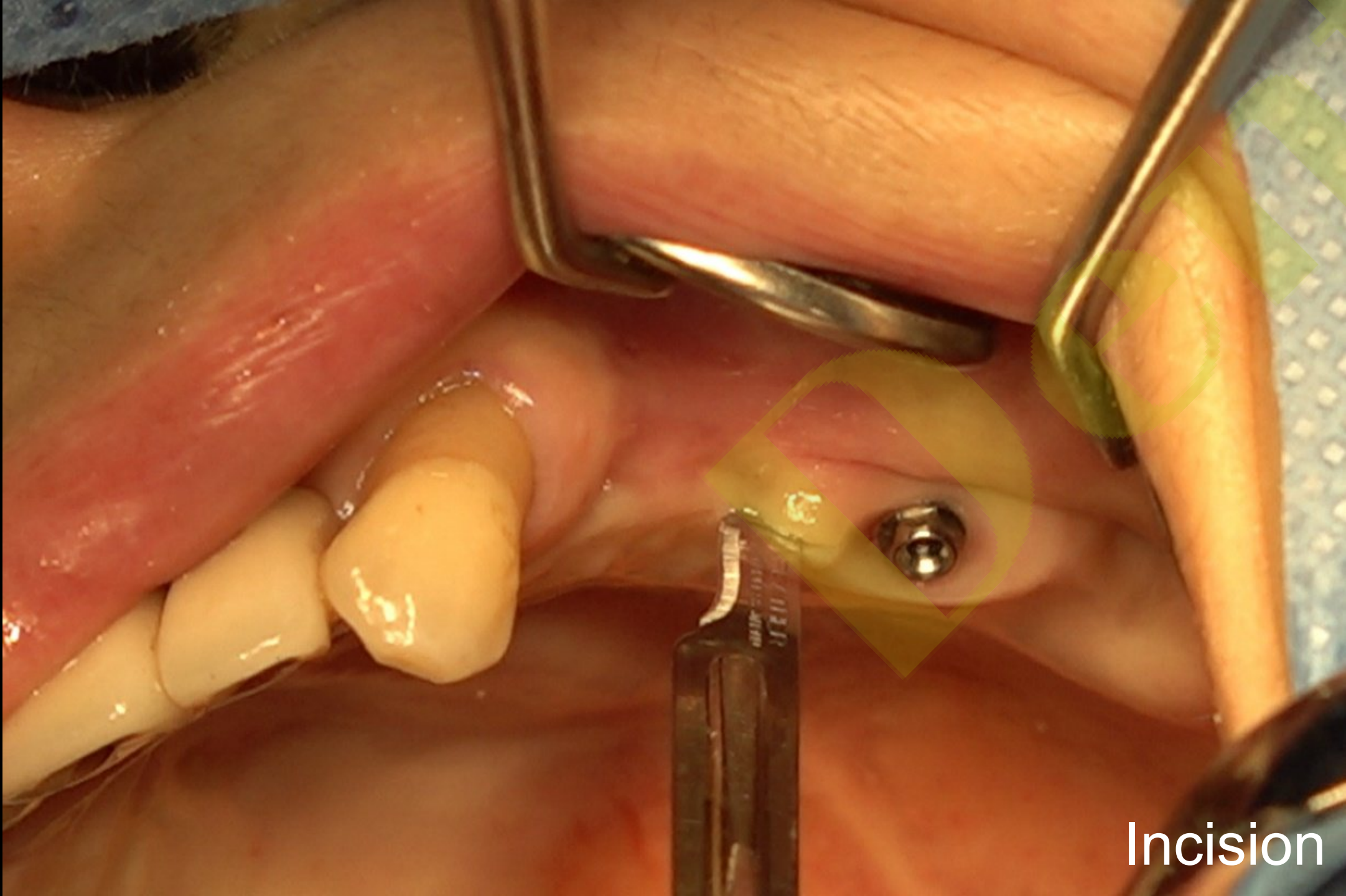
Surgery (2023-01-25)



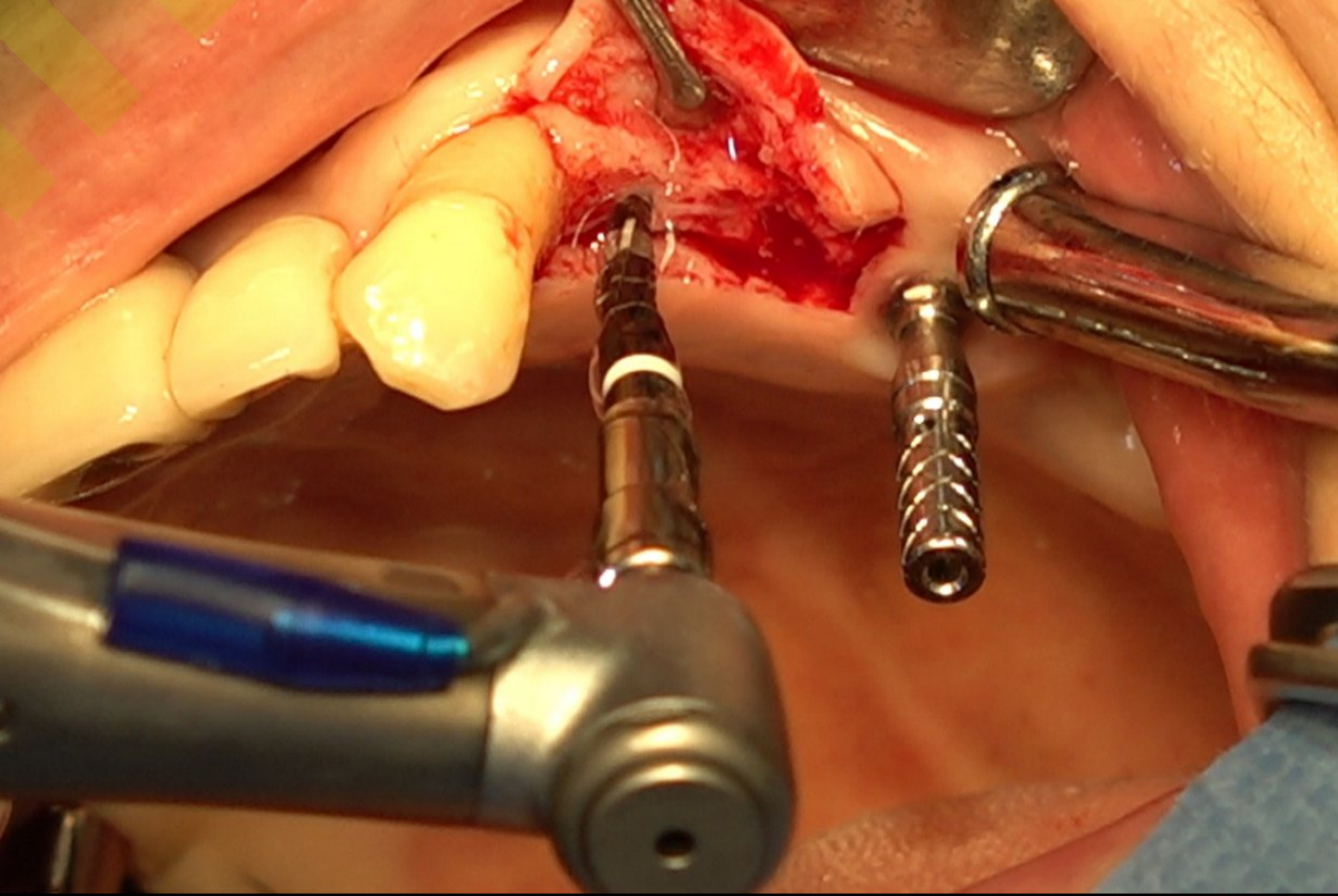
Suture



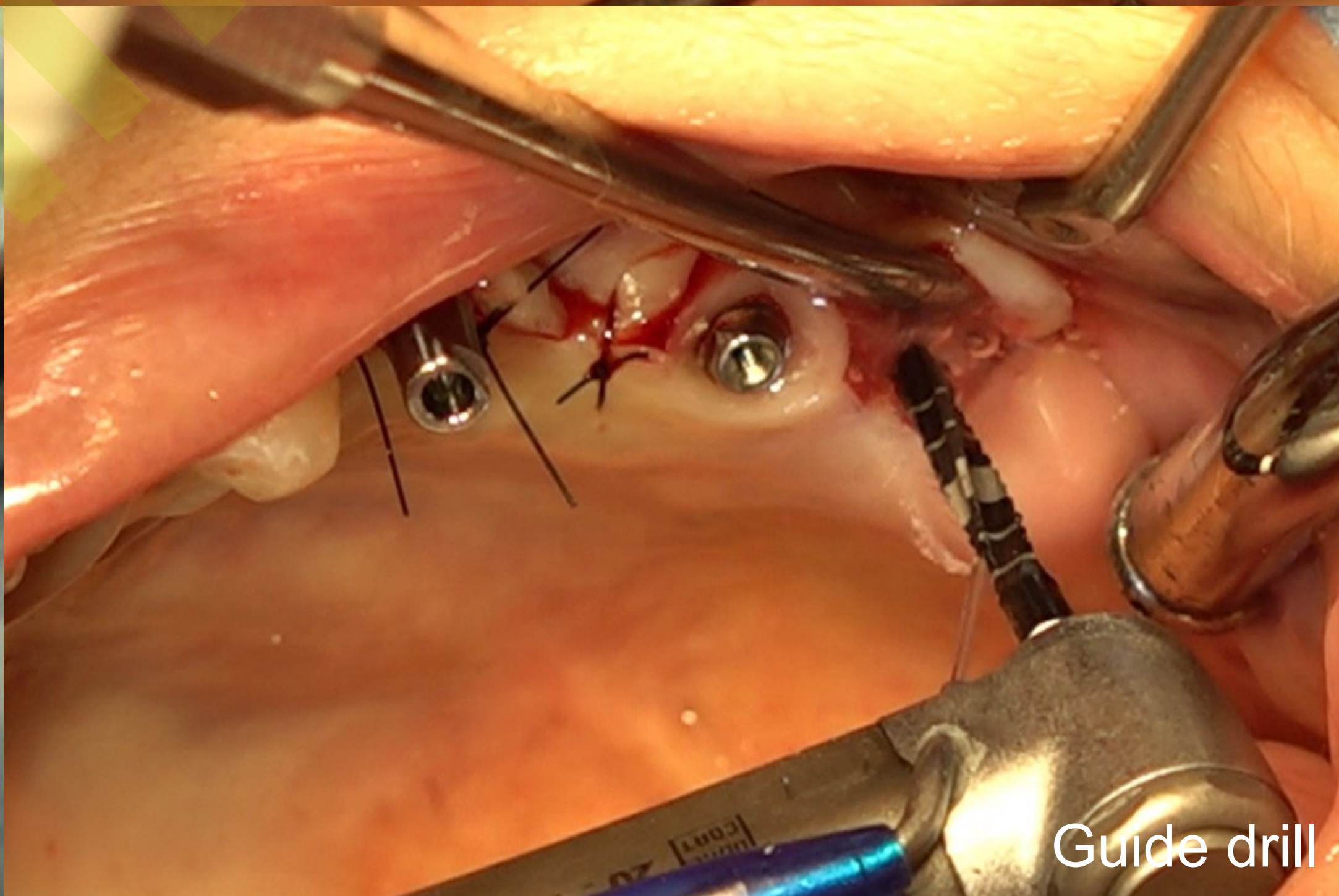
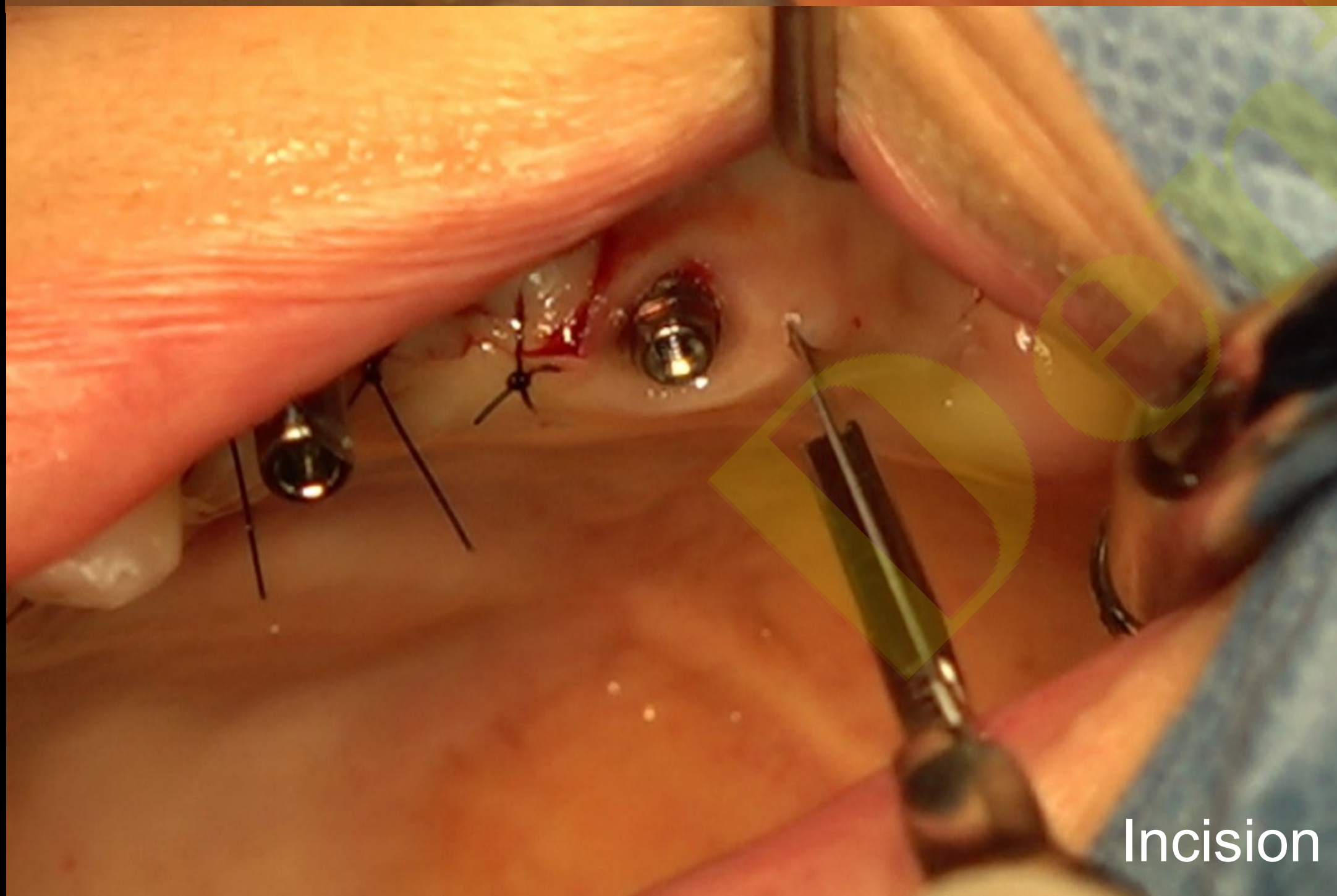
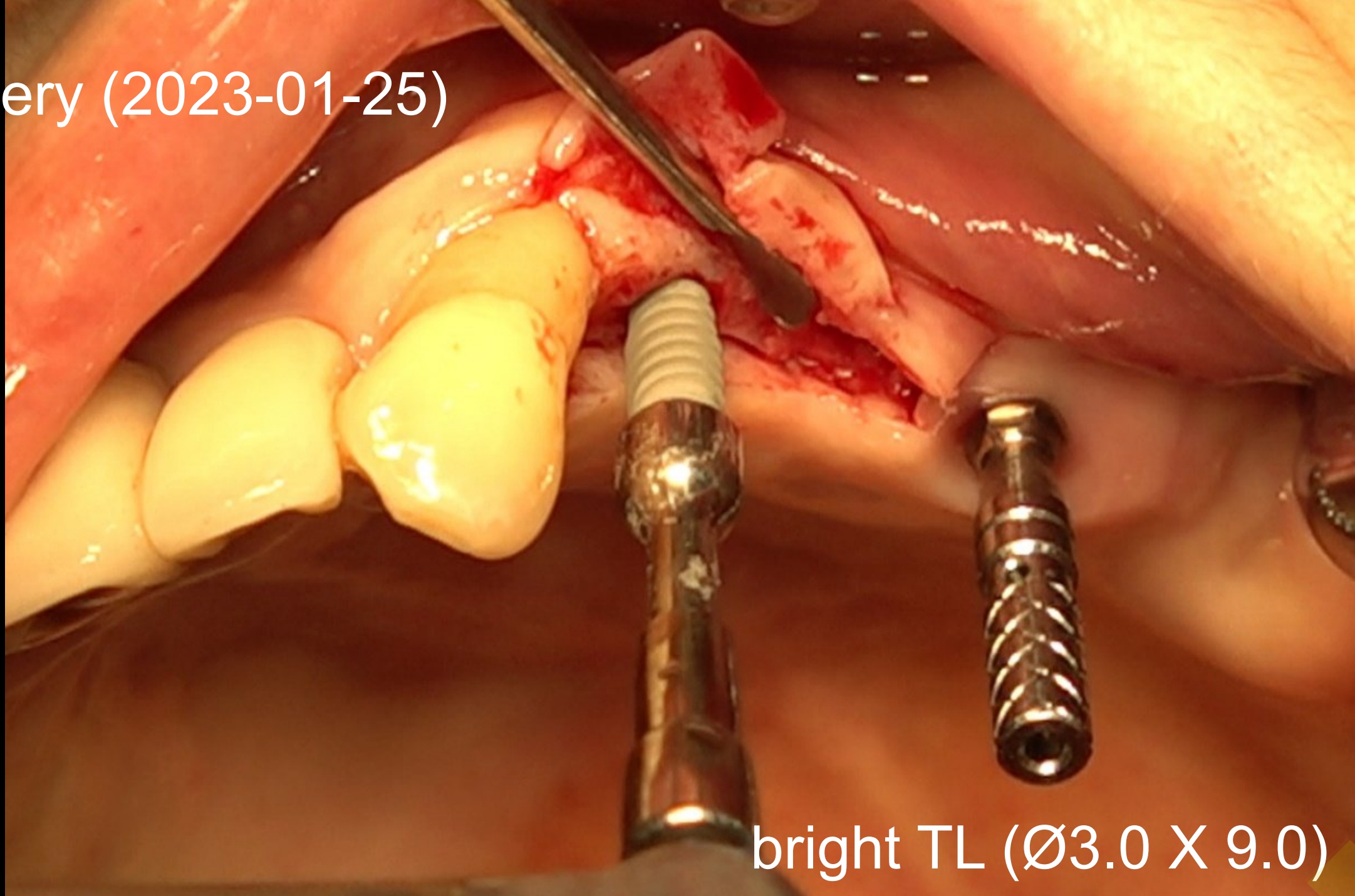
The trust
ISQ (#16-82 #17-83)



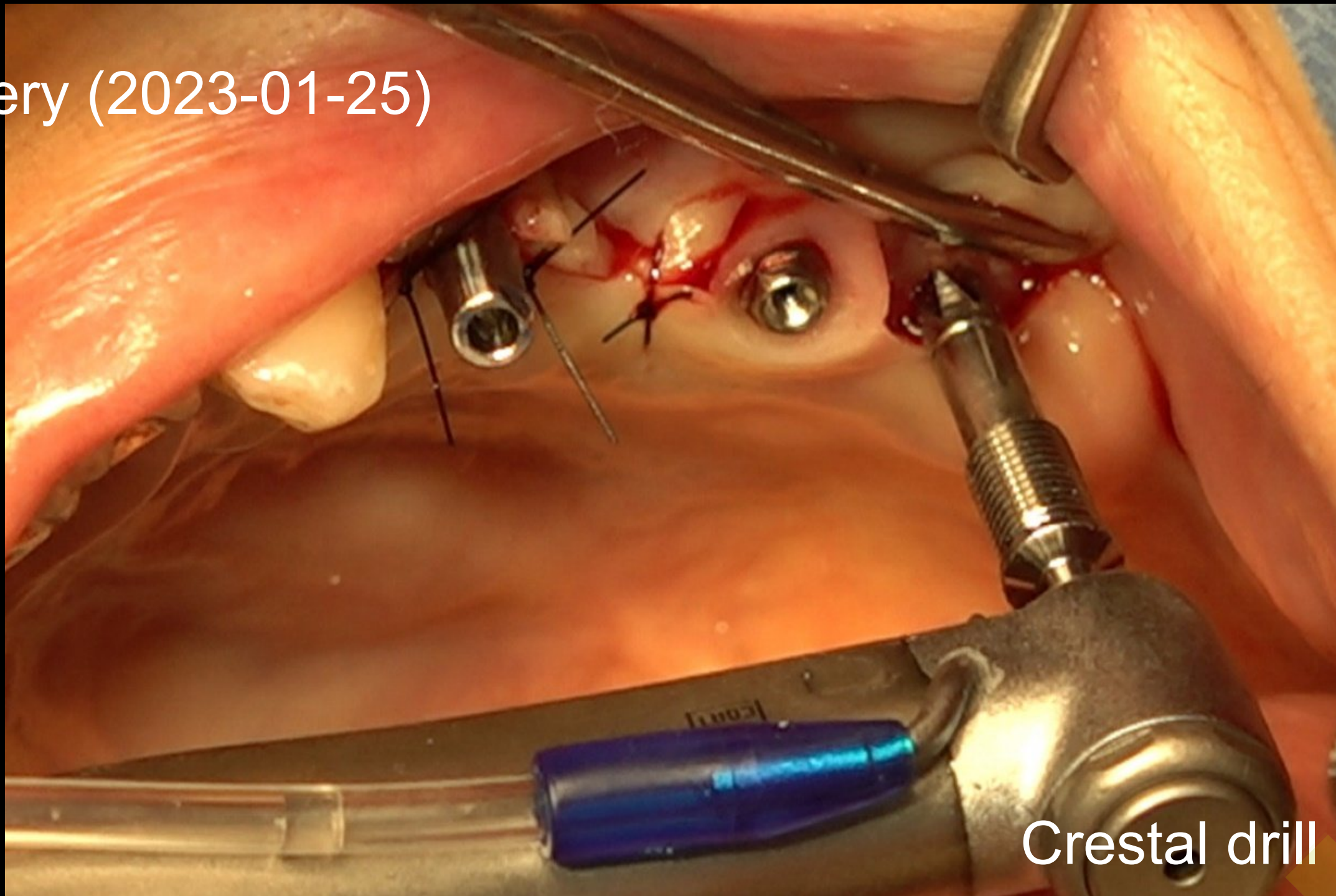
Incision



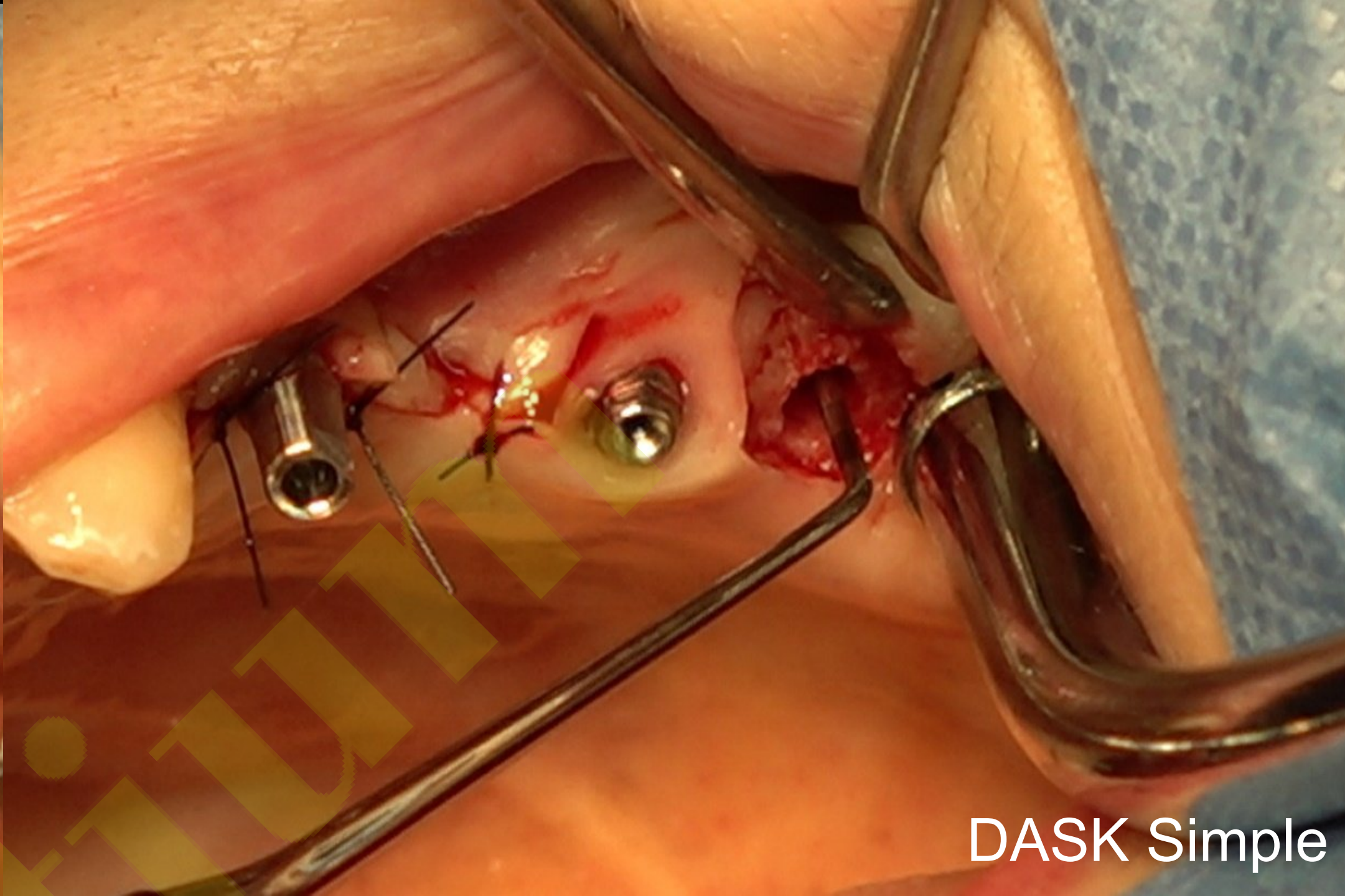
Surgery (2023-01-25)



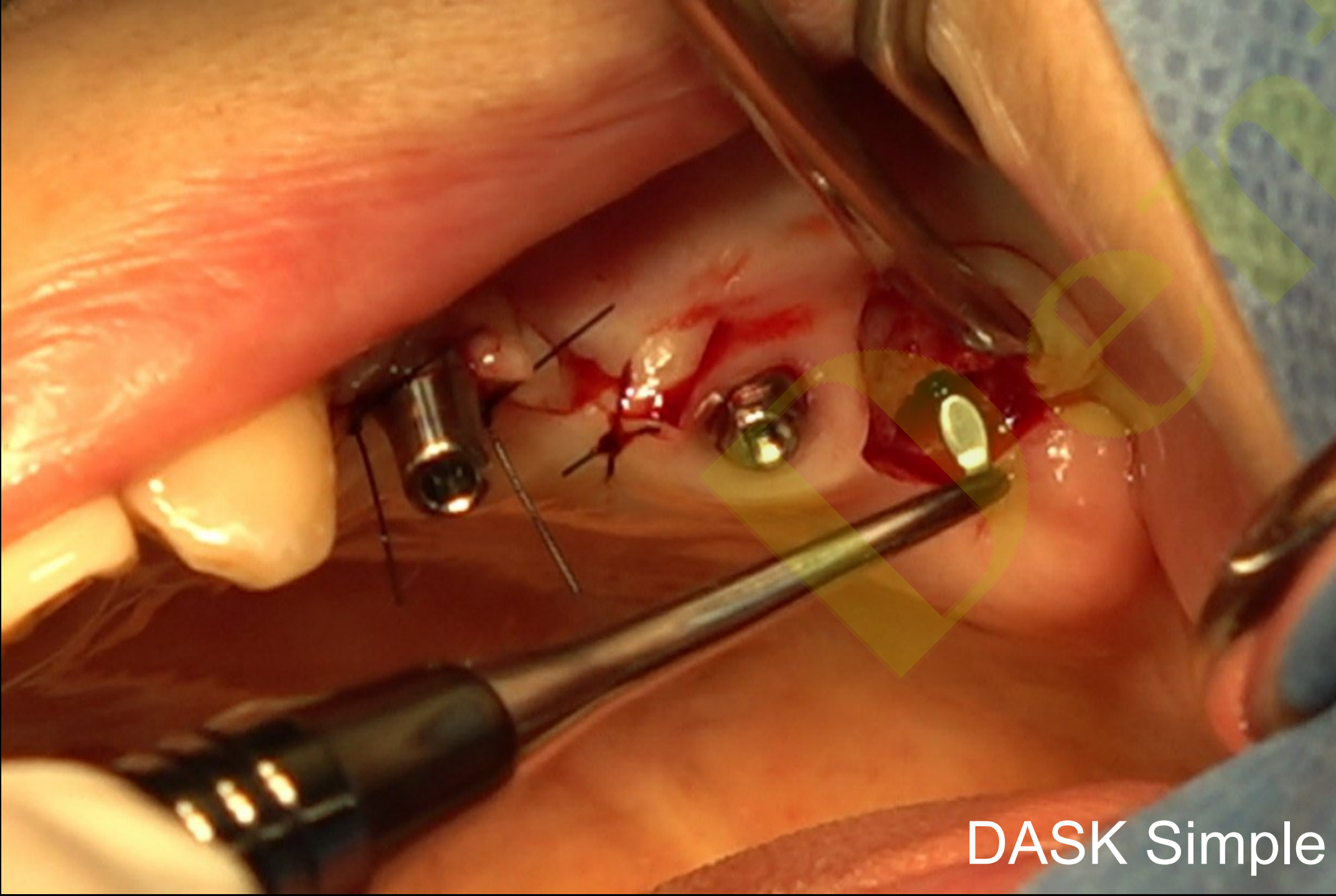
Surgery (2023-01-25)



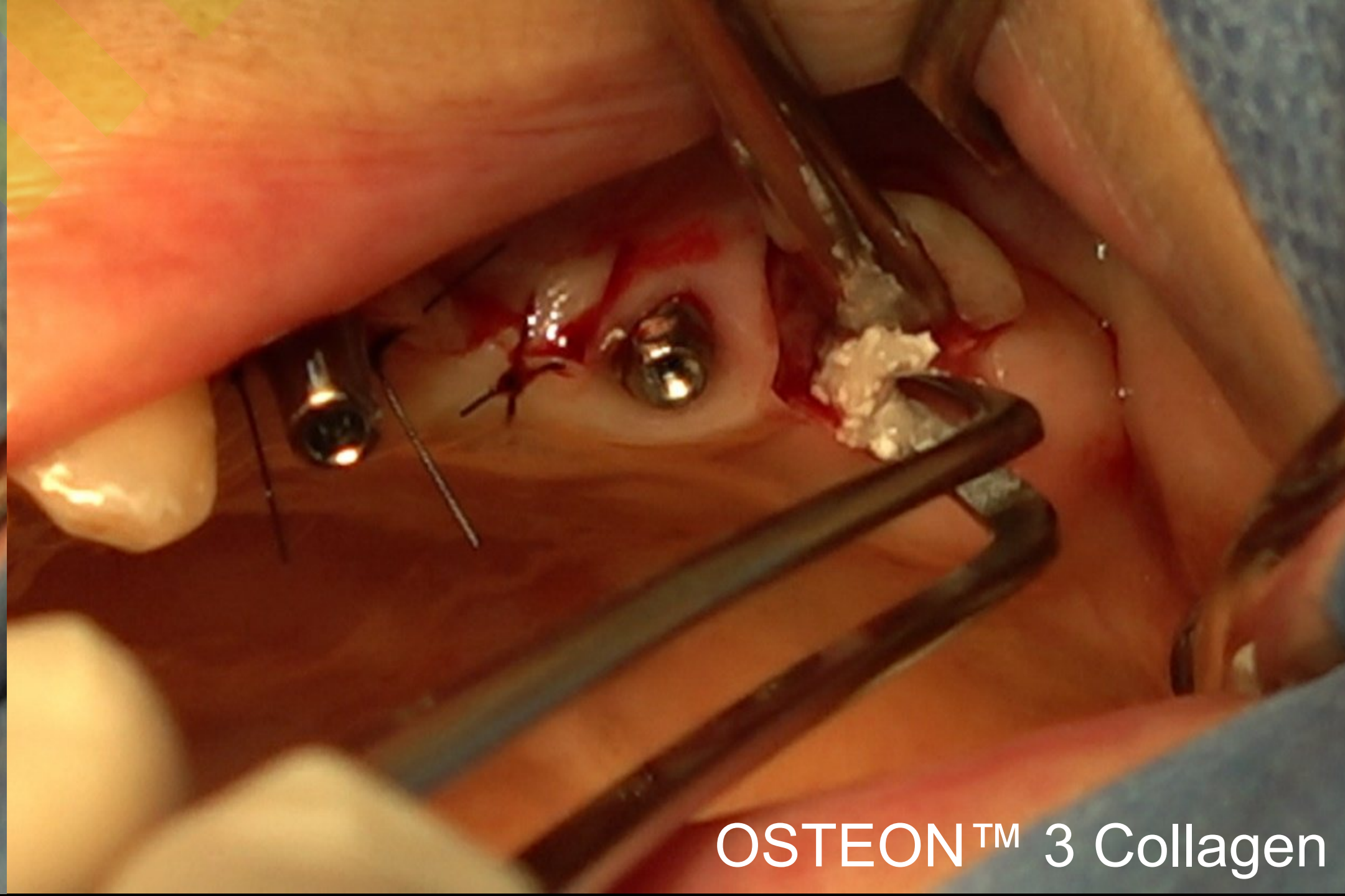
Crestal drill



DASK Simple

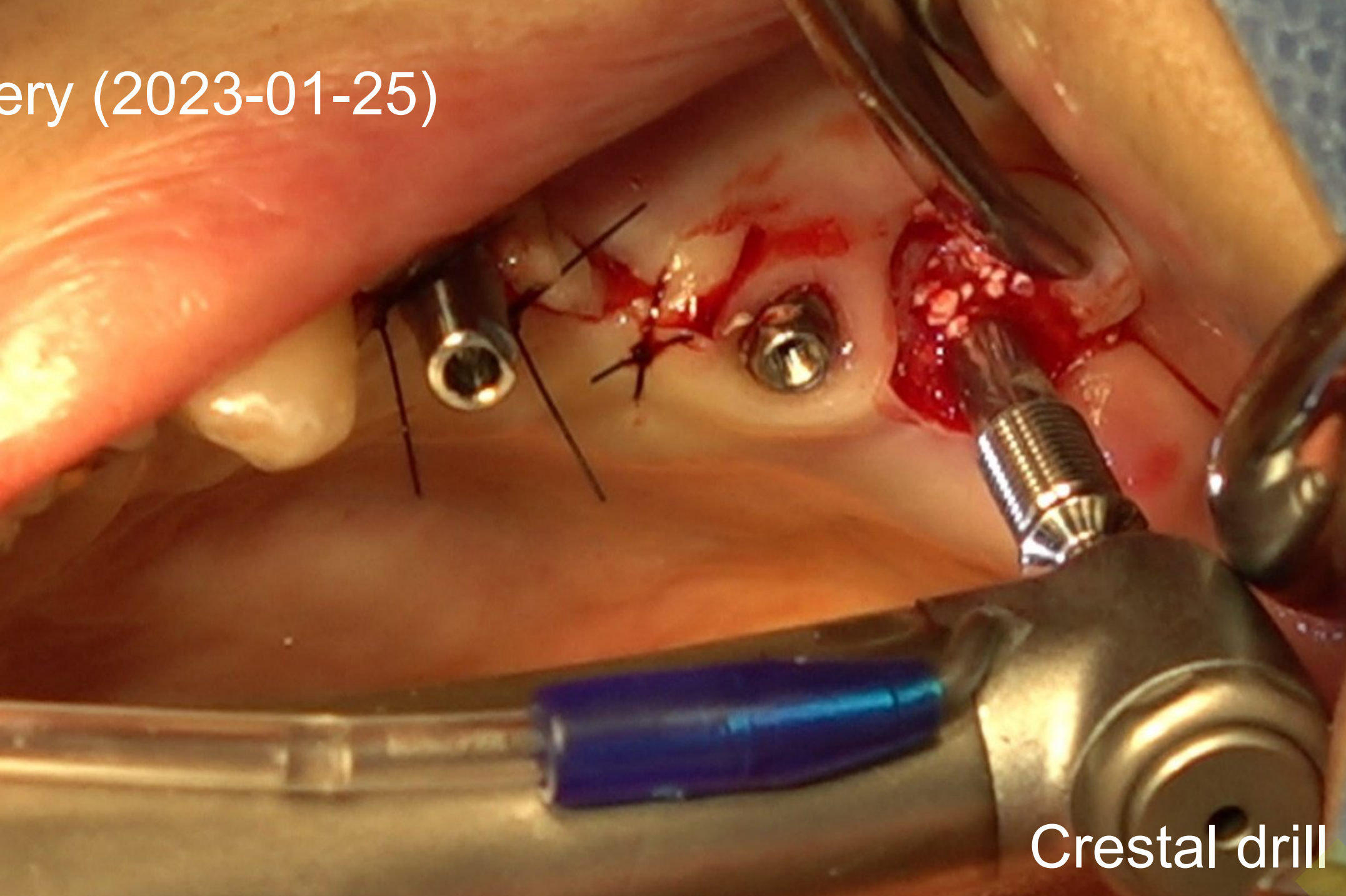


DASK Simple

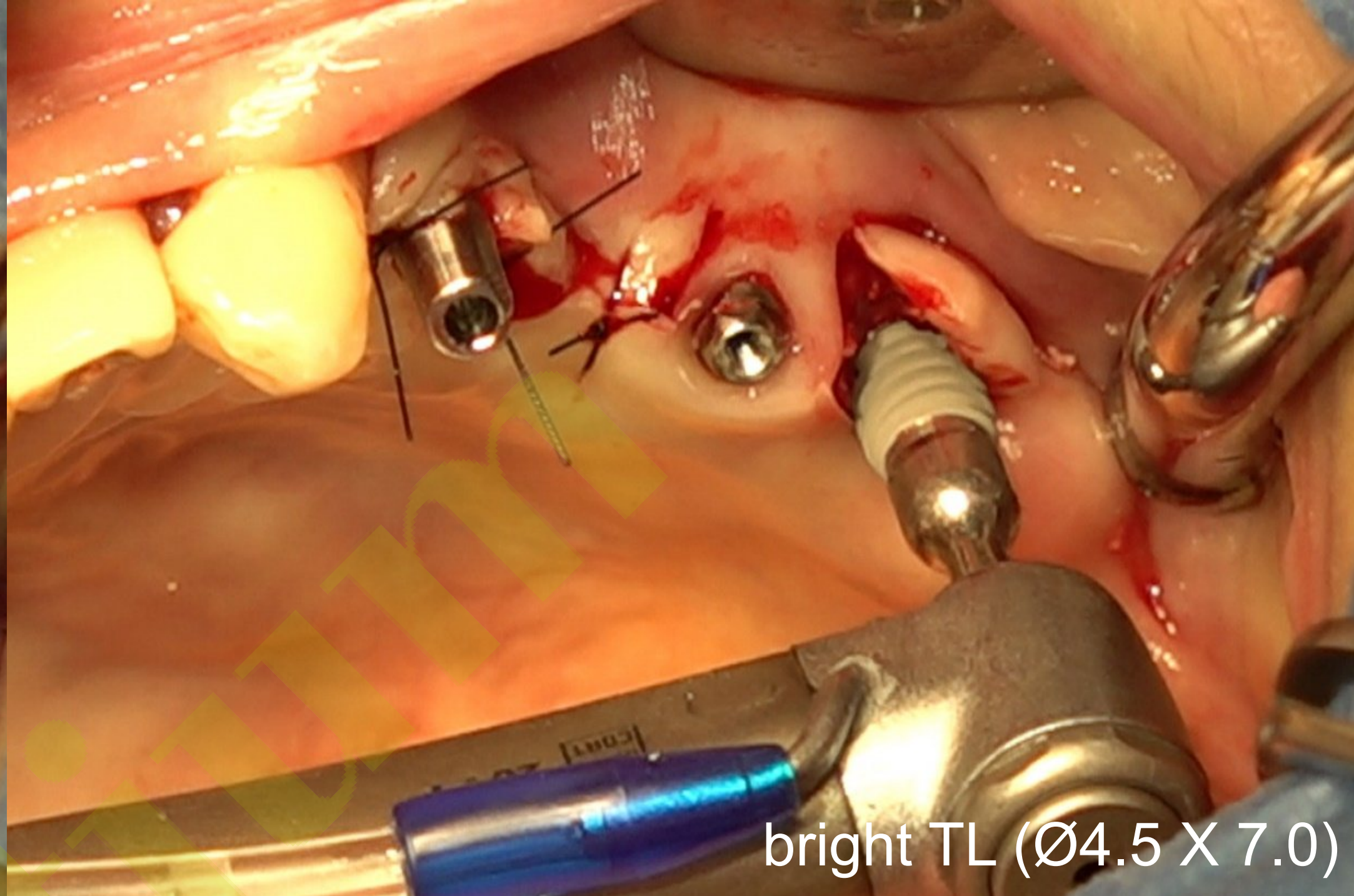


OSTEON™ 3 Collagen

Surgery (2023-01-25)



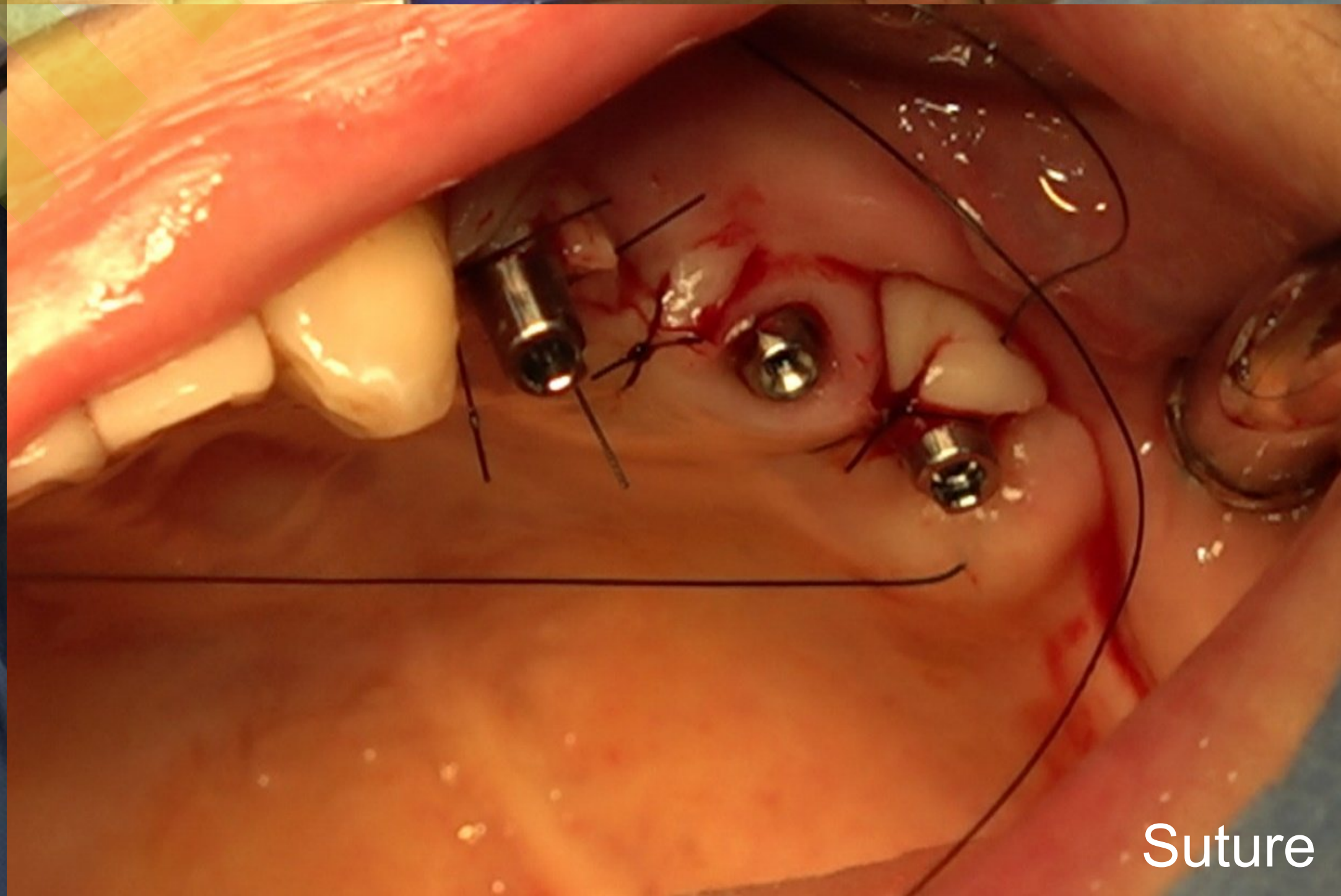
Crestal drill



bright TL (Ø4.5 X 7.0)

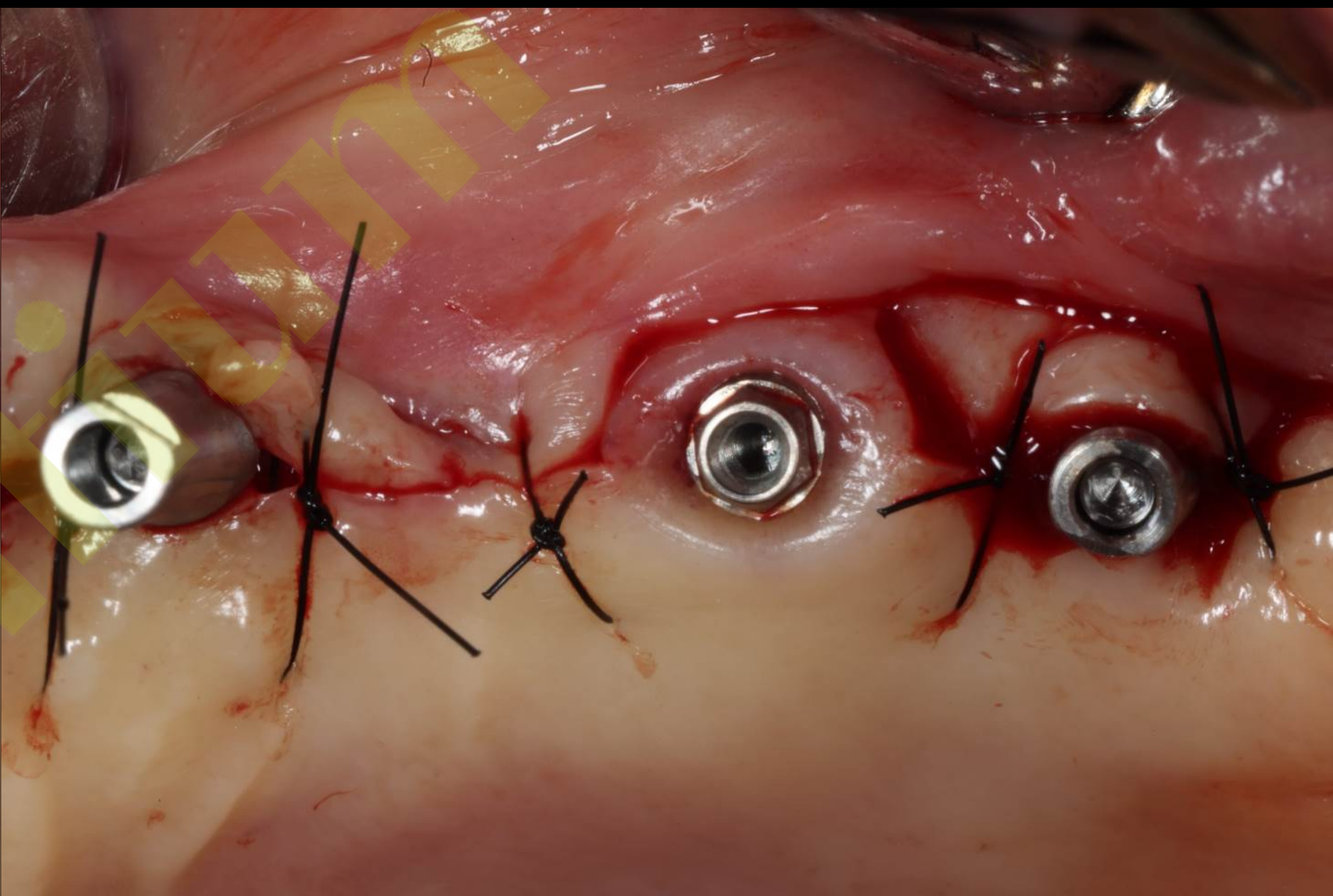
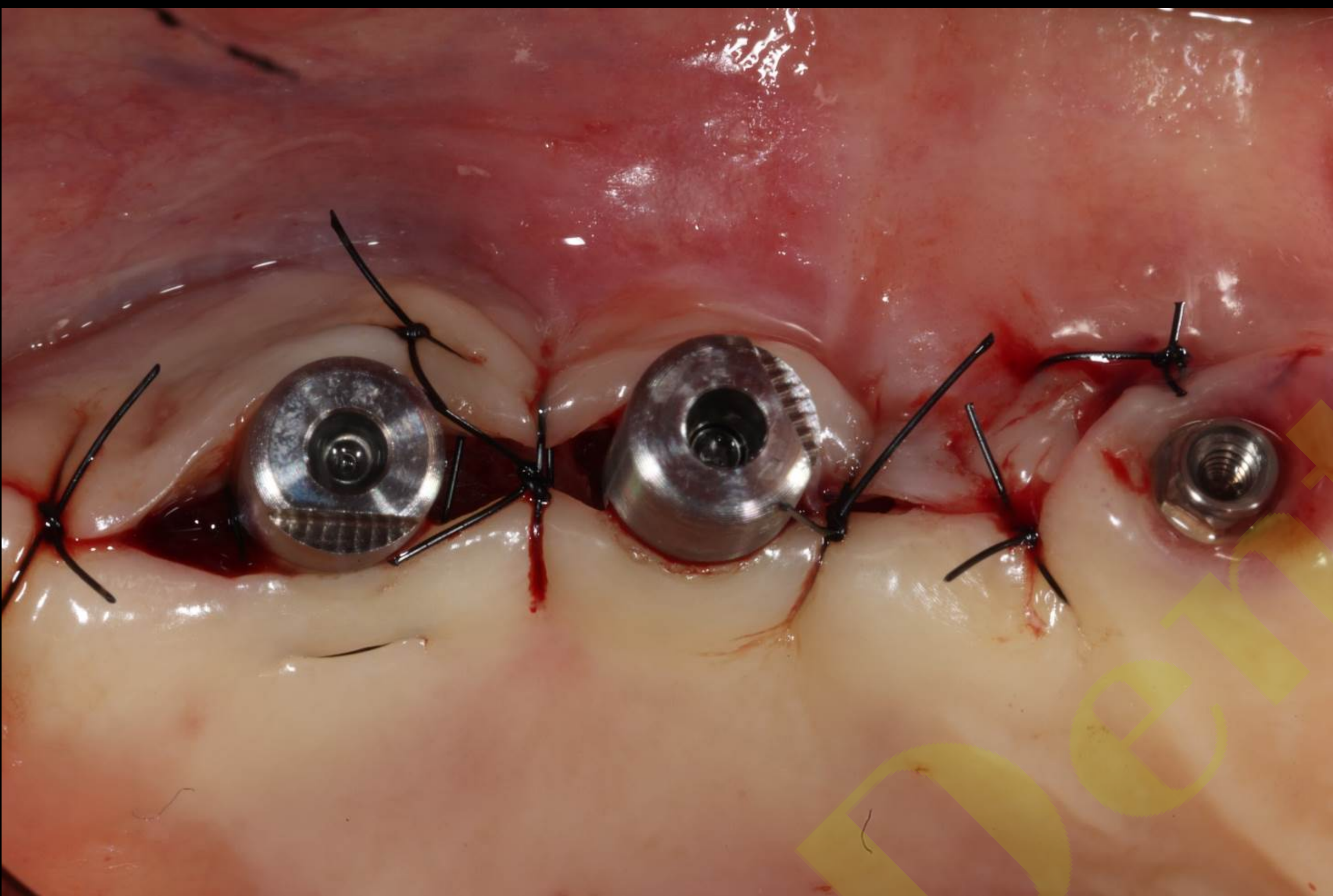


The trust
ISQ (#24,27-73)

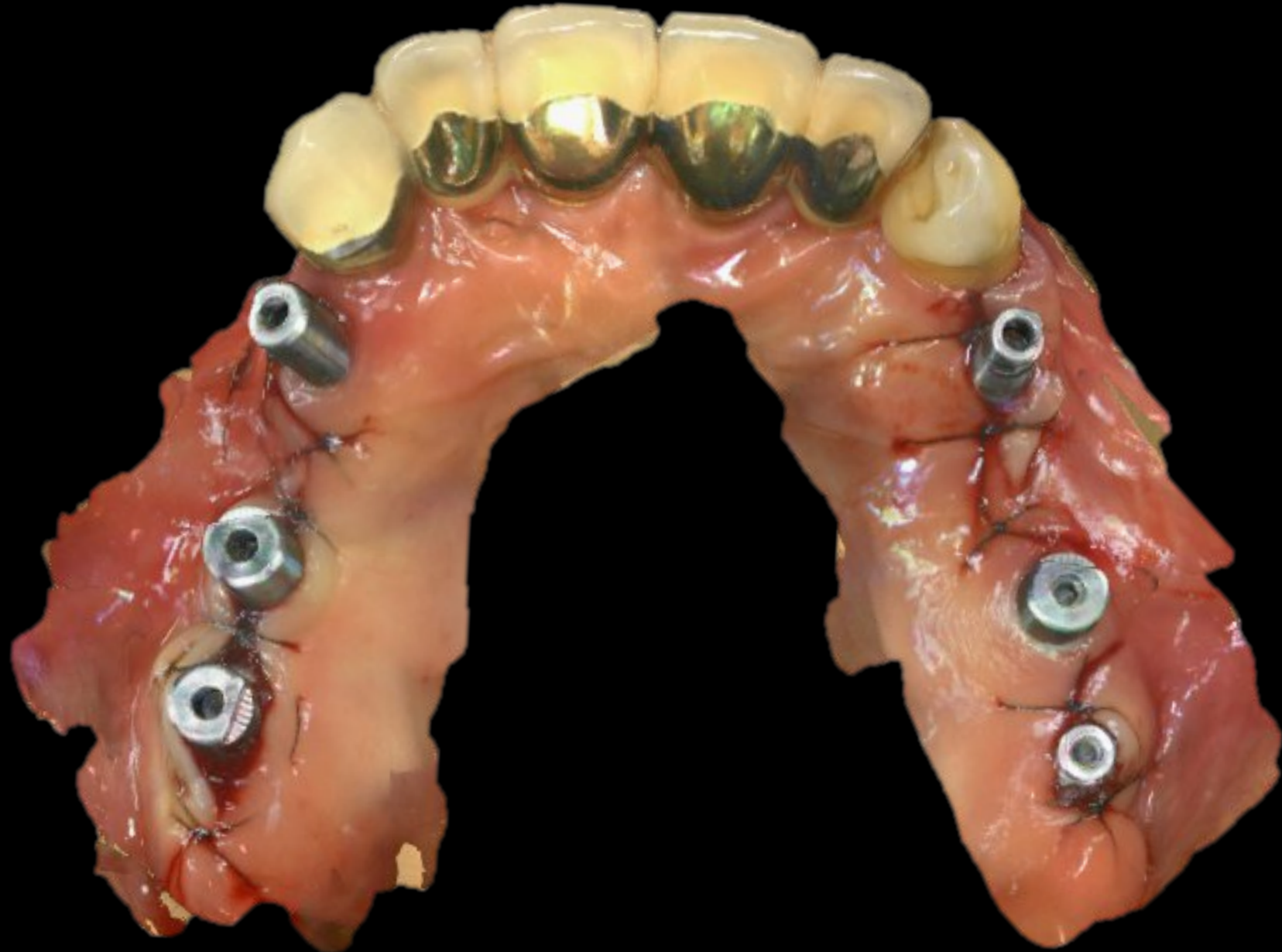


Suture

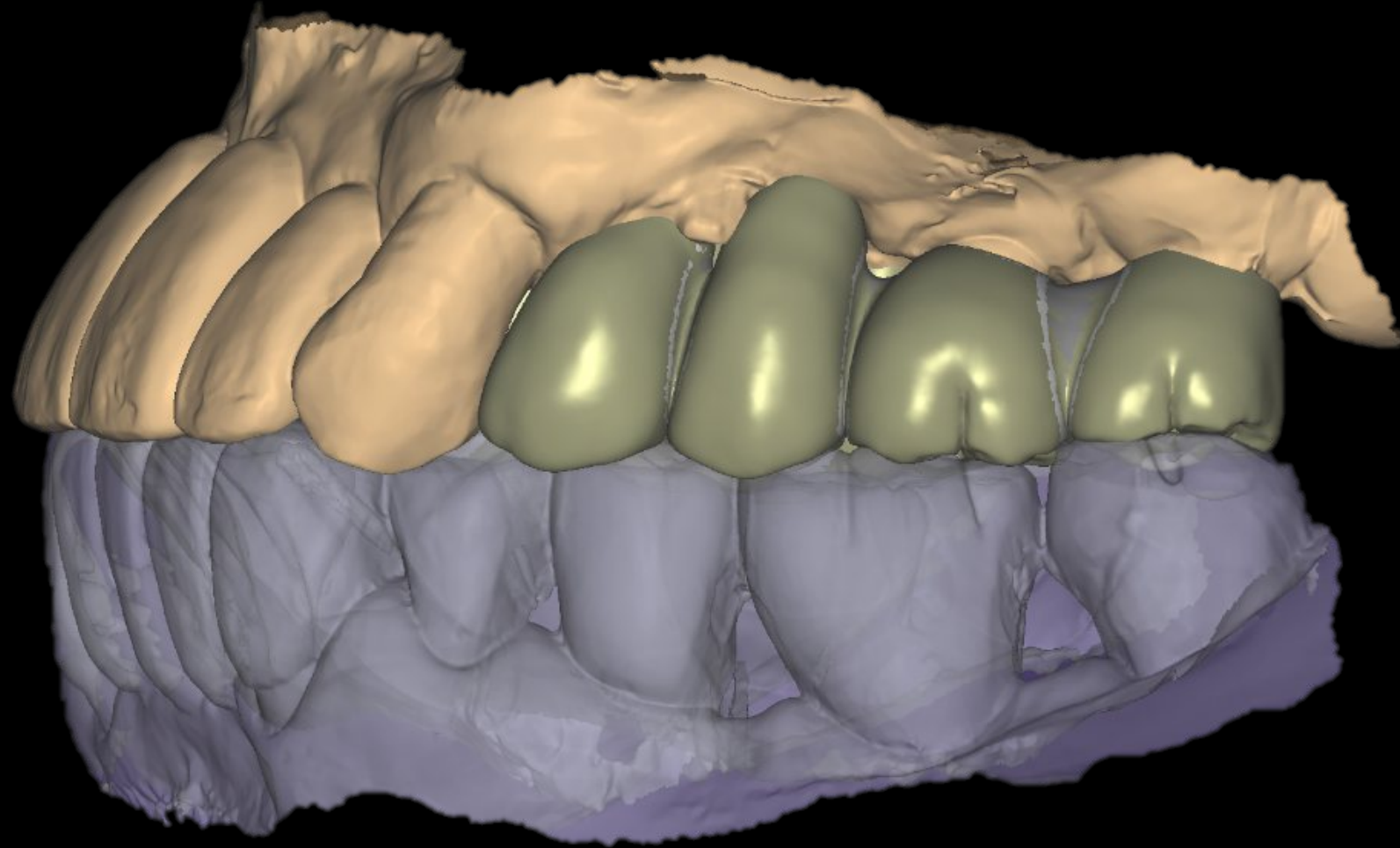
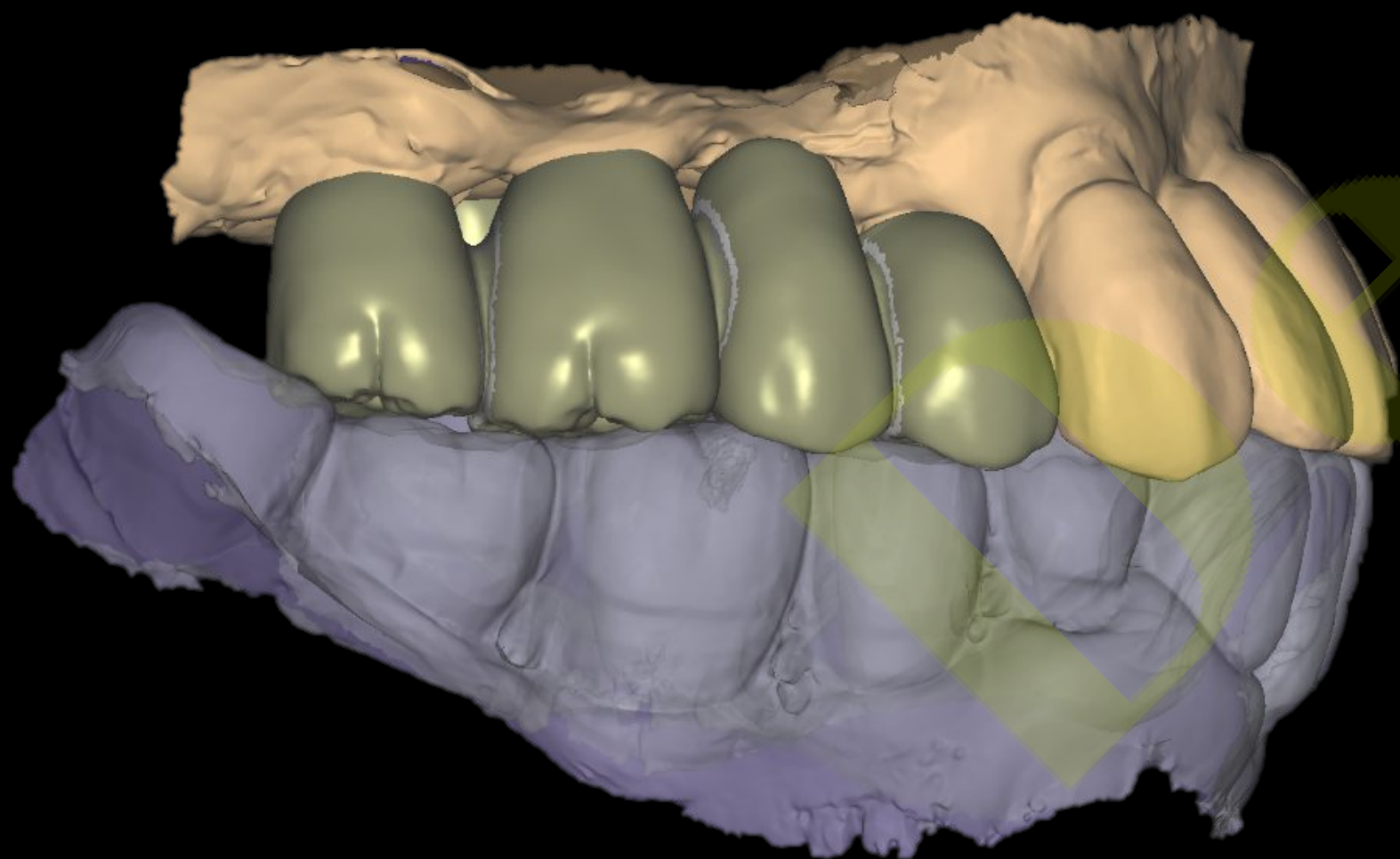
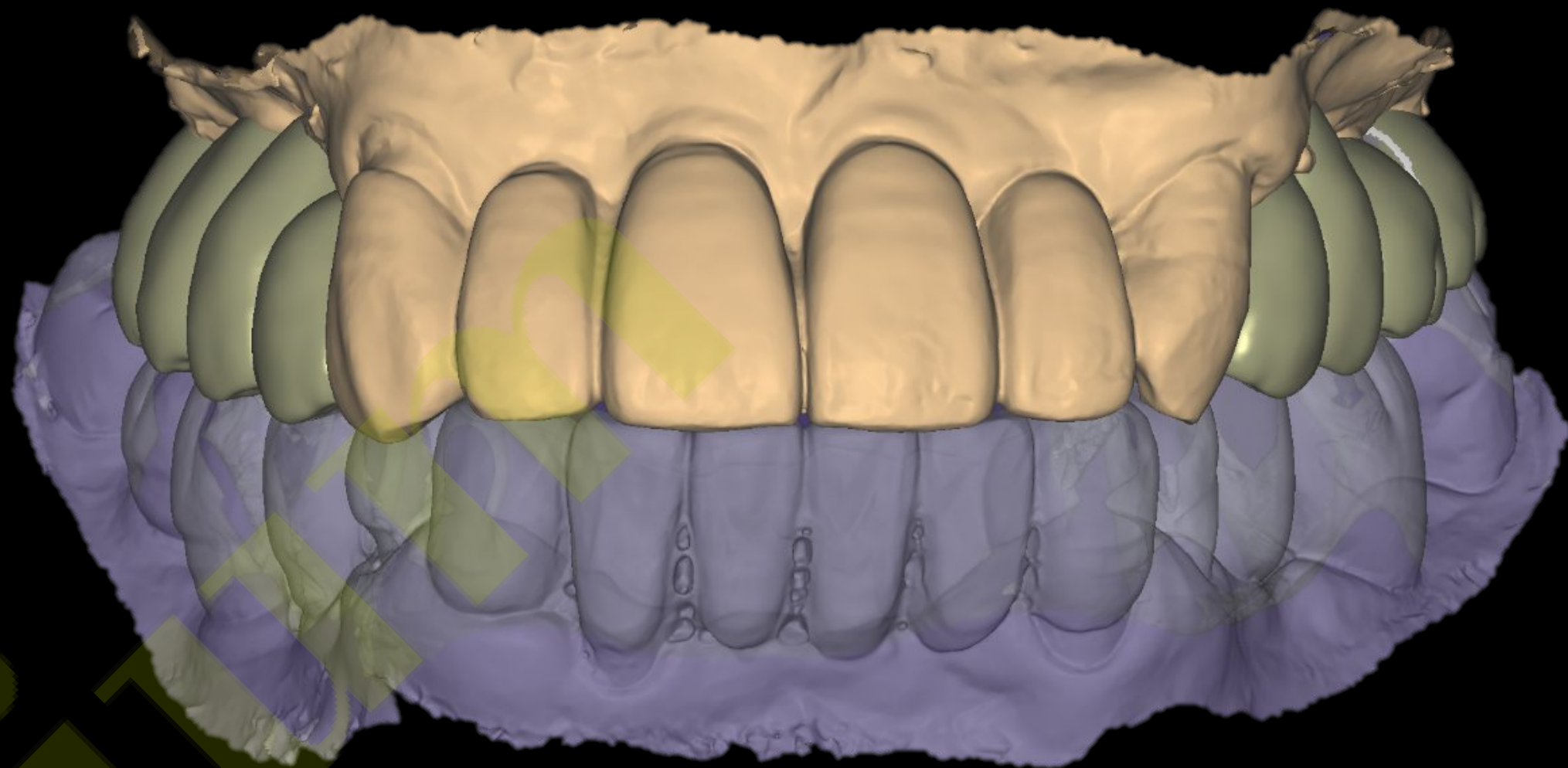
#16,17,24,27 Post-op (2023-01-25)



Intra Oral Scan for Temporary



CAD (Temporary)



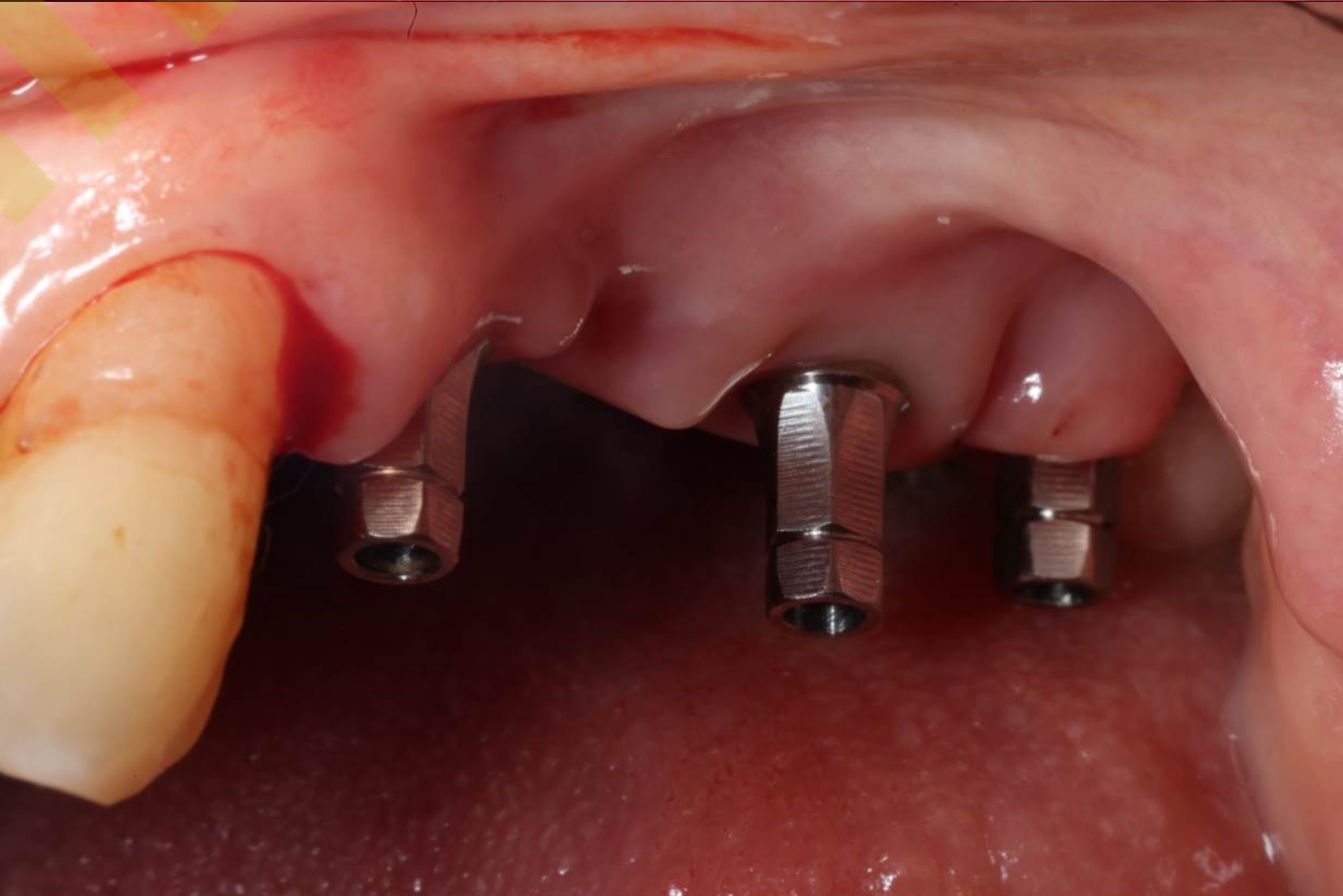
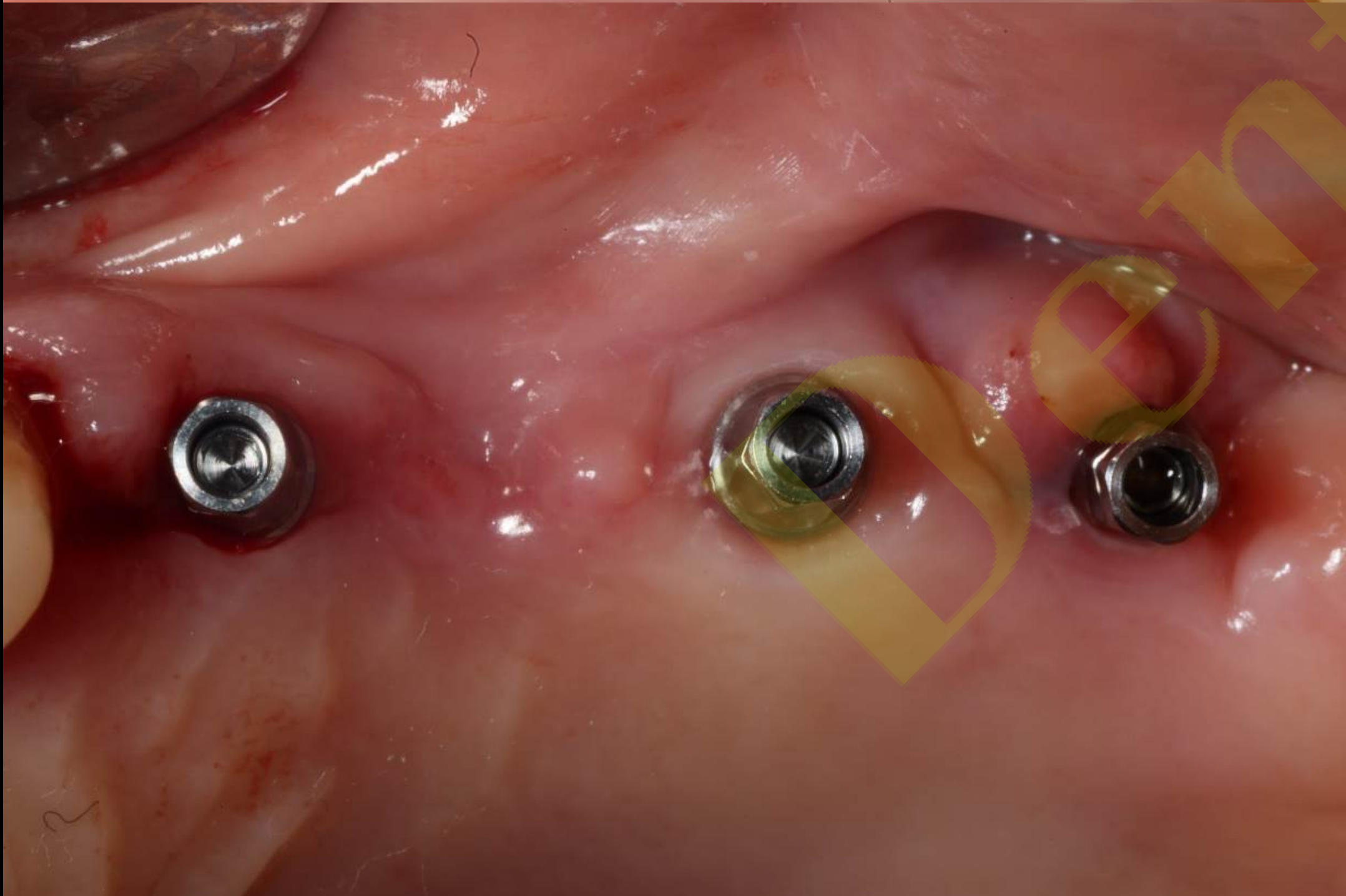
Temporary & Metal Link



Healing : 1 week (2023-02-02)



Metal Link conection (2023-02-02)



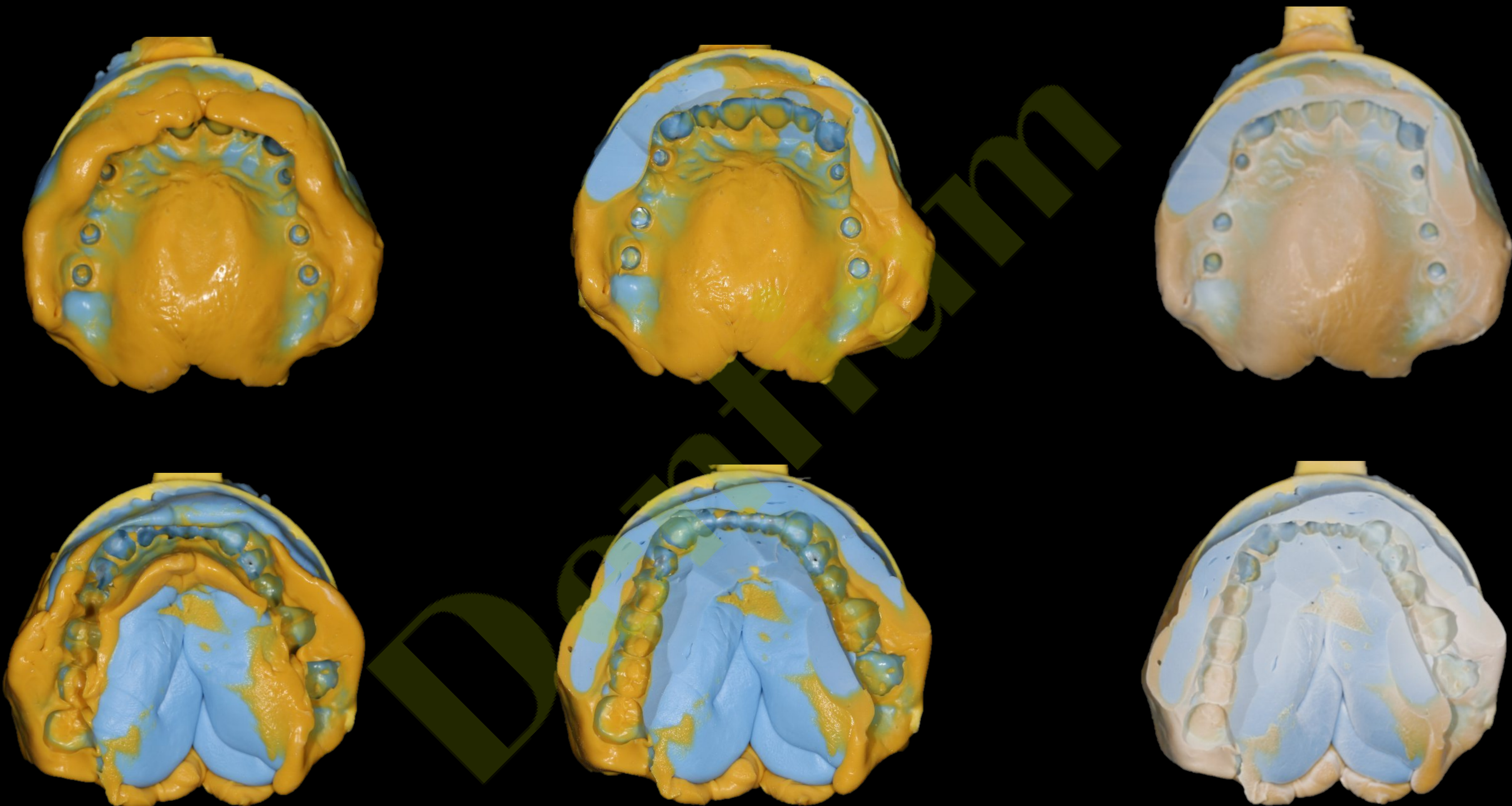
#10 Provisional restoration (2023-02-02)



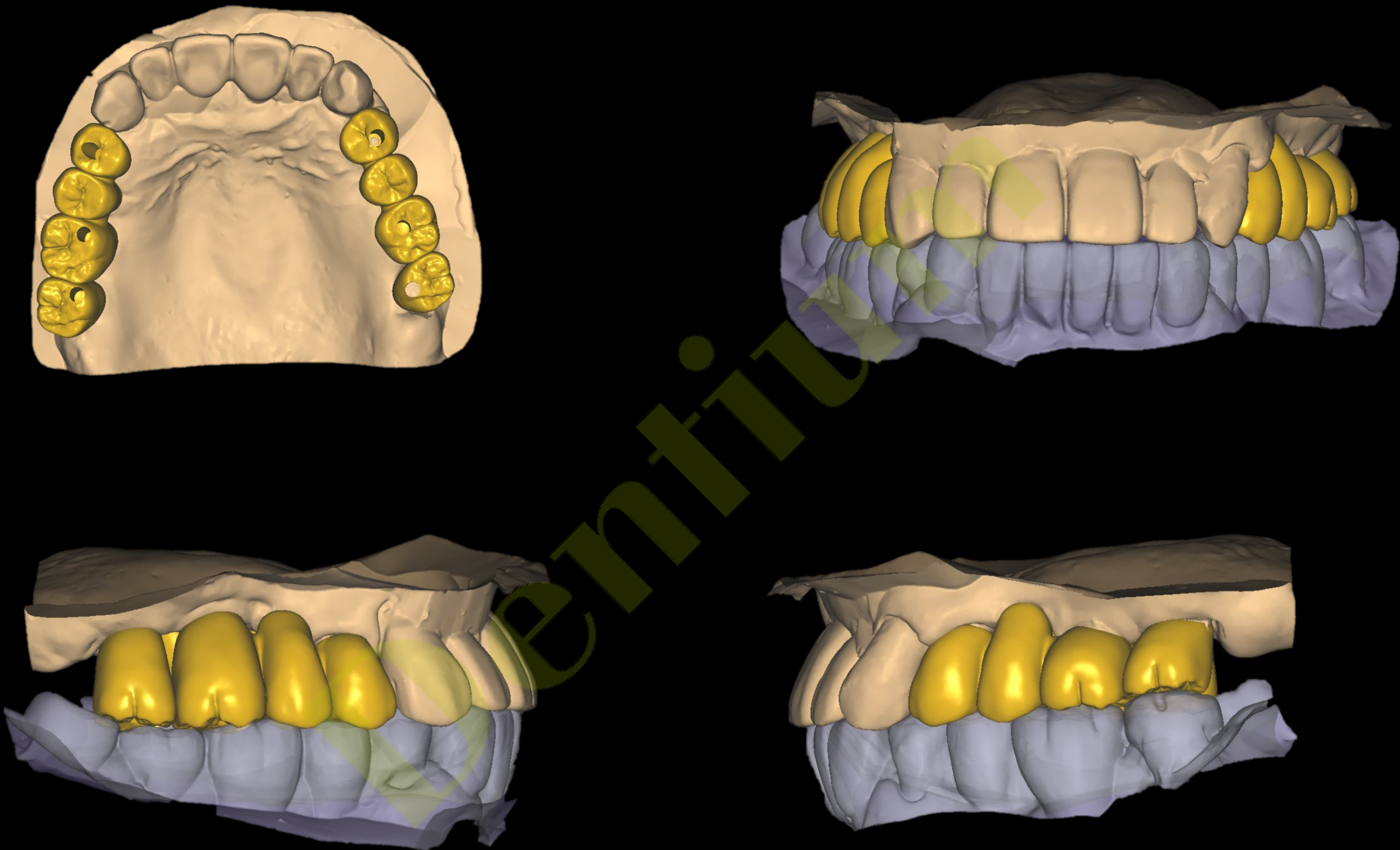
#20 Provisional restoration (2023-02-02)



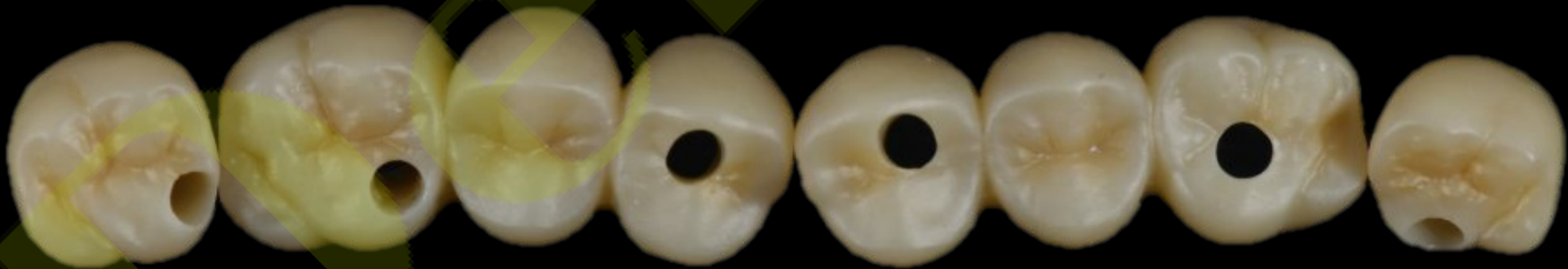
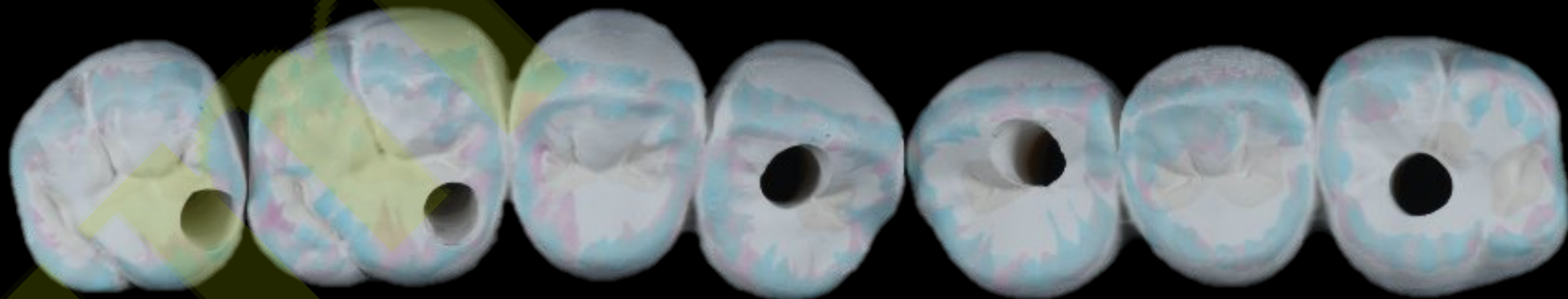
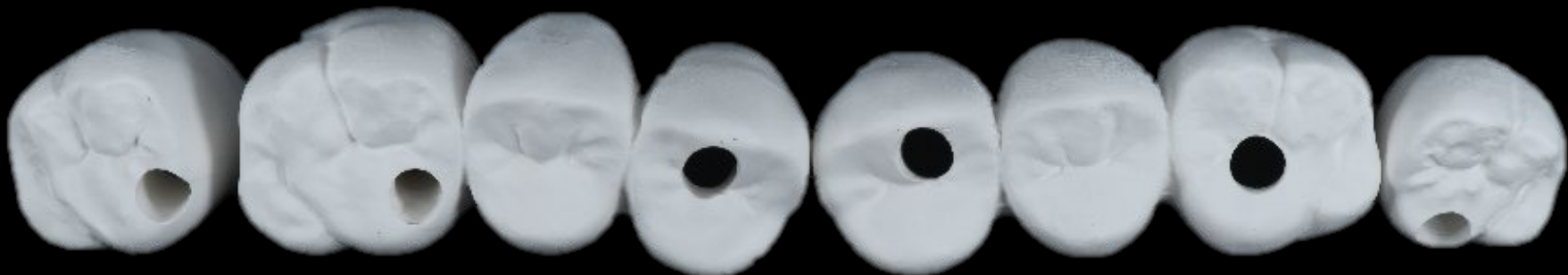
Impression / Trimming / Scan spray



CAD (Final prosthesis)



Milling / Brushing / Sintering



#10 Final prosthesis (2023-05-29)



#20 Final prosthesis (2023-05-29)





#10 Follow up : 7 months (2023-12-08)



#20 Follow up : 7 months (2023-12-08)

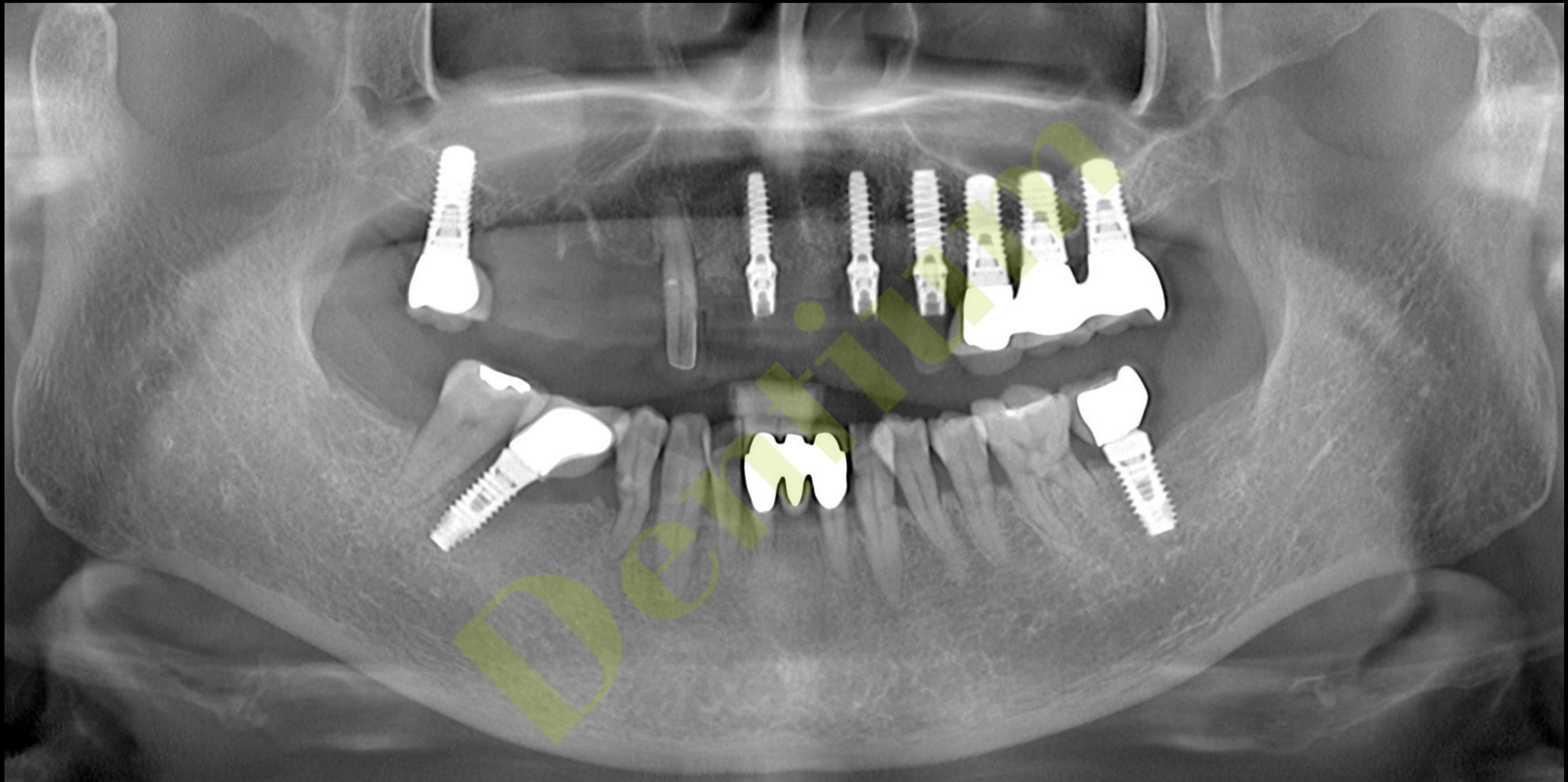


Sinusitis treatment & Implantation

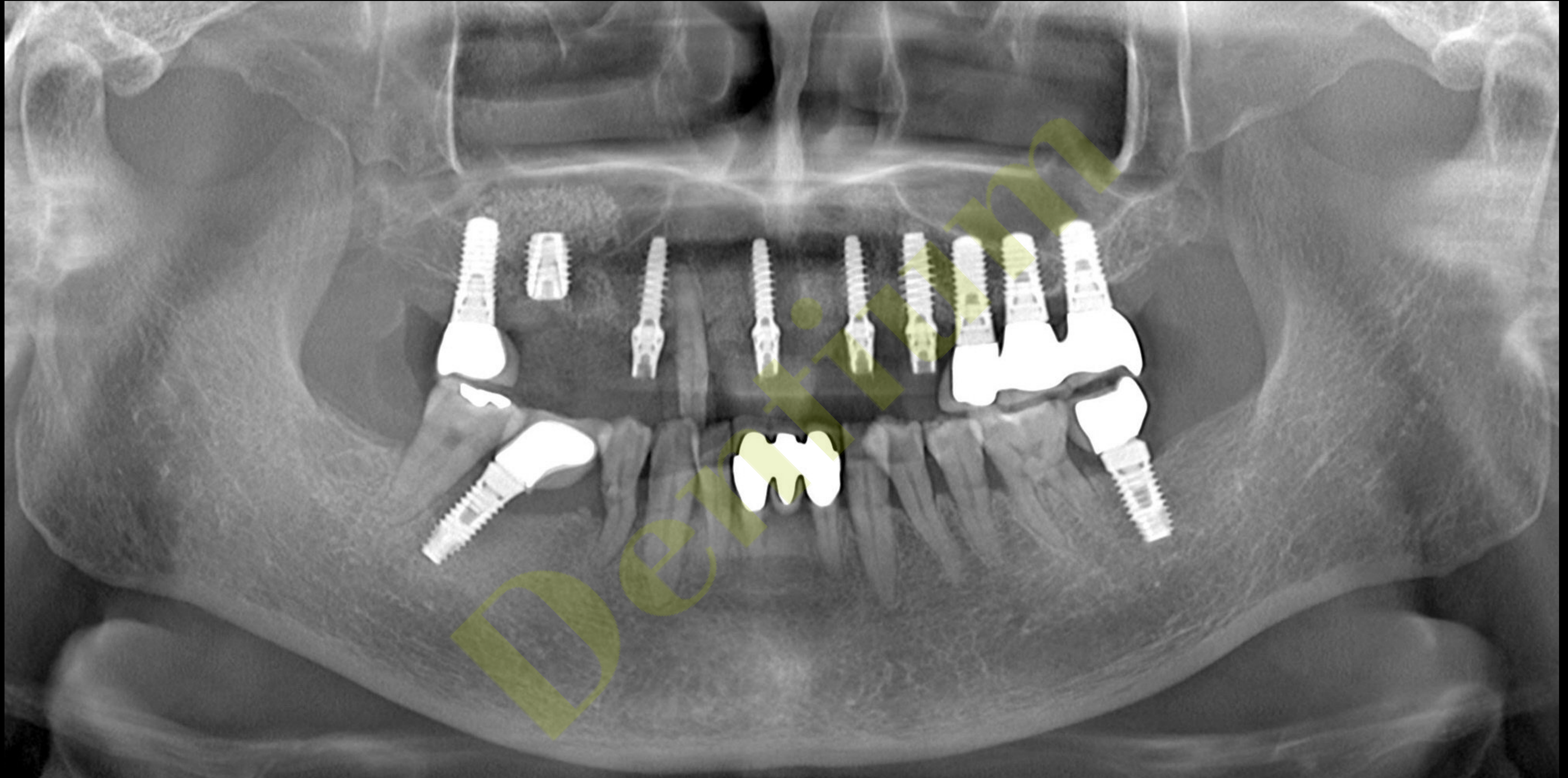
(NR Line, NTI, OSTEON™ 3 Collagen, Collagen graft 2, Sinus Kit, RE Kit)

Pt. 1959 / F

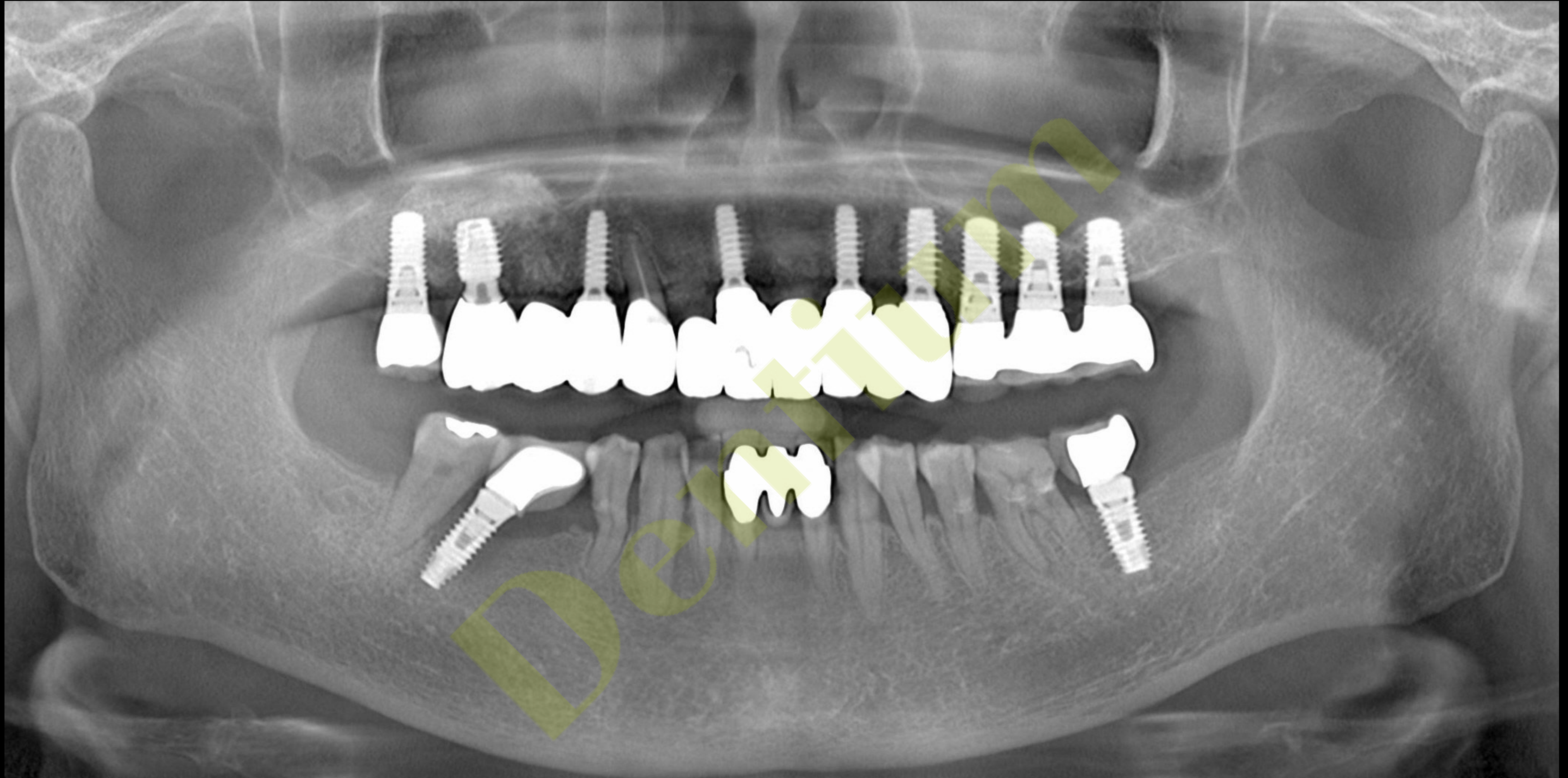
Pre-op (2020-04-01)



Post-op (2020-04-01)



Final prosthesis (2020-12-16)



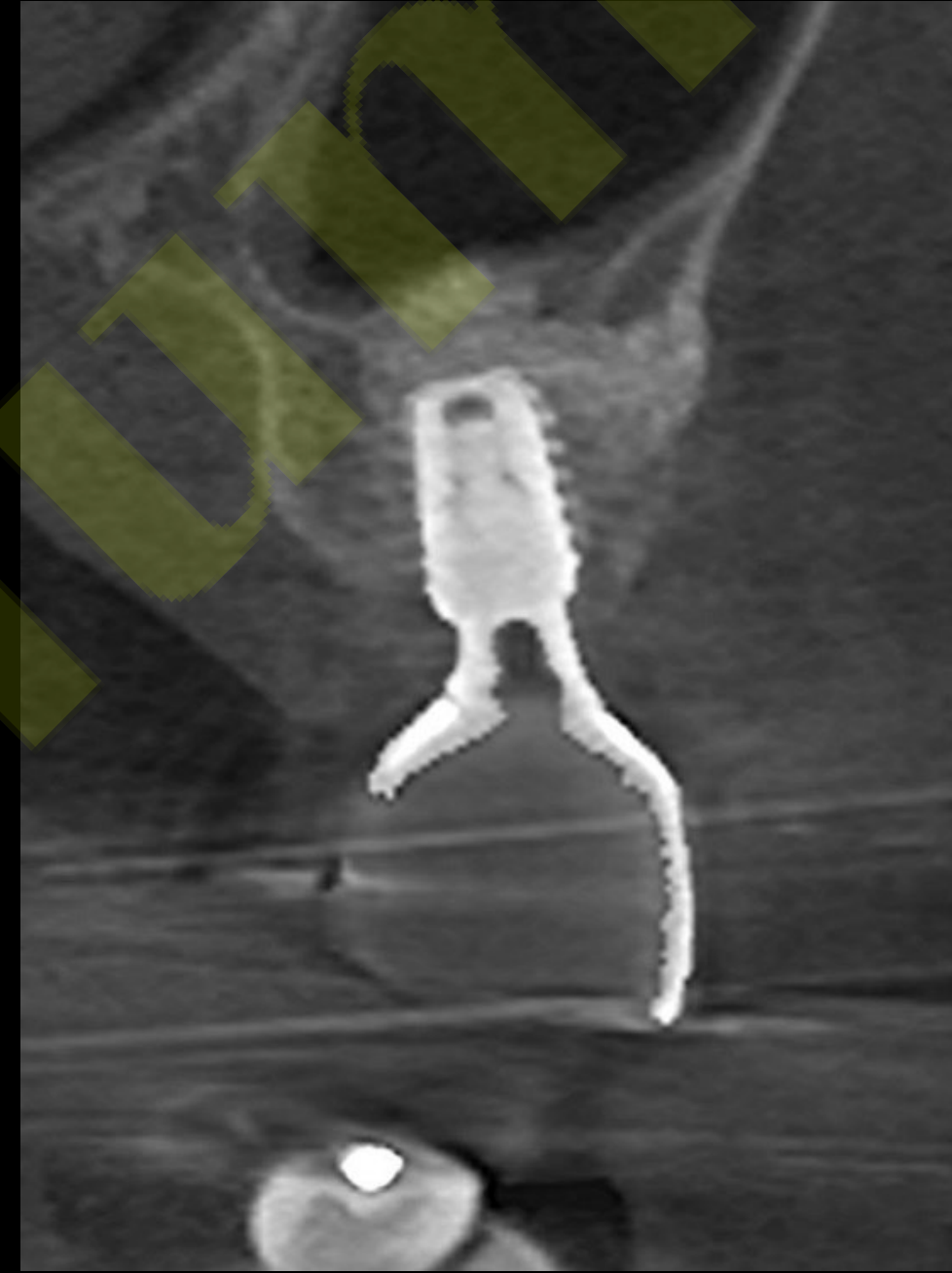
Follow up : 11 months (2021-11-25)



Follow up : 11 months (2021-11-25)



#14



#16

Follow up : 1 years 5 months (2022-06-13)



#14



#16

Follow up : 1 year 9 months (2022-09-21)



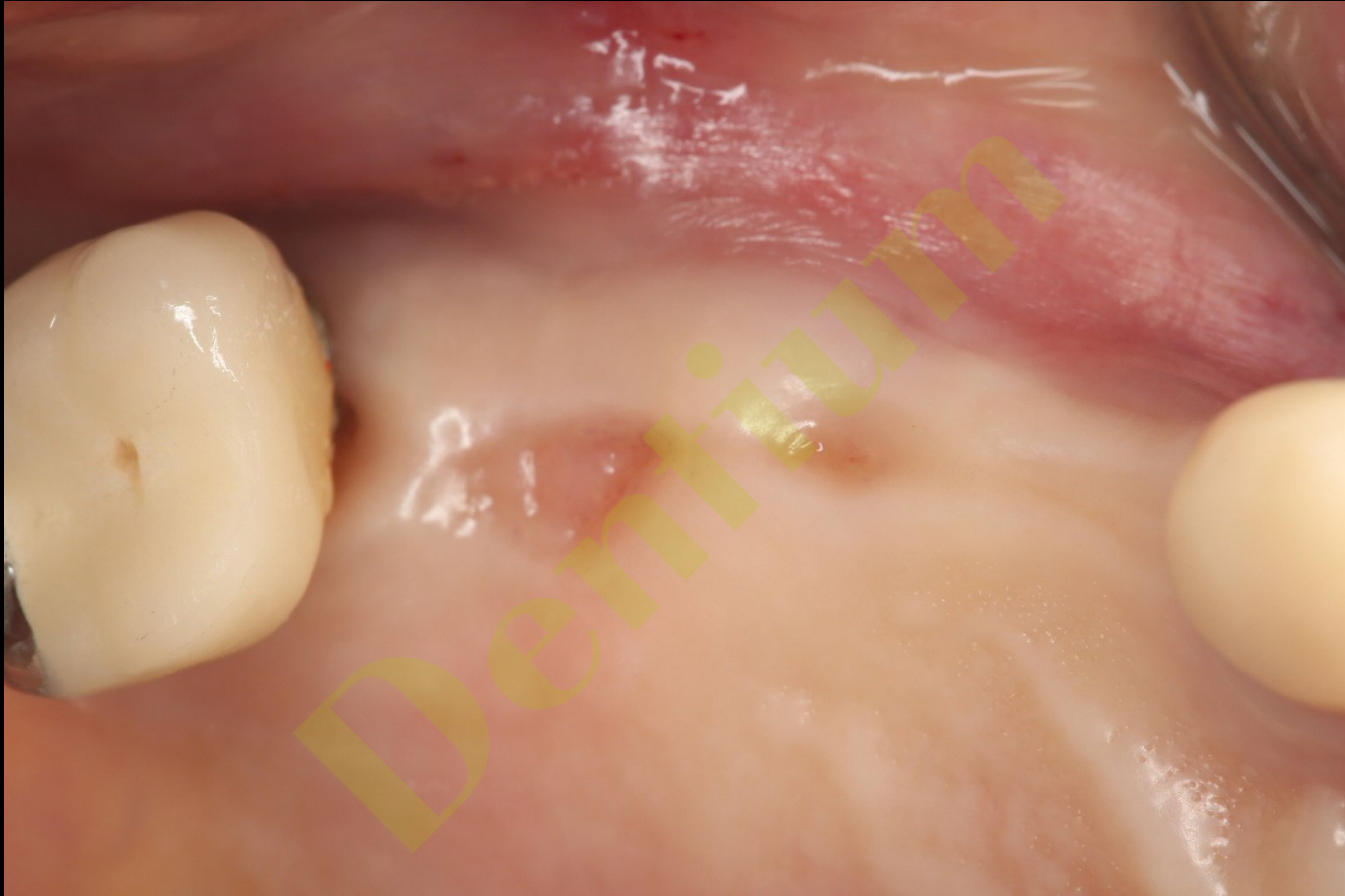
Follow up : 2 years 1 month (2023-02-01)



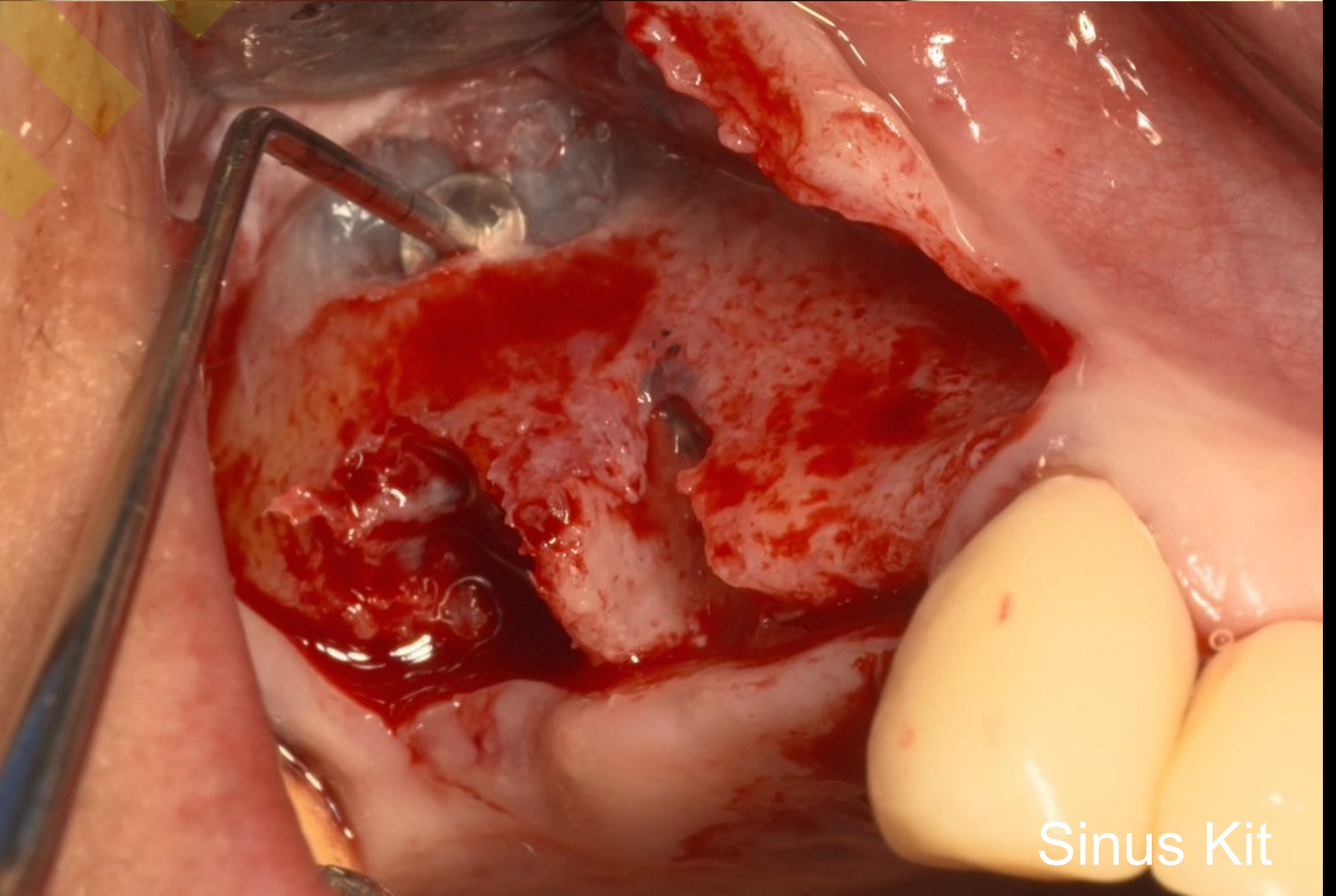
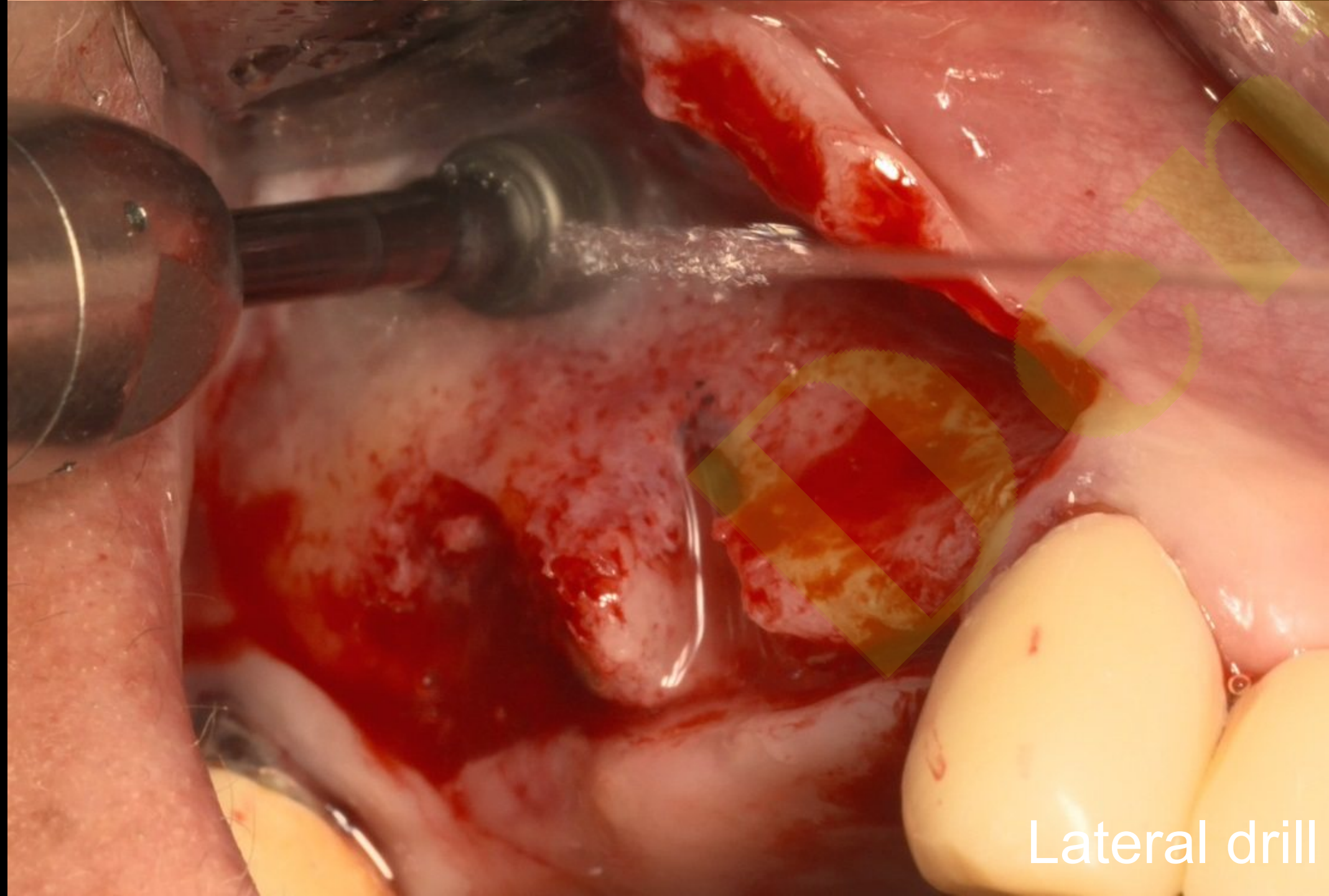
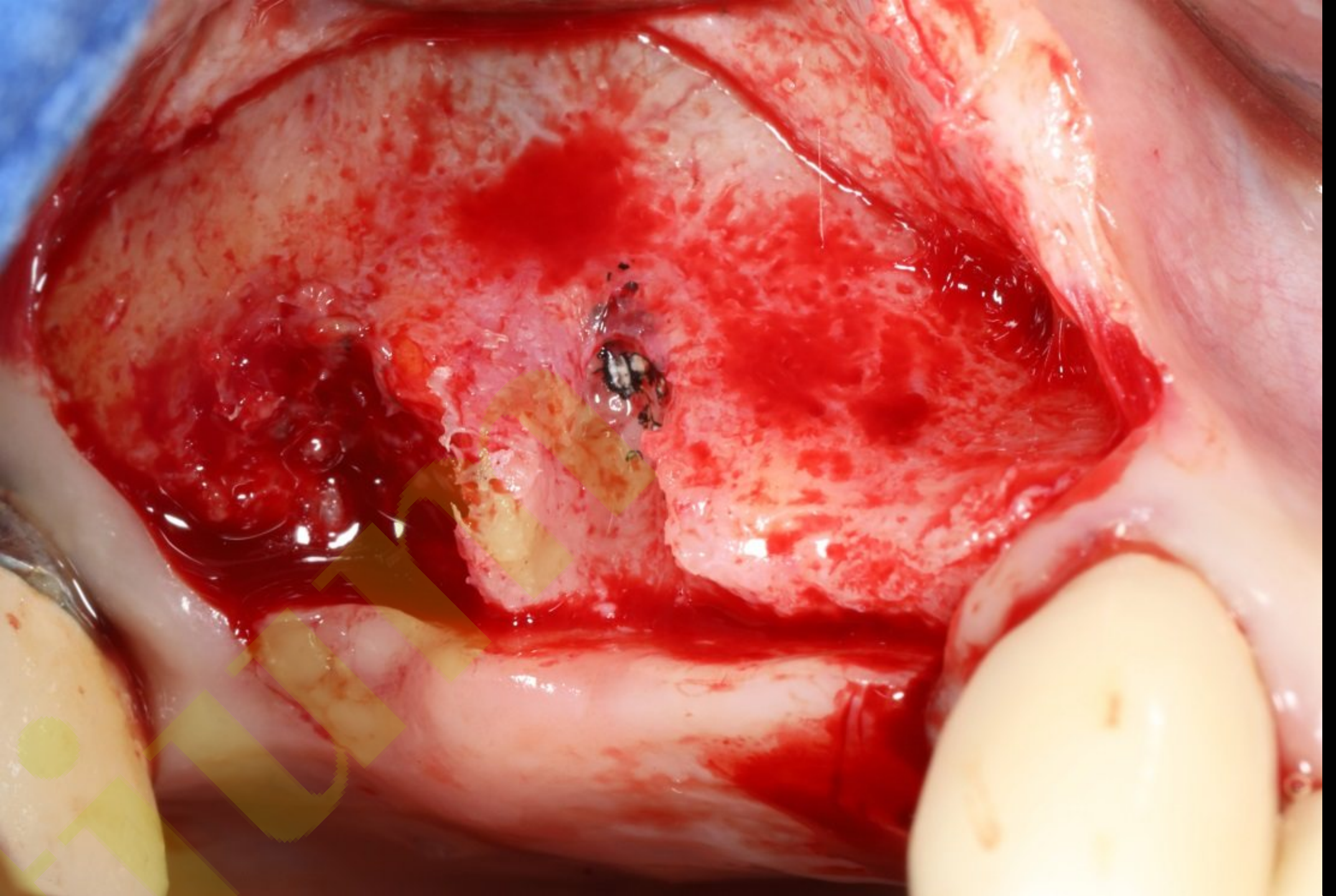
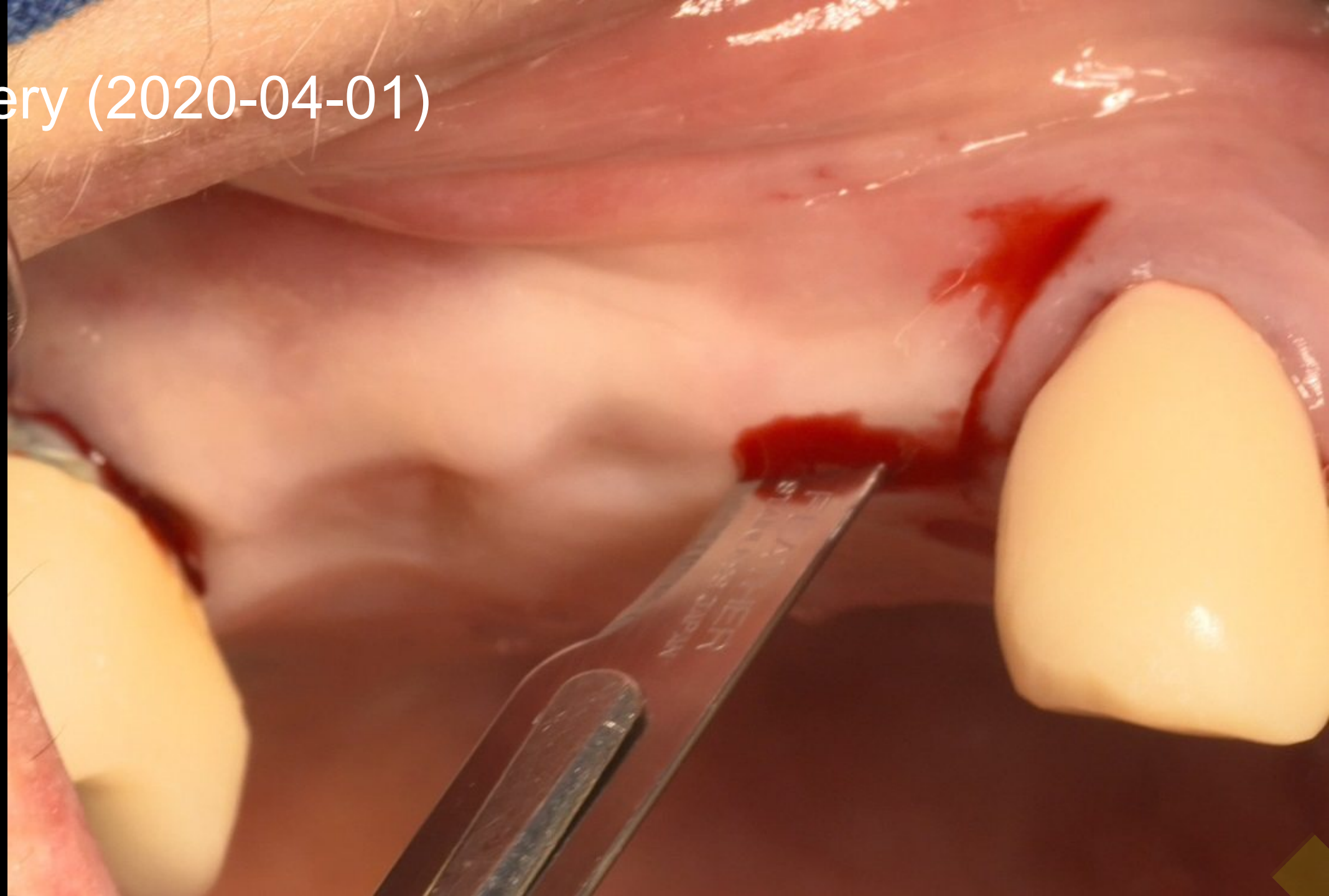
Follow up : 2 years 10 months (2023-11-22)



Pre-op (2020-04-01)



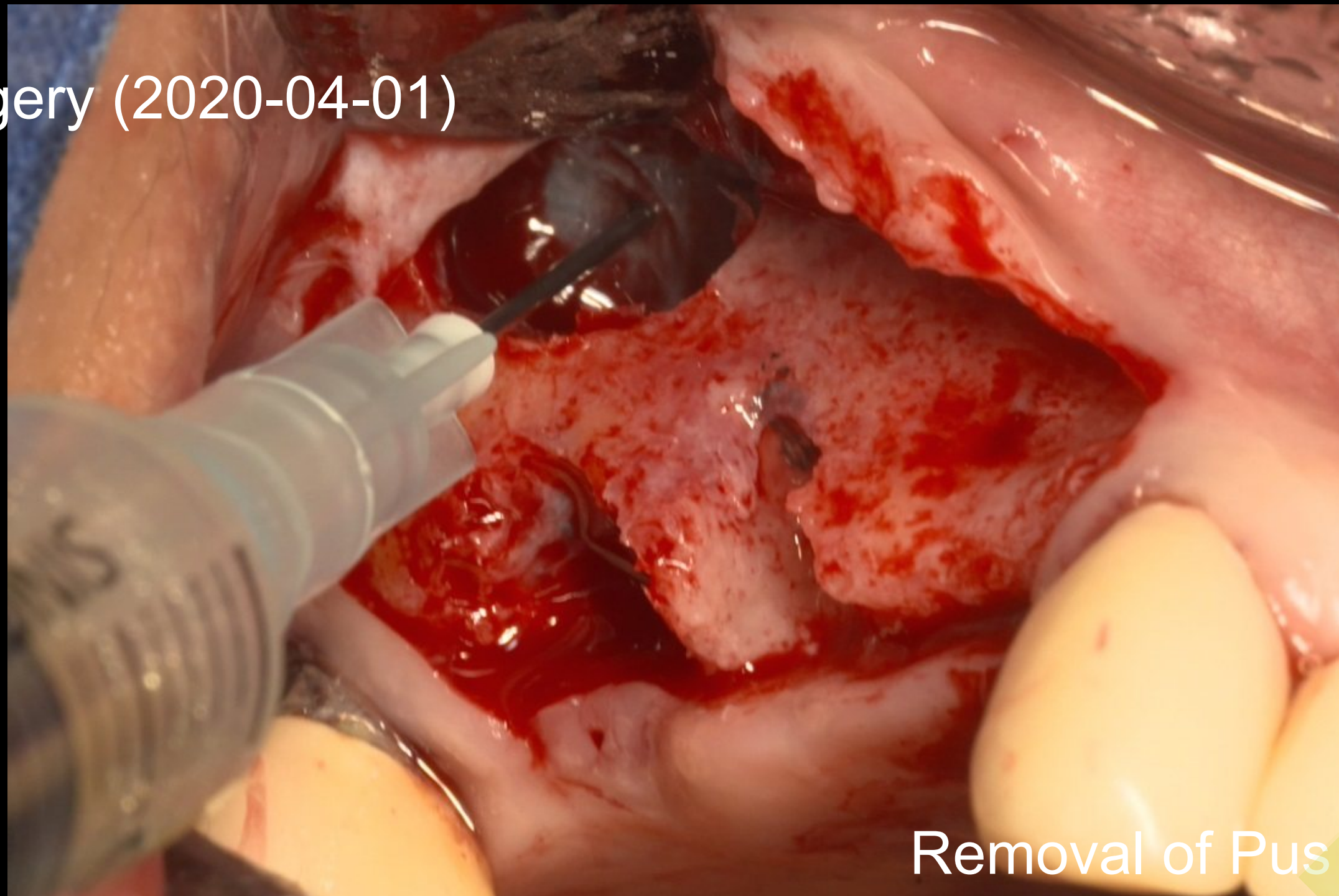
Surgery (2020-04-01)



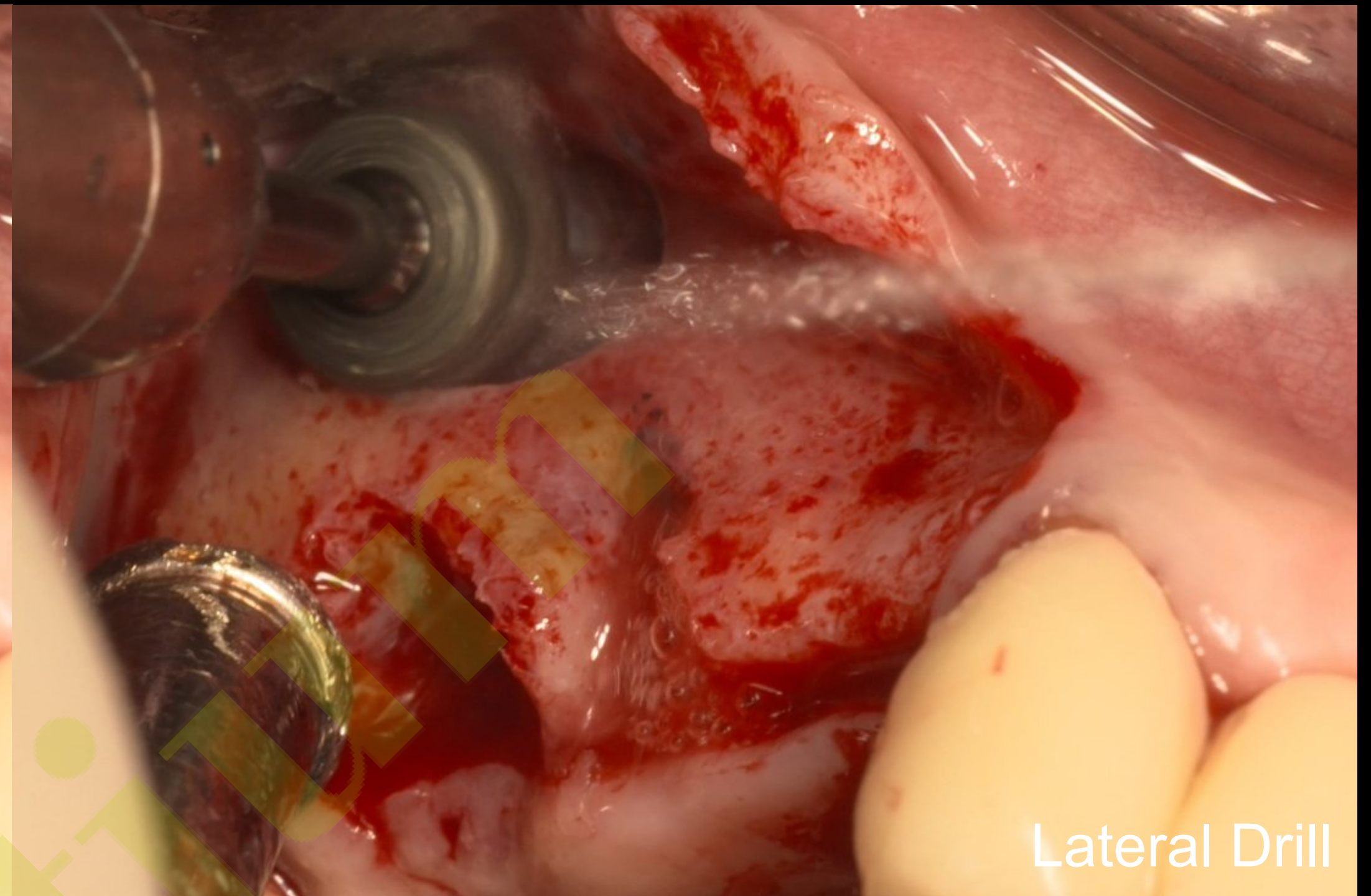
Lateral drill

Sinus Kit

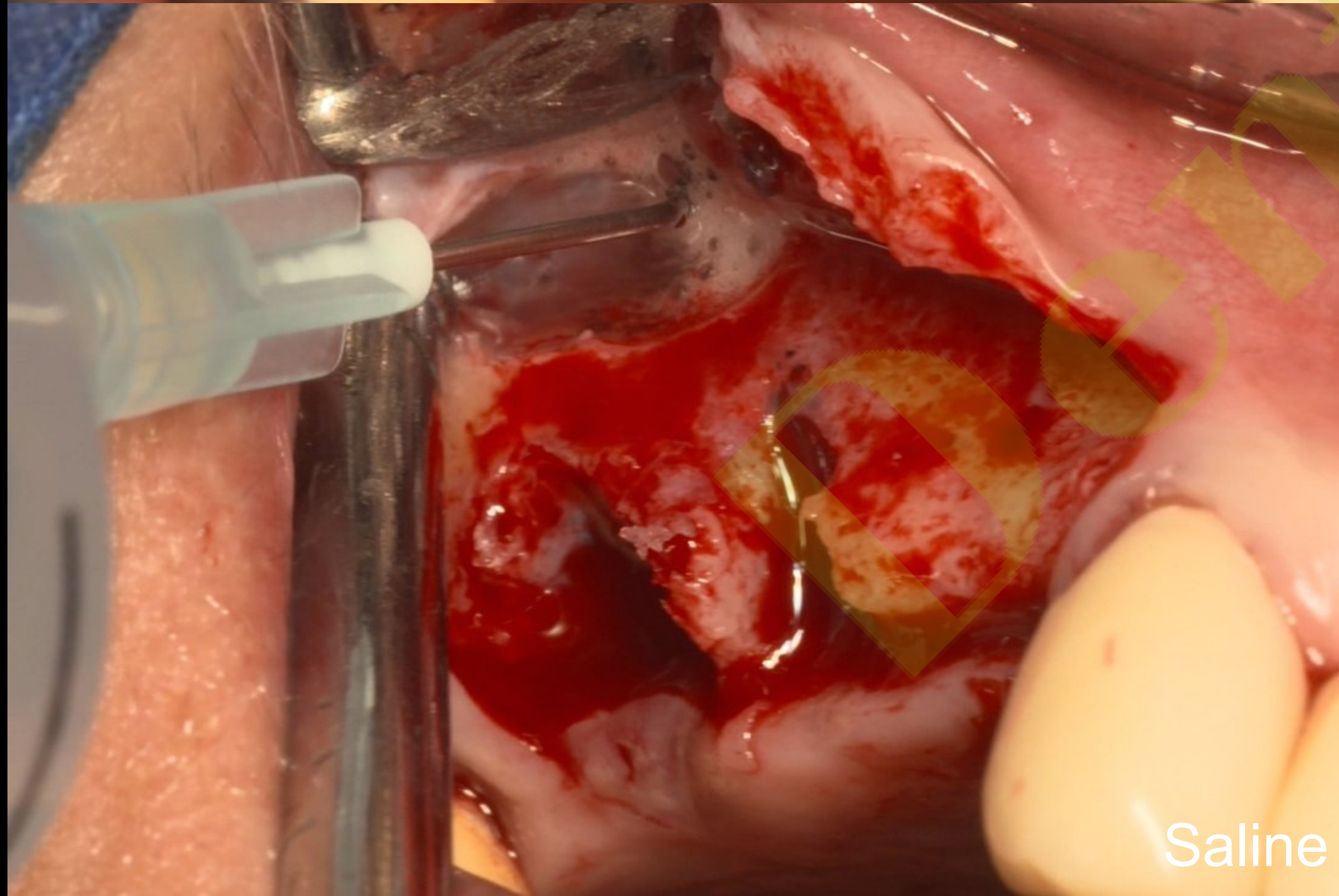
Surgery (2020-04-01)



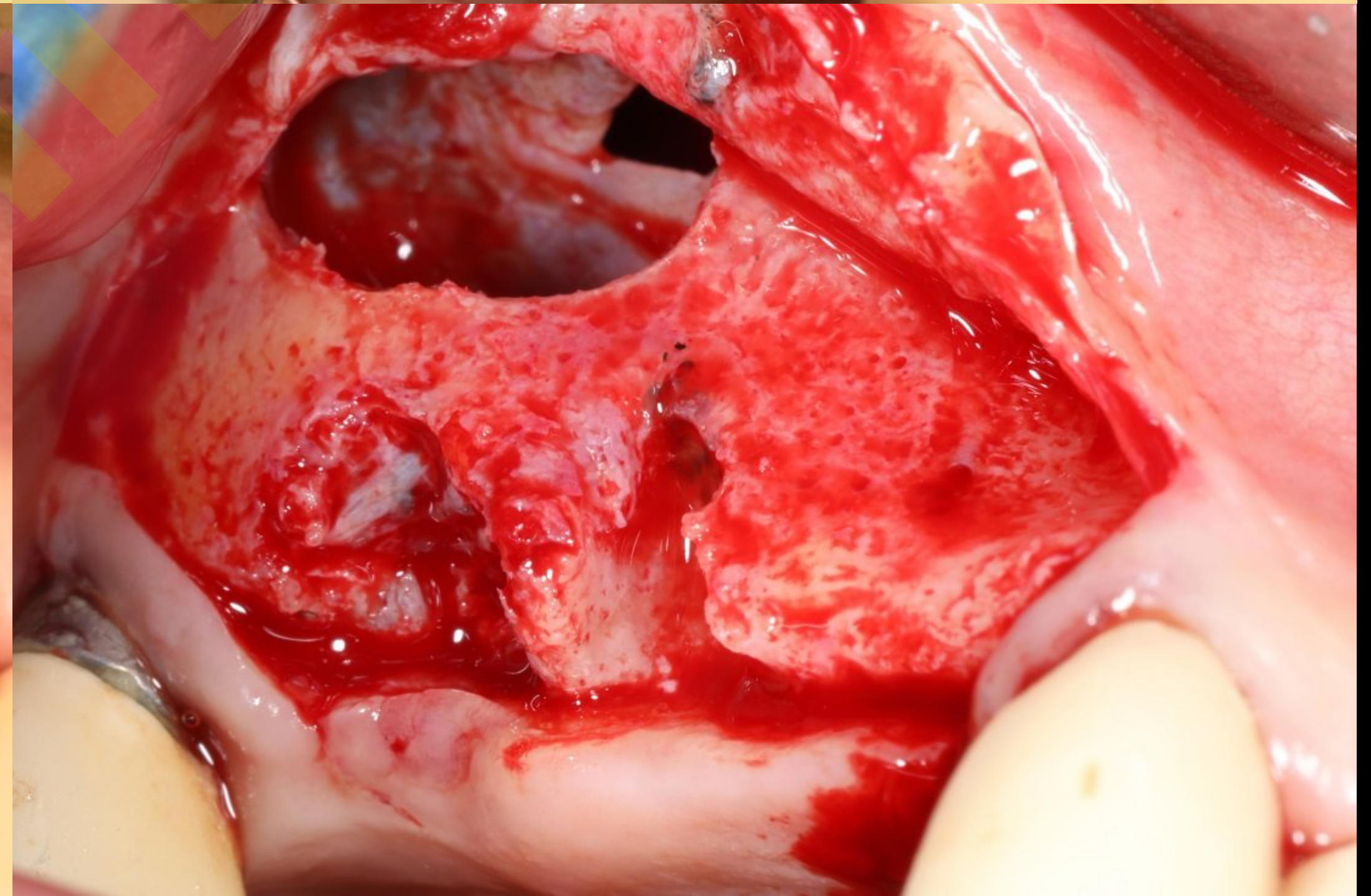
Removal of Pus



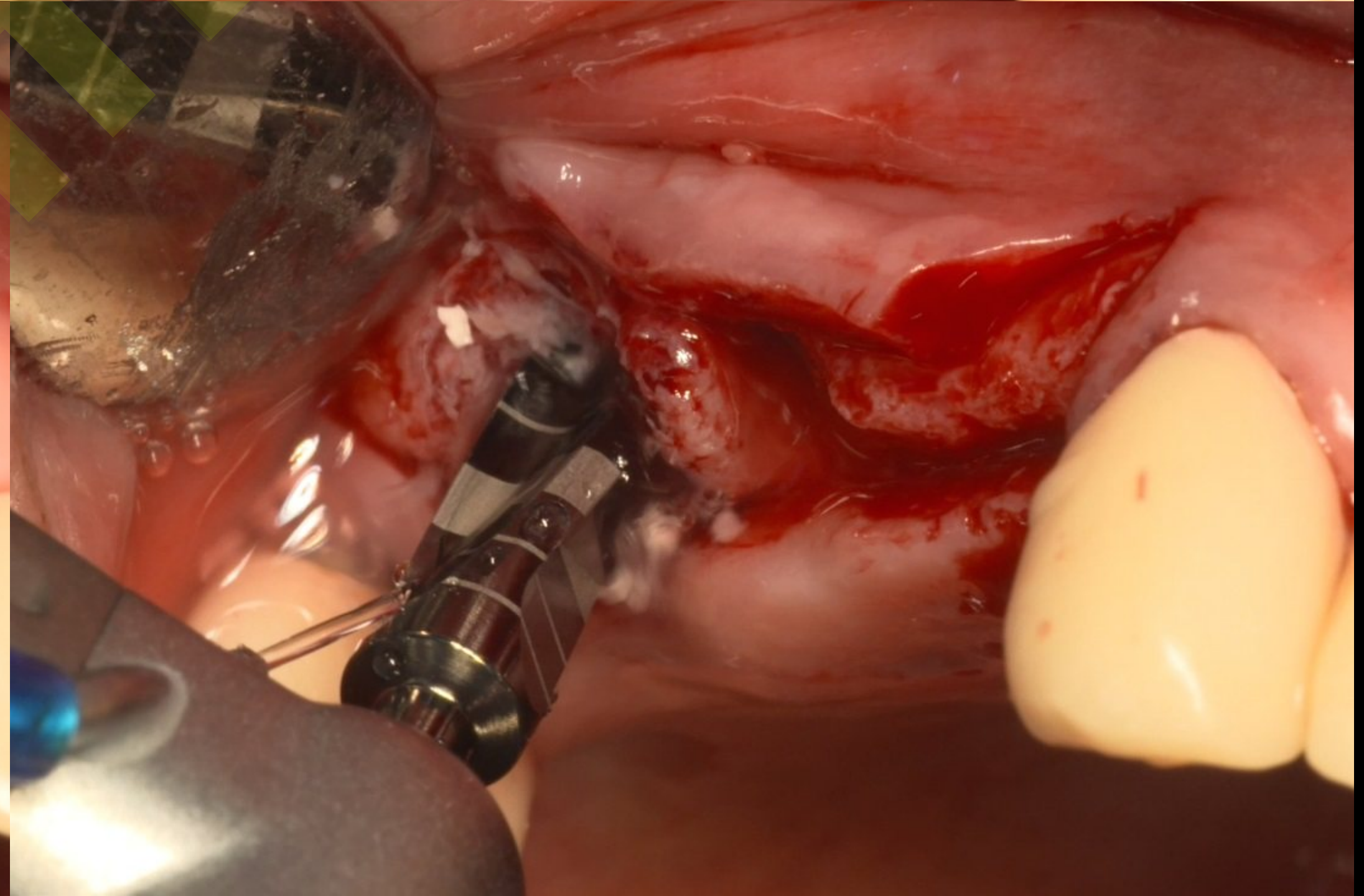
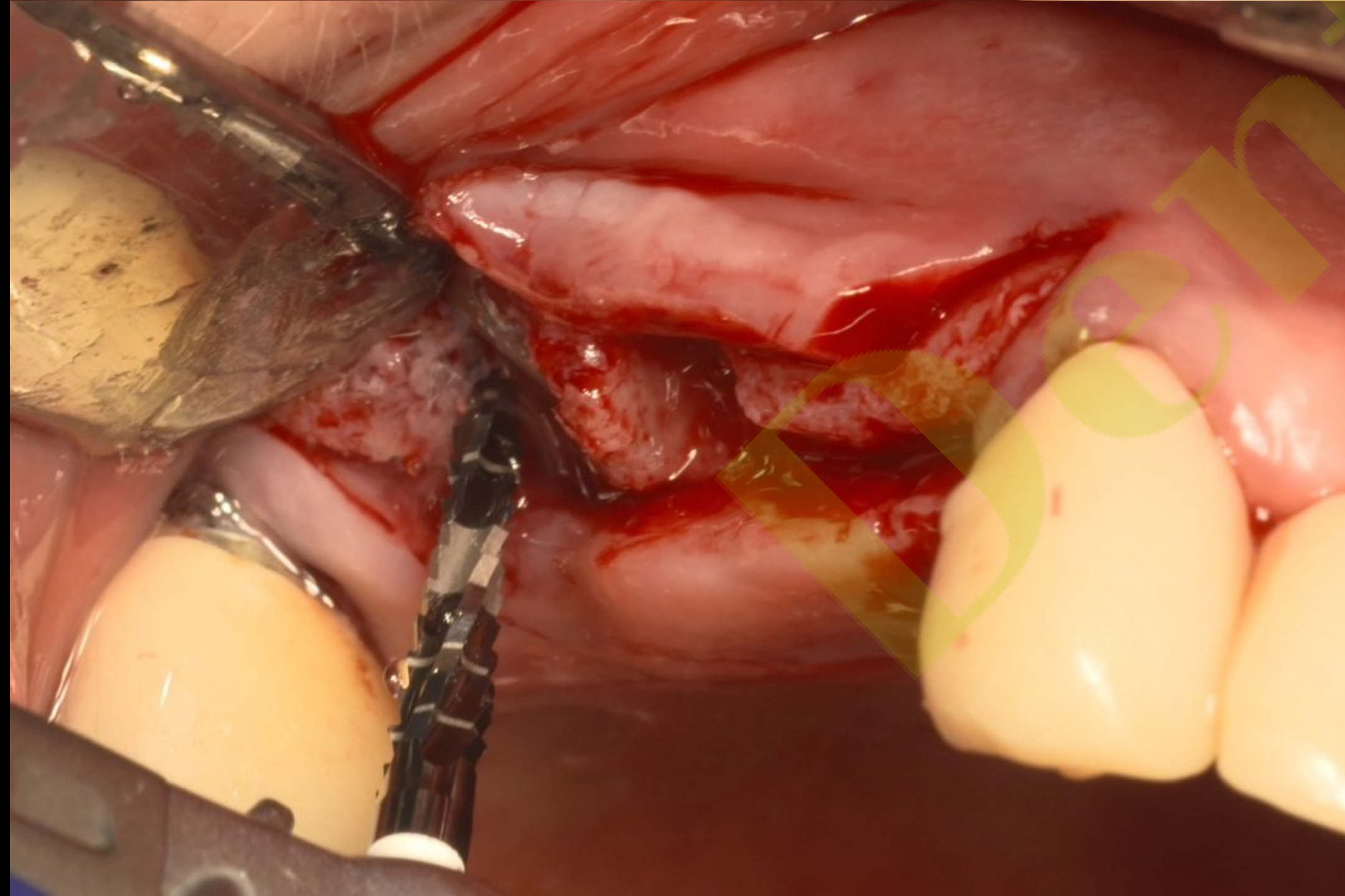
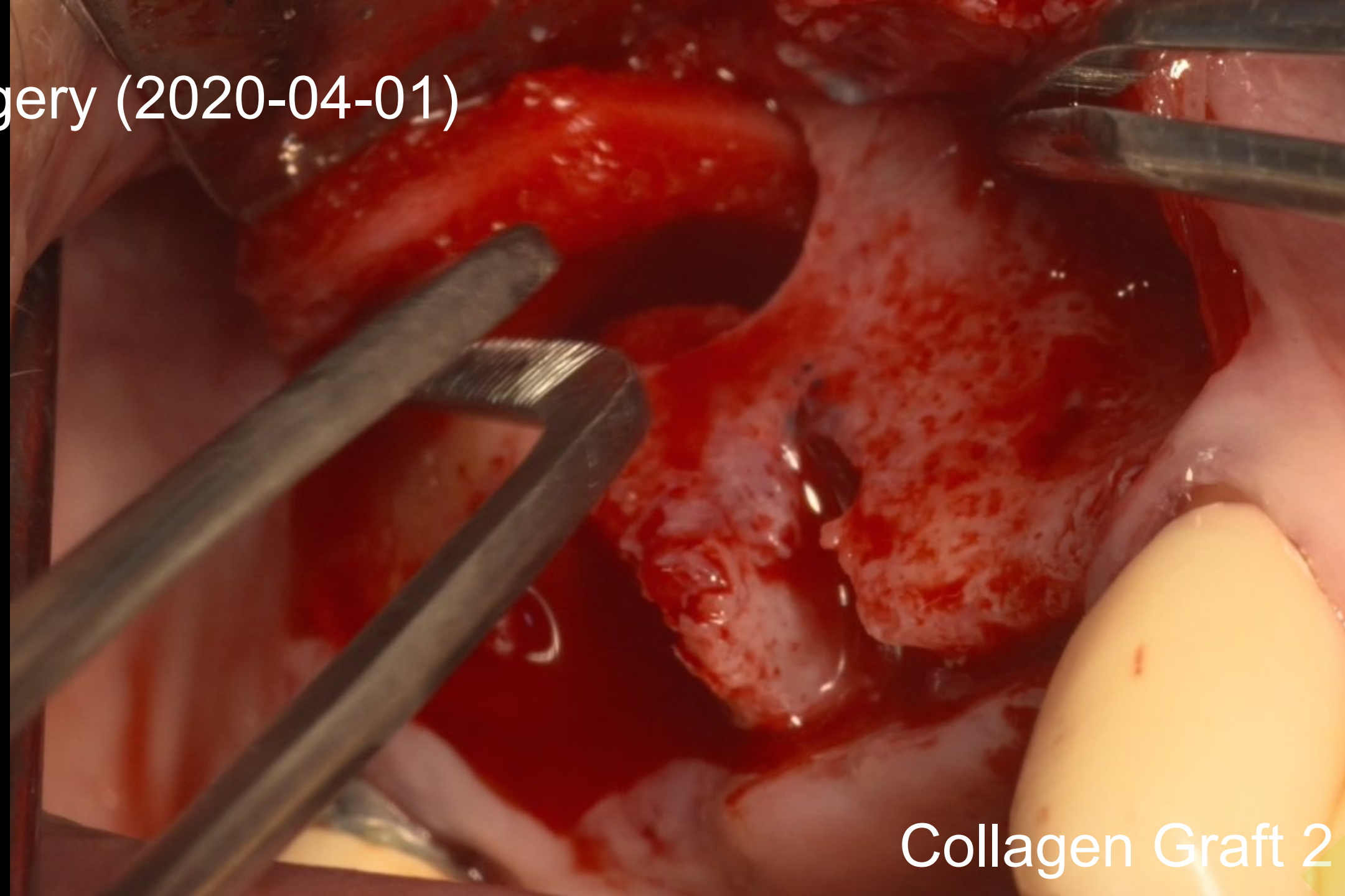
Lateral Drill



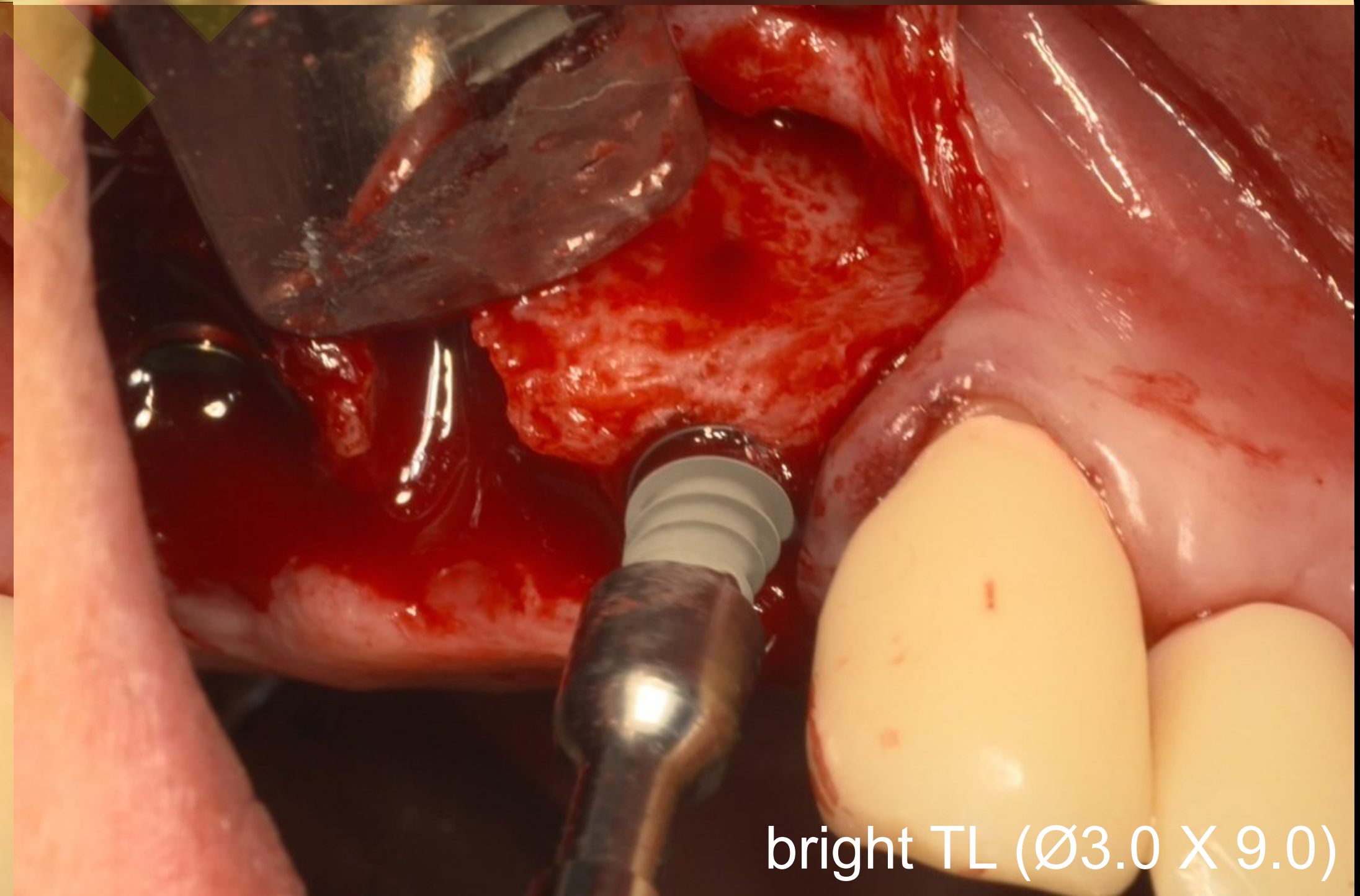
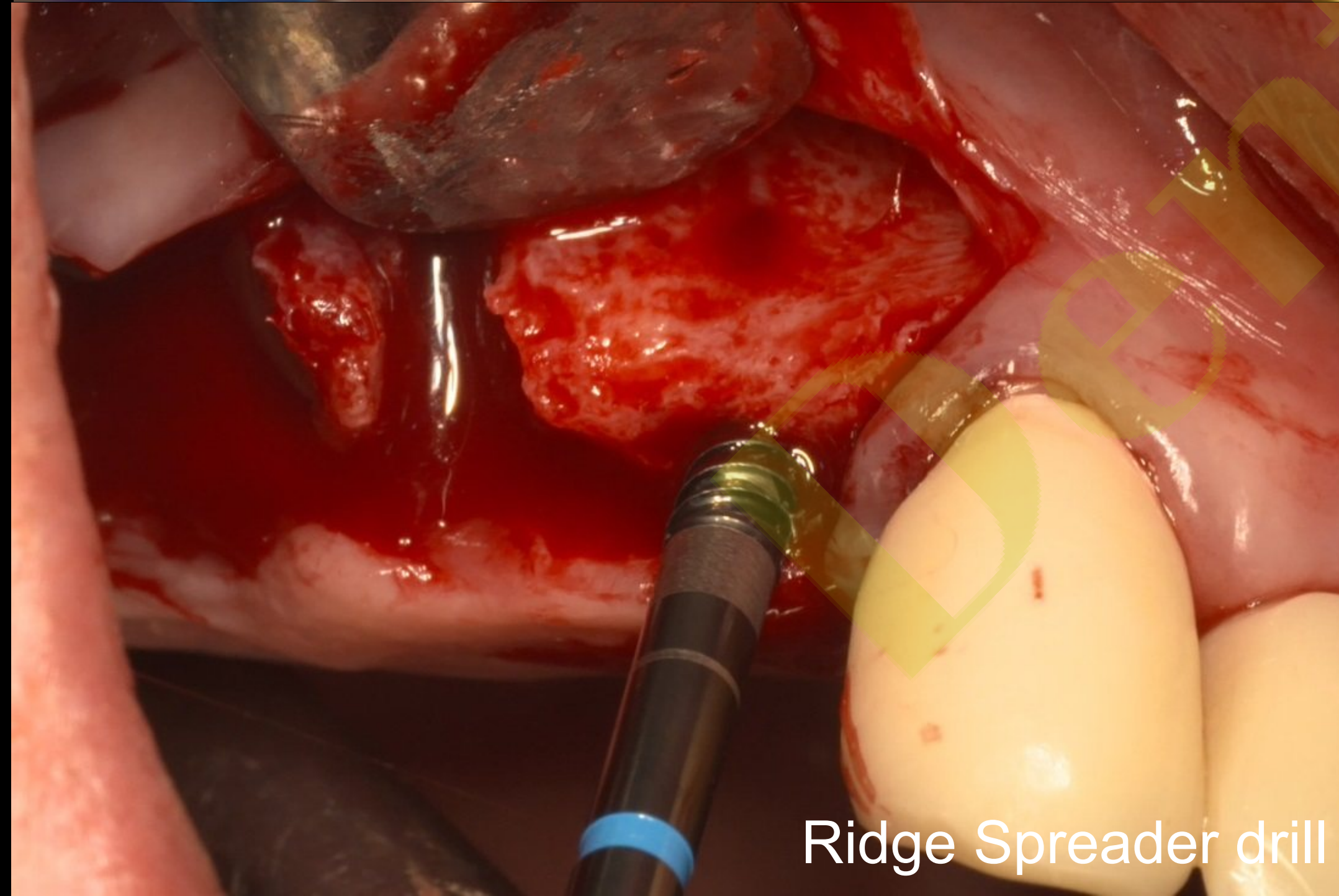
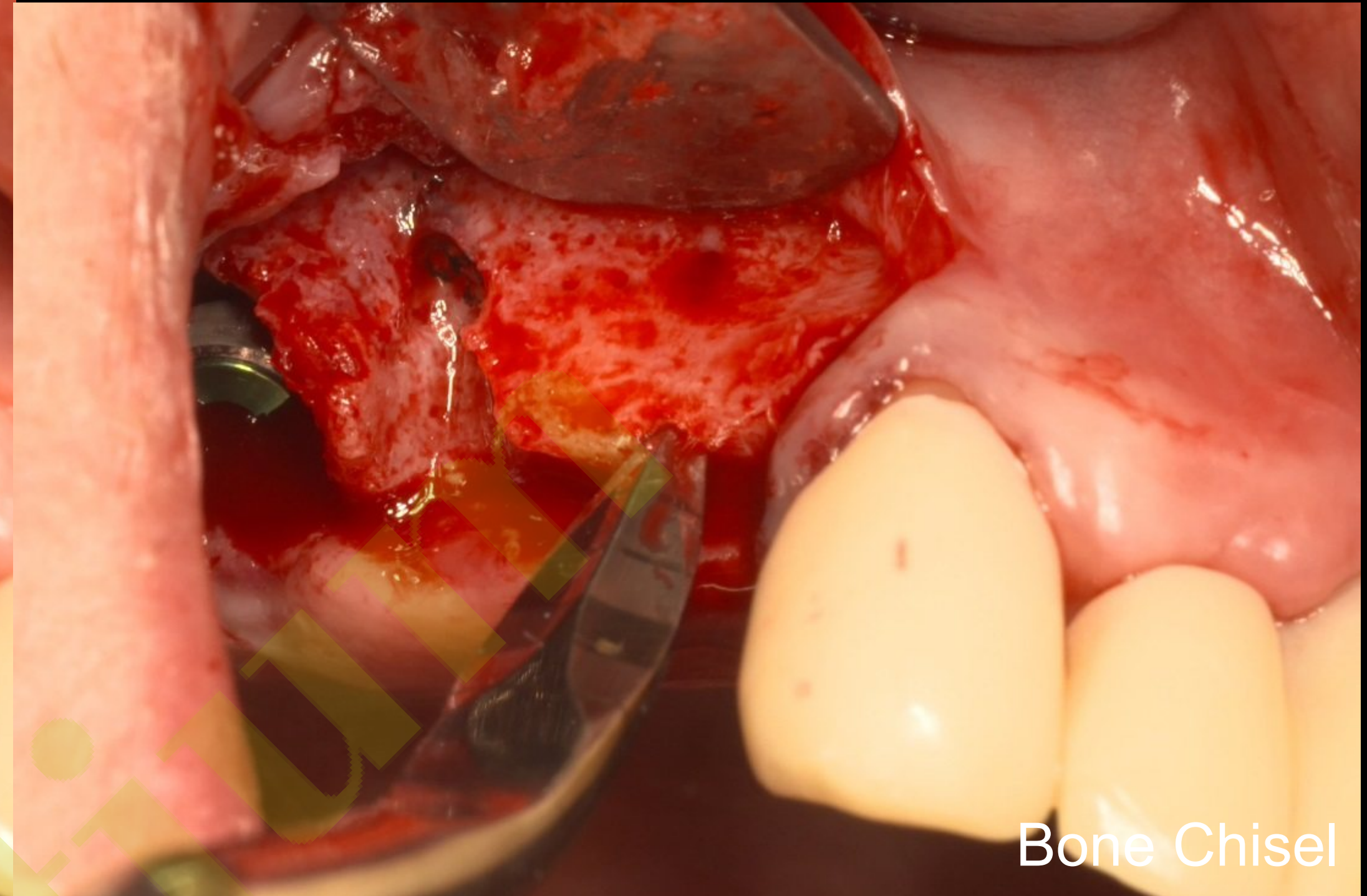
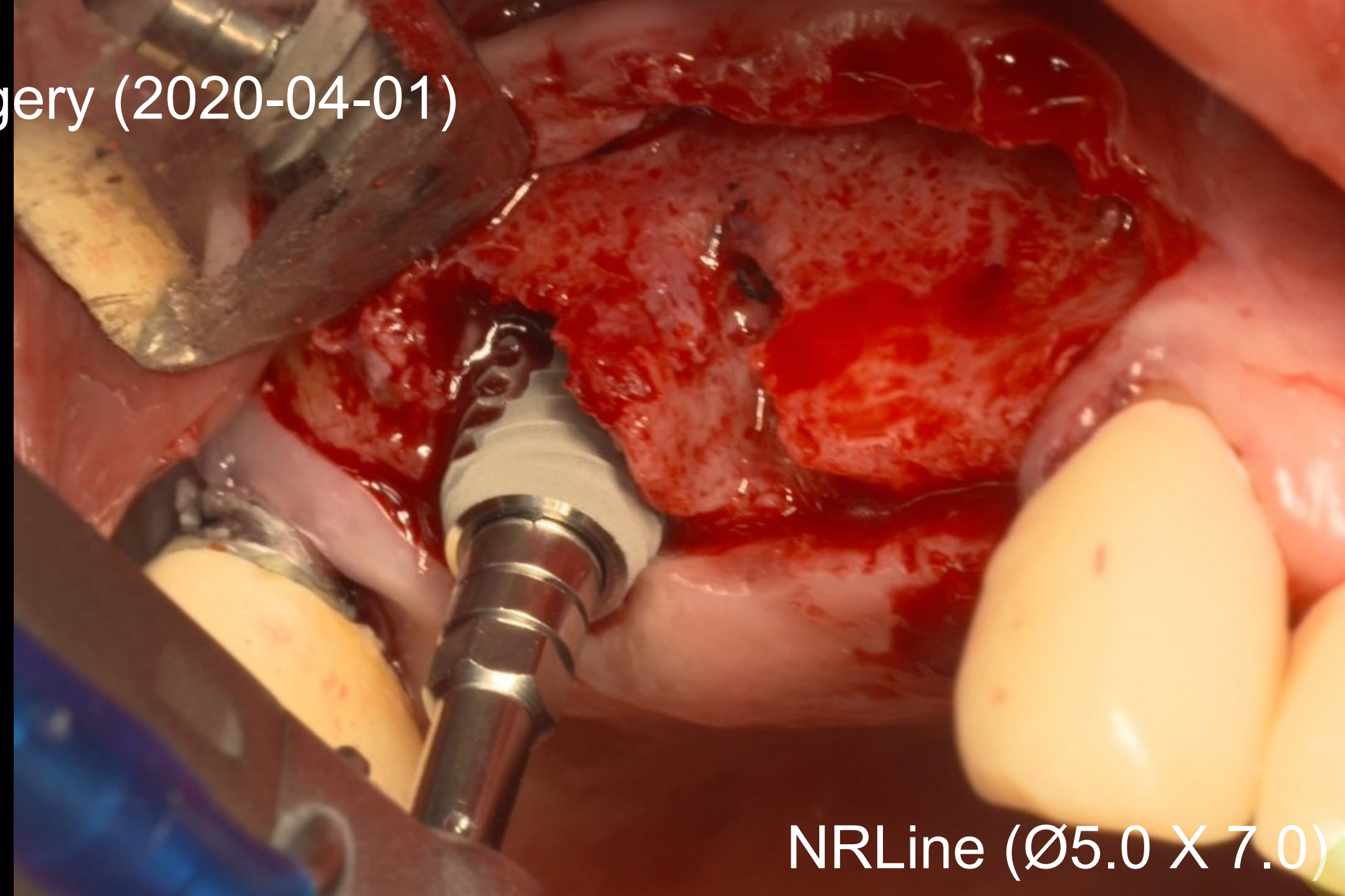
Saline



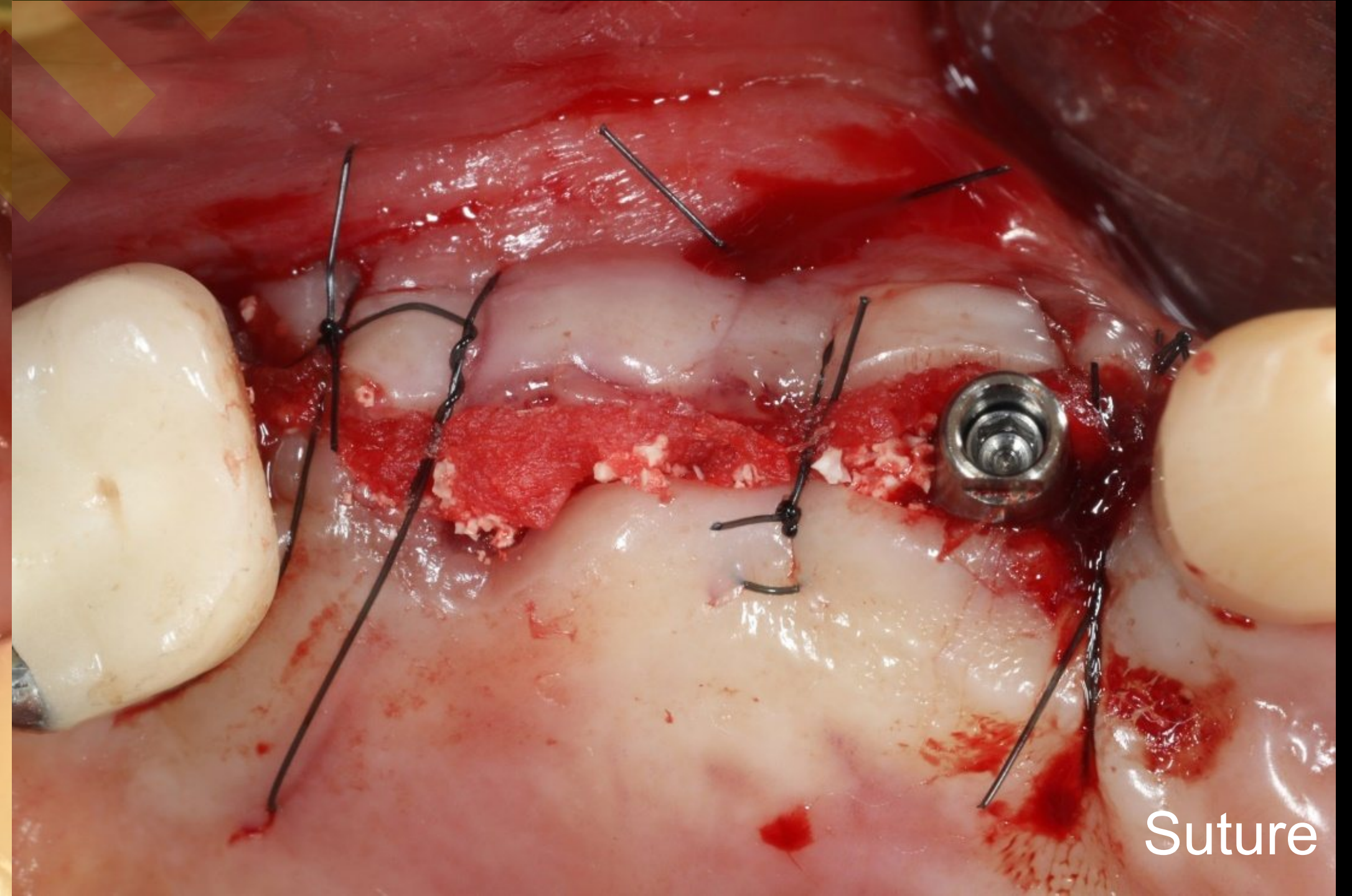
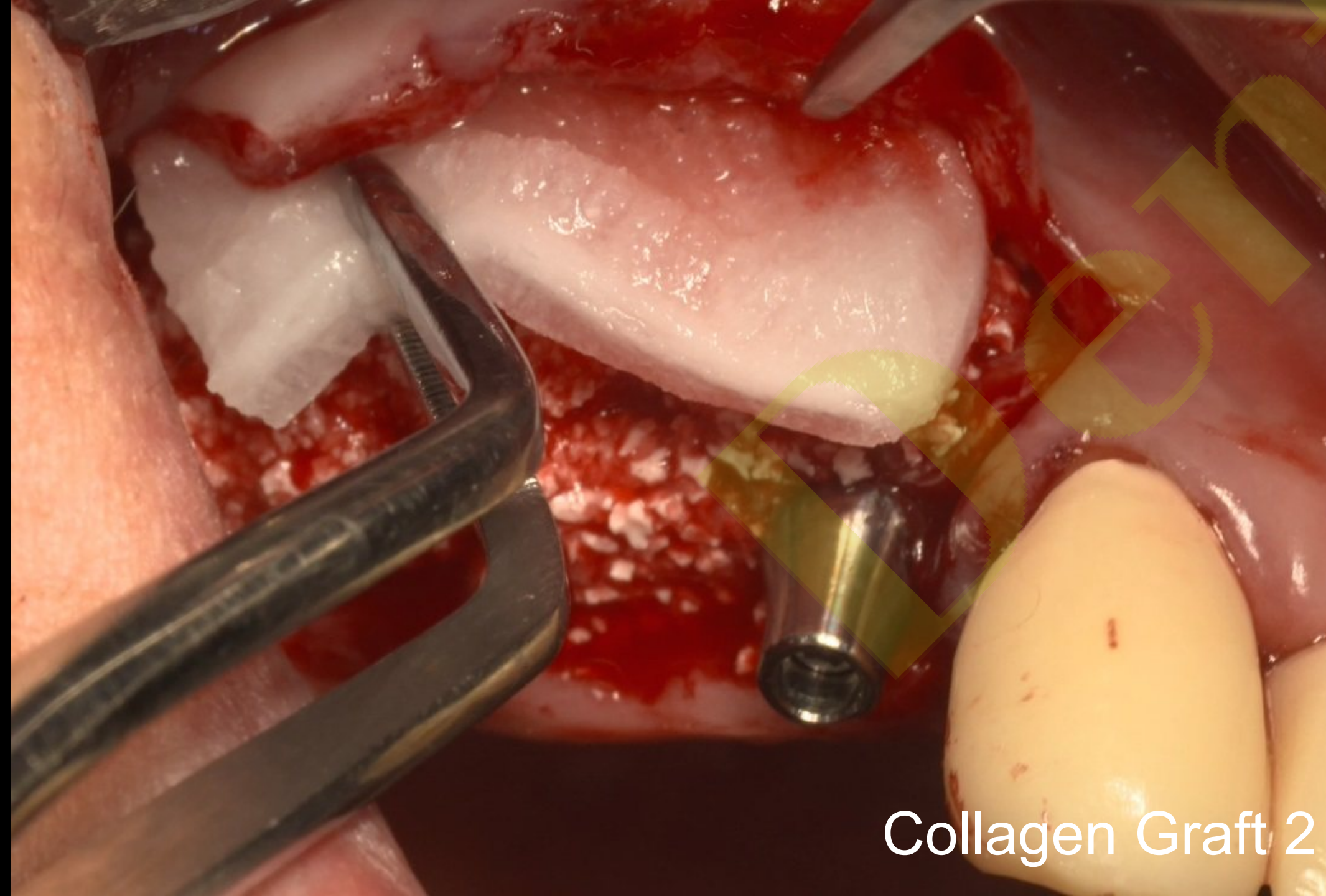
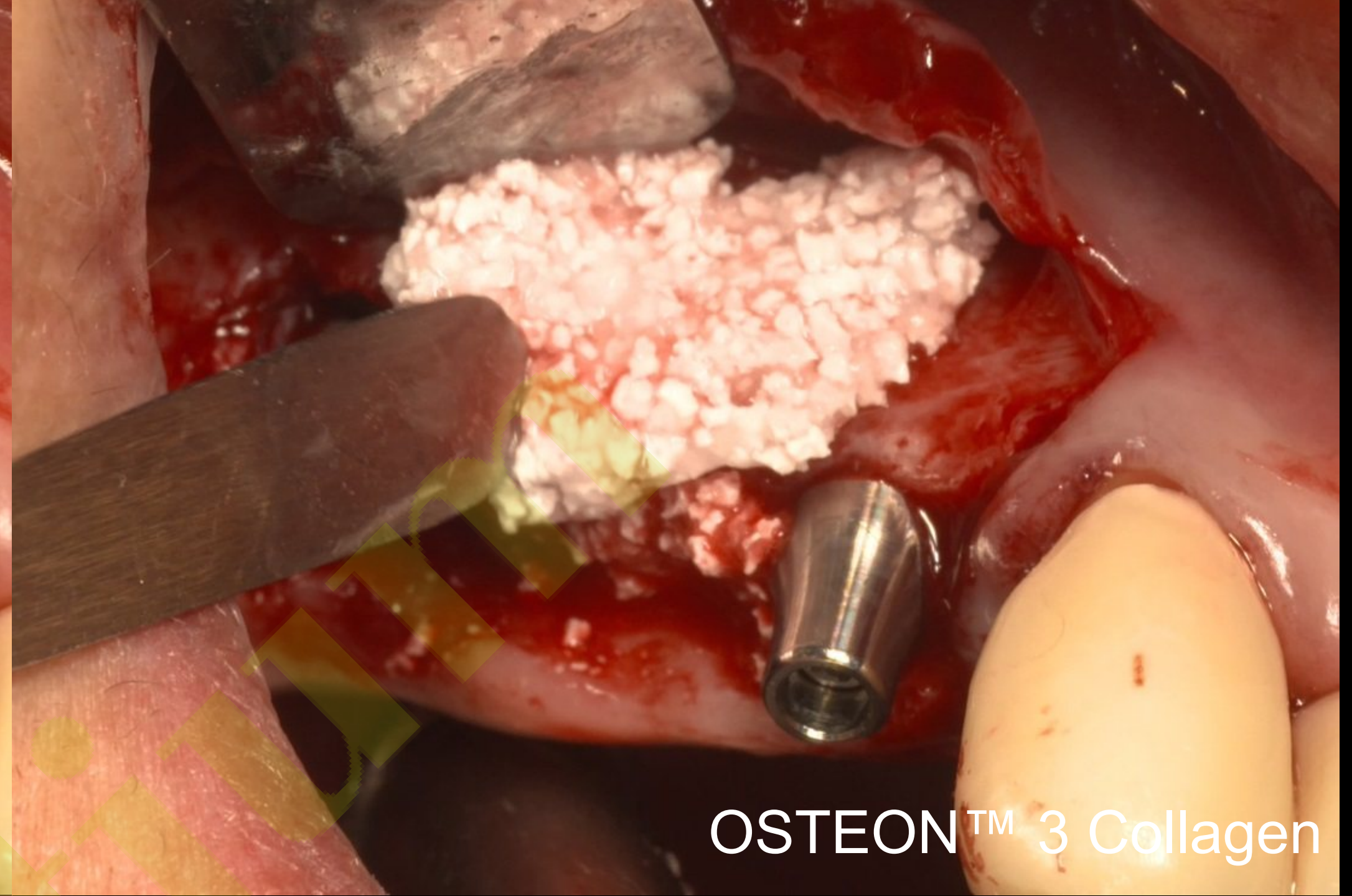
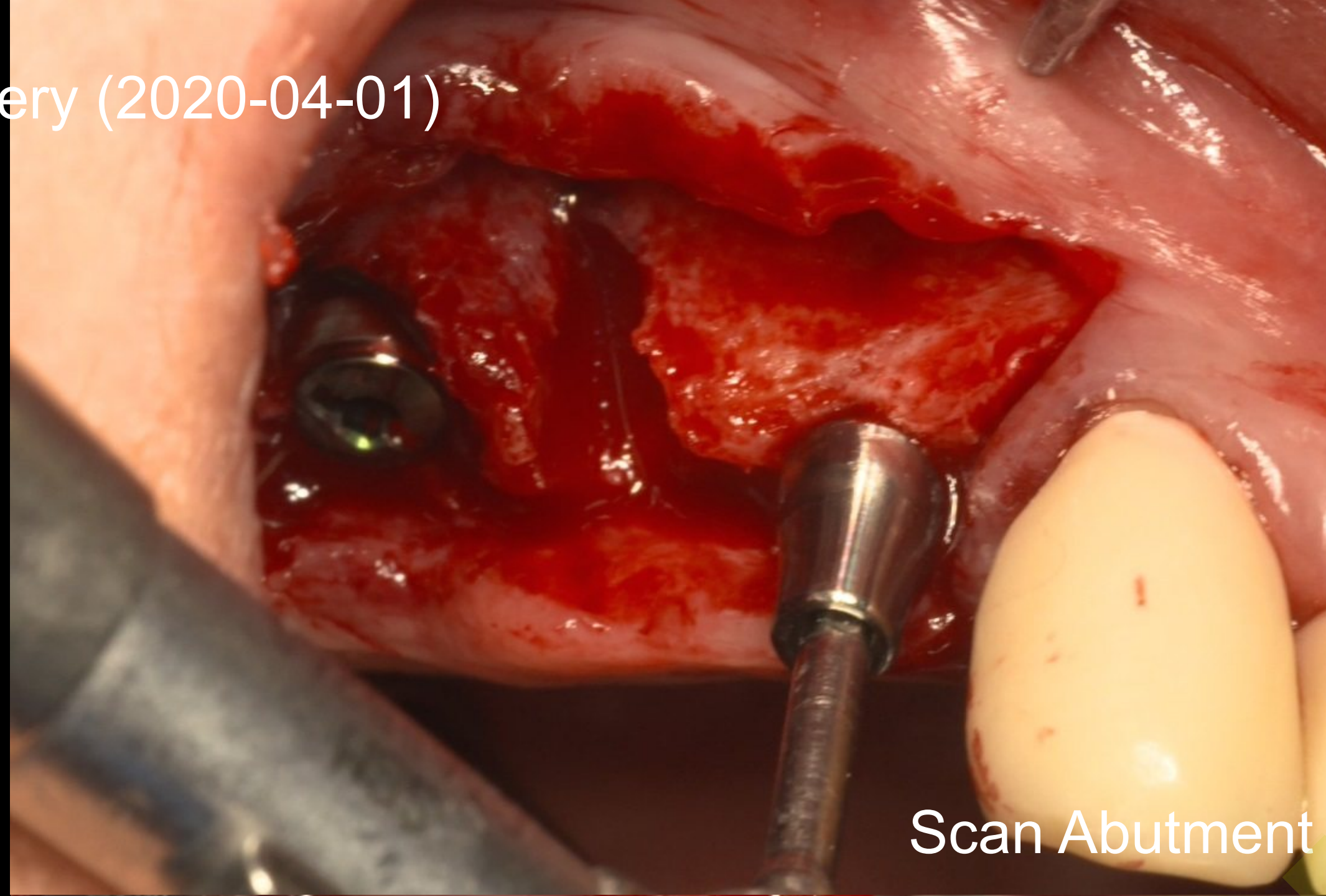
Surgery (2020-04-01)



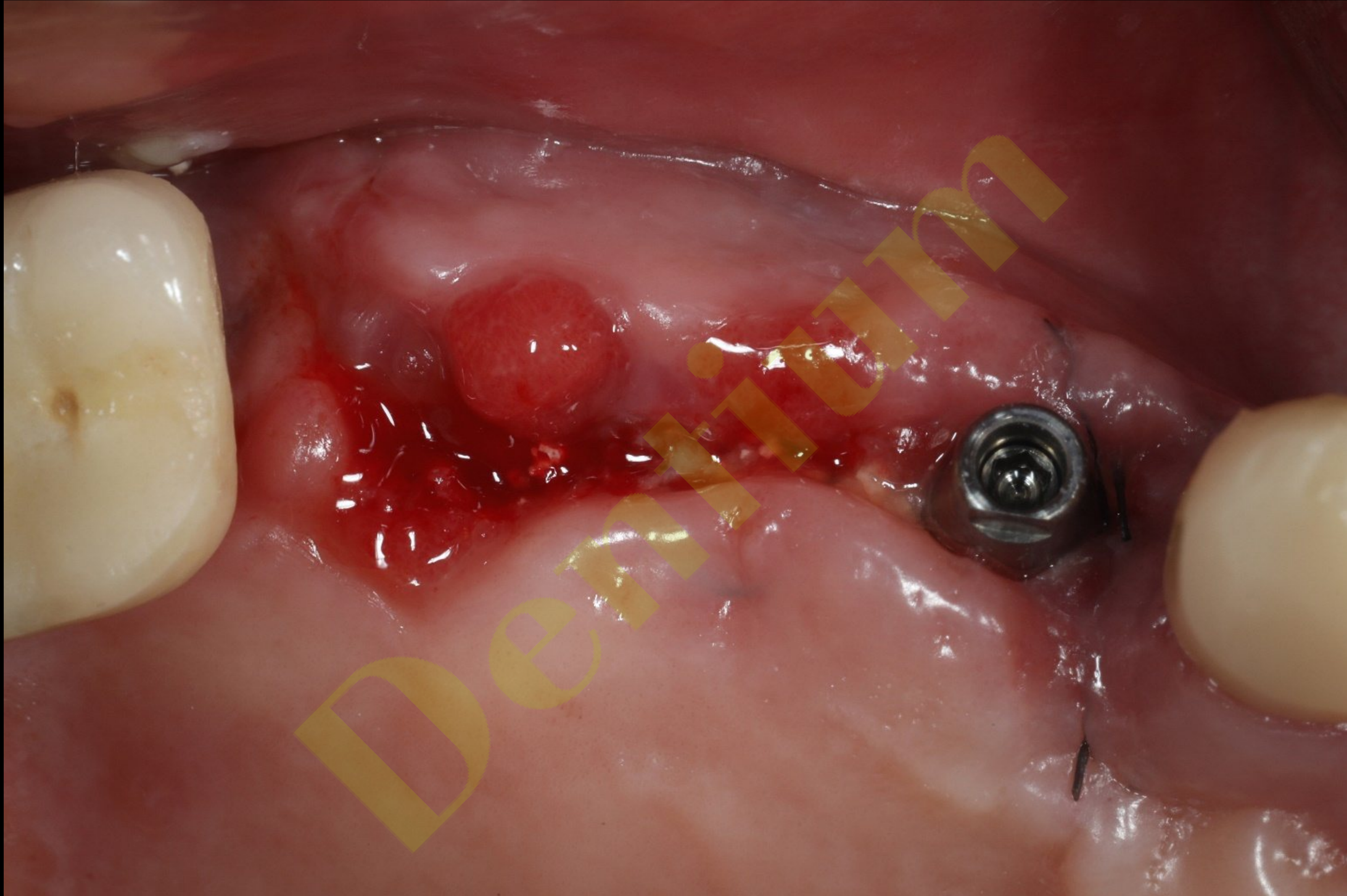
Surgery (2020-04-01)



Surgery (2020-04-01)



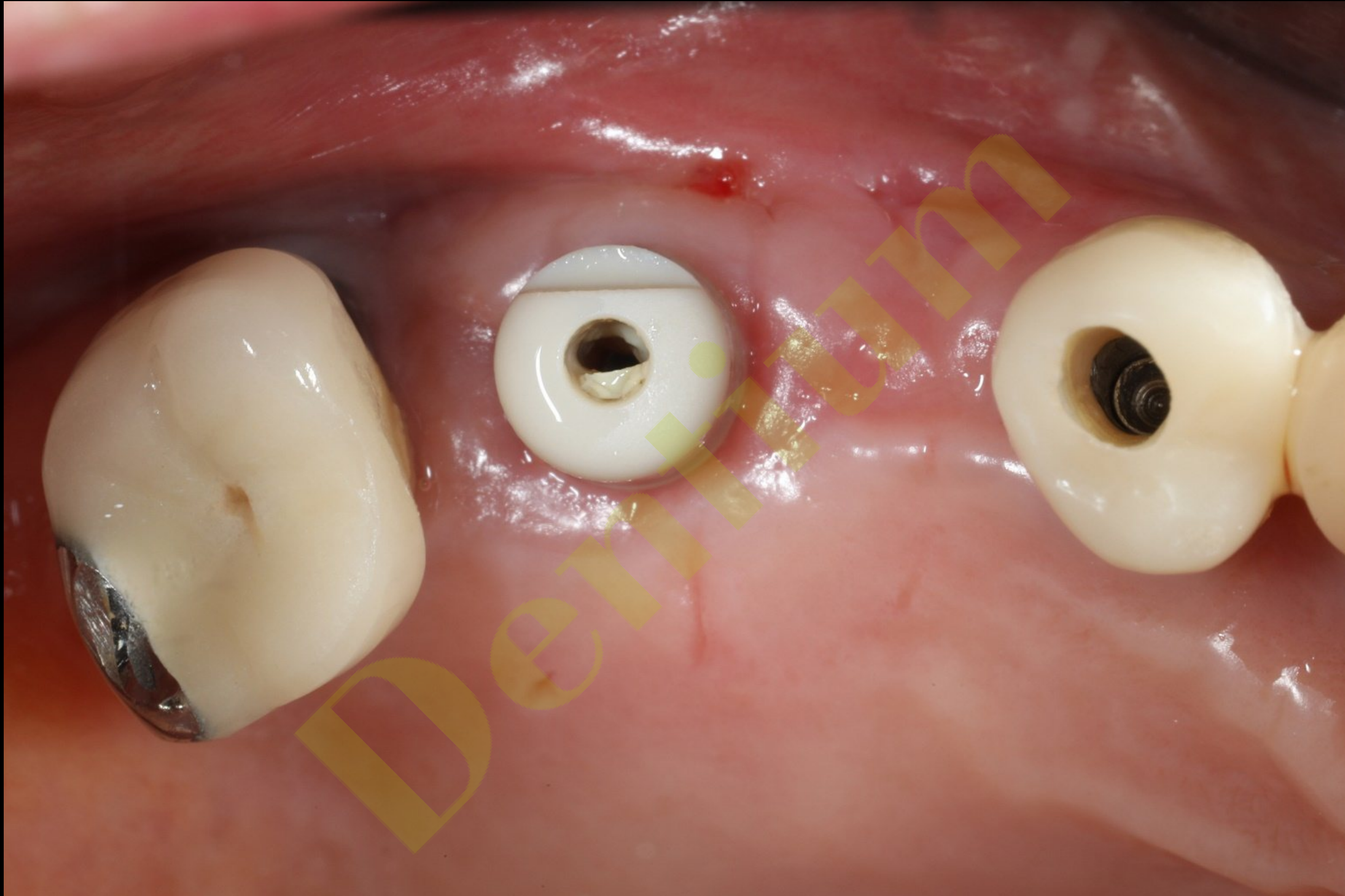
Healing : 2 weeks (2020-04-15)



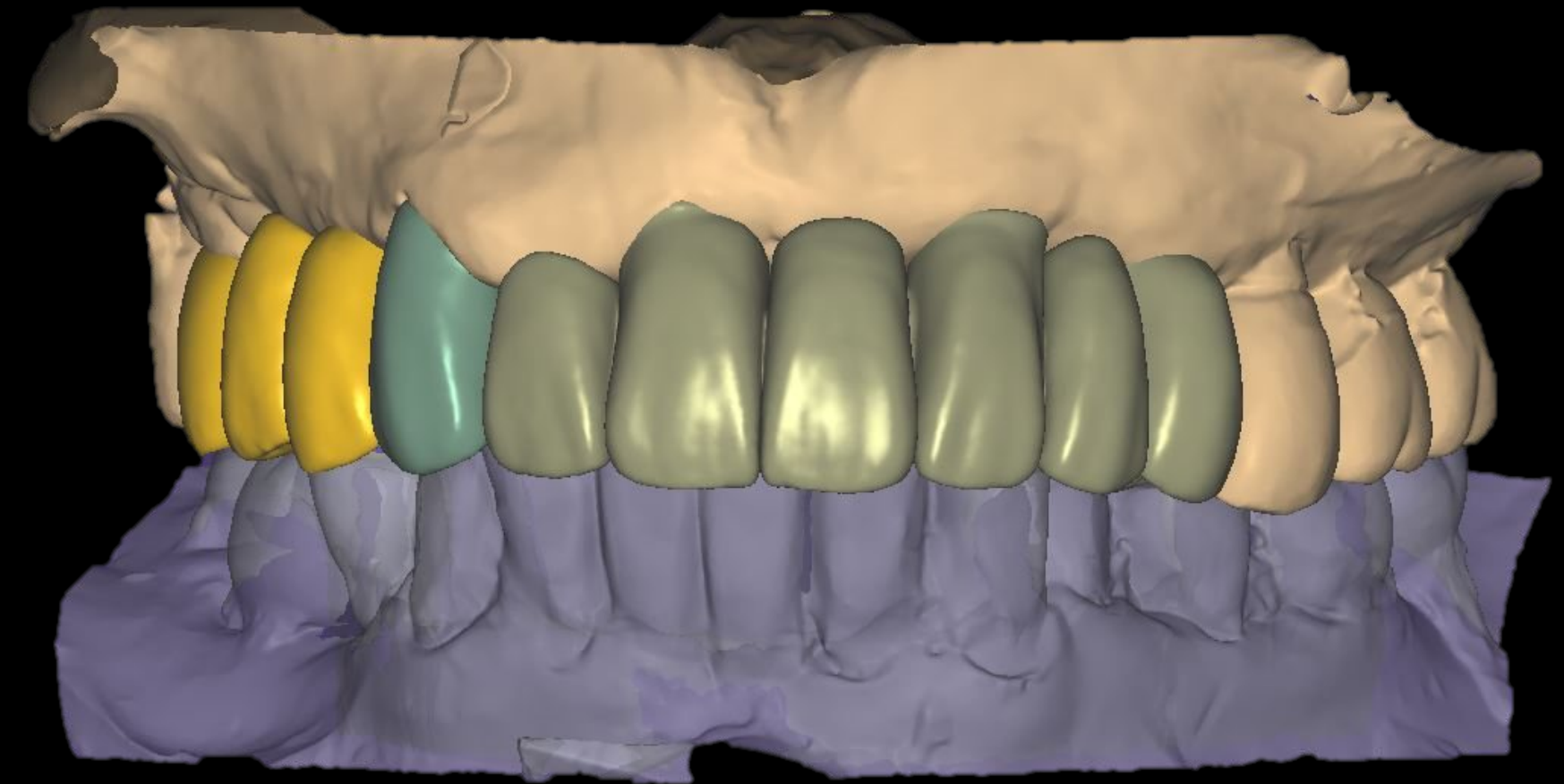
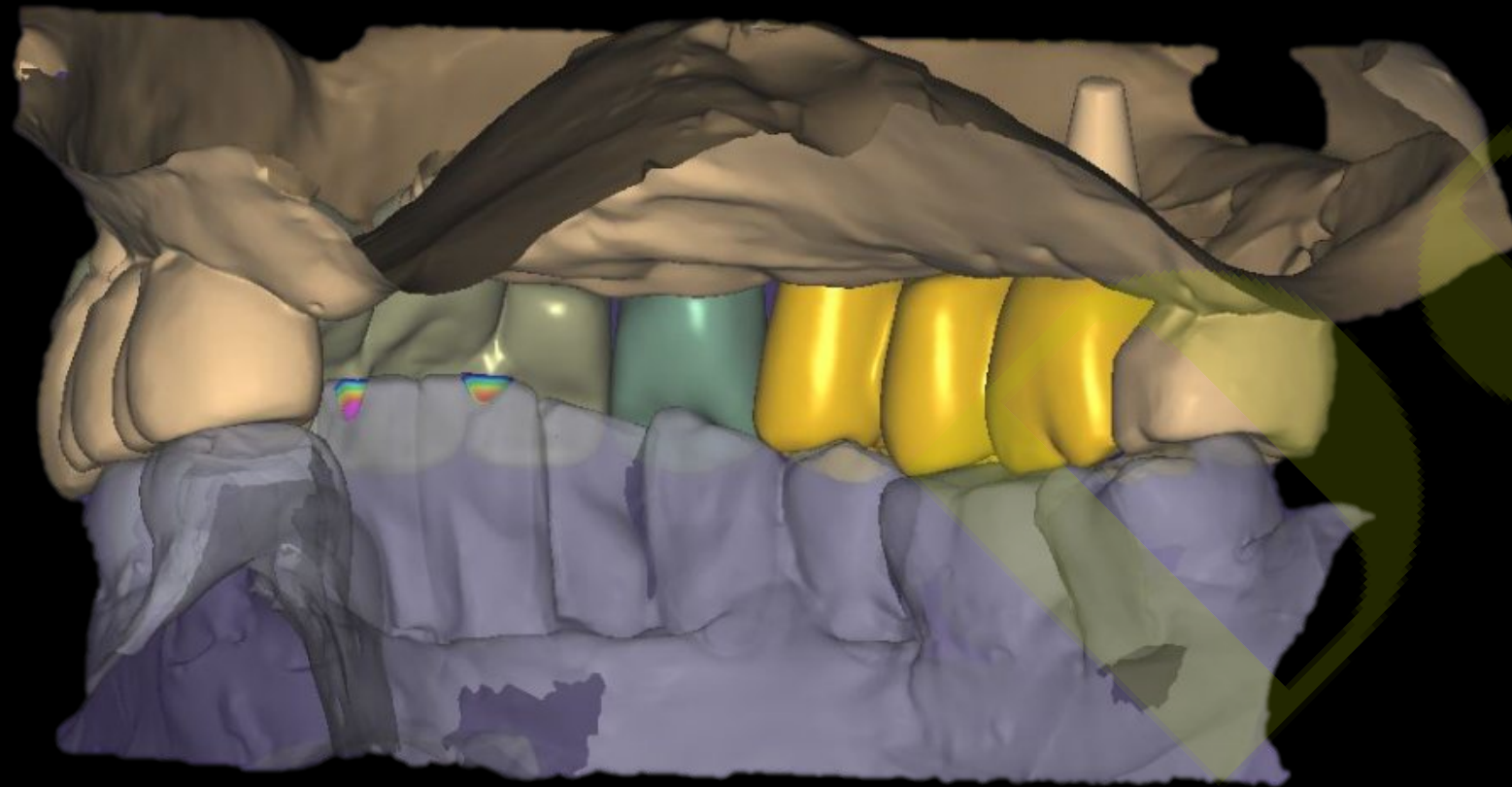
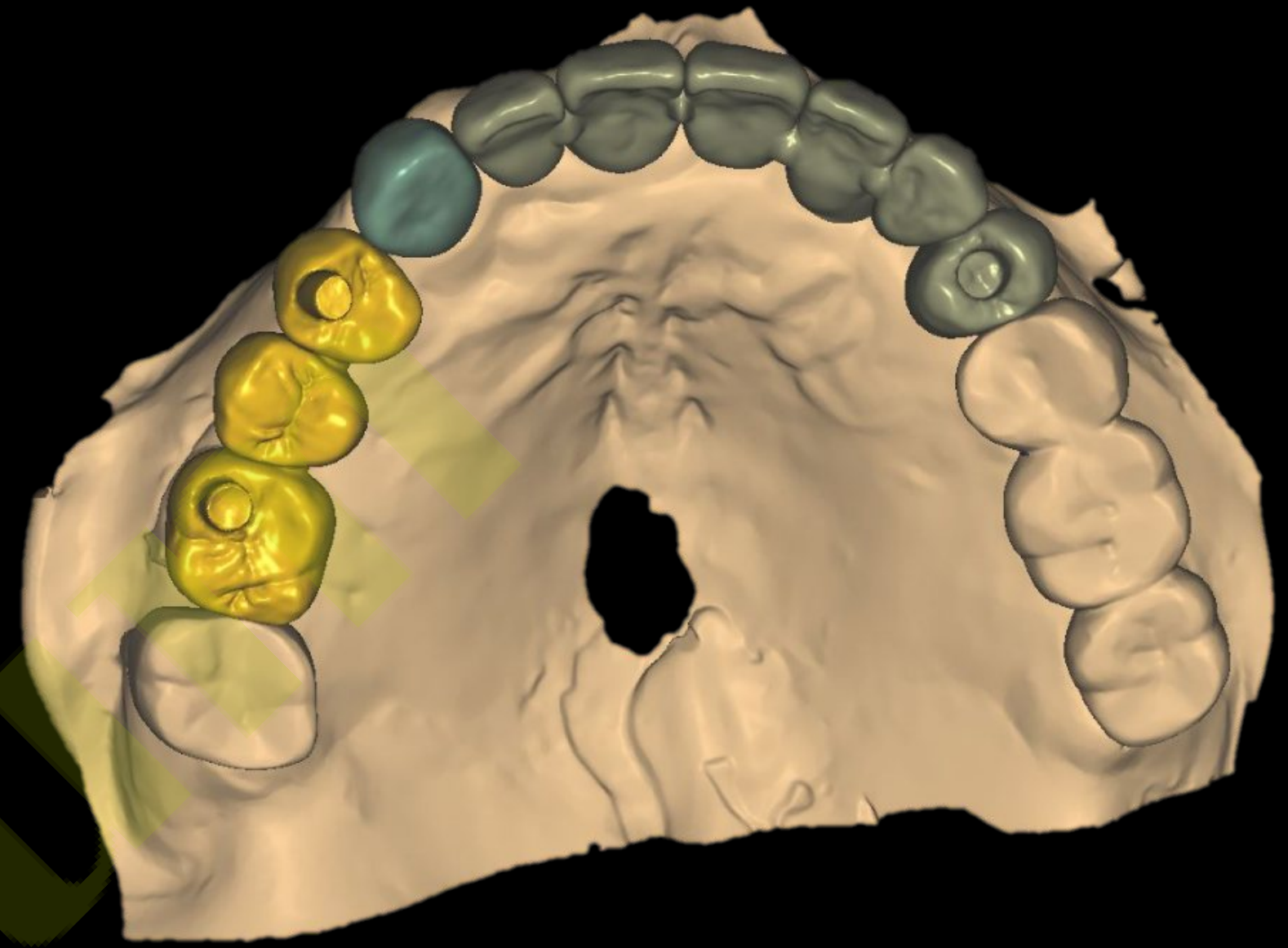
Healing : 8 months (2020-11-25)



Healing : 3 weeks (After 2nd Surgery) (2020-12-16)



CAD (Final)



Final prosthesis (2020-12-16)



Follow up : 1 year 3 months (2022-03-29)



Follow up : 2 years 2 months (2023-03-02)

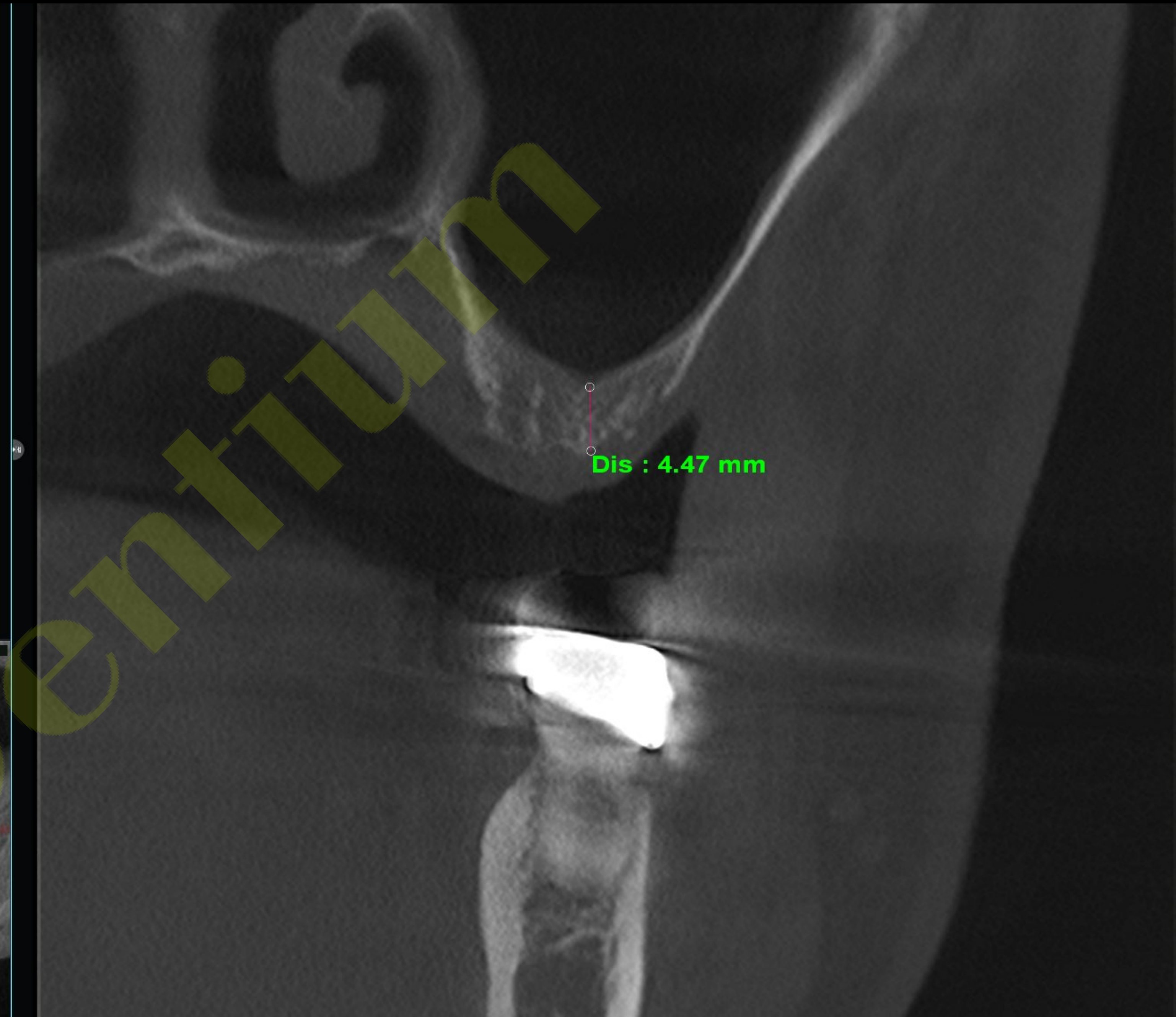
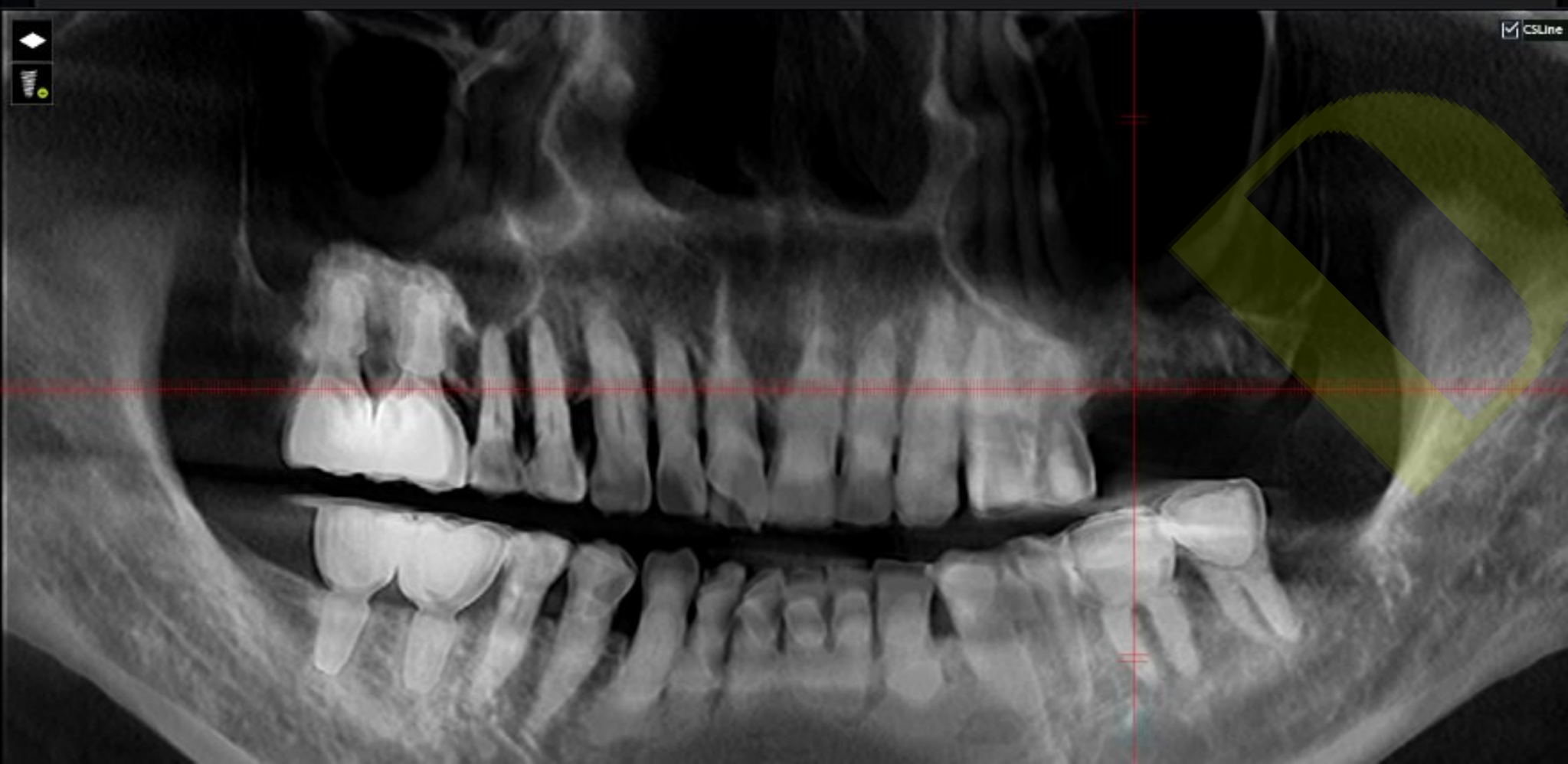
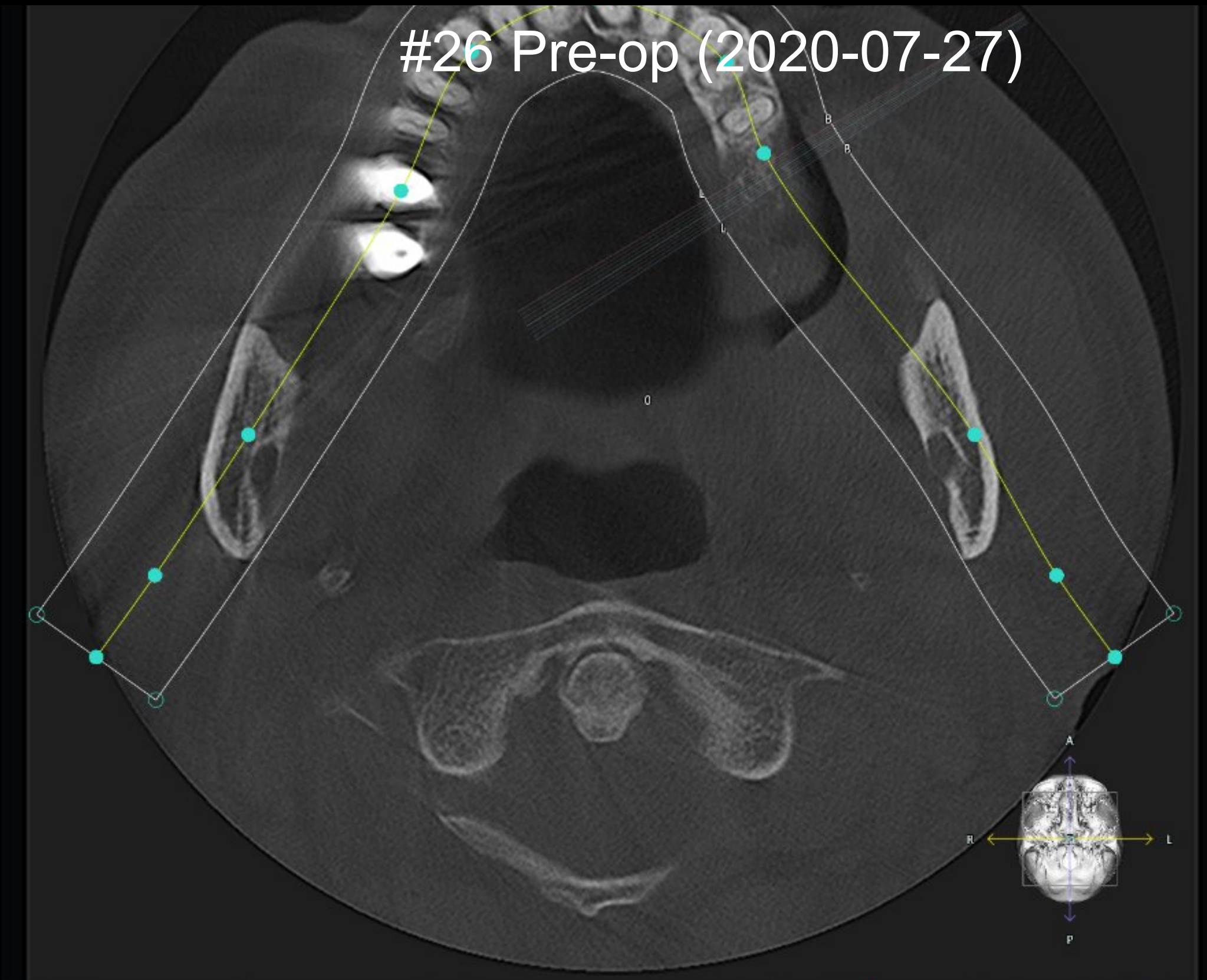


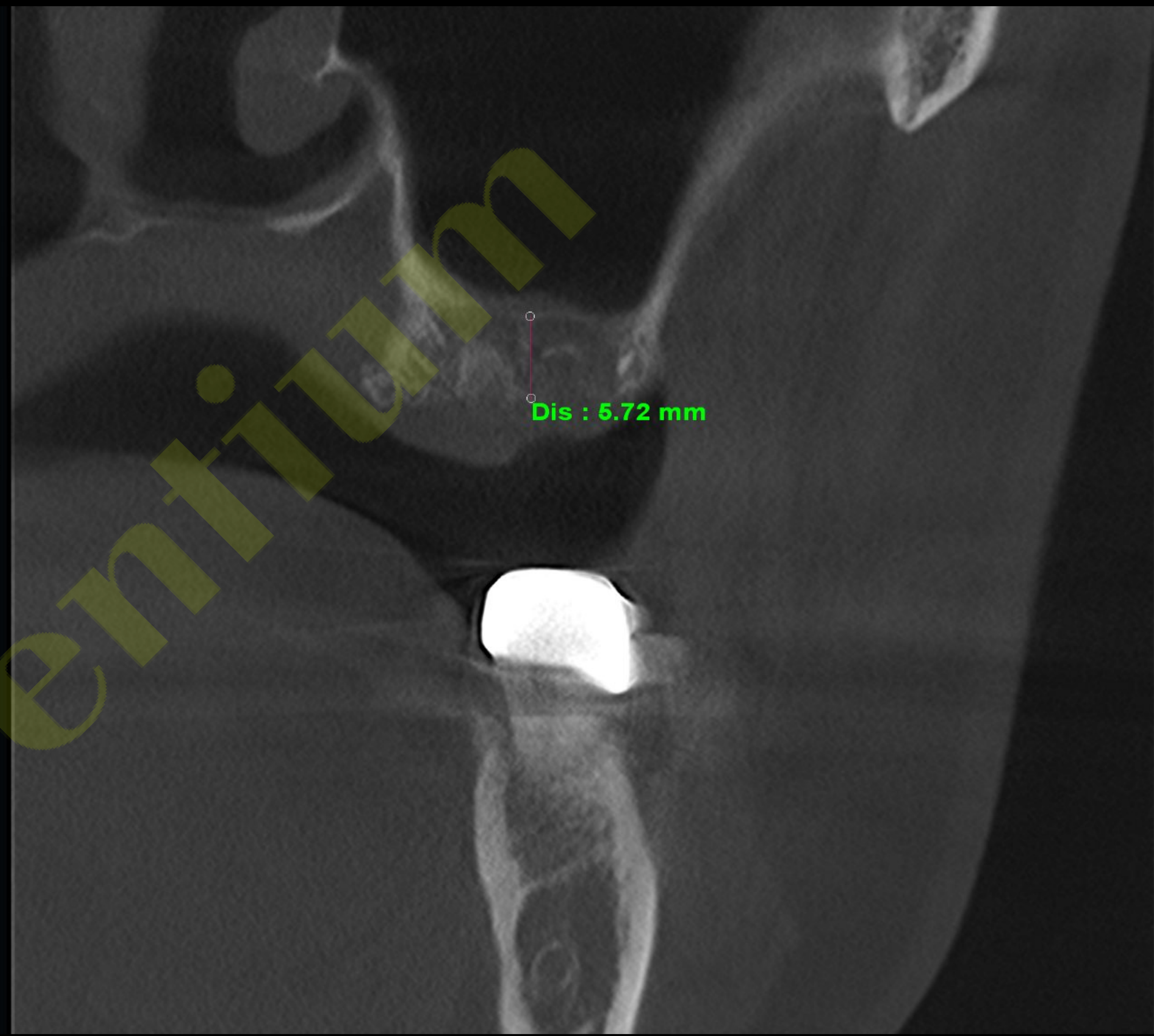
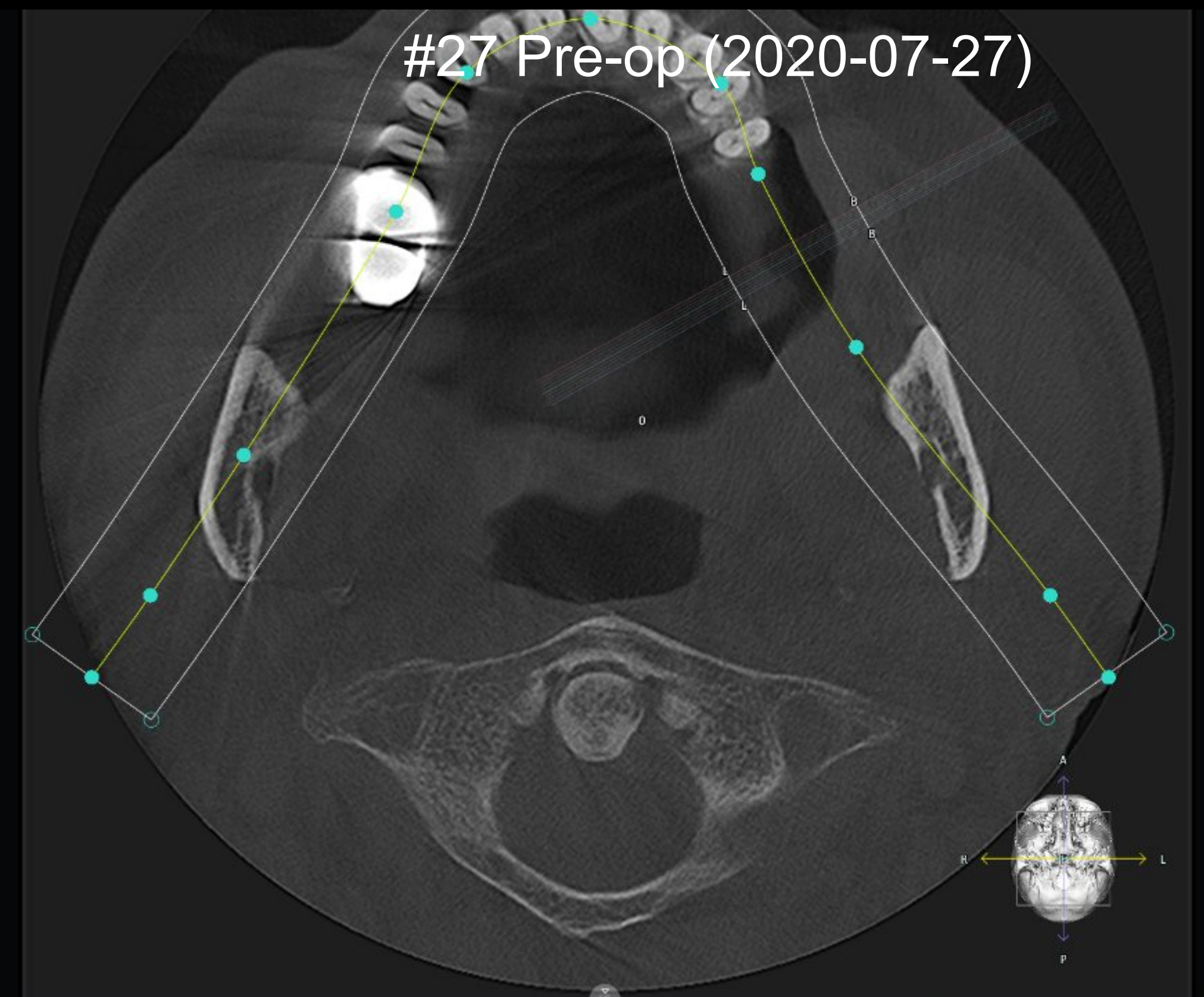
Overcoming Sinus membrane perforation using **OSTEON™ 3 Collagen**

(bright Bone Level, OSTEON™ 3 Collagen, Collagen Membrane,
Collagen Graft 2, Sinus Kit, Digital Guide(F))

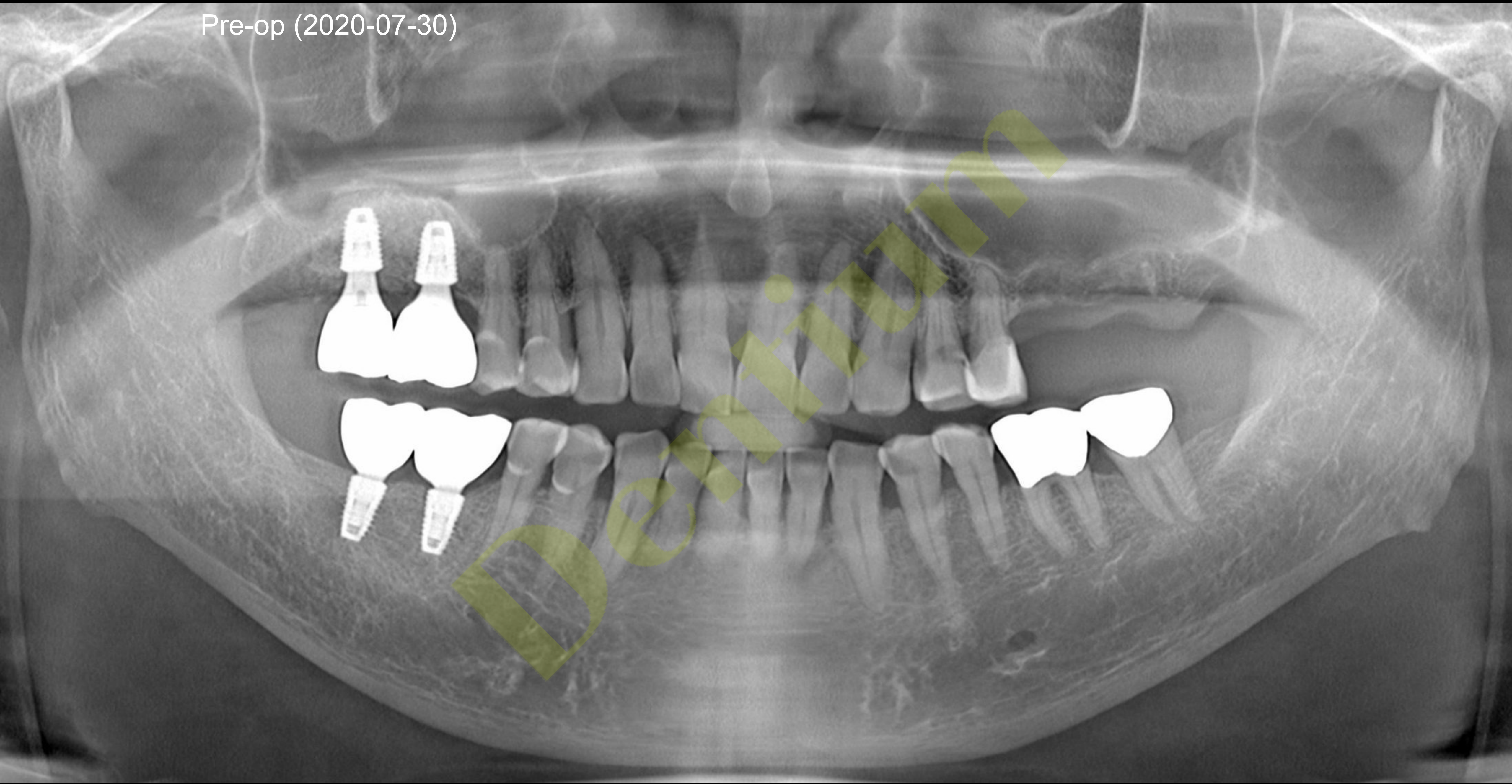
Pt. 1949 / M

#26 Pre-op (2020-07-27)

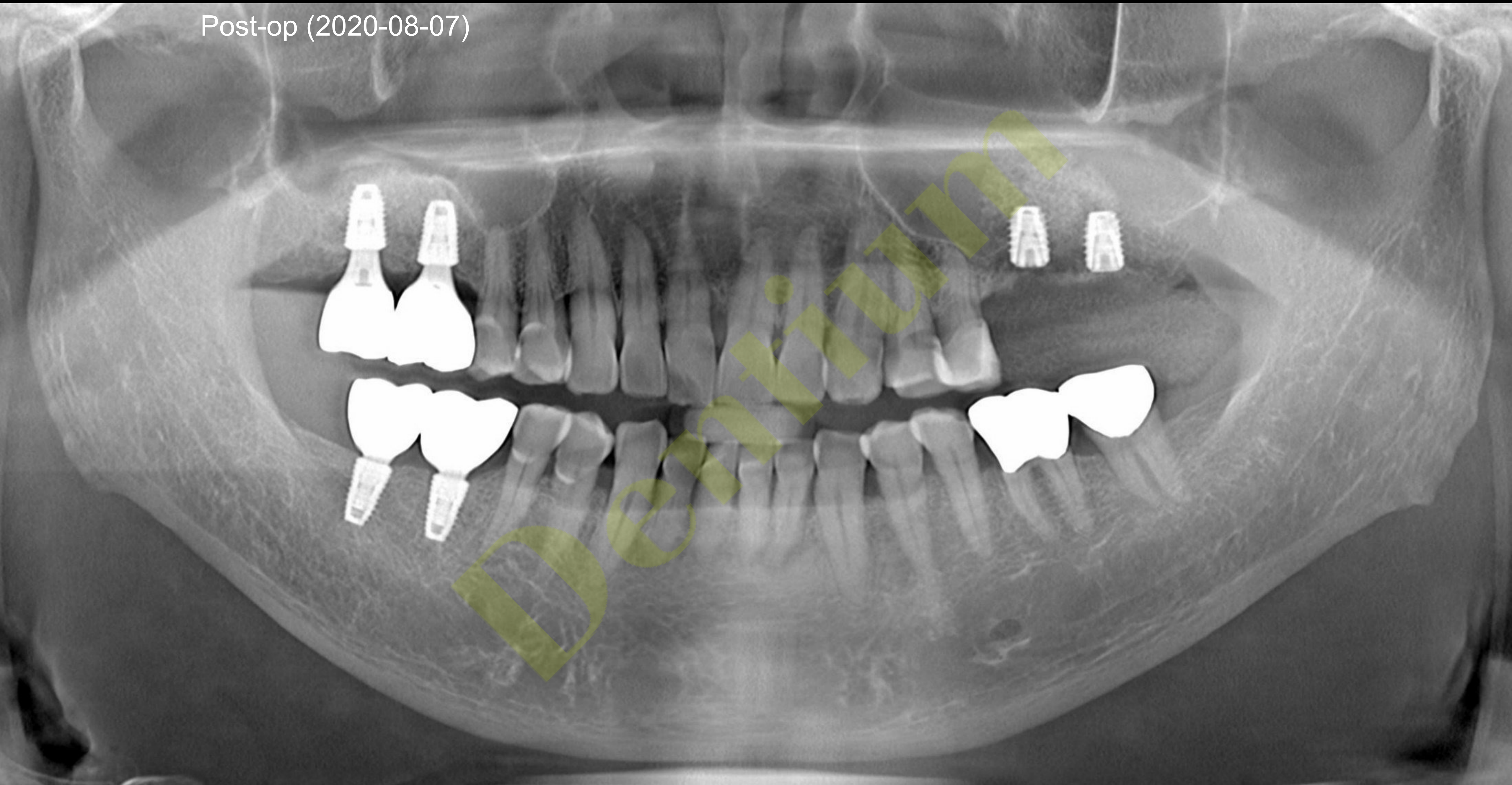




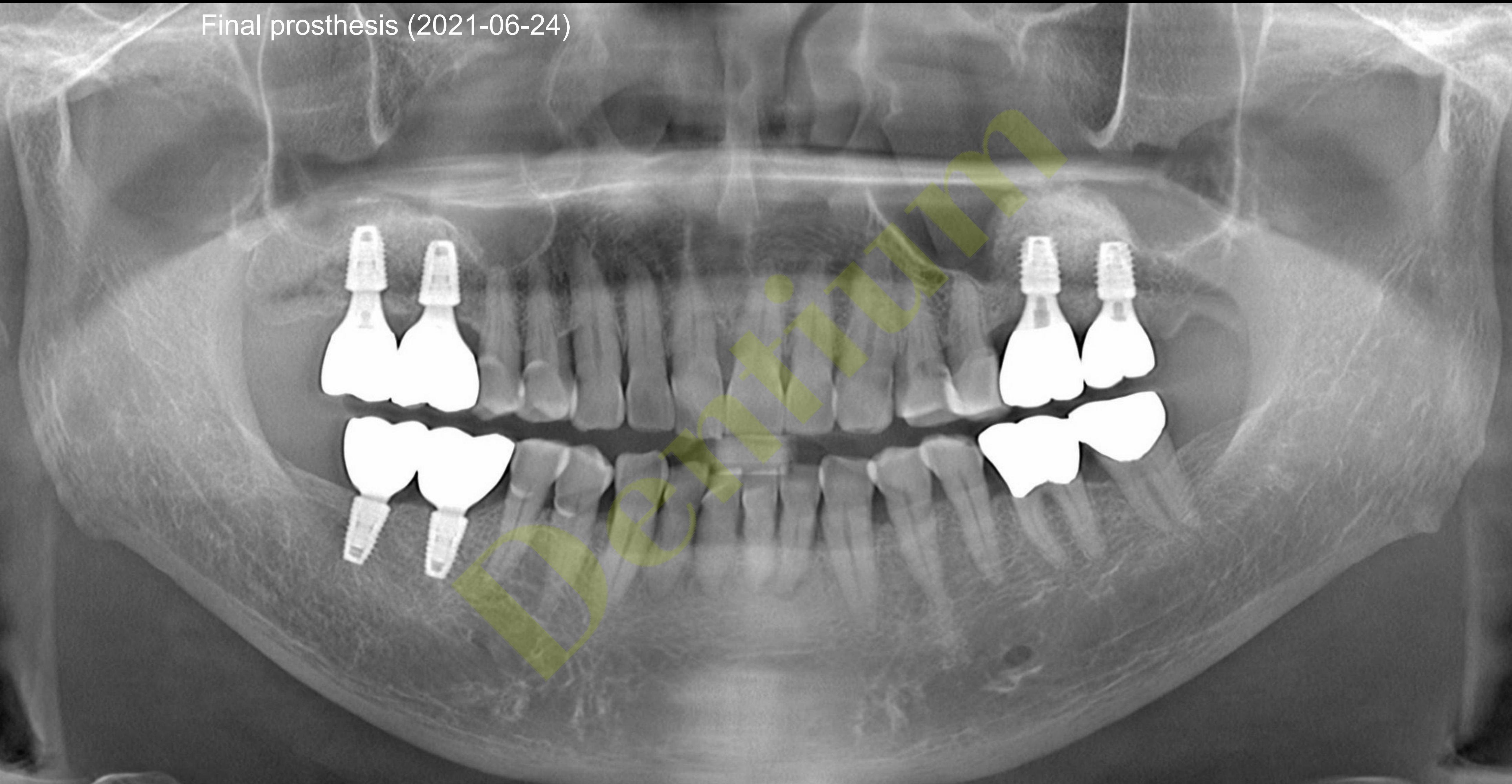
Pre-op (2020-07-30)



Post-op (2020-08-07)



Final prosthesis (2021-06-24)



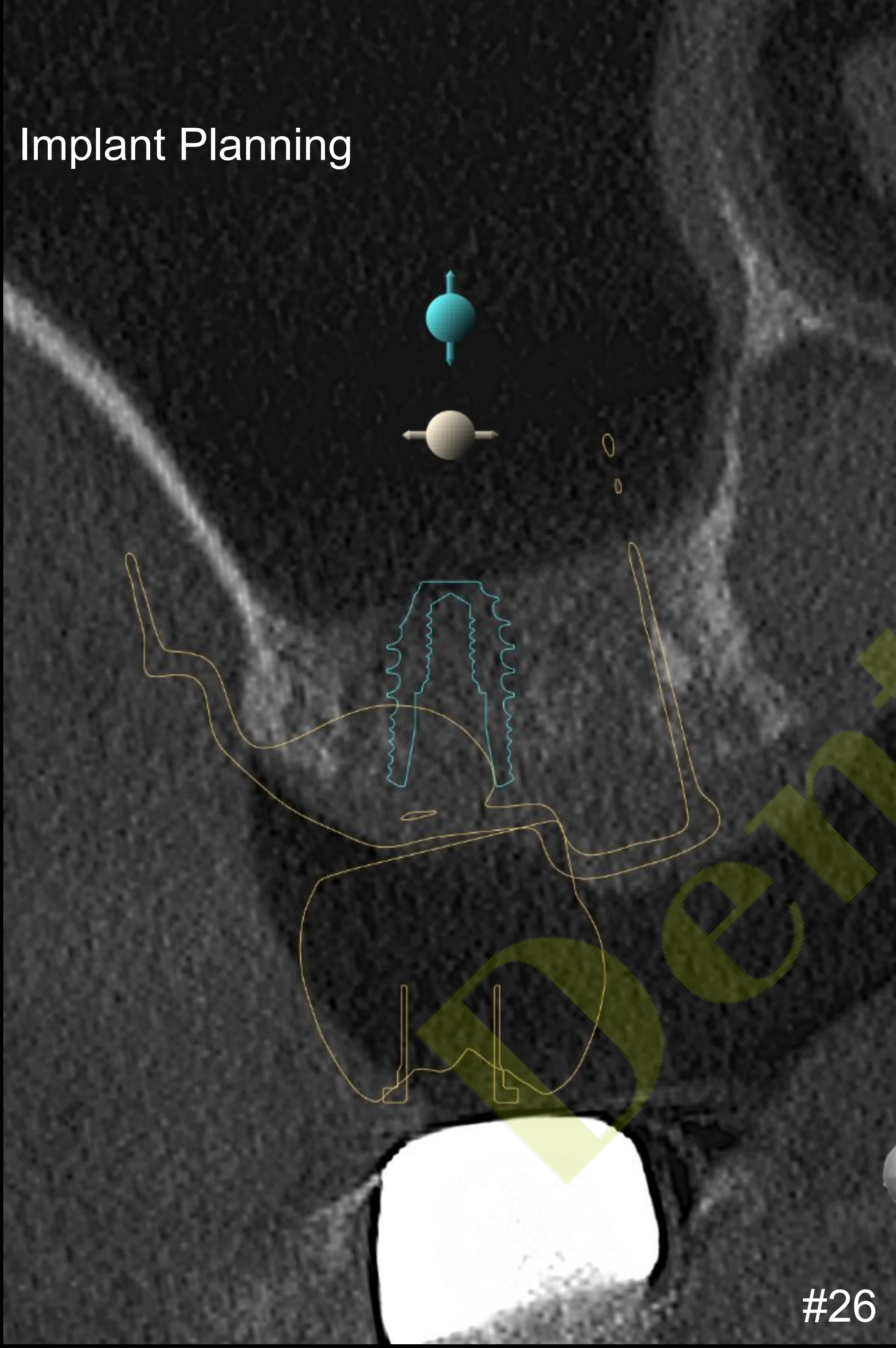
Pre-op (2020-07-30)



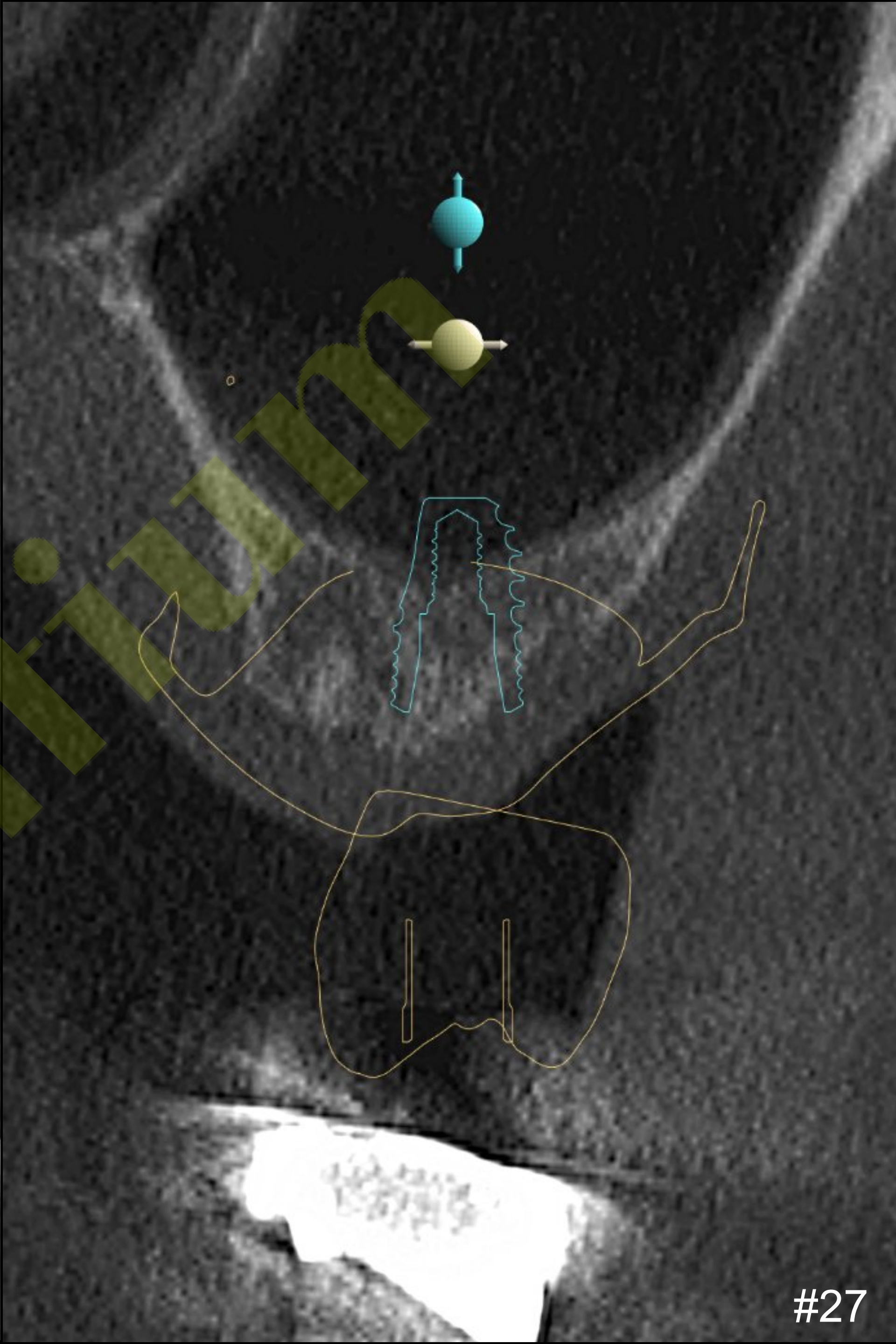
Intra Oral Scanning



Implant Planning

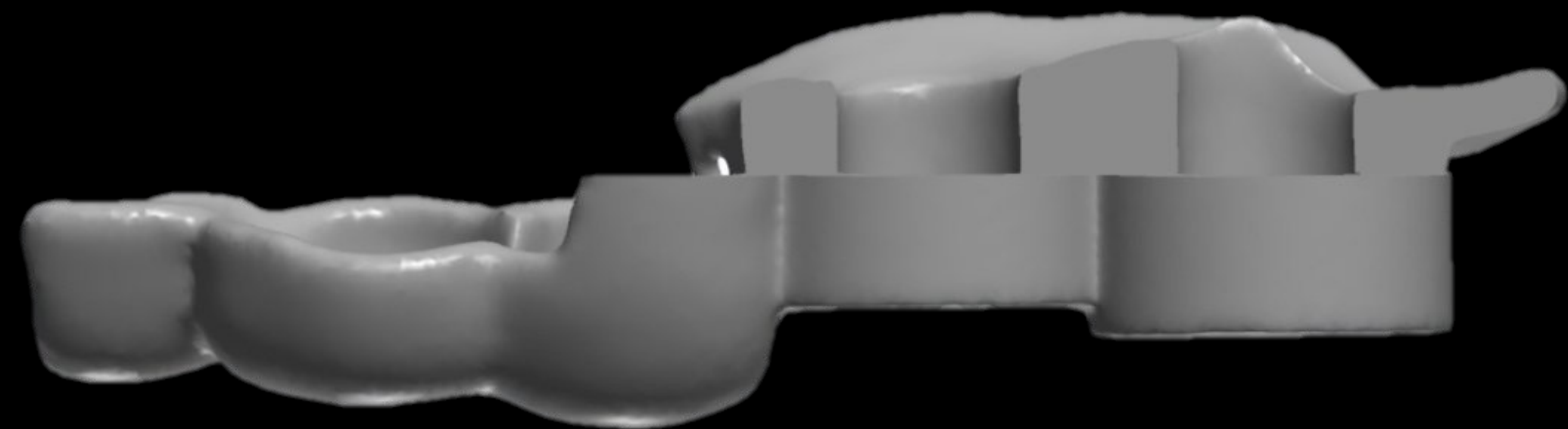
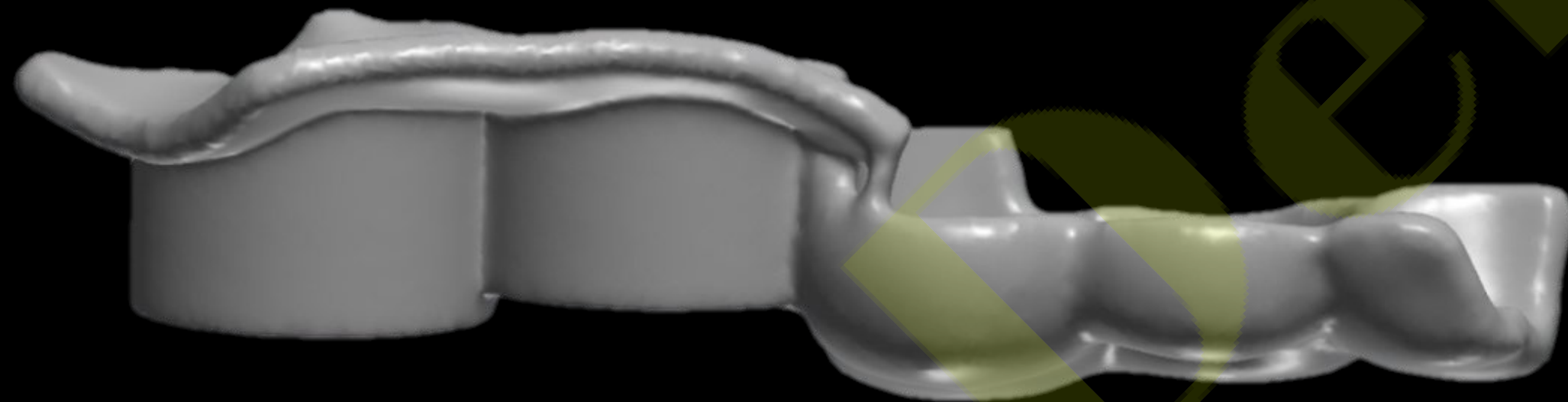
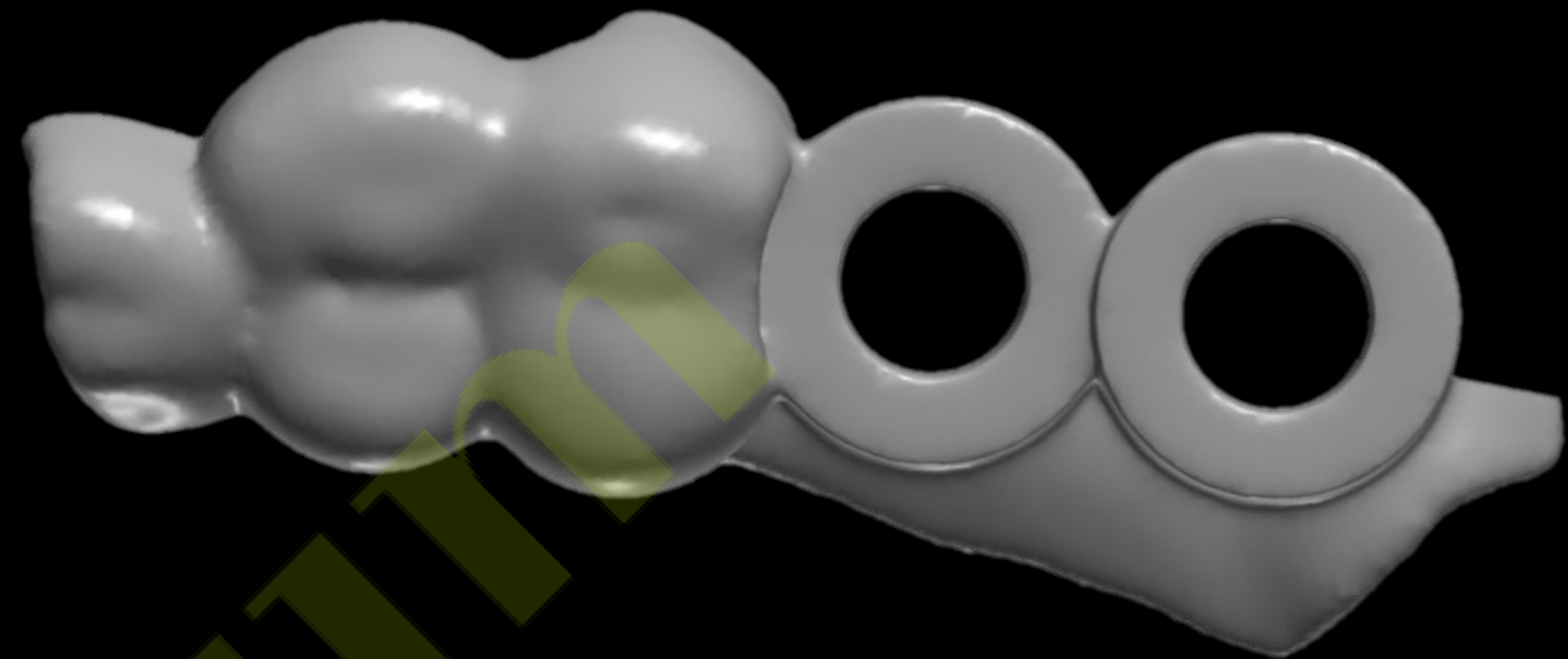
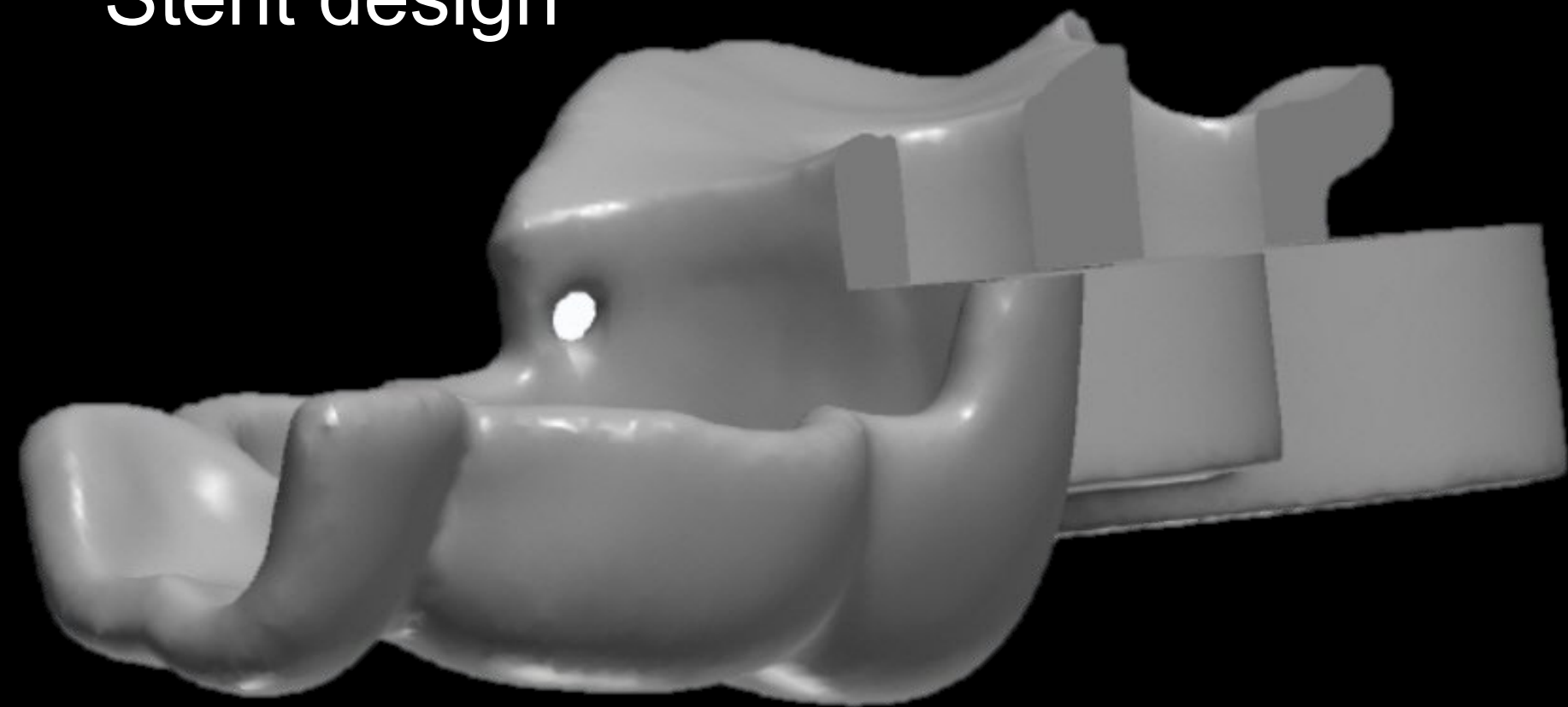


#26

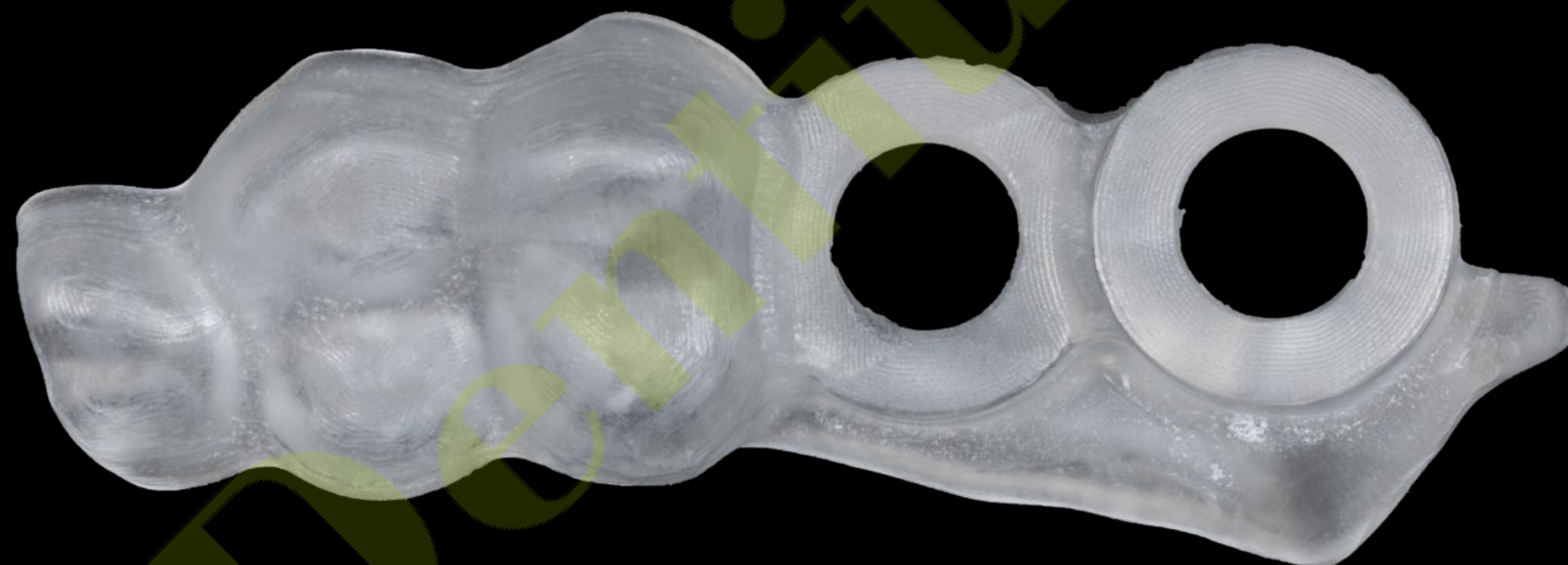


#27

Stent design



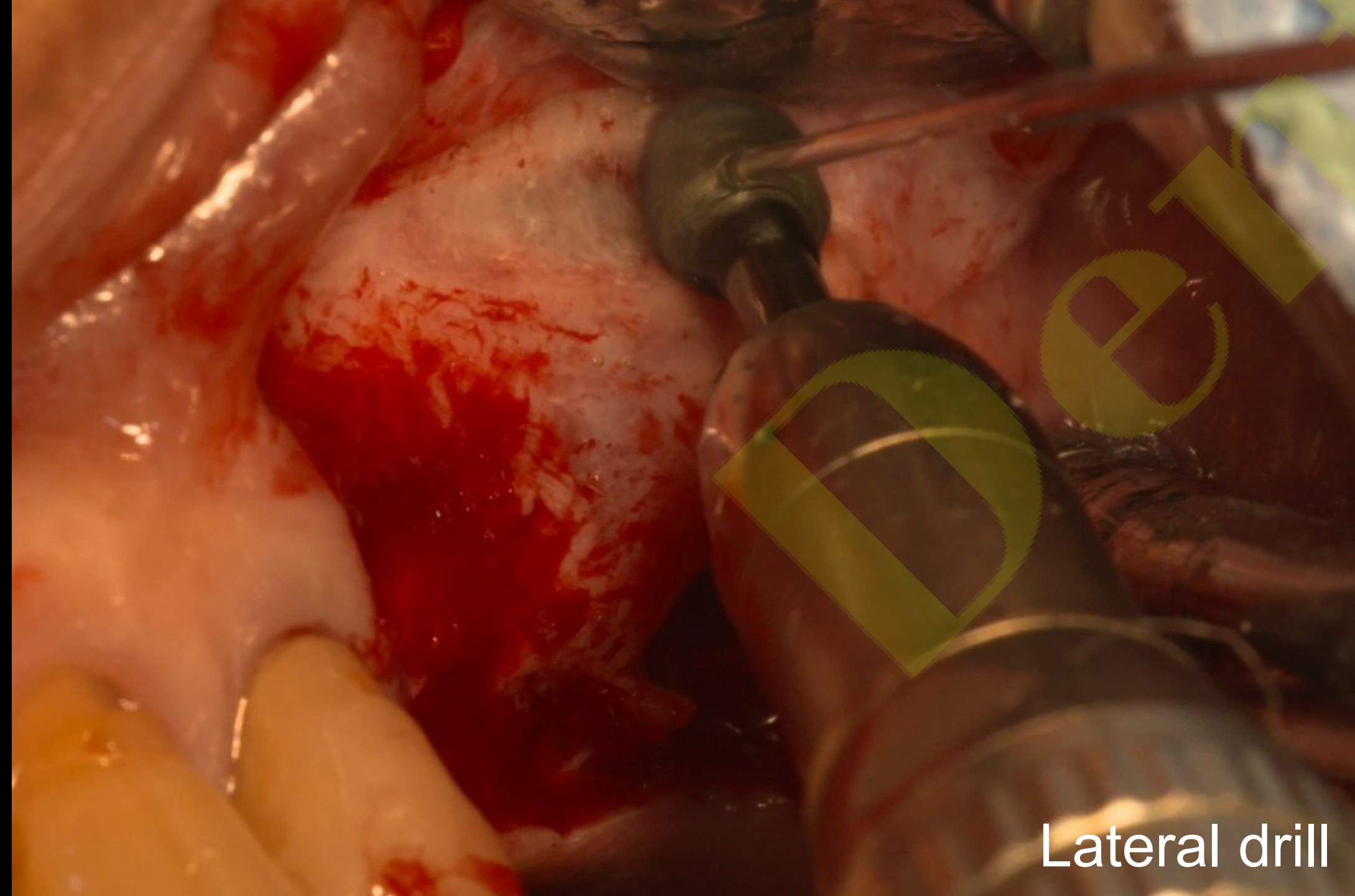
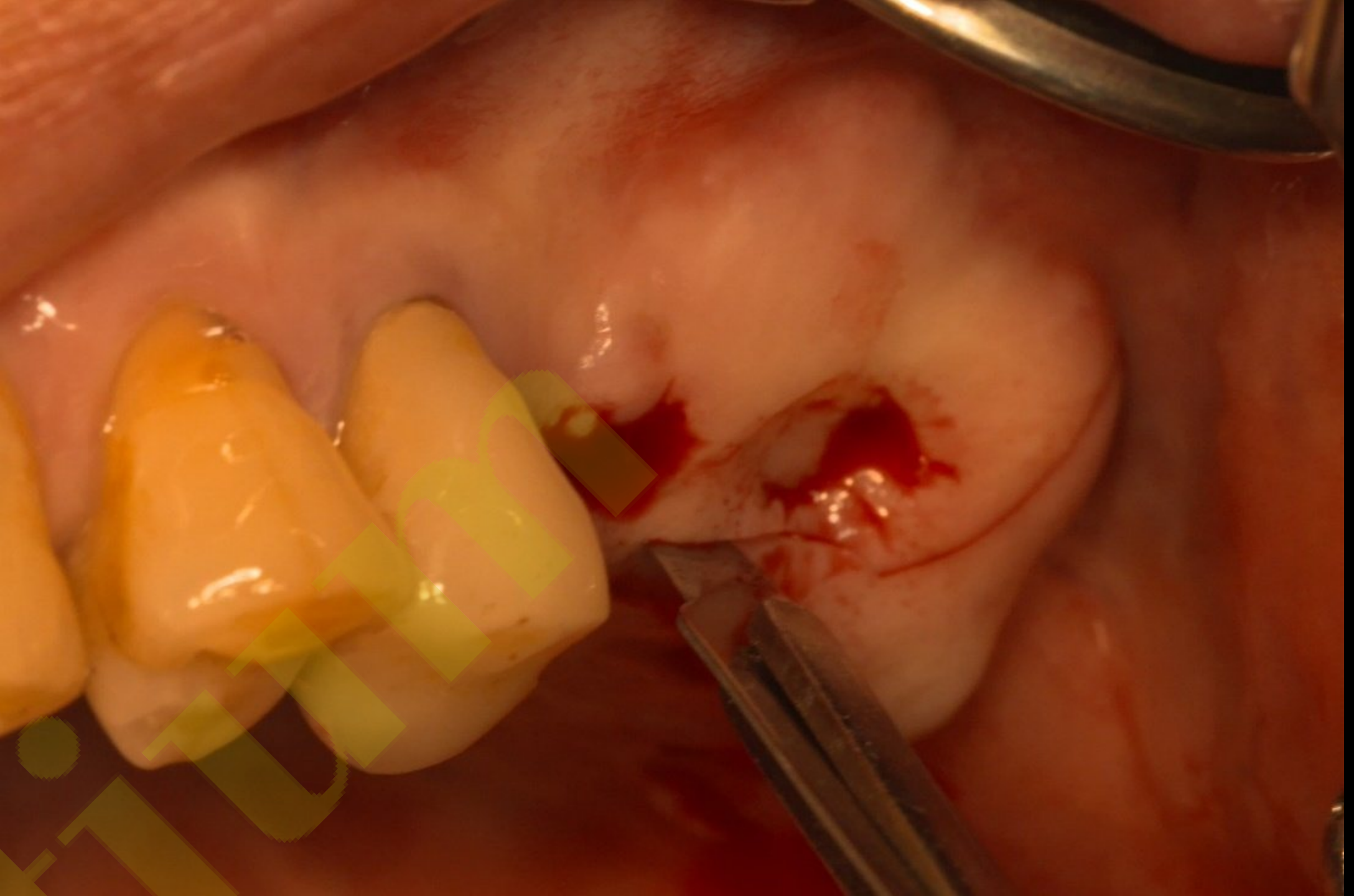
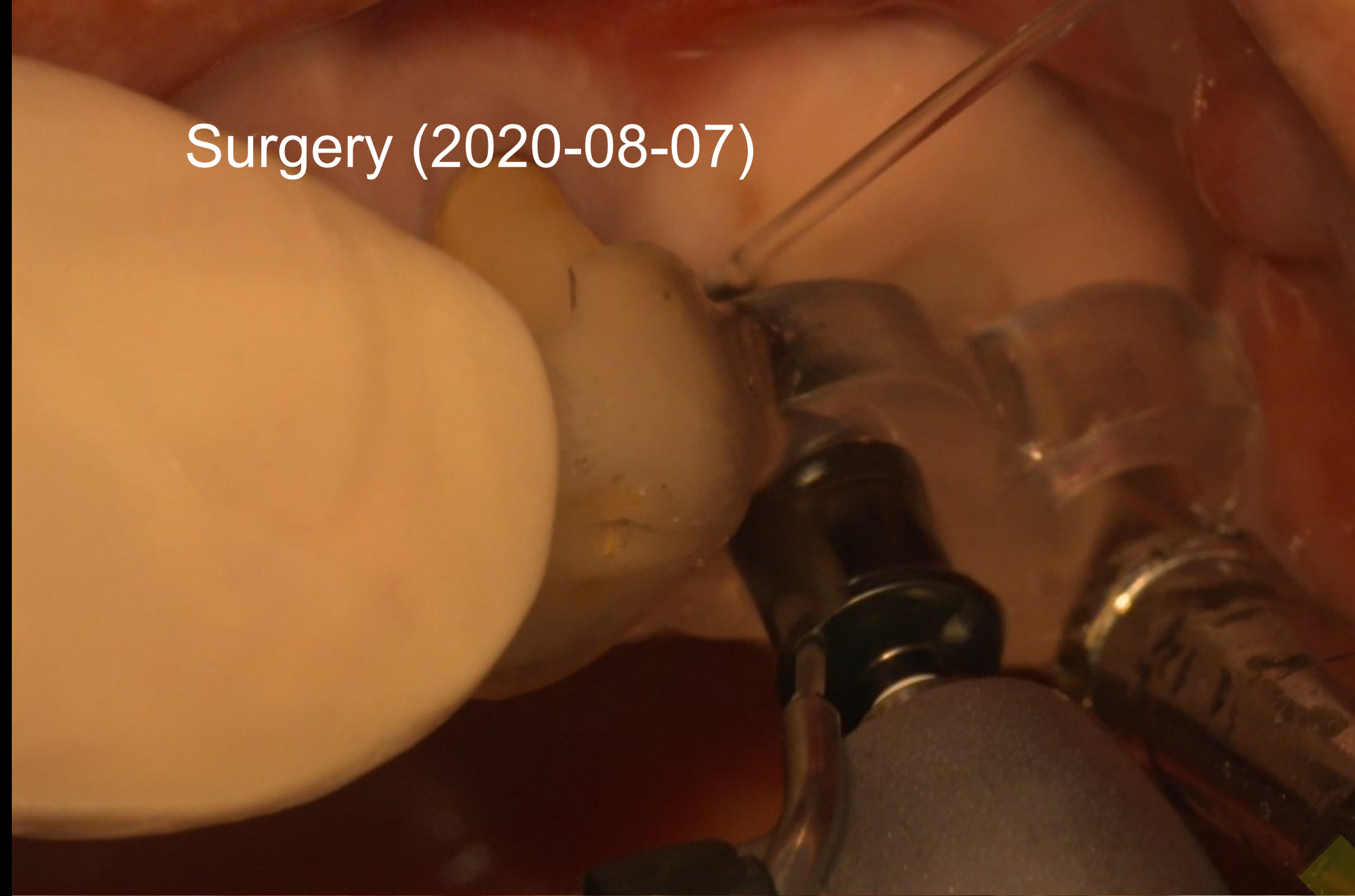
Stent



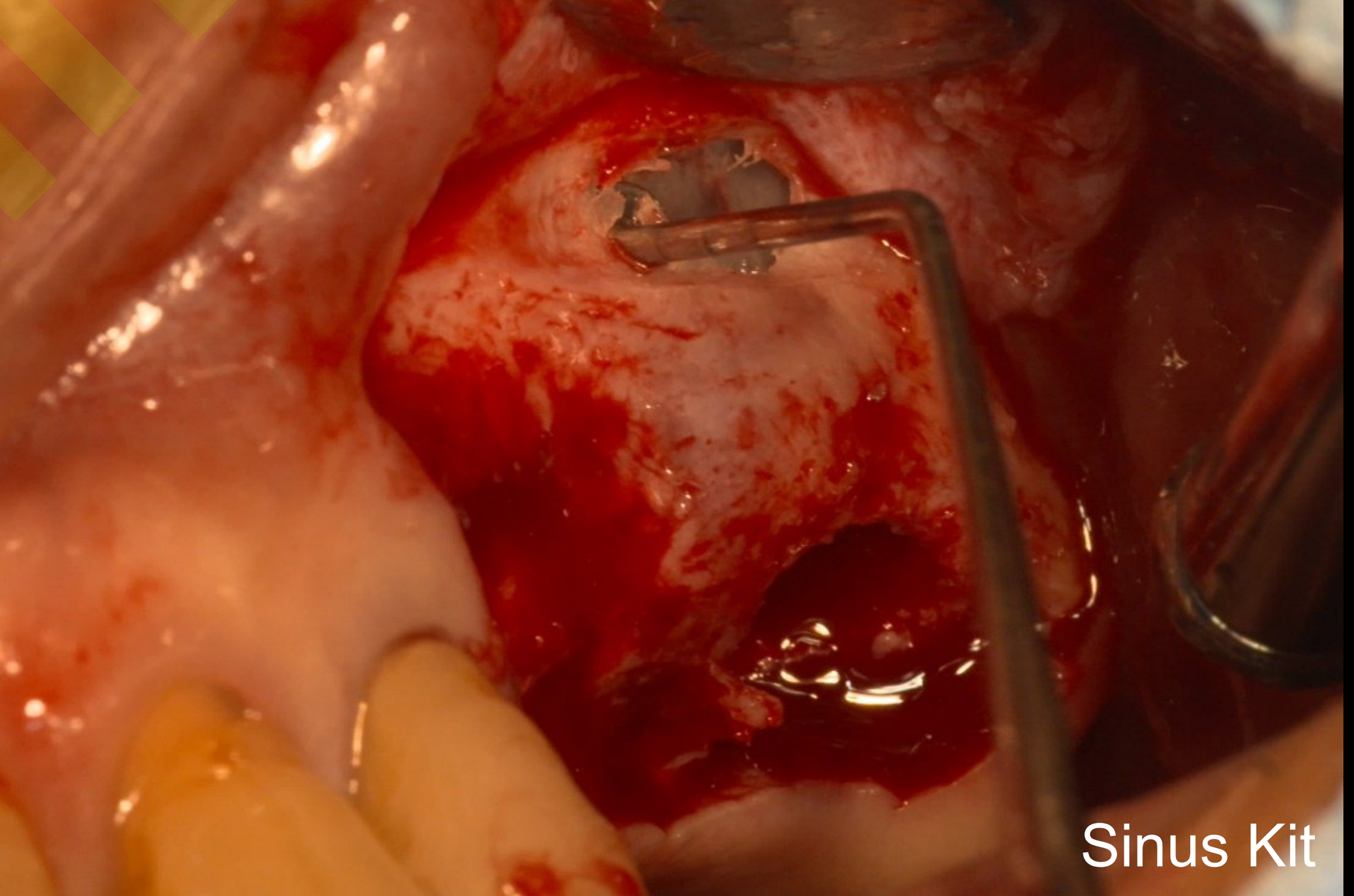
Stent adaptation (2020-08-07)



Surgery (2020-08-07)



Lateral drill



Sinus Kit

Surgery (2020-08-07)

Sinus membrane perforation

Collagen graft 2

OSTEON™ 3 Collagen

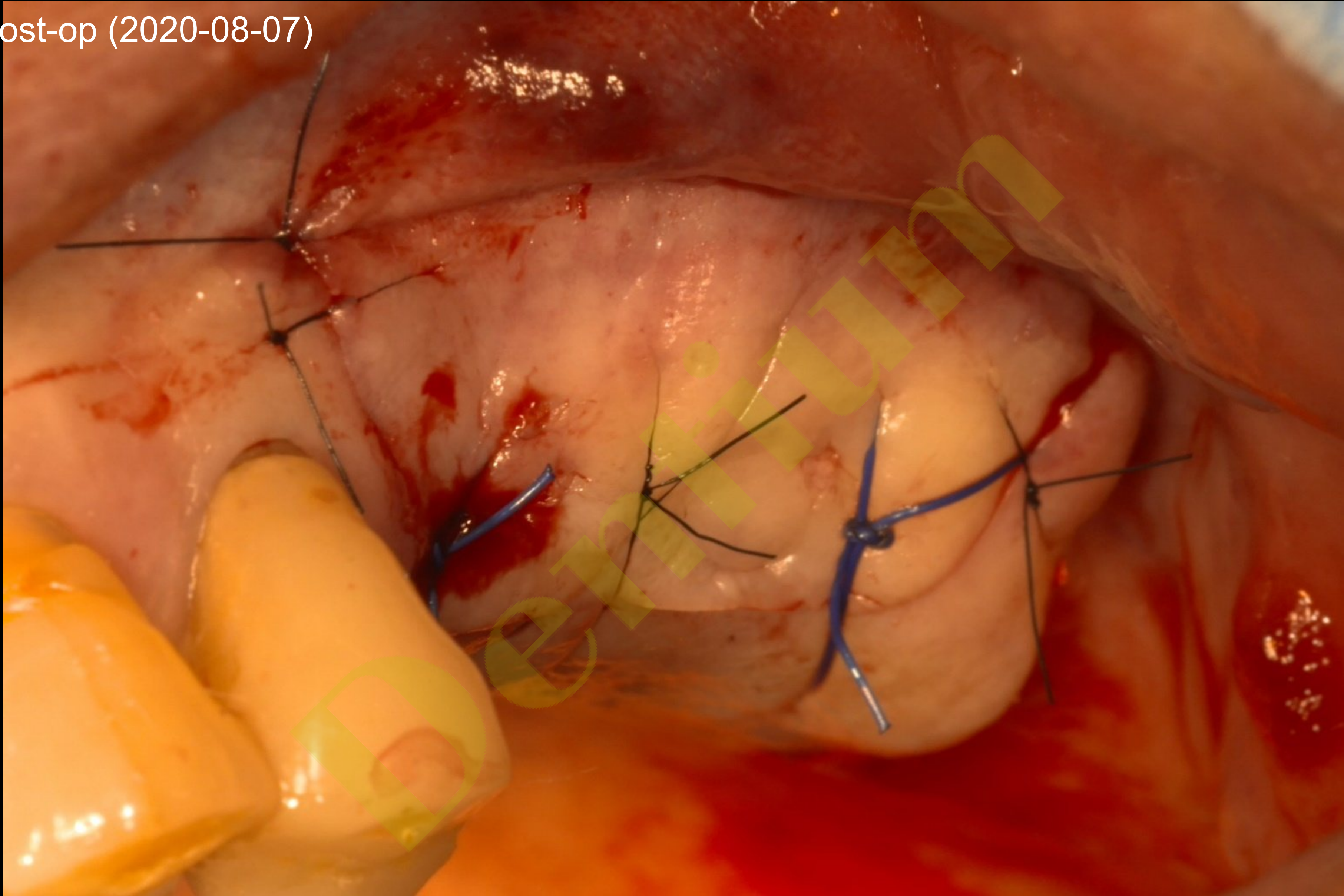
Surgery (2020-08-07)

BFX 5007

BFX 5007

OSTEON™ 3 Collagen

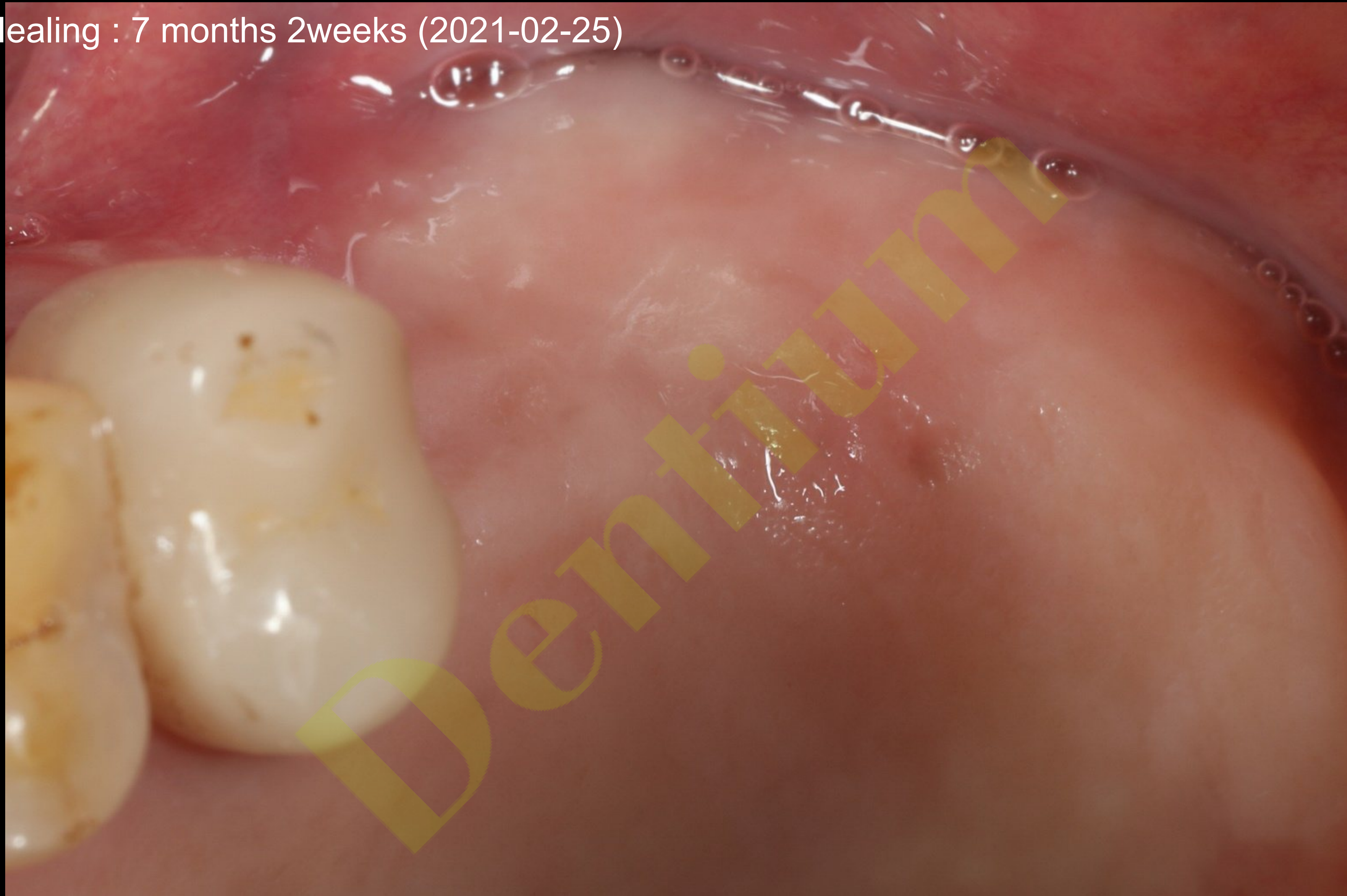
Post-op (2020-08-07)



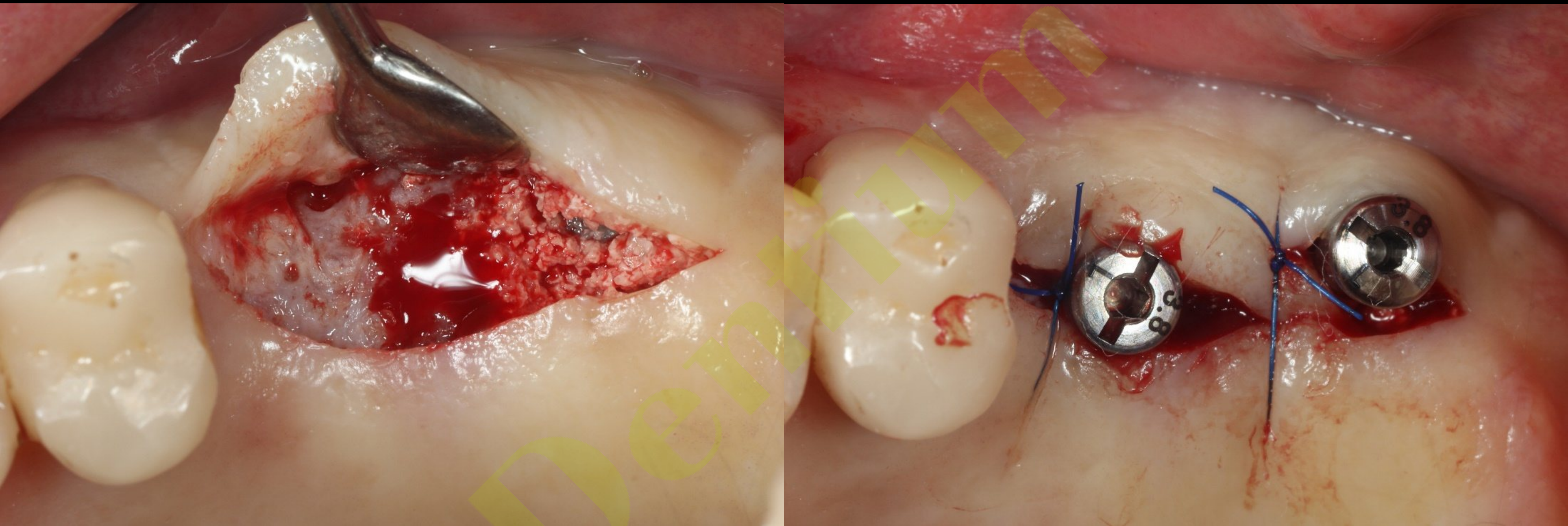
Healing : 1 month (2020-09-02)



Healing : 7 months 2weeks (2021-02-25)



2nd Surgery (2021-02-25)



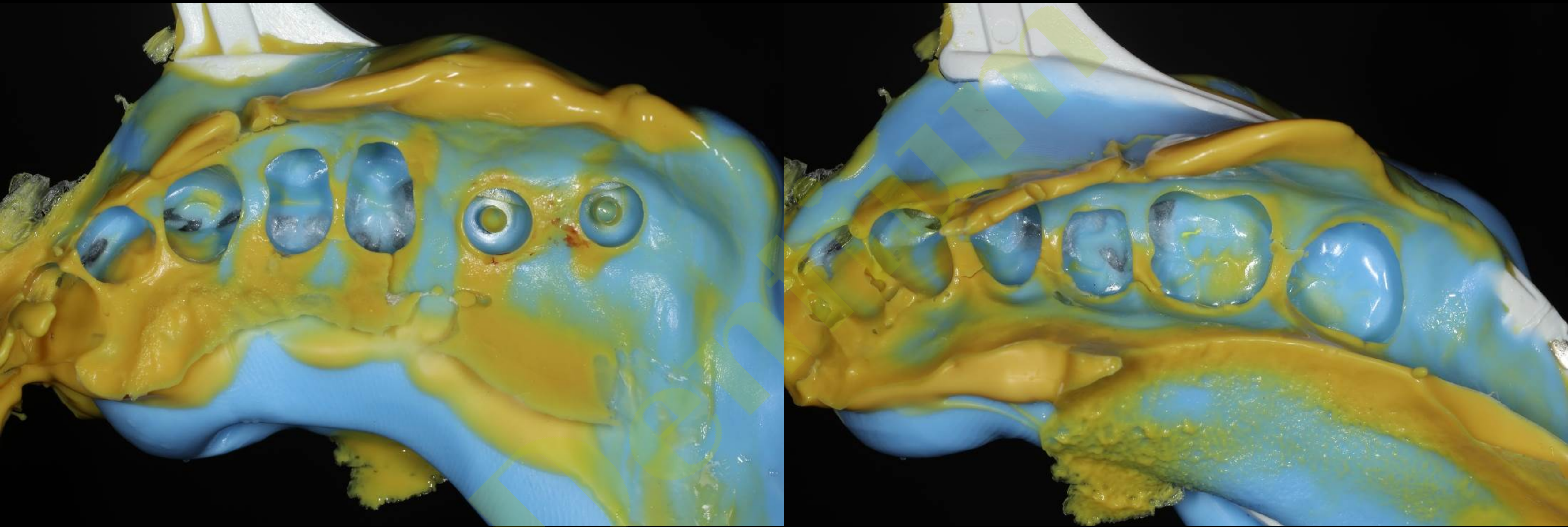
Healing : 1 week (after 2nd Surgery)



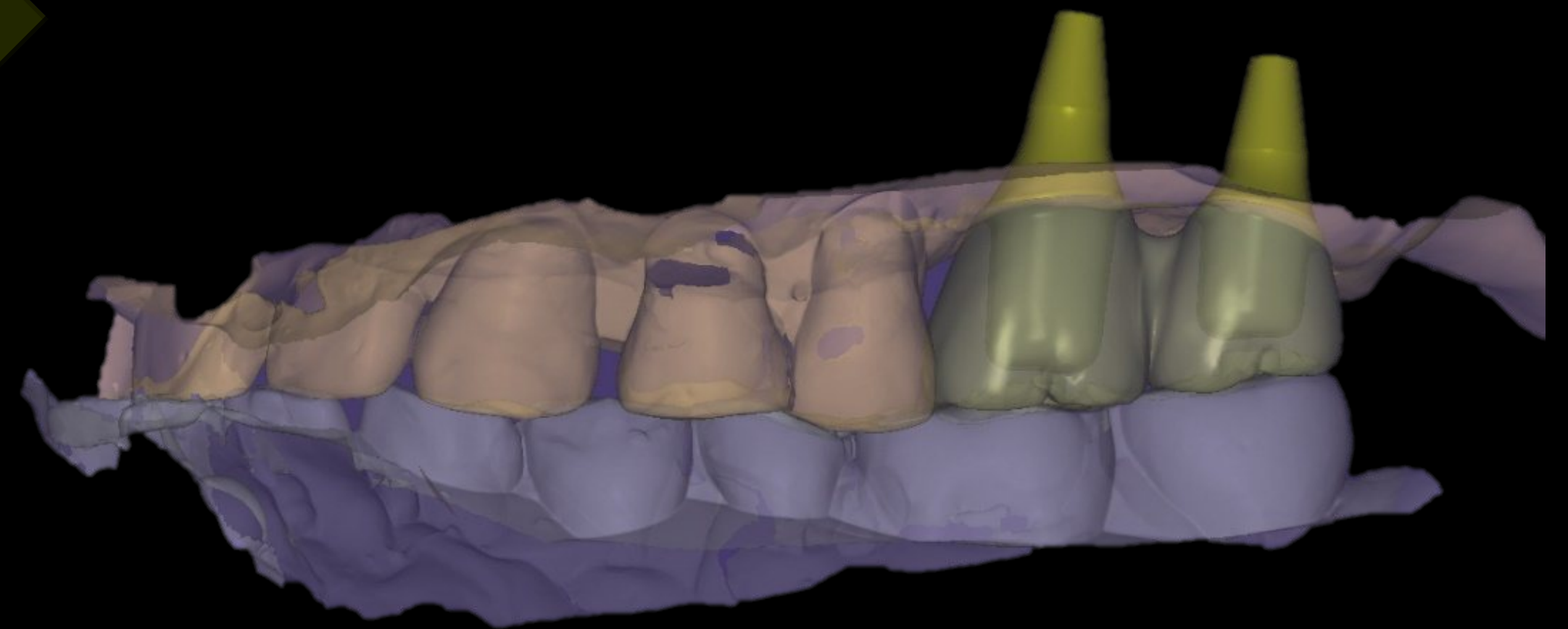
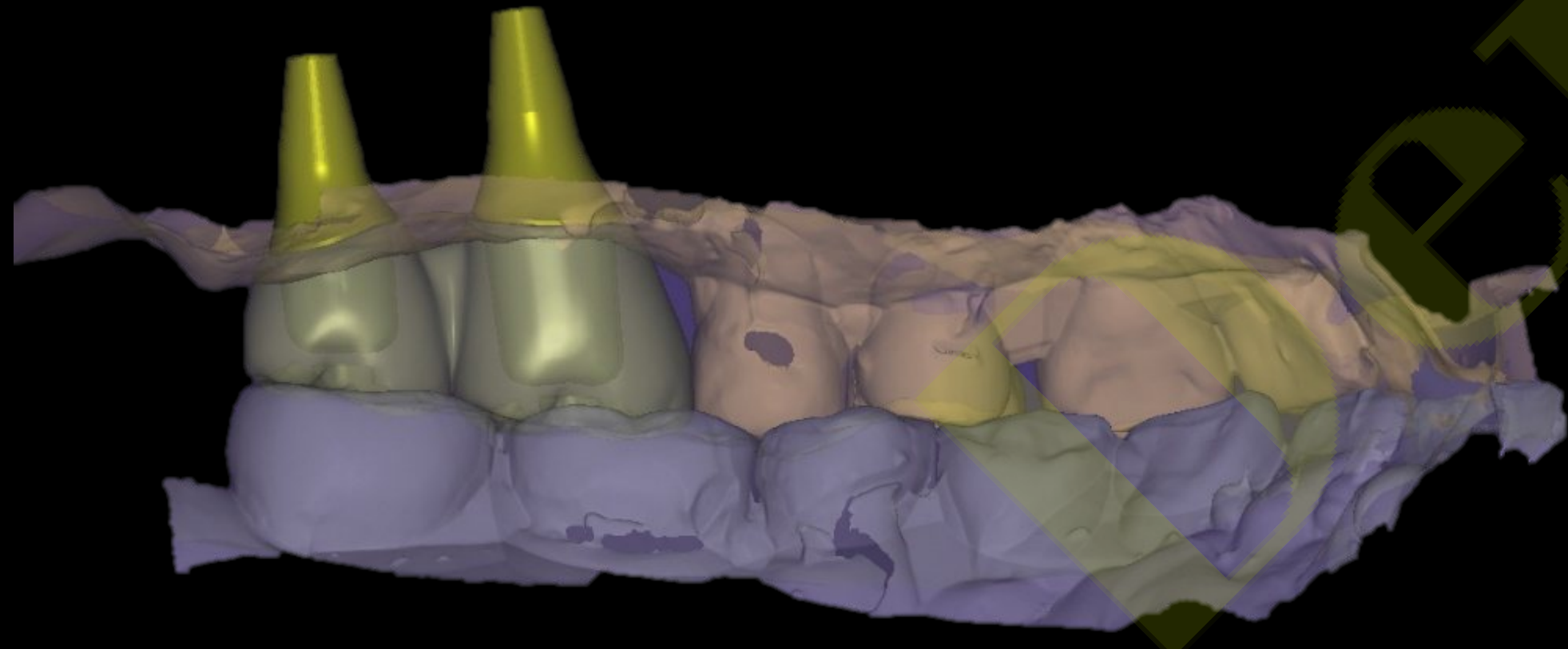
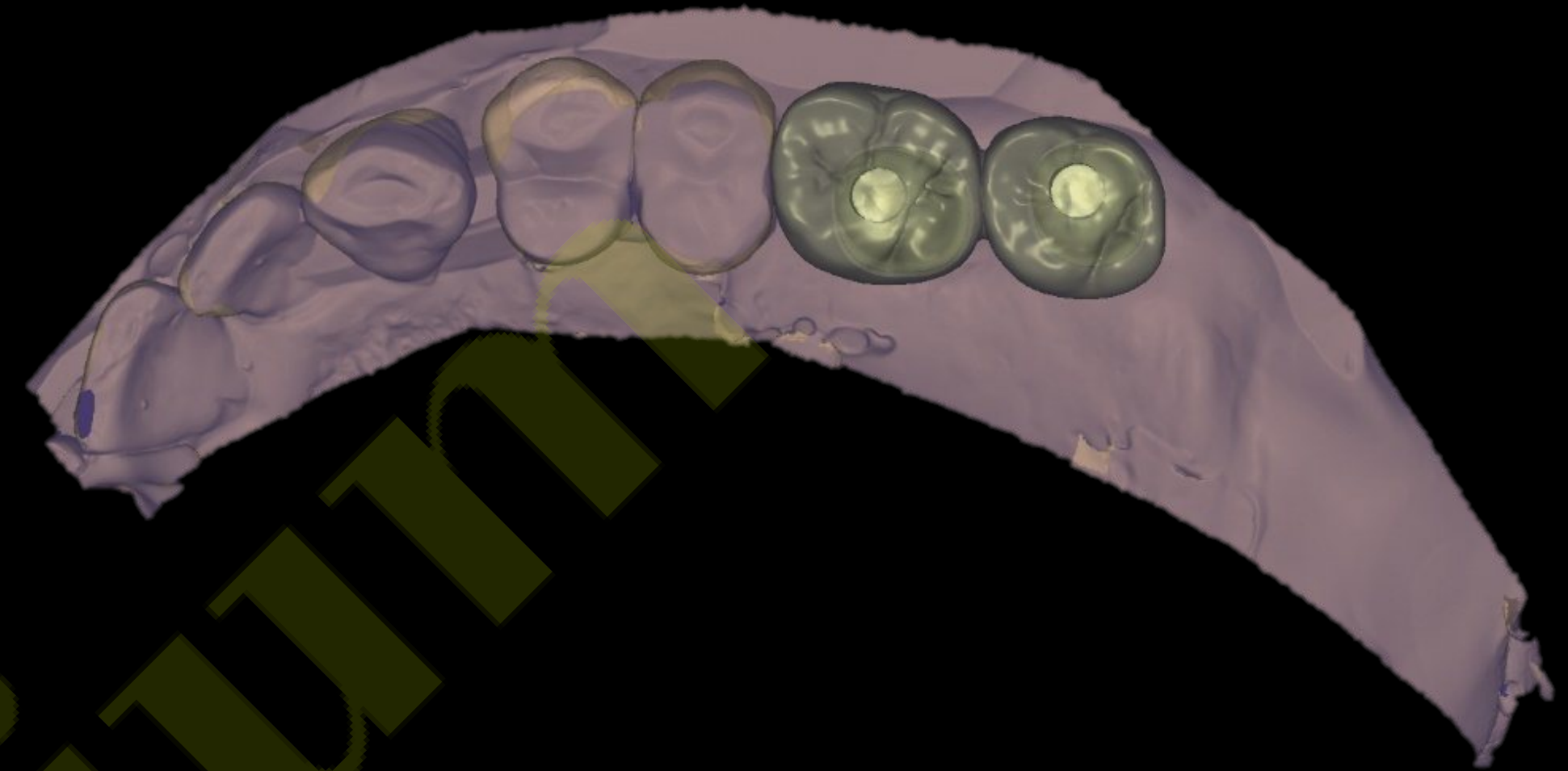
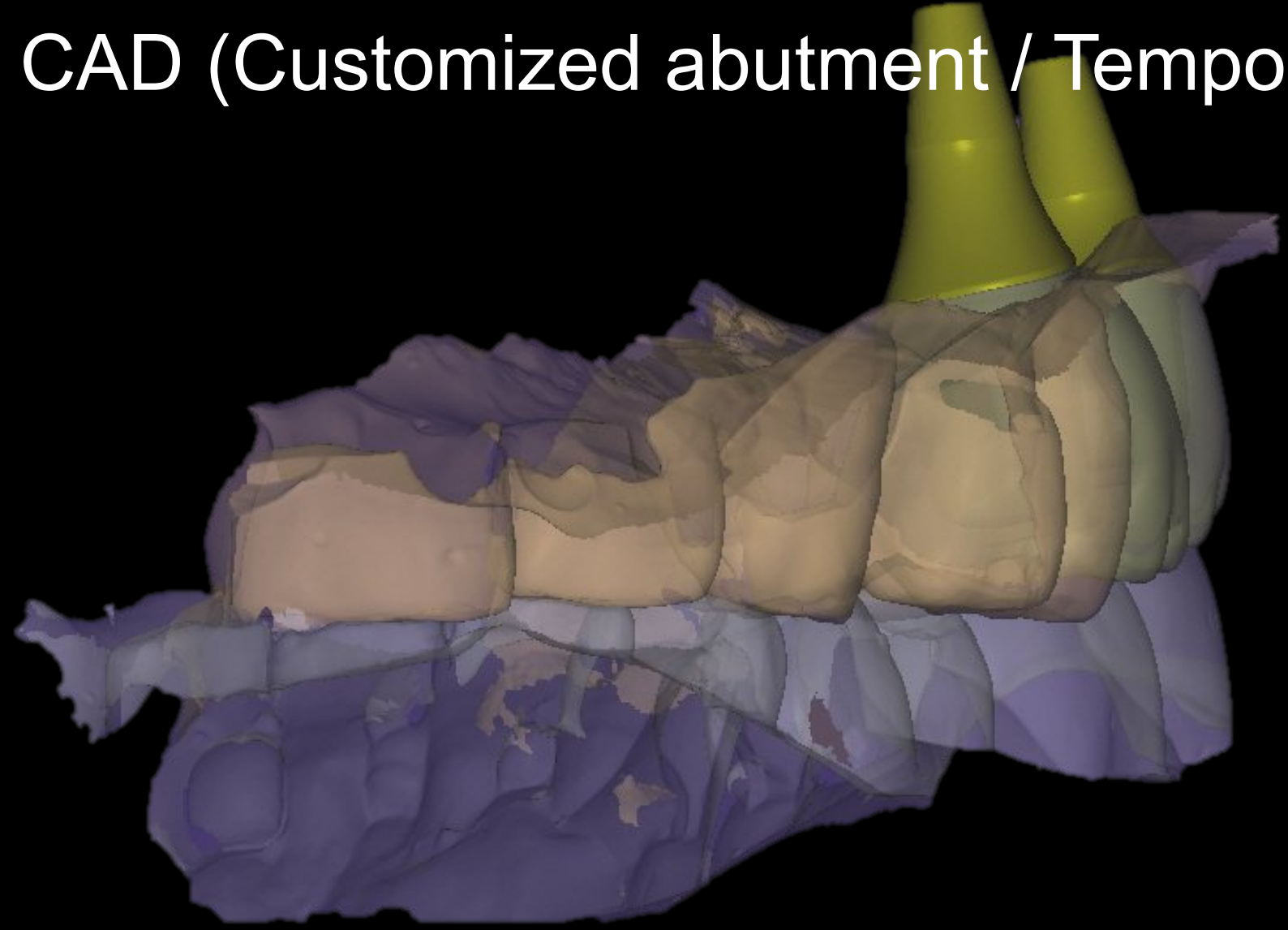
Healing : 1 month (After 2nd Surgery)



Impression



CAD (Customized abutment / Temporary)



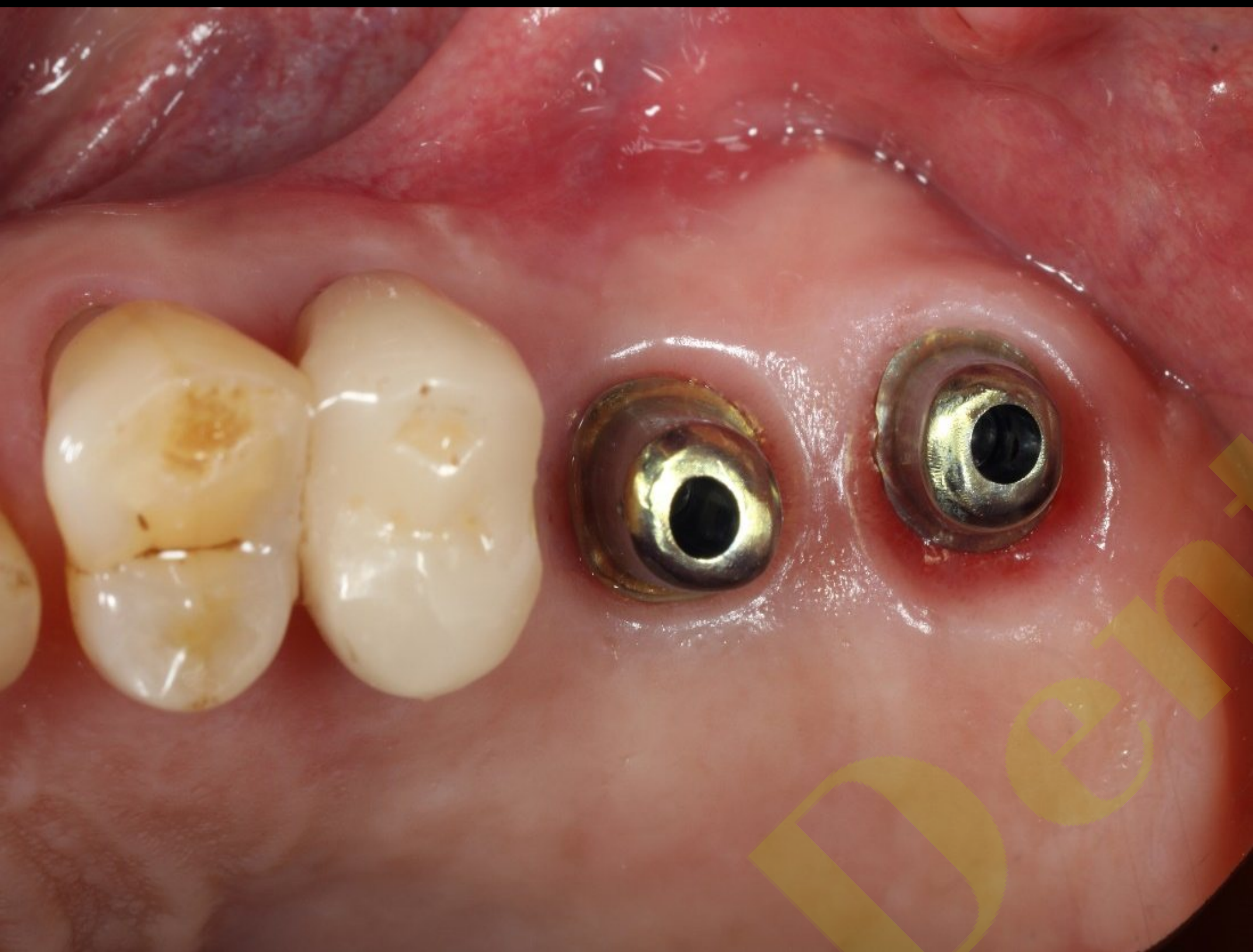
Customized abutment / Temporary



Provisional restoration (2021-03-29)



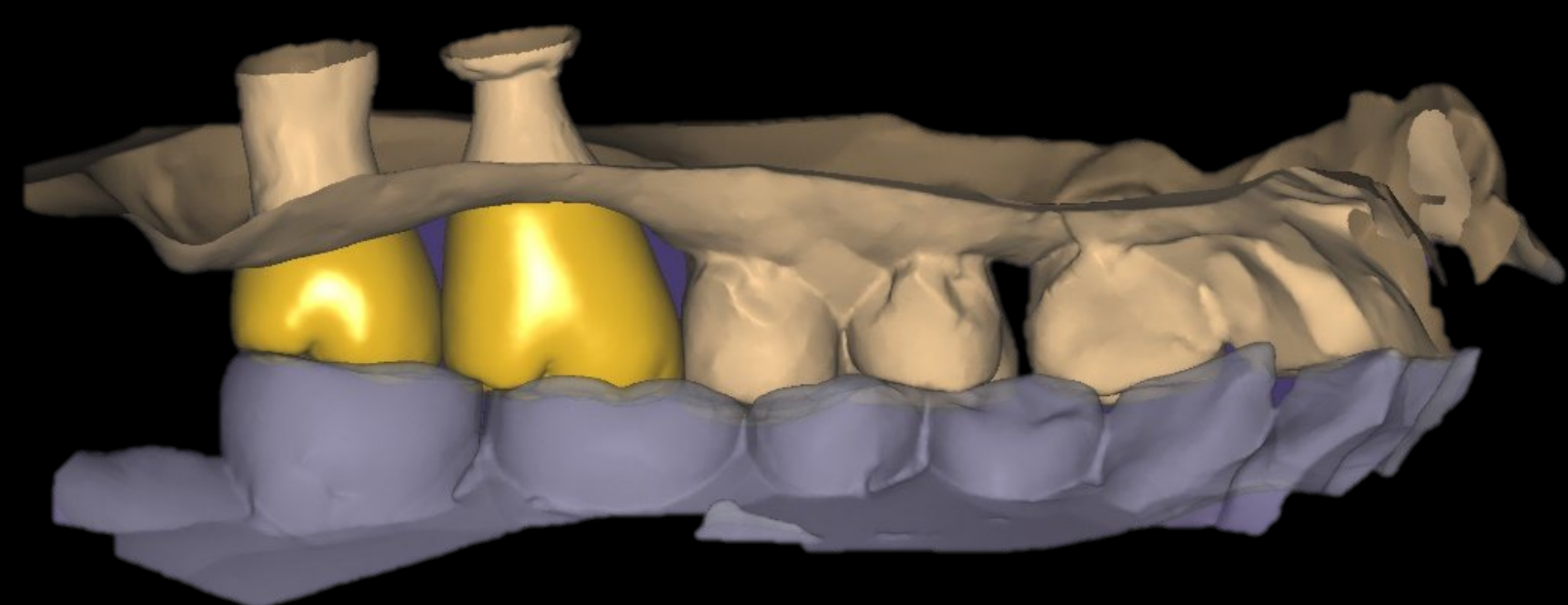
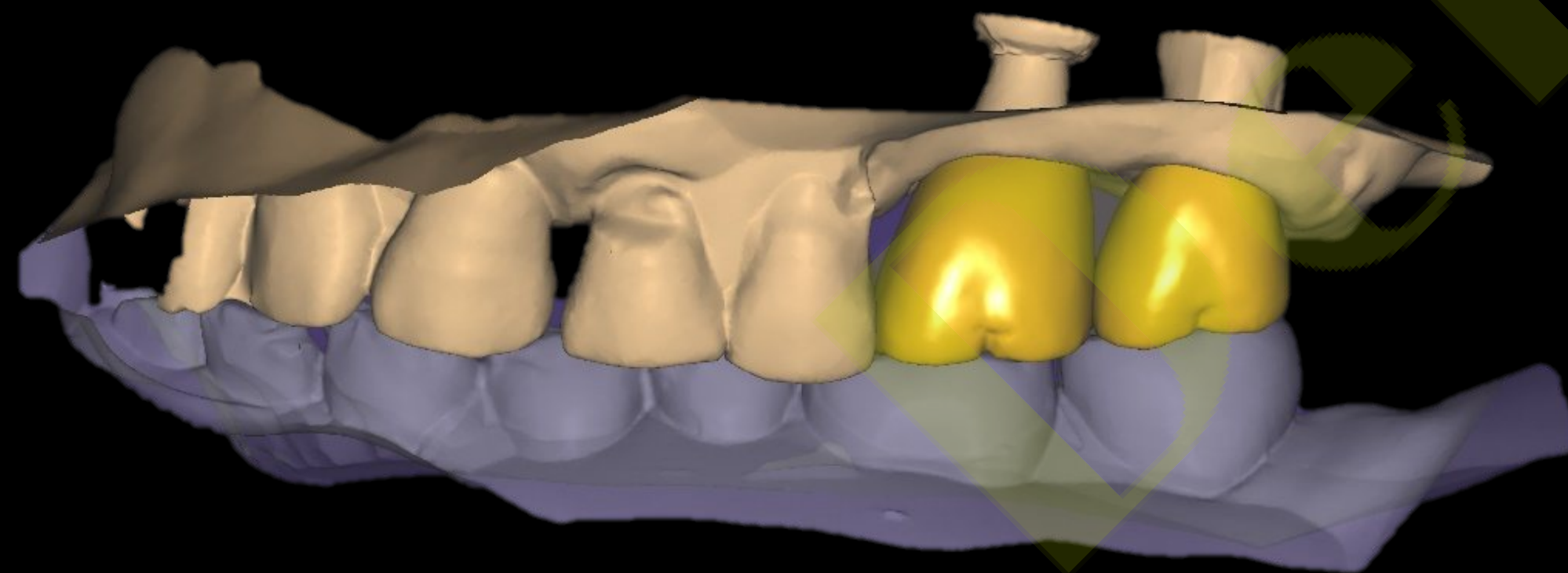
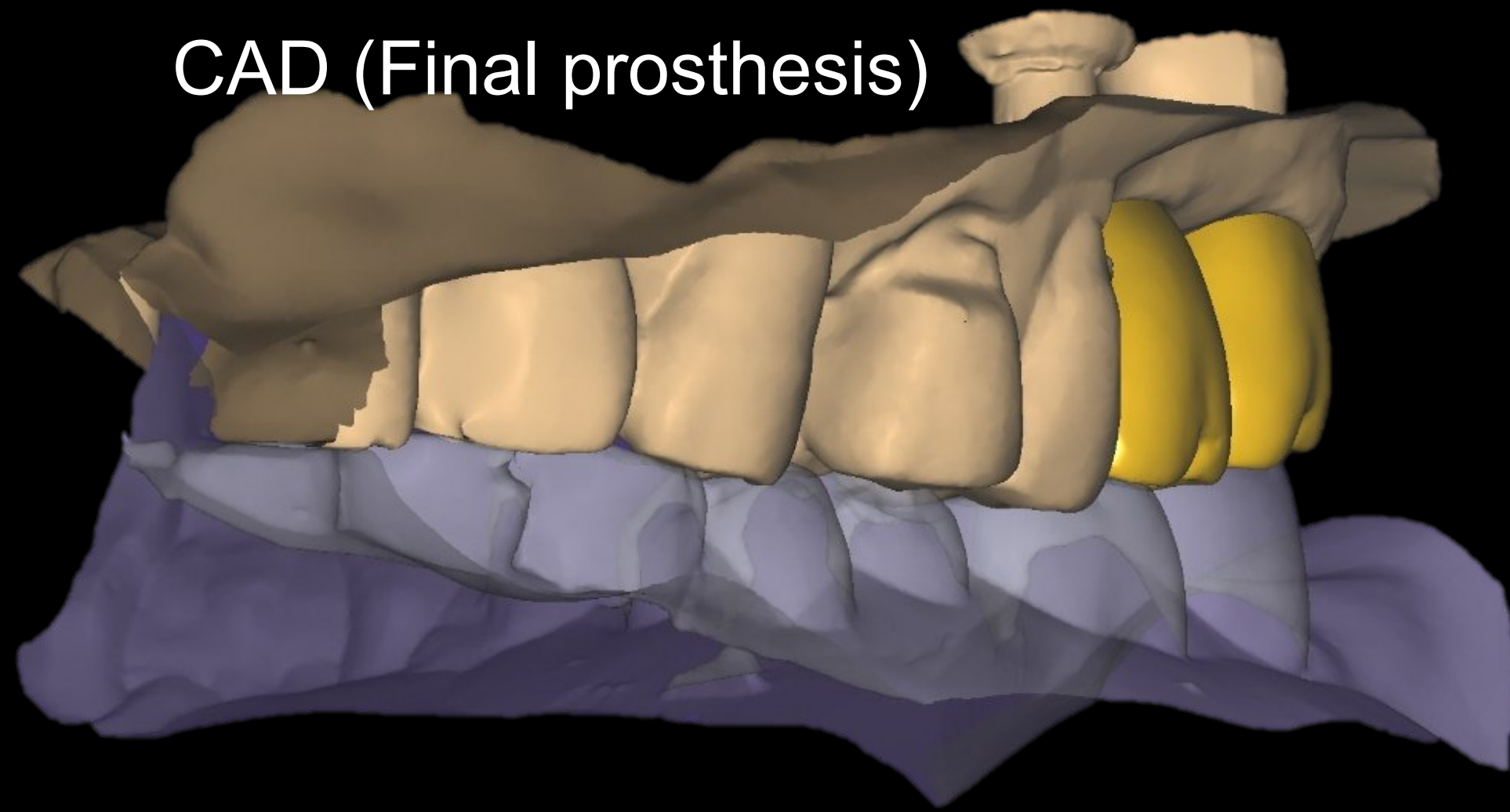
Impression (2021-06-10)



Impression



CAD (Final prosthesis)



Milling / Brushing



Sintering / Finishing



Final prosthesis (2021-06-24)



HRF (2021-07-22)

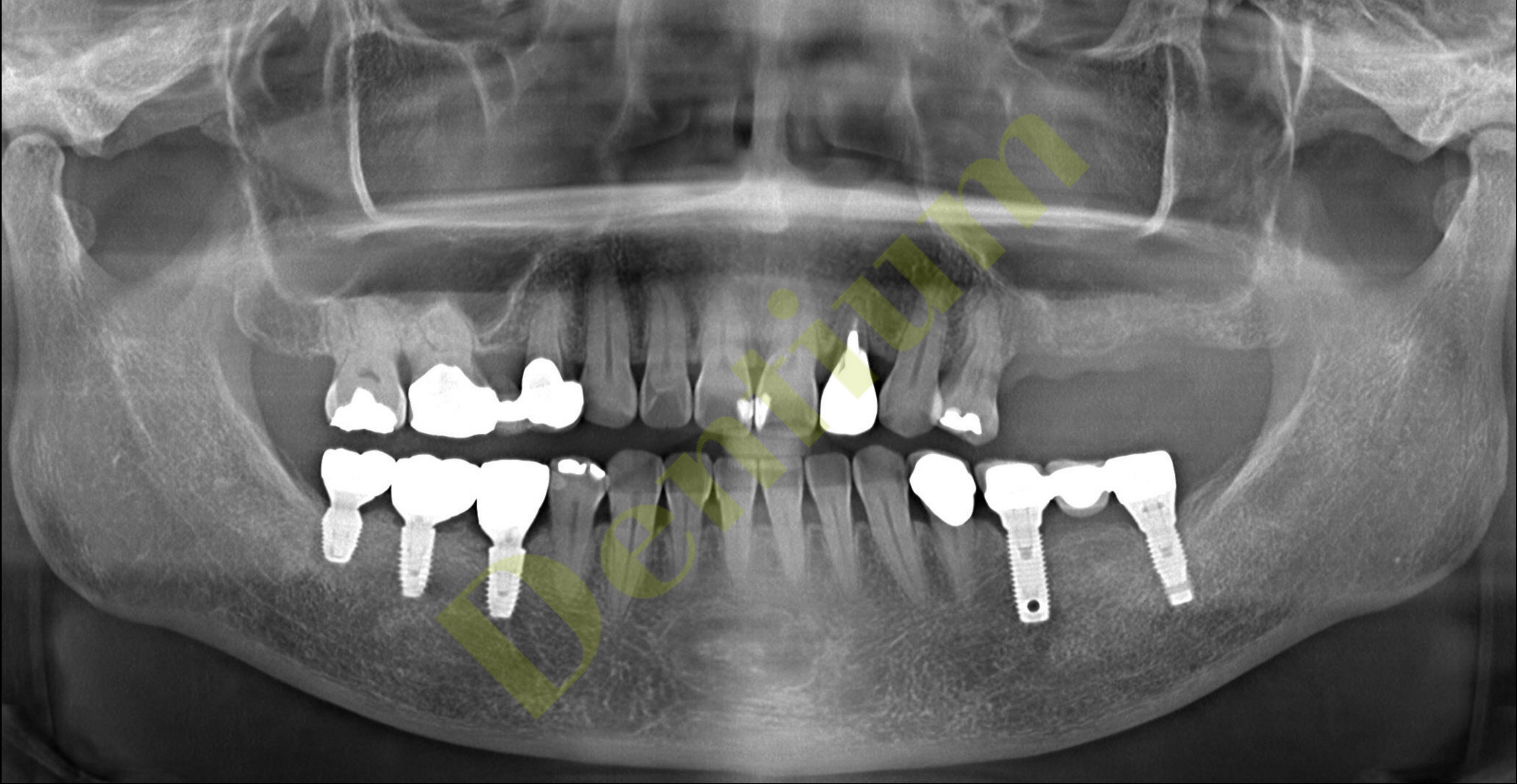


Overcoming Sinus perforation using Collagen Graft 2

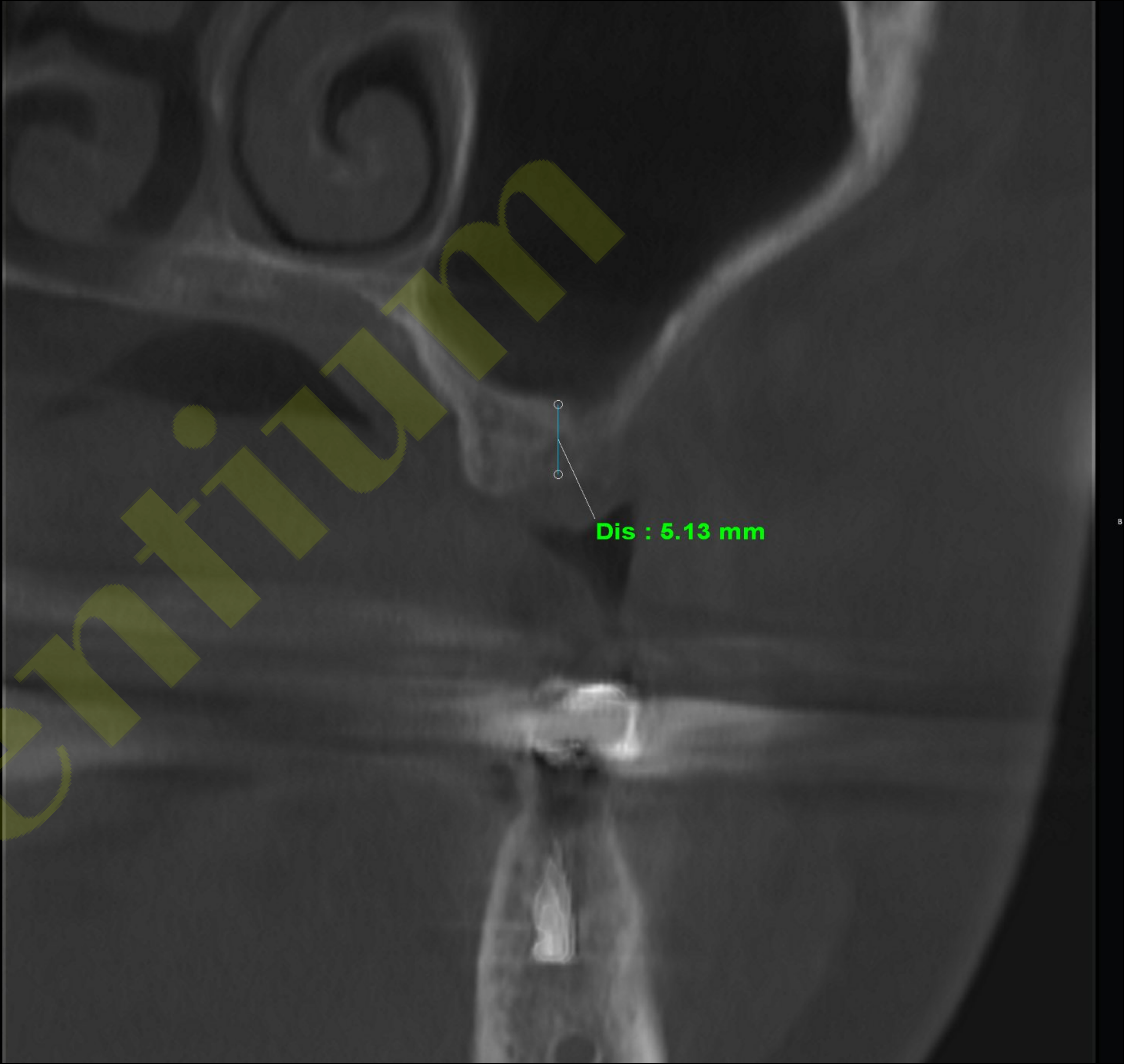
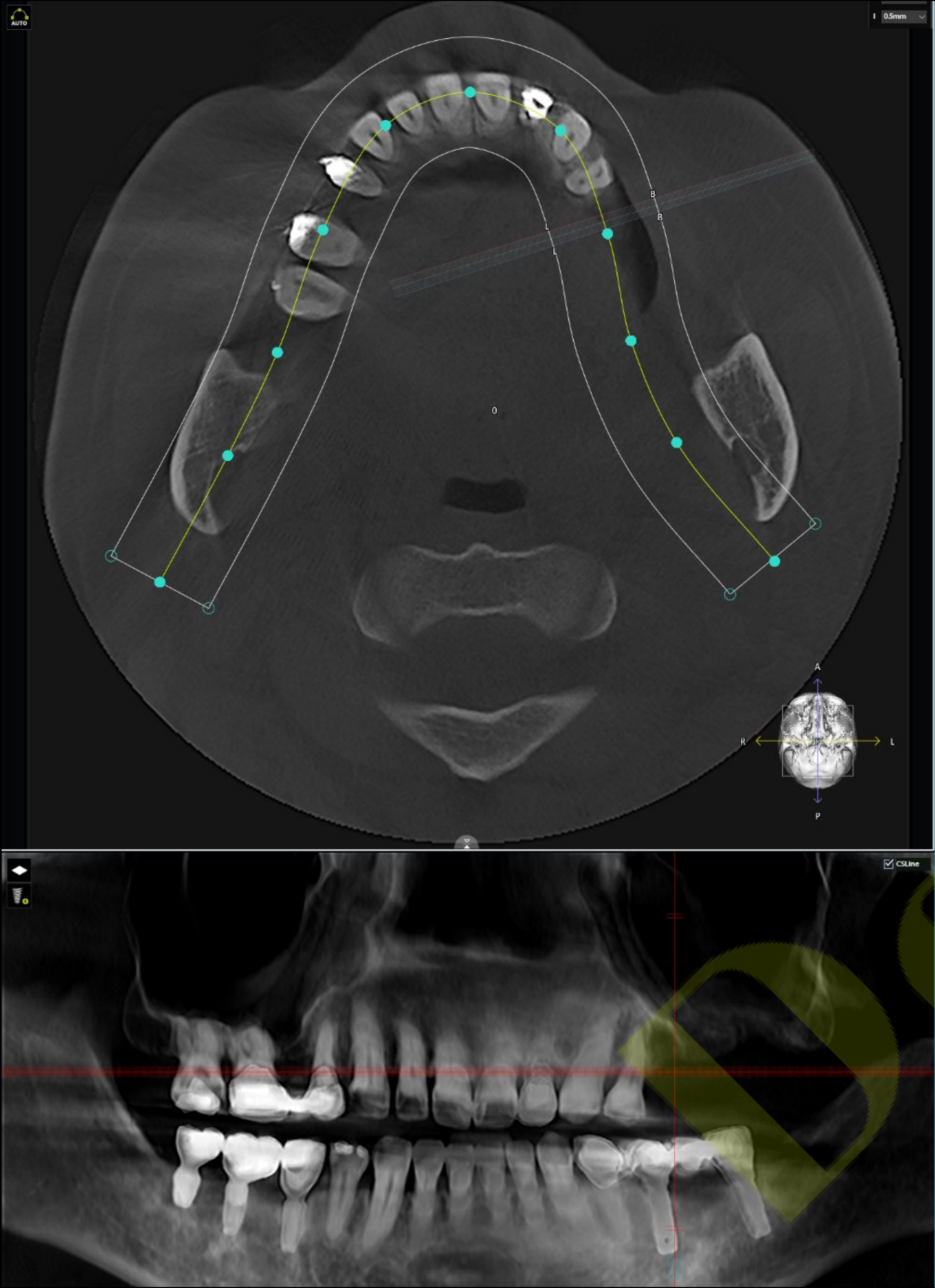
(NR Line, OSTEON™ 3 Collagen, Collagen Graft 2,
Sinus Kit, GBR Pin, Digital Guide(F,Milling))

Pt. 1963 / F

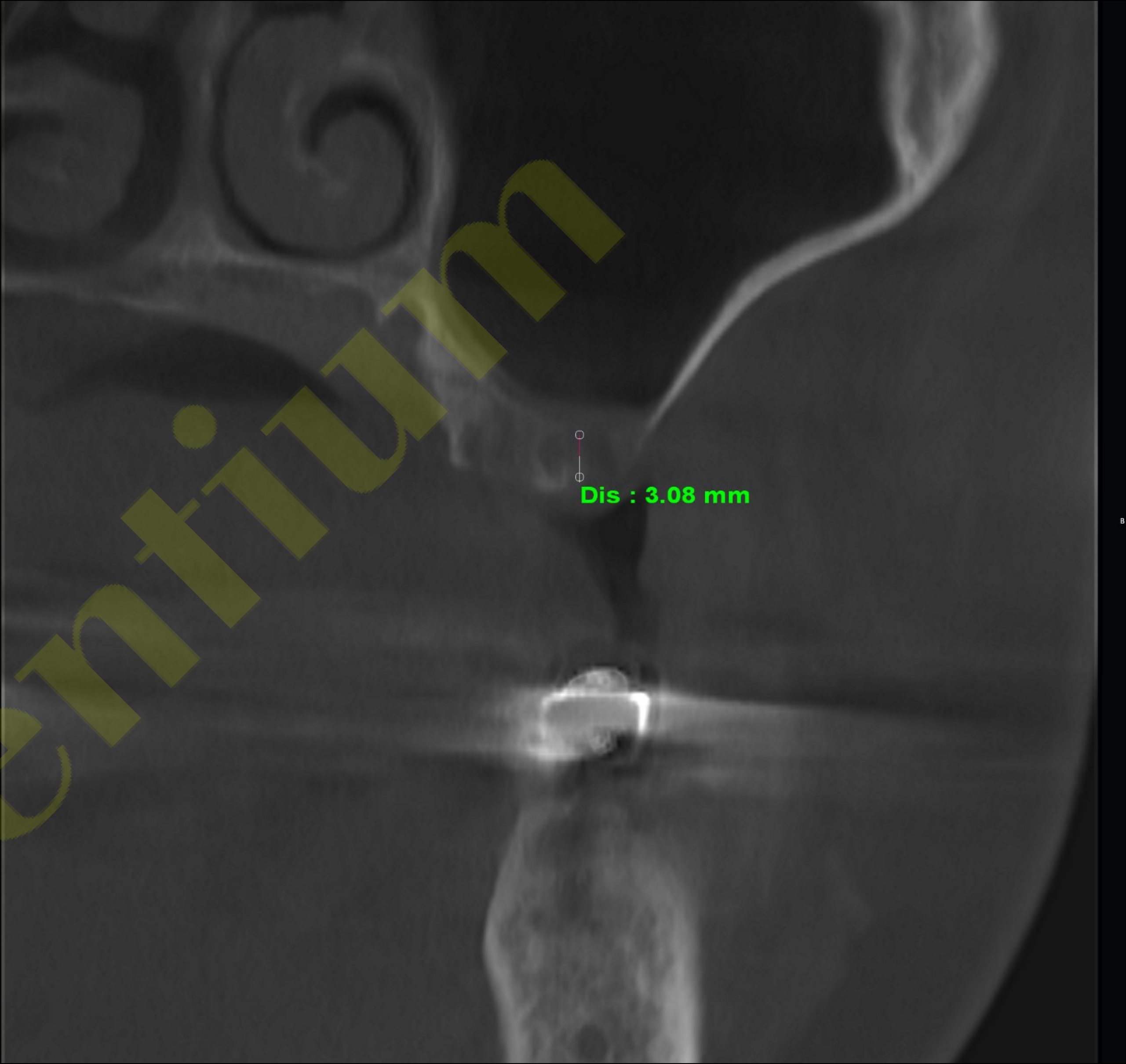
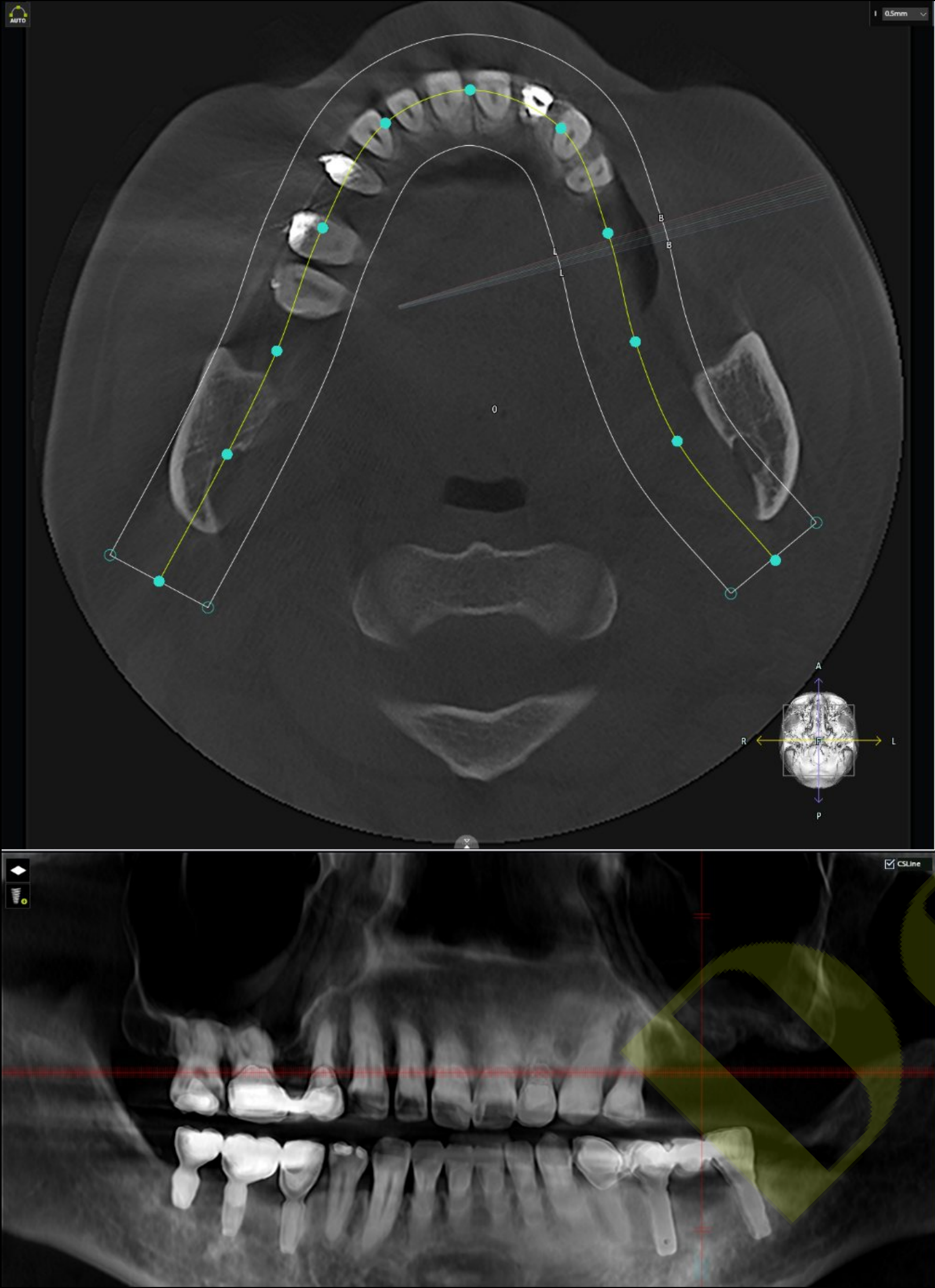
Pre-op (2019-12-19)



#25 Pre-op CT (2019-12-19)



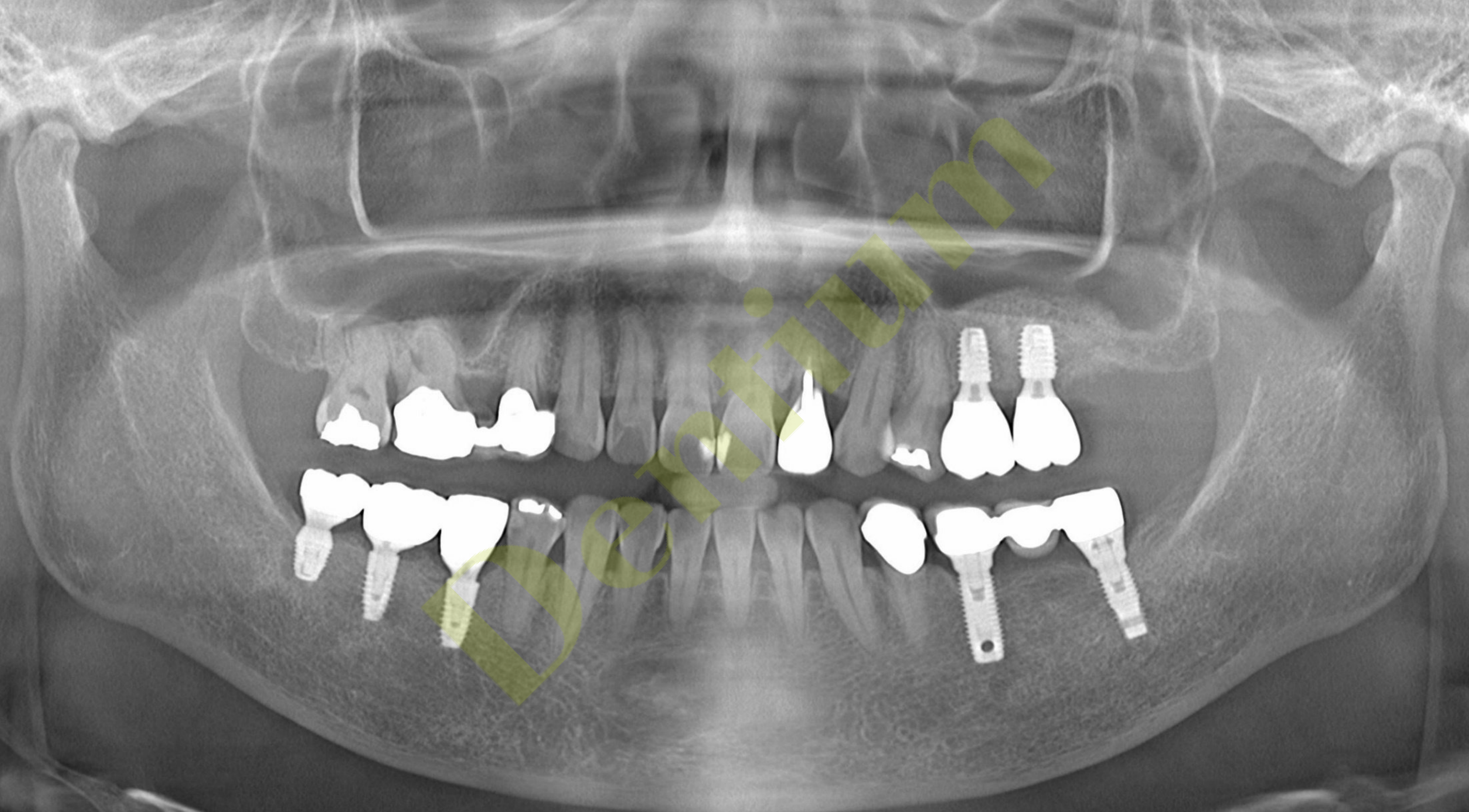
#26 Pre-op CT (2019-12-19)



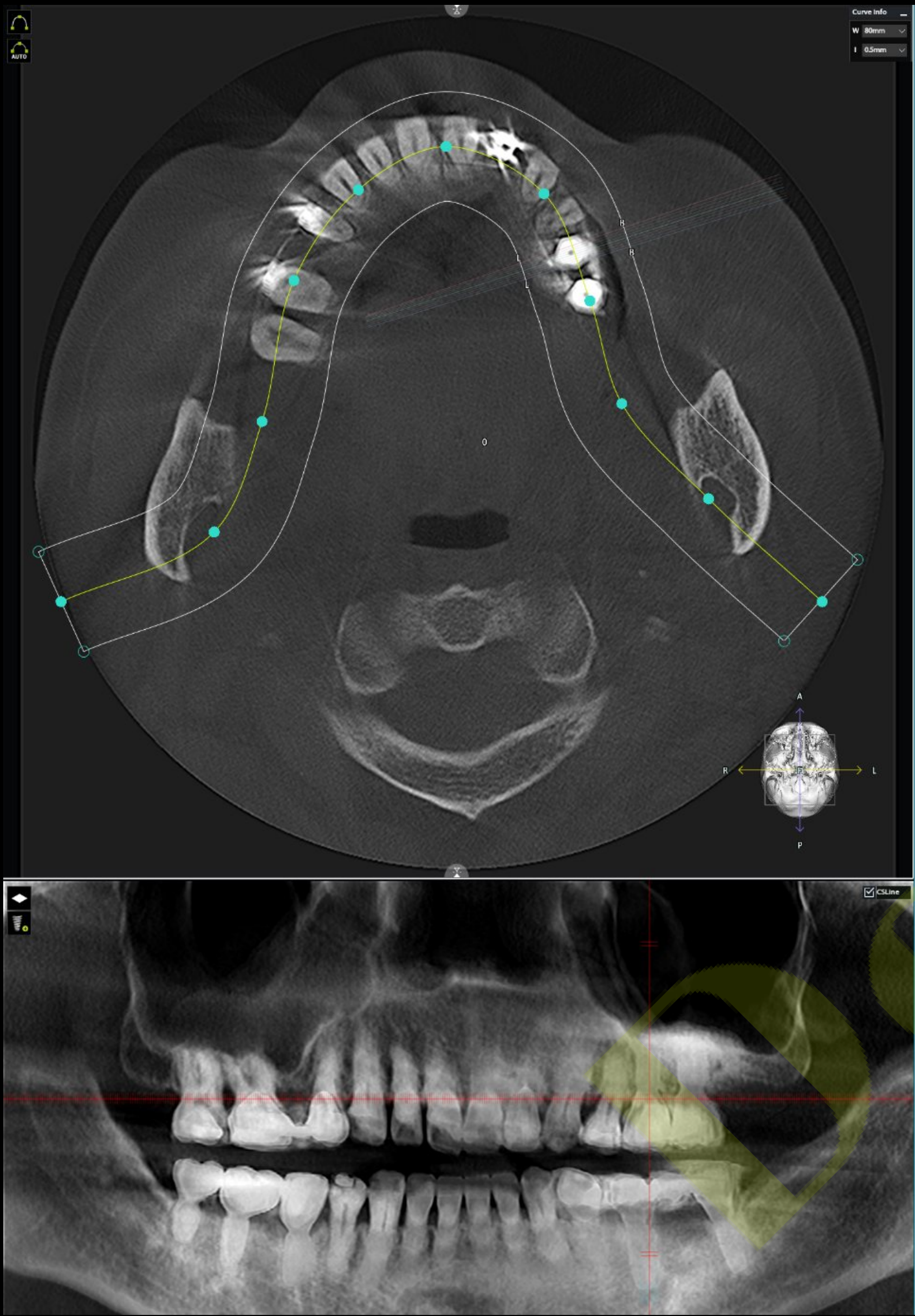
Post-op (2020-02-05)



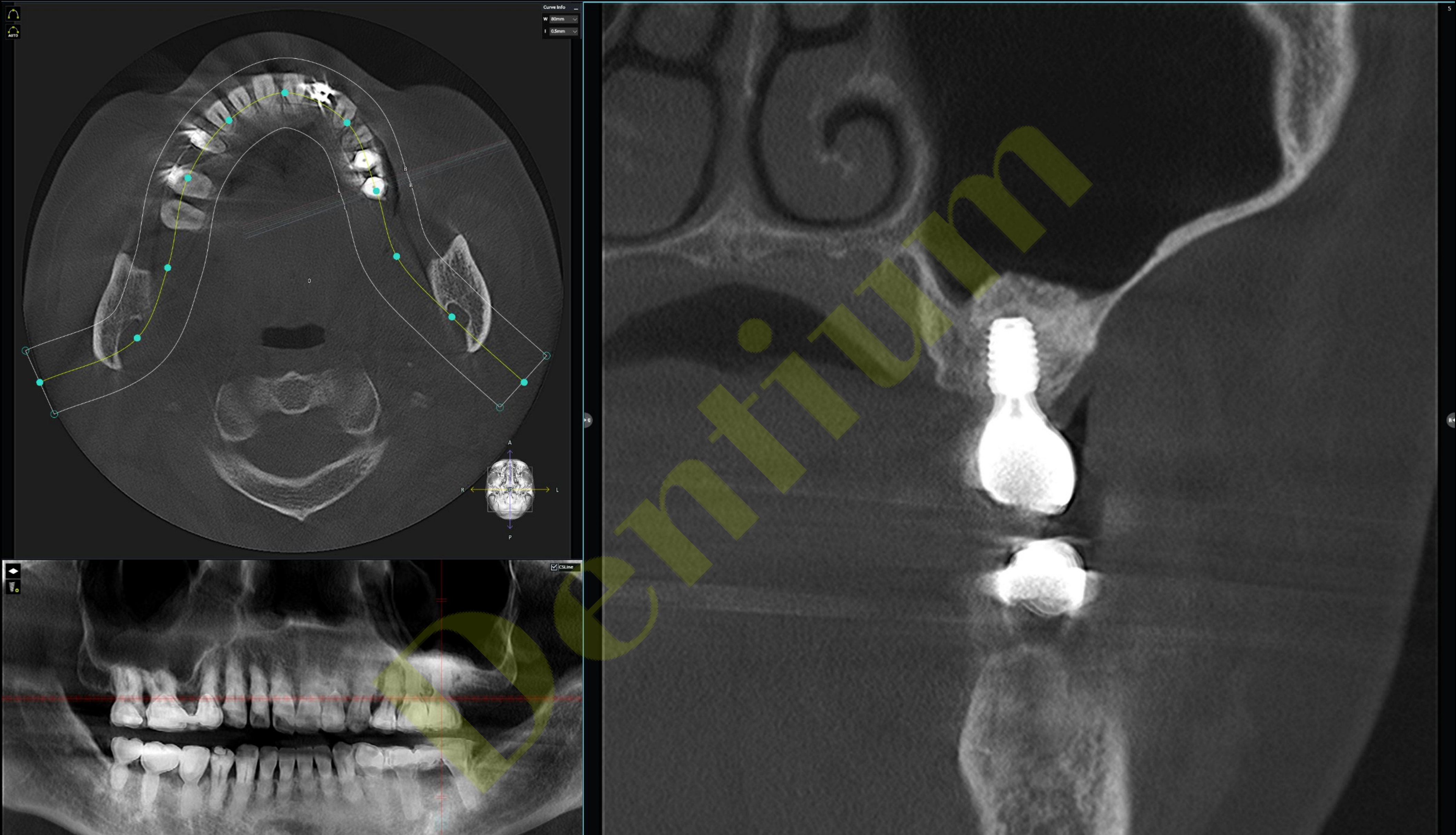
Final prosthesis (2020-08-12)



#25 Final prosthesis CT (2021-04-28)



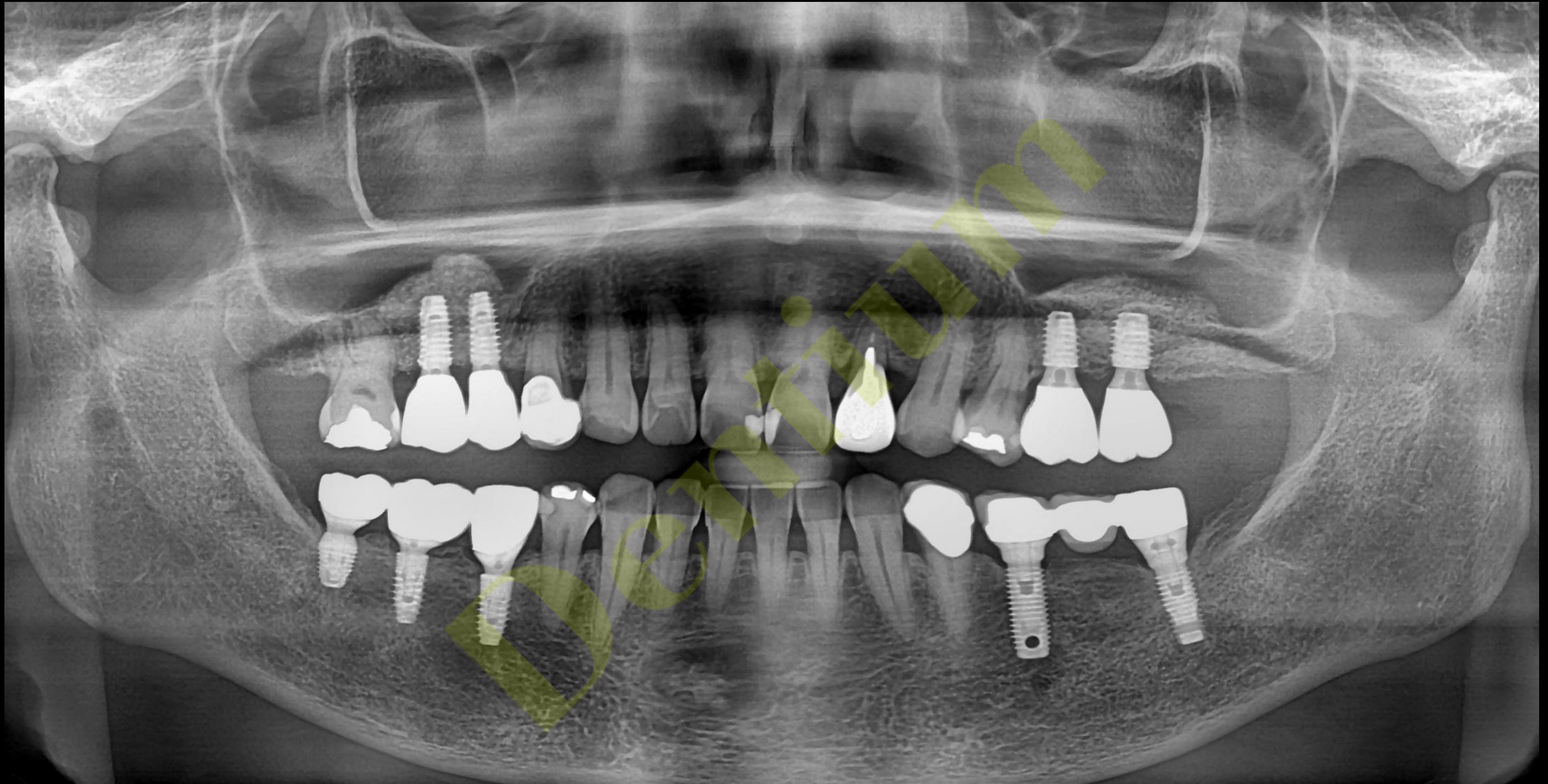
#26 Final prosthesis CT (2021-04-28)



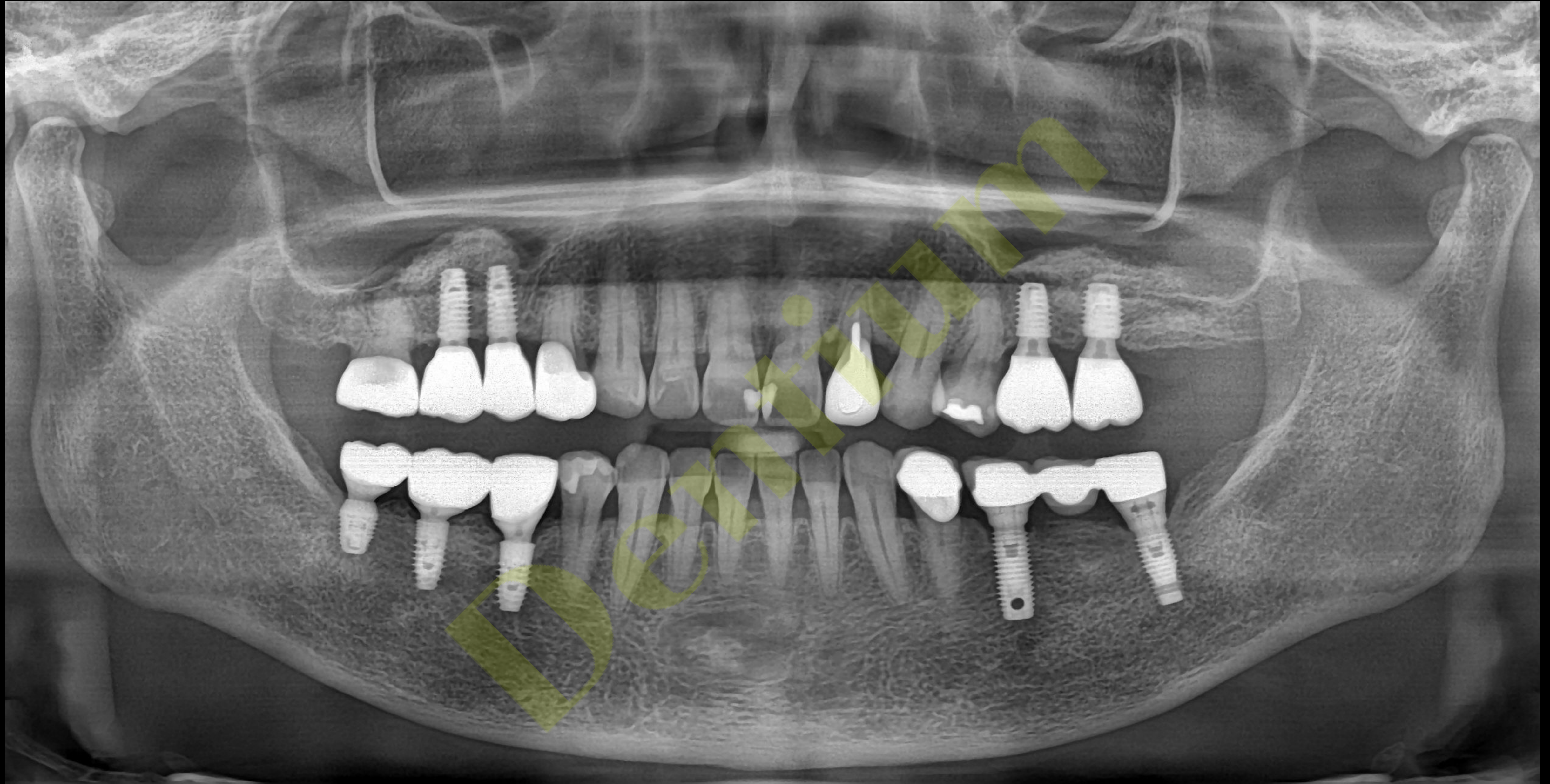
Follow up 1 year 1 month (2021-10-07)



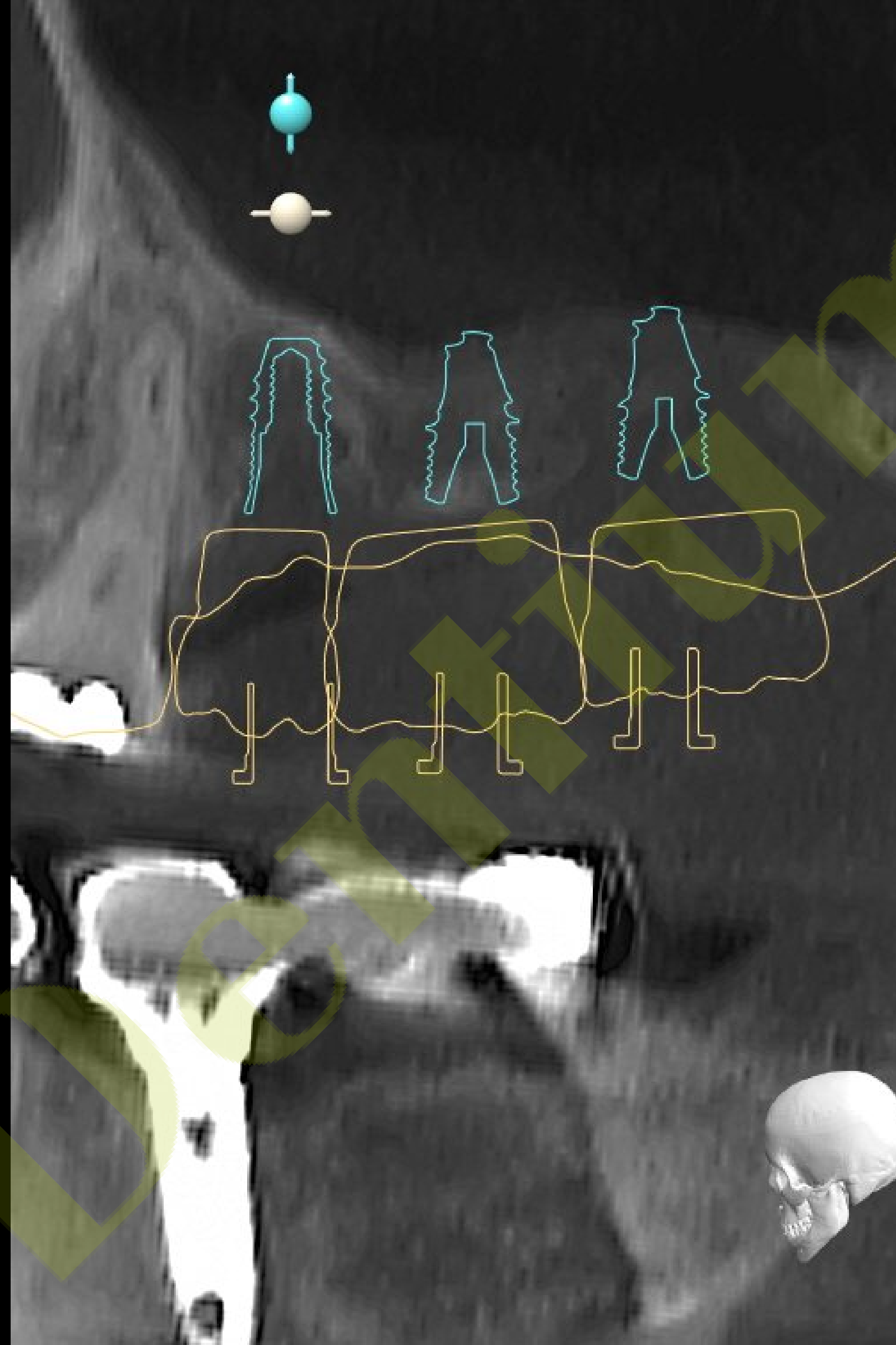
Follow up 1 year 9 month (2022-05-19)



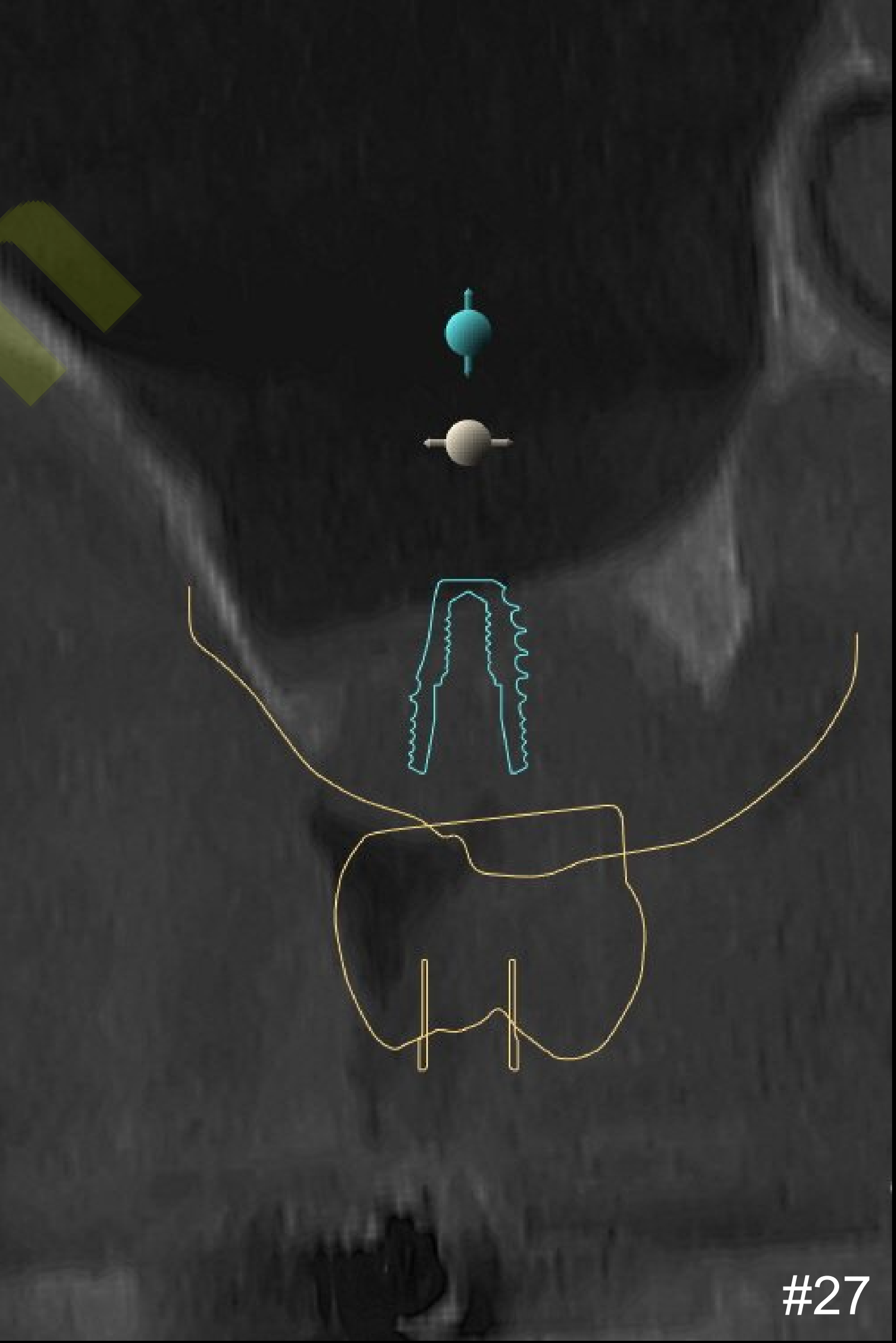
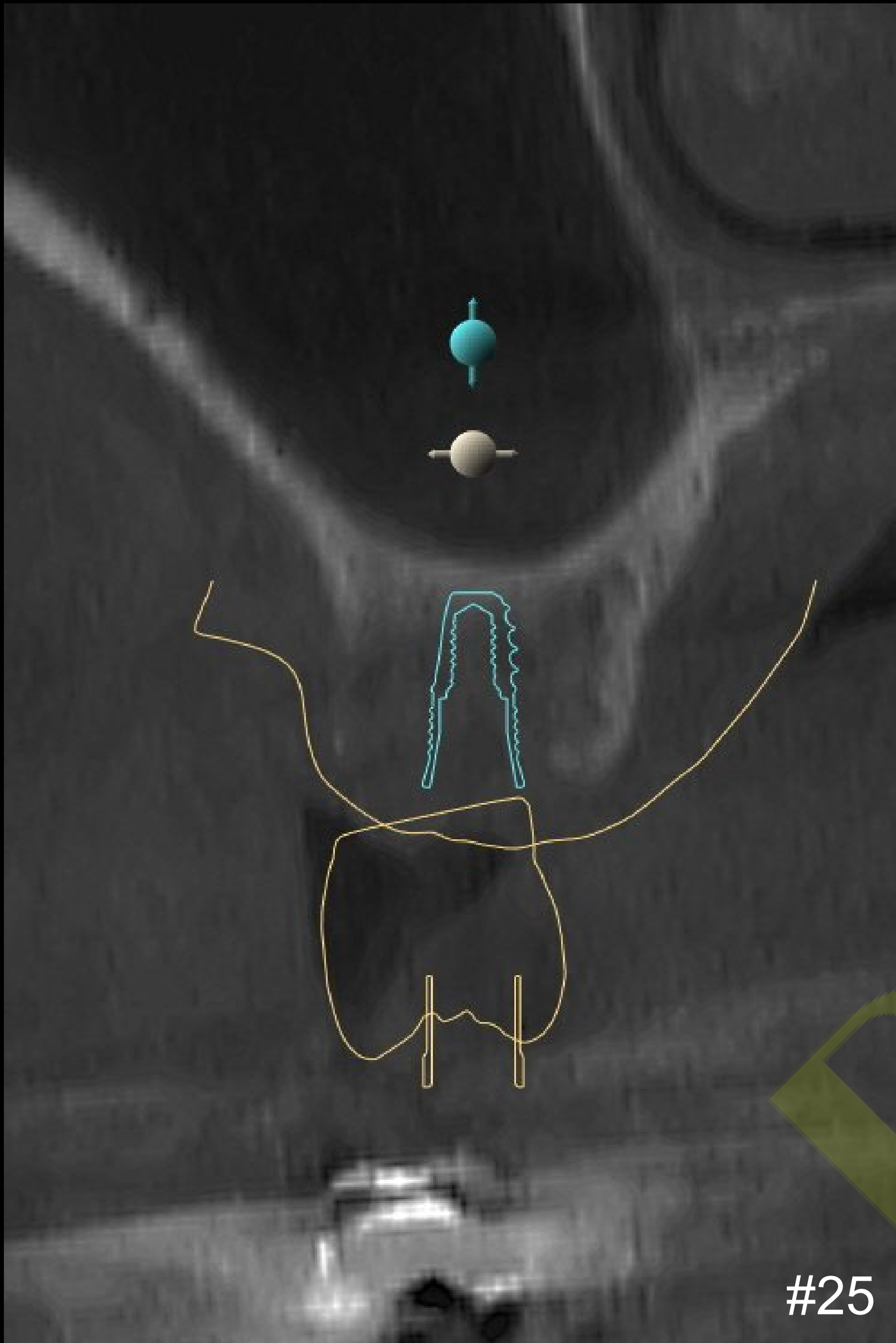
Follow up 2 years 11 months (2023-07-05)



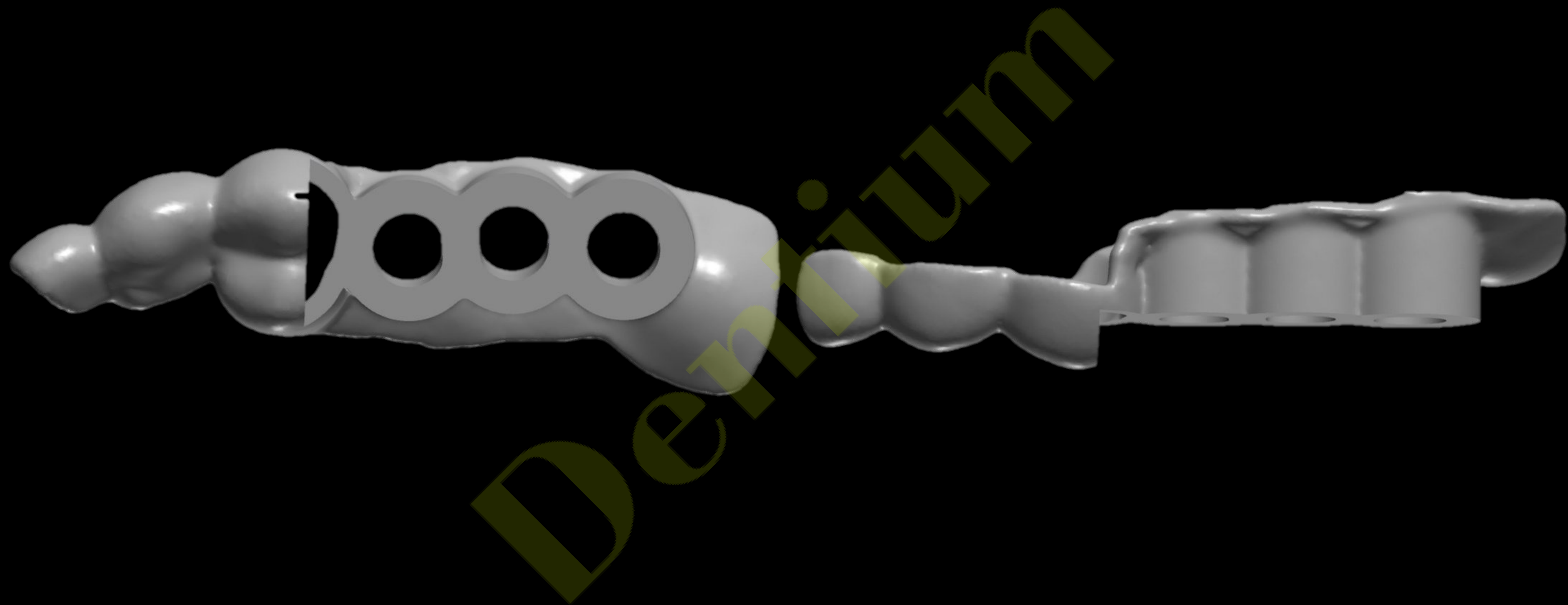
Implant Planning



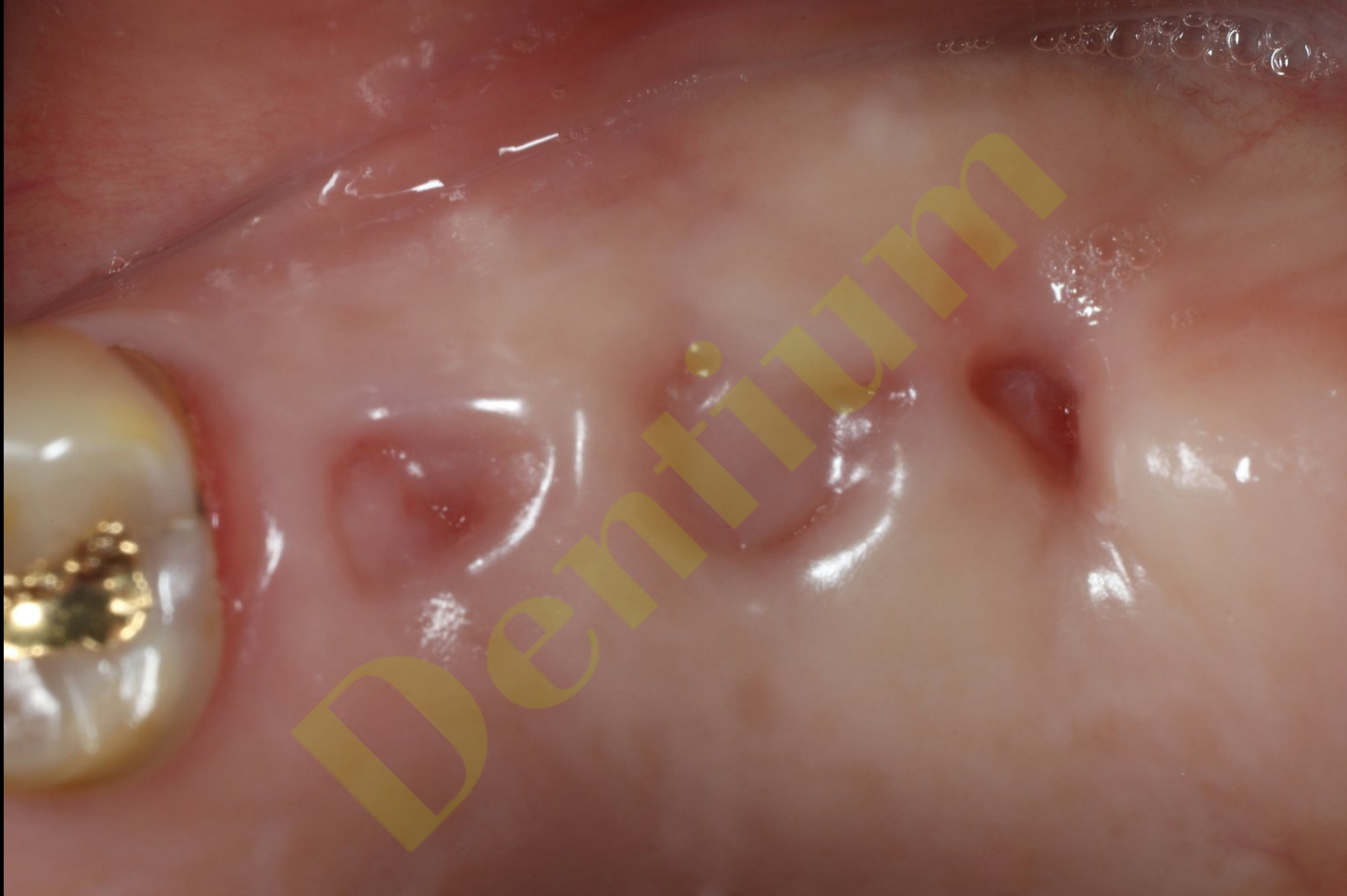
Implant Planning



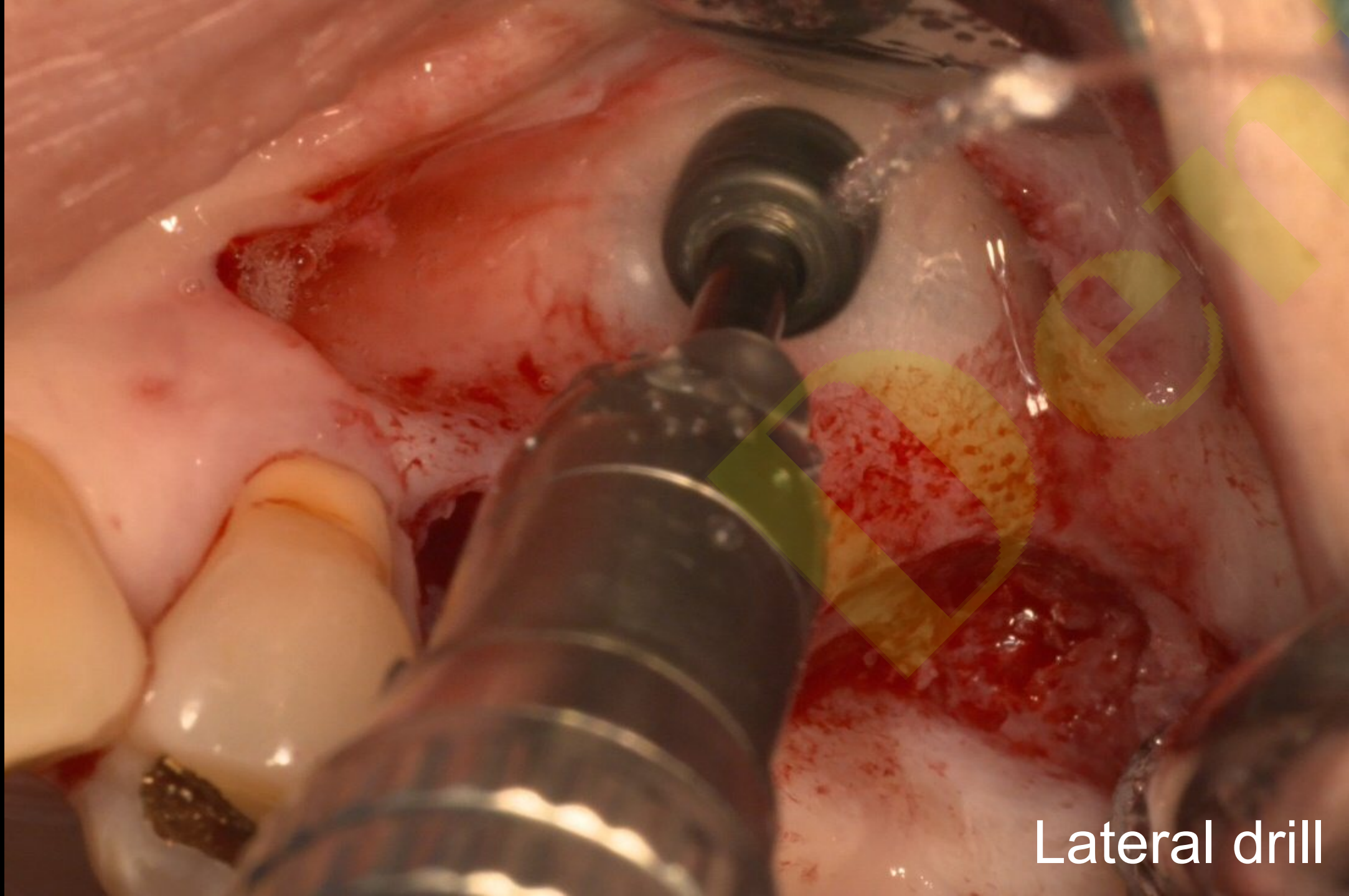
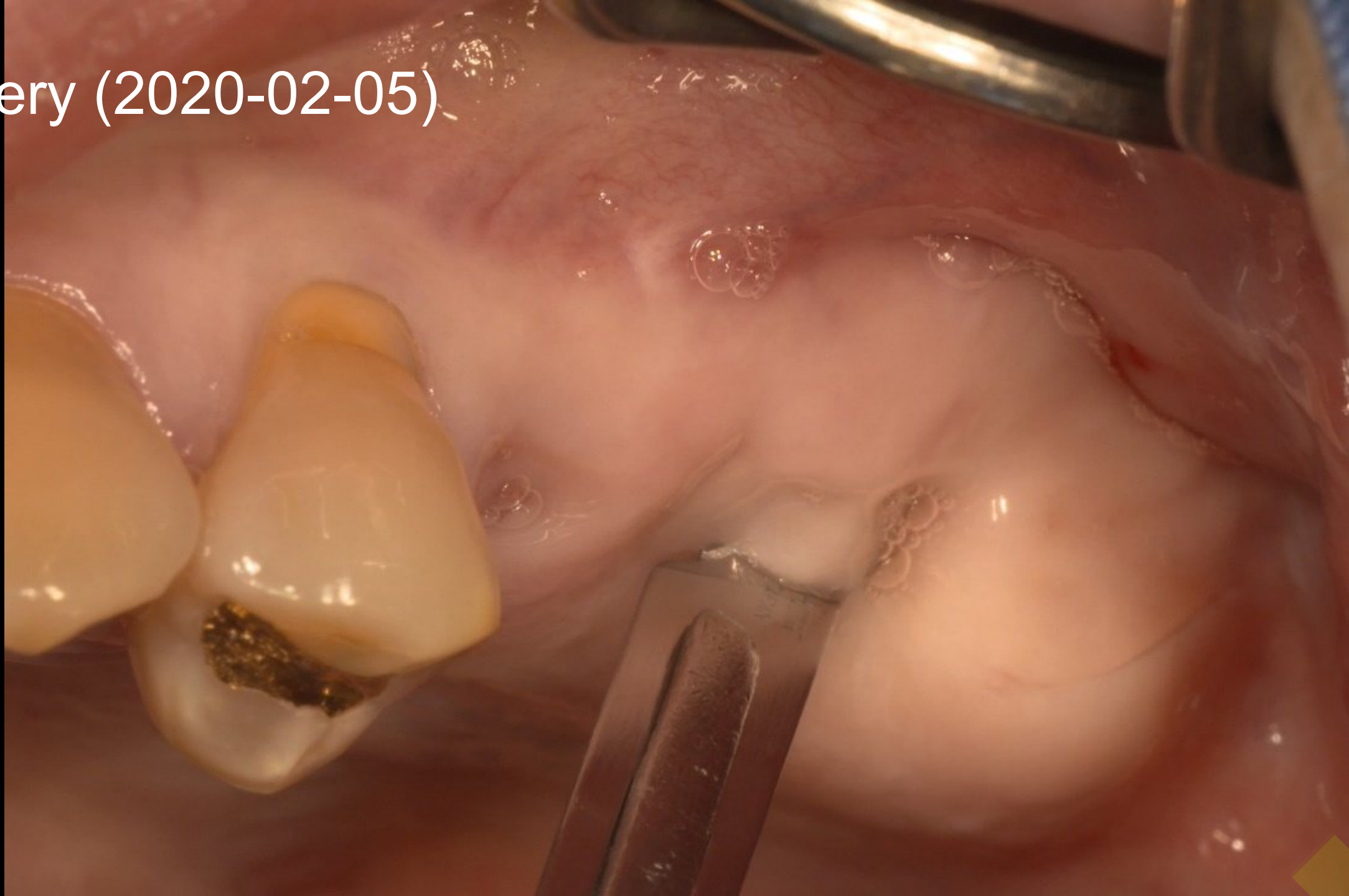
Stent Design



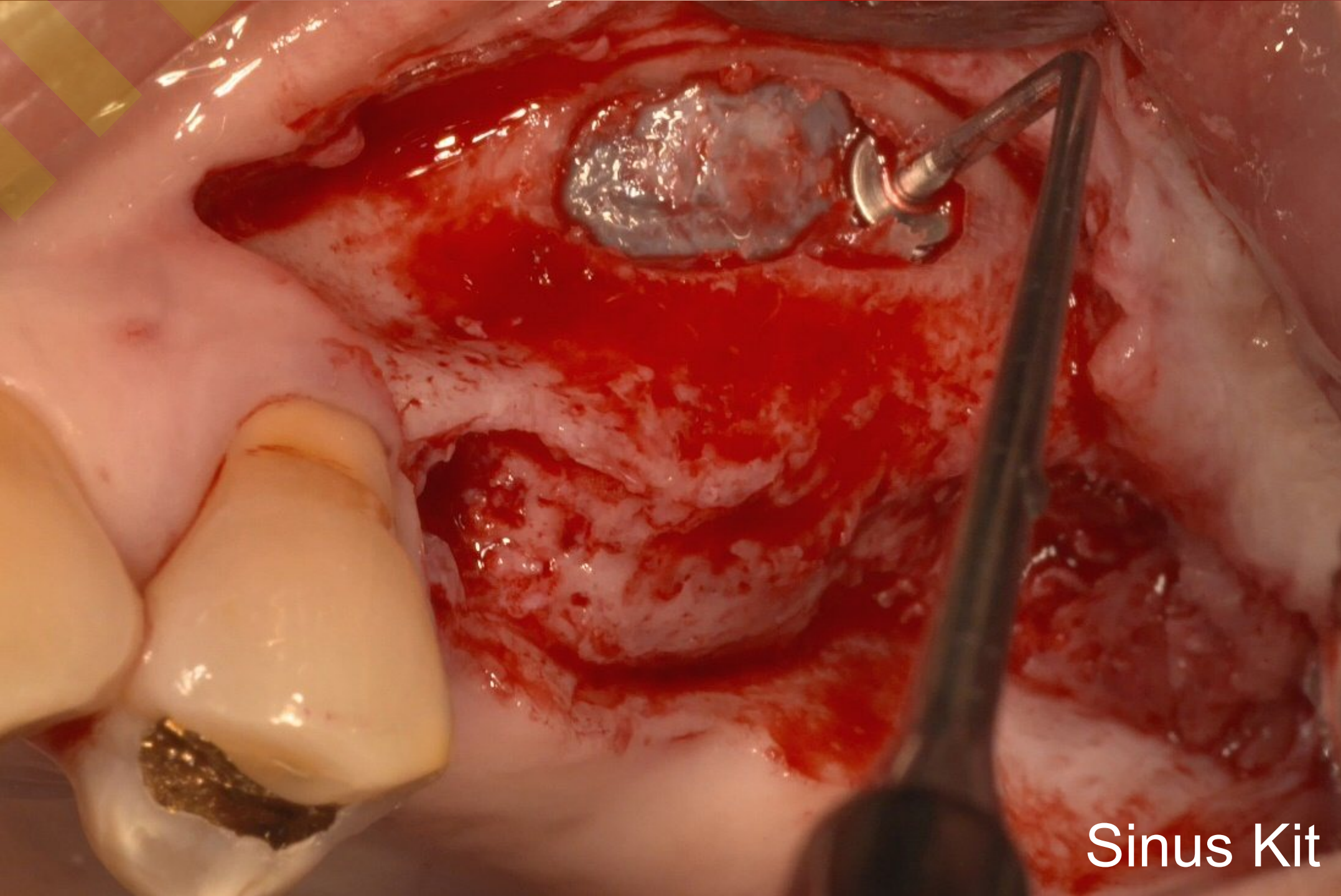
Pre-op (2020-02-05)



Surgery (2020-02-05)

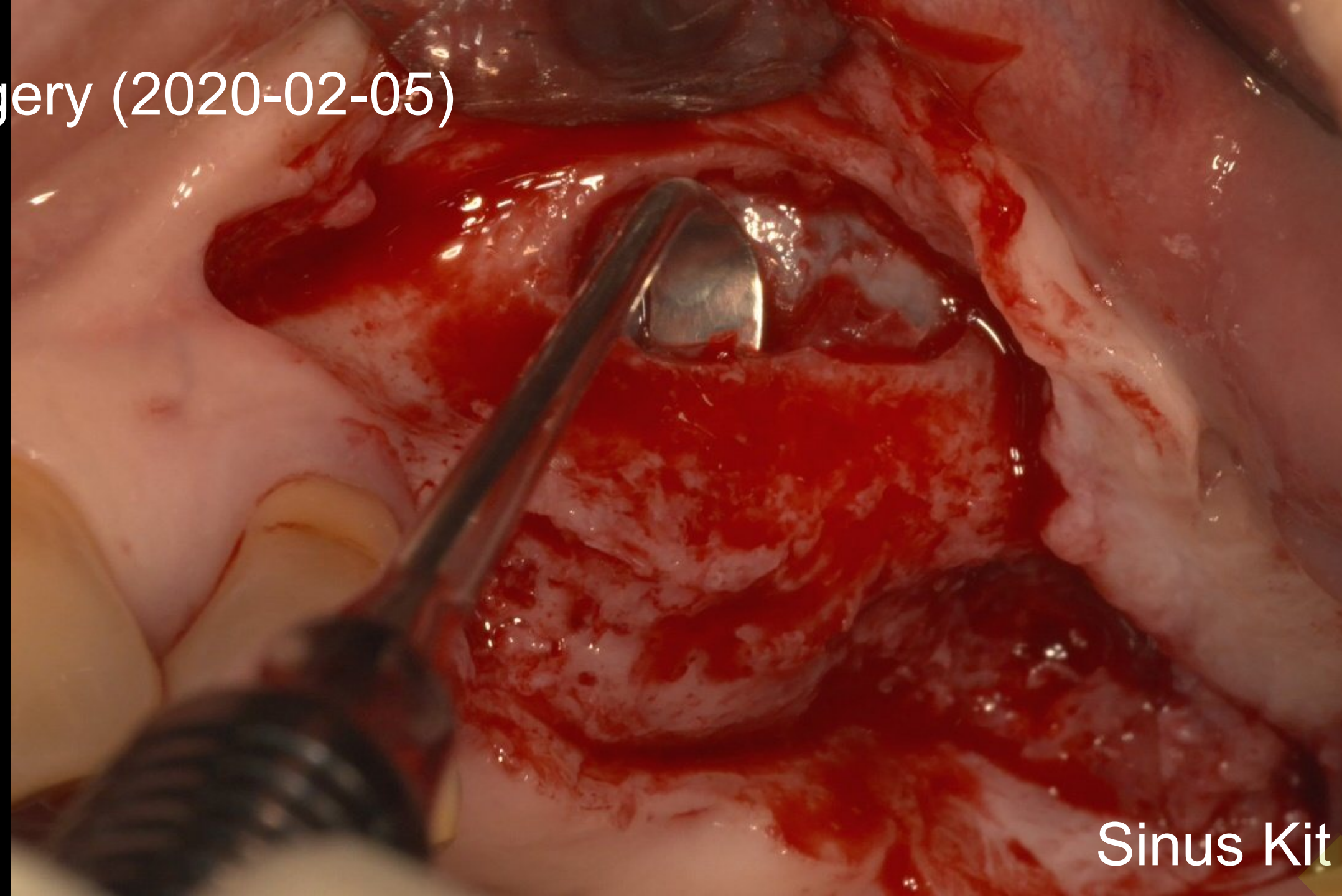


Lateral drill

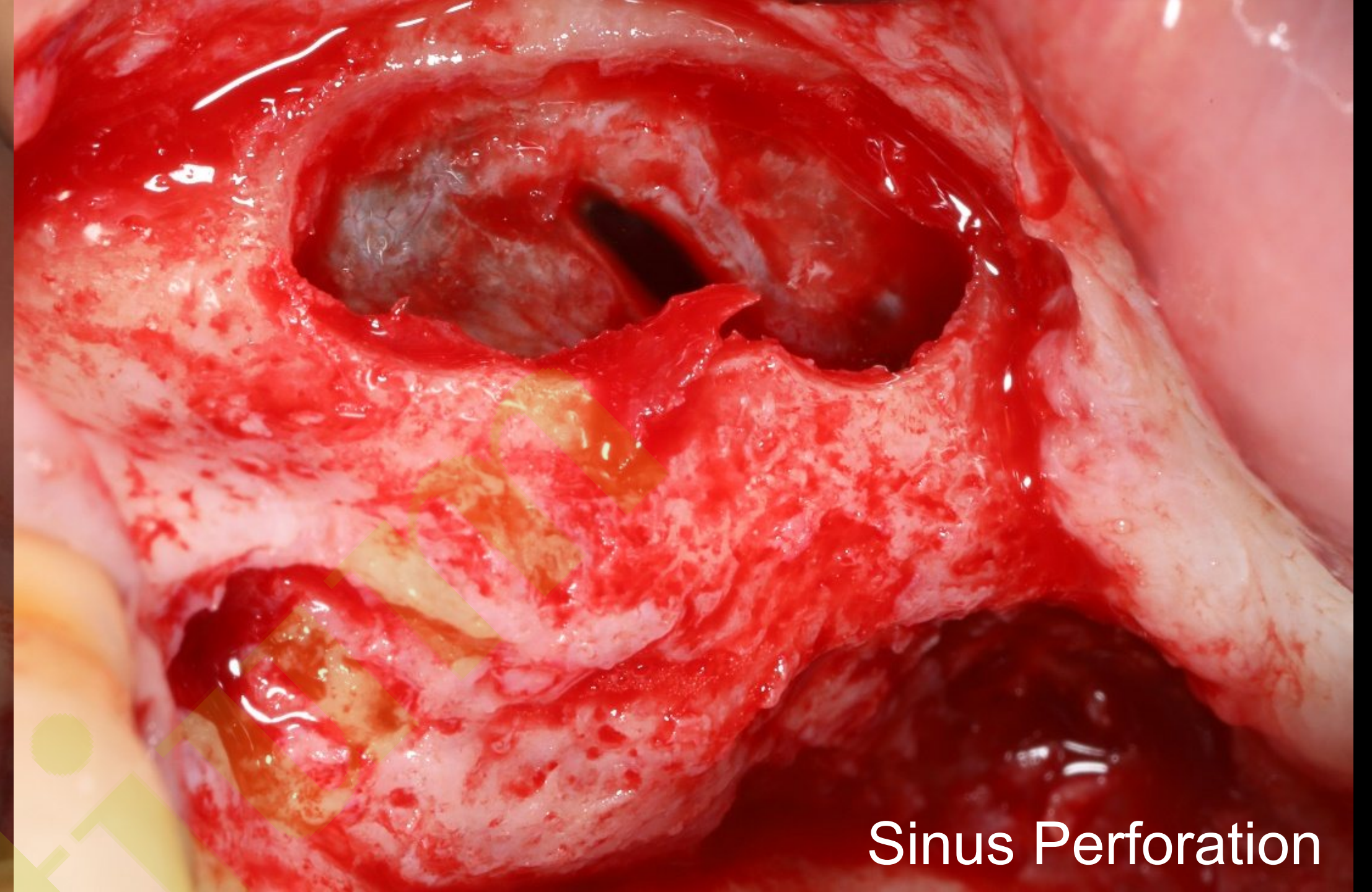


Sinus Kit

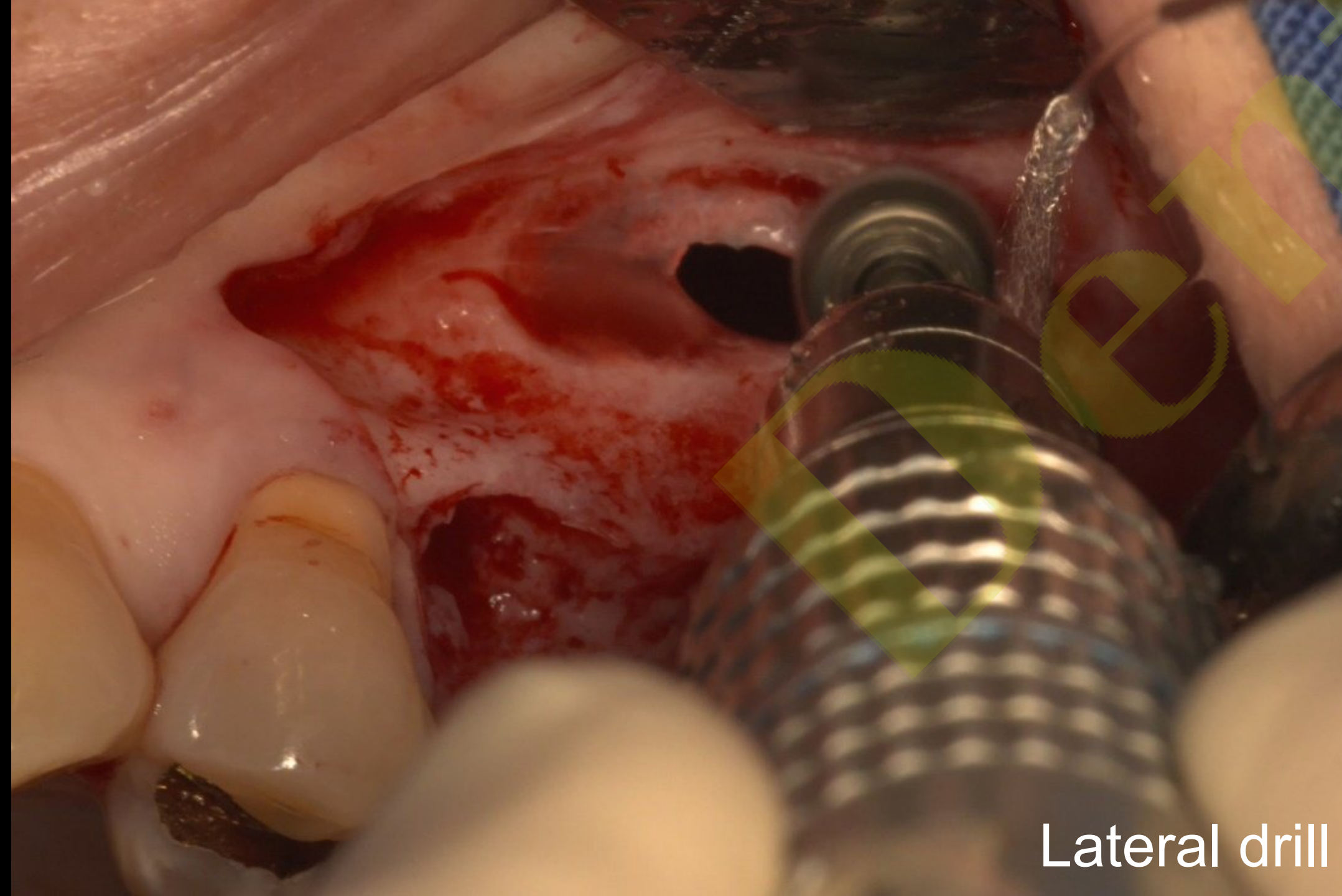
Surgery (2020-02-05)



Sinus Kit



Sinus Perforation

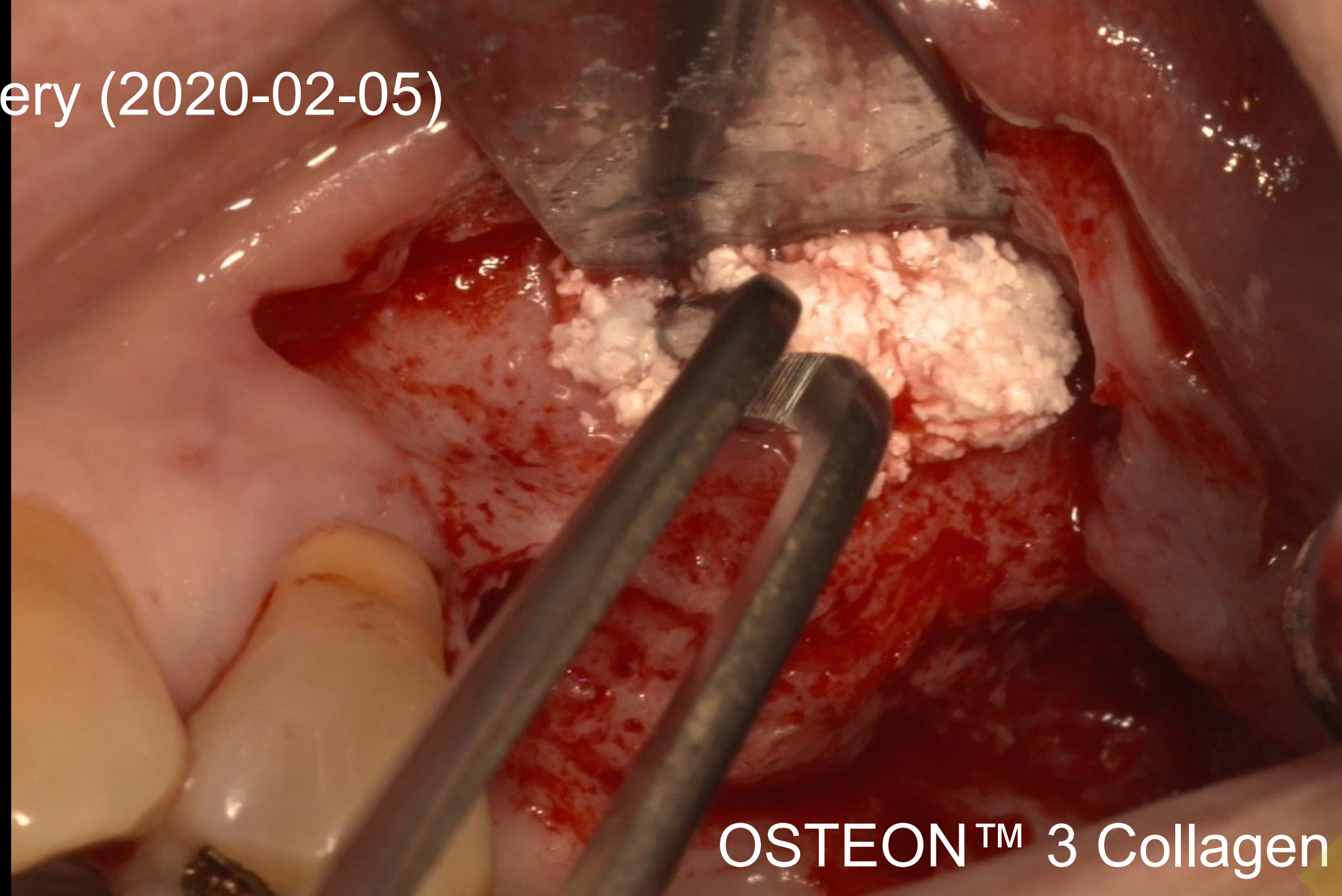


Lateral drill



Collagen Graft 2

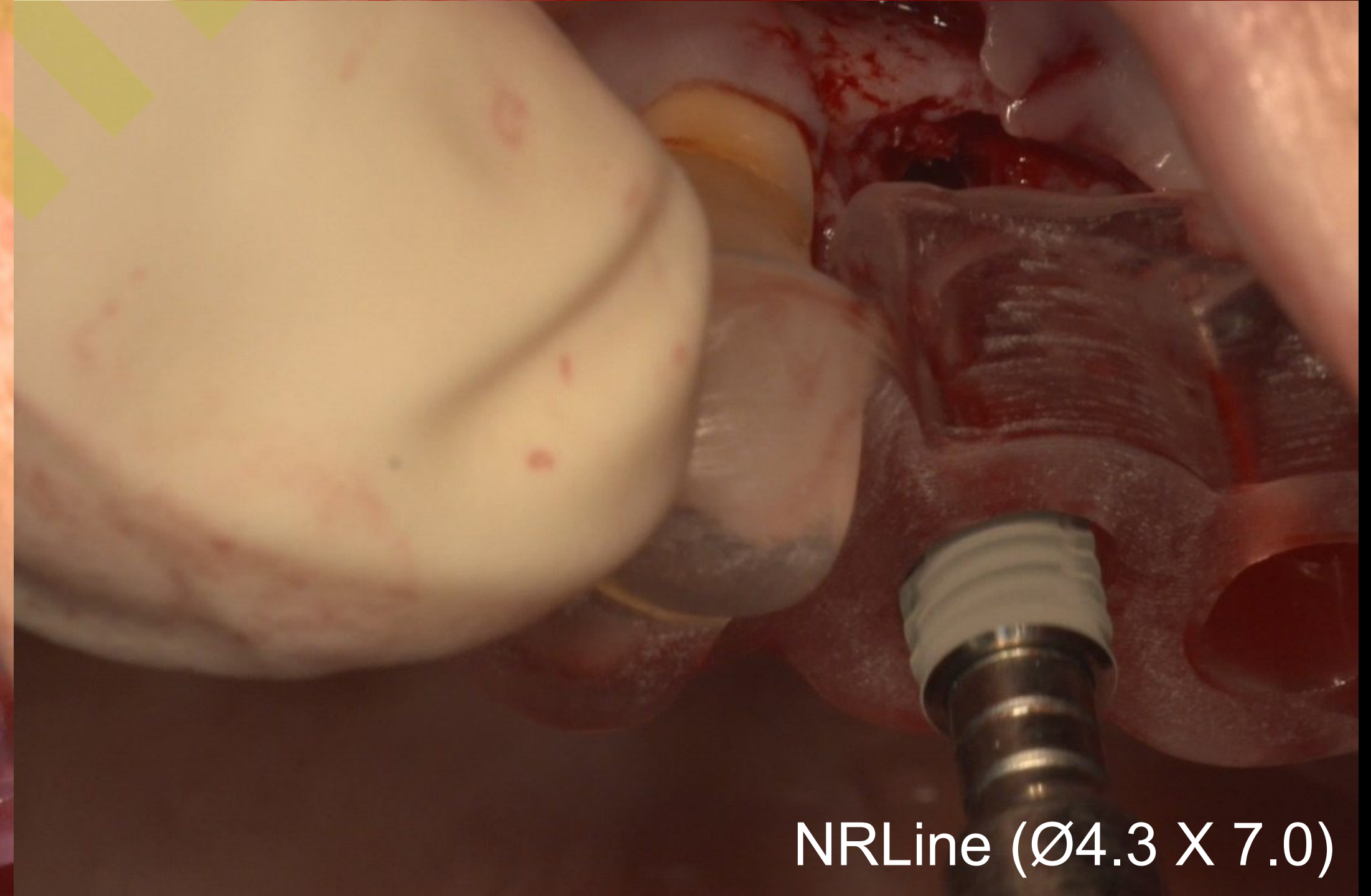
Surgery (2020-02-05)



OSTEON™ 3 Collagen

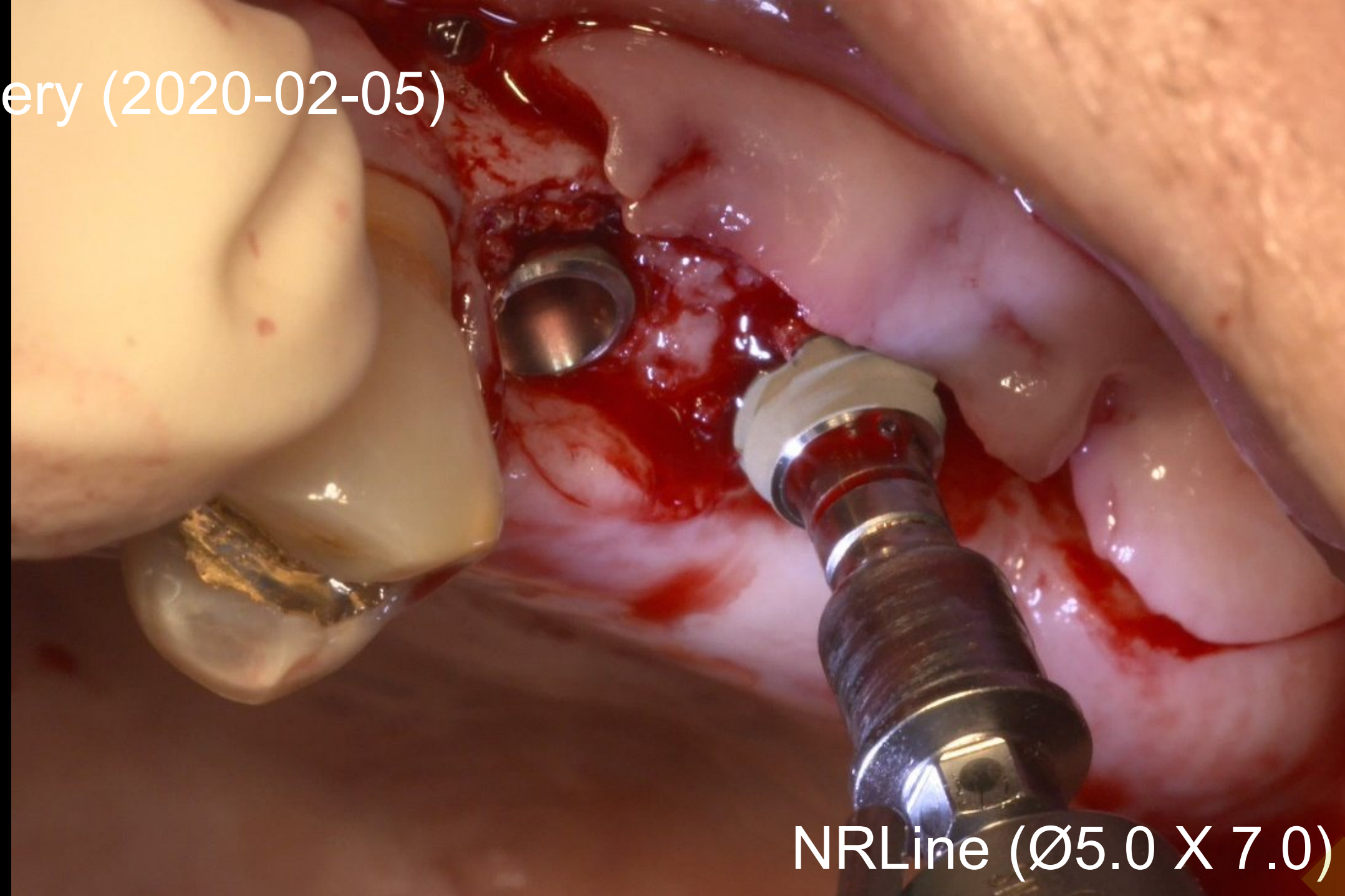


Digital Guide (Milling, Full Kit)



NRLLine (Ø4.3 X 7.0)

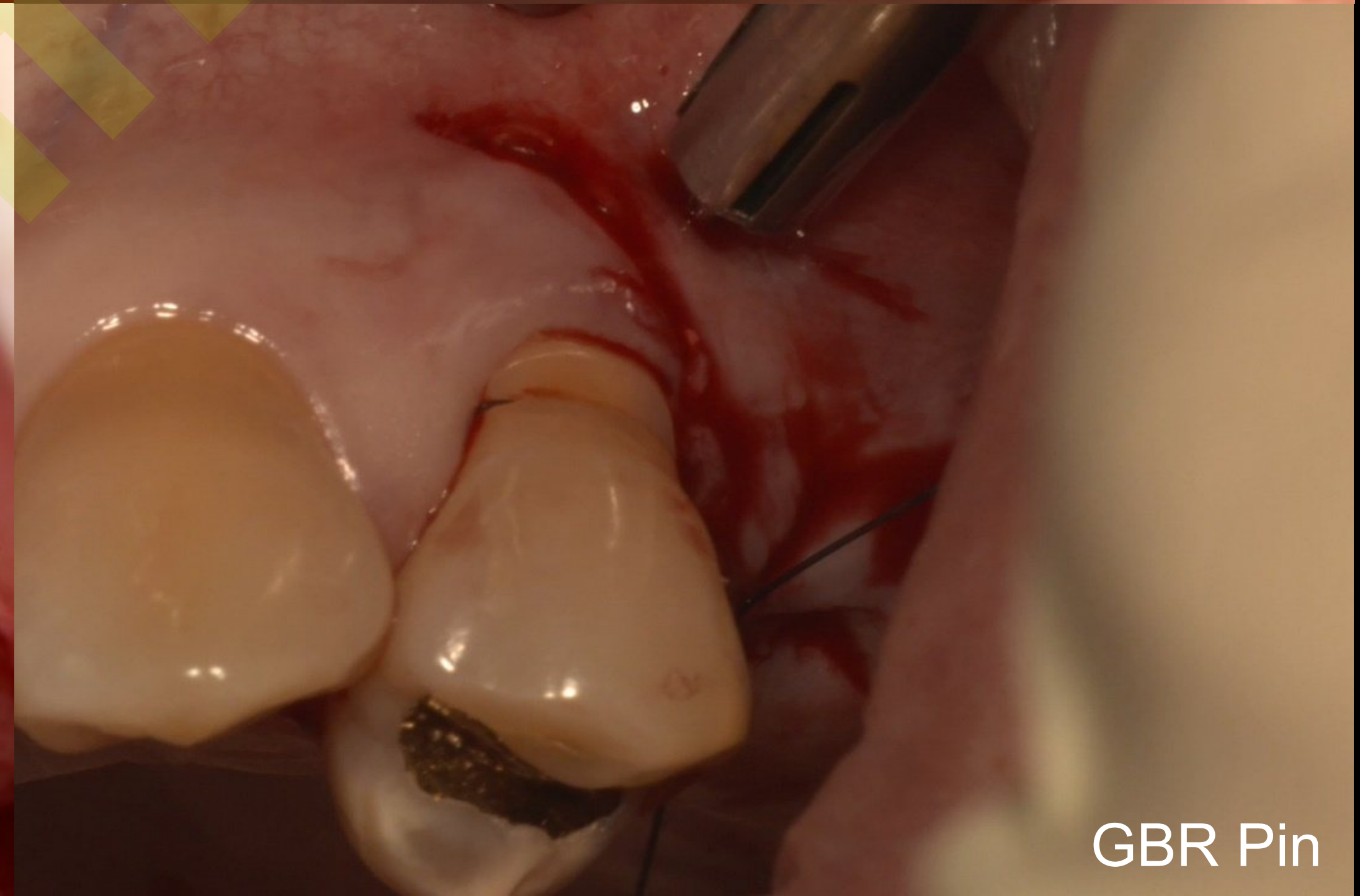
Surgery (2020-02-05)



NRLine (Ø5.0 X 7.0)

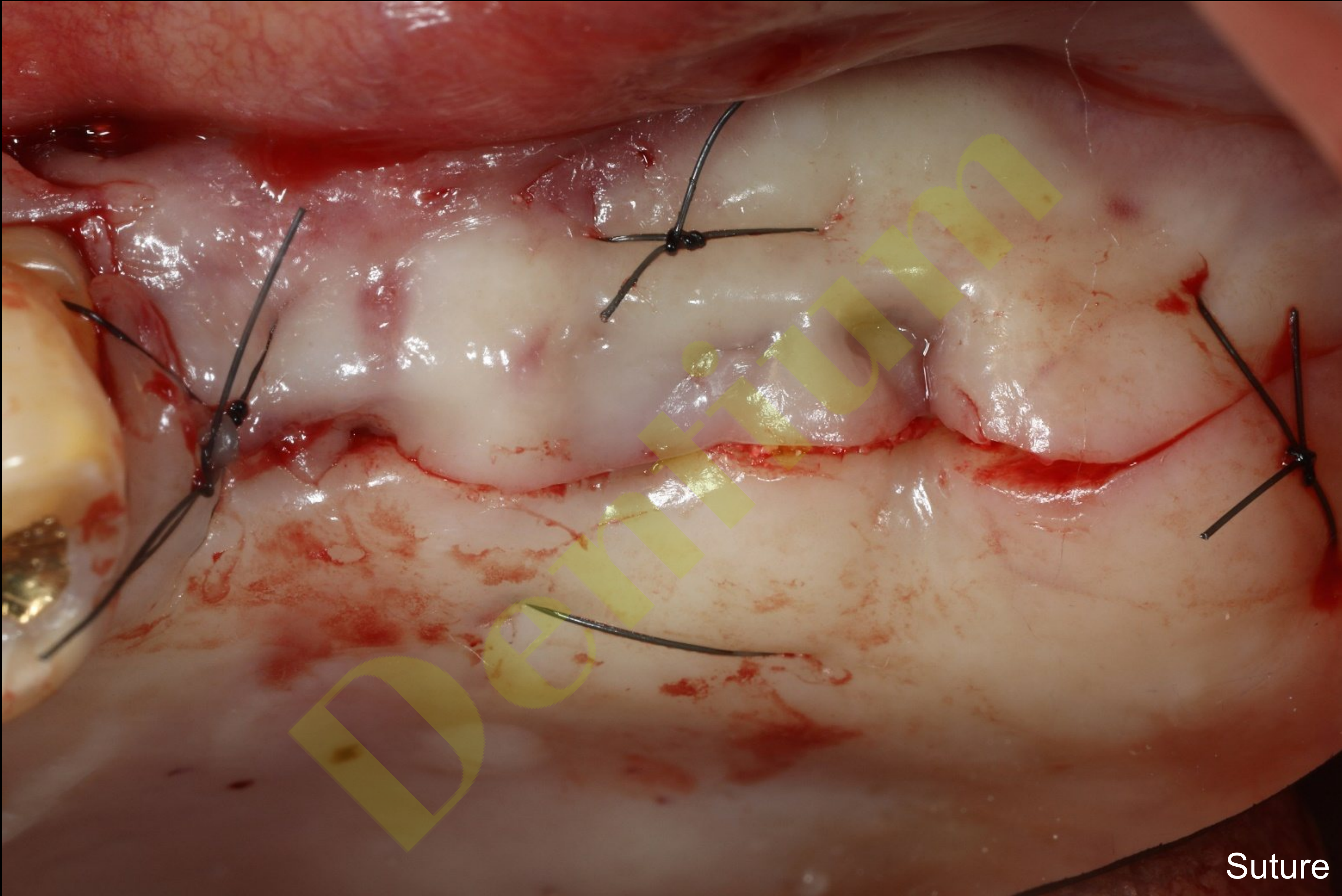


OSTEON™ 3 Collagen



GBR Pin

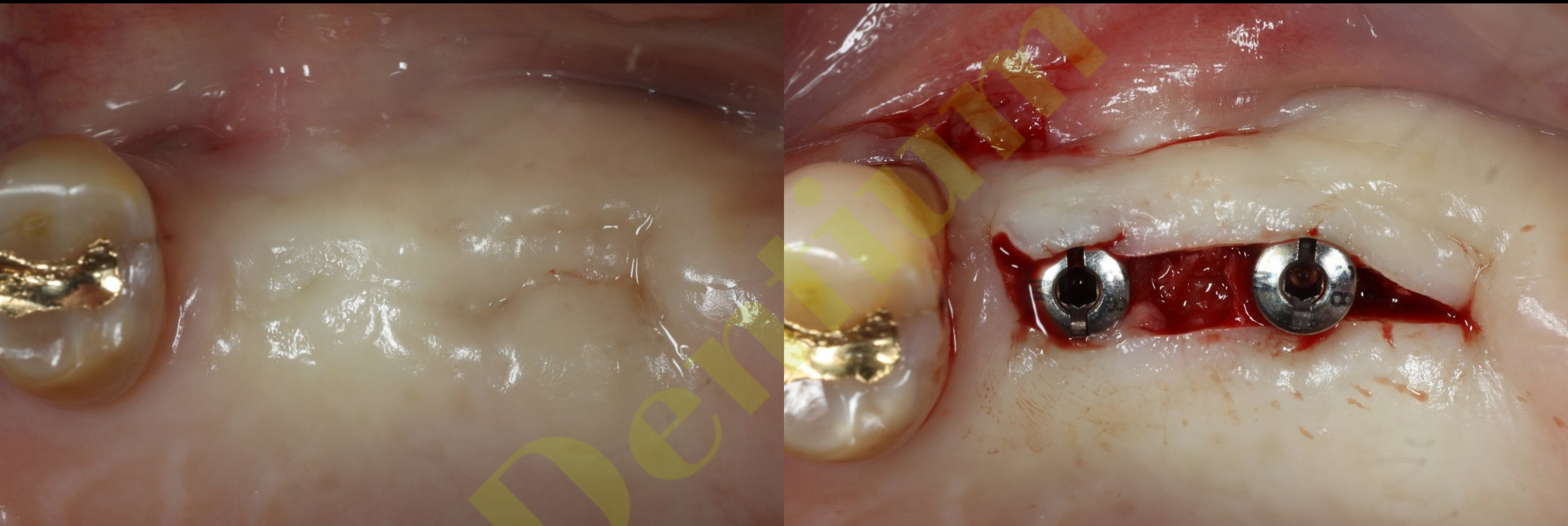
Post-op (2020-02-05)



Healing : 2 weeks (2020-02-20)



Healing : 5 months / 2nd Surgery (2020-07-01)



Healing : 2 weeks (After 2nd Surgery) (2020-07-15)



Healing : 1 month (After 2nd Surgery) (2020-07-30)



Scan Abutment

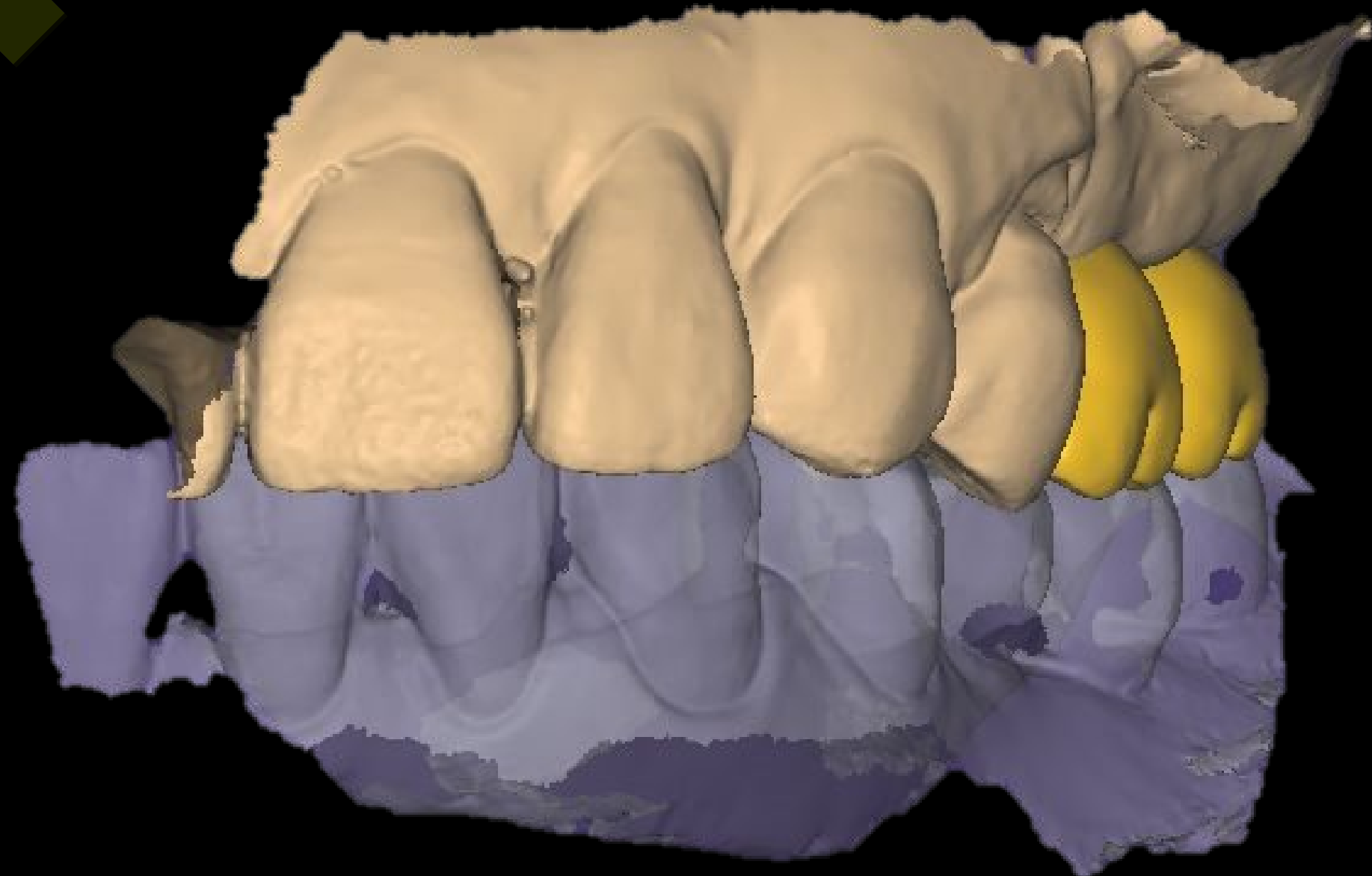
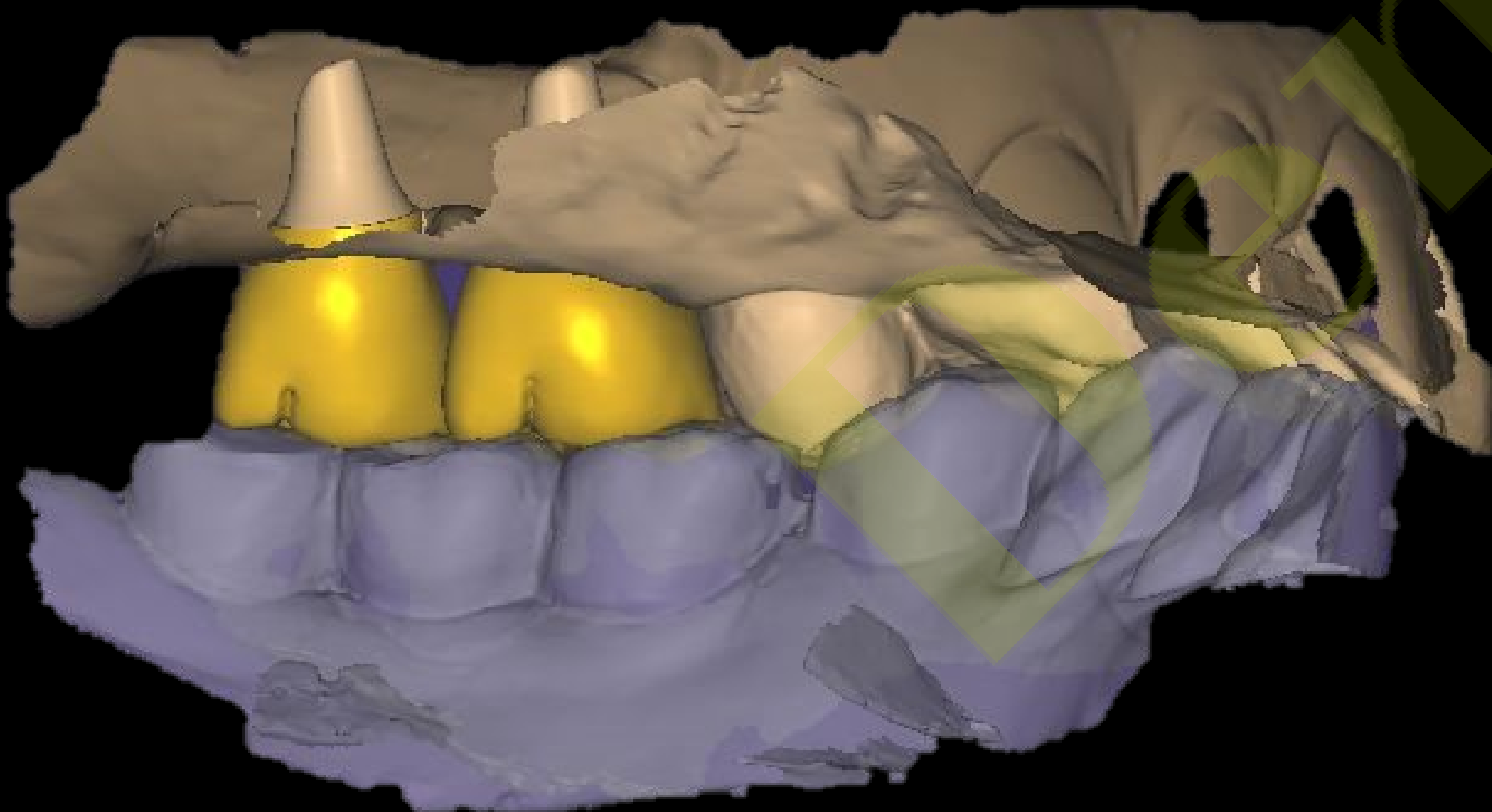
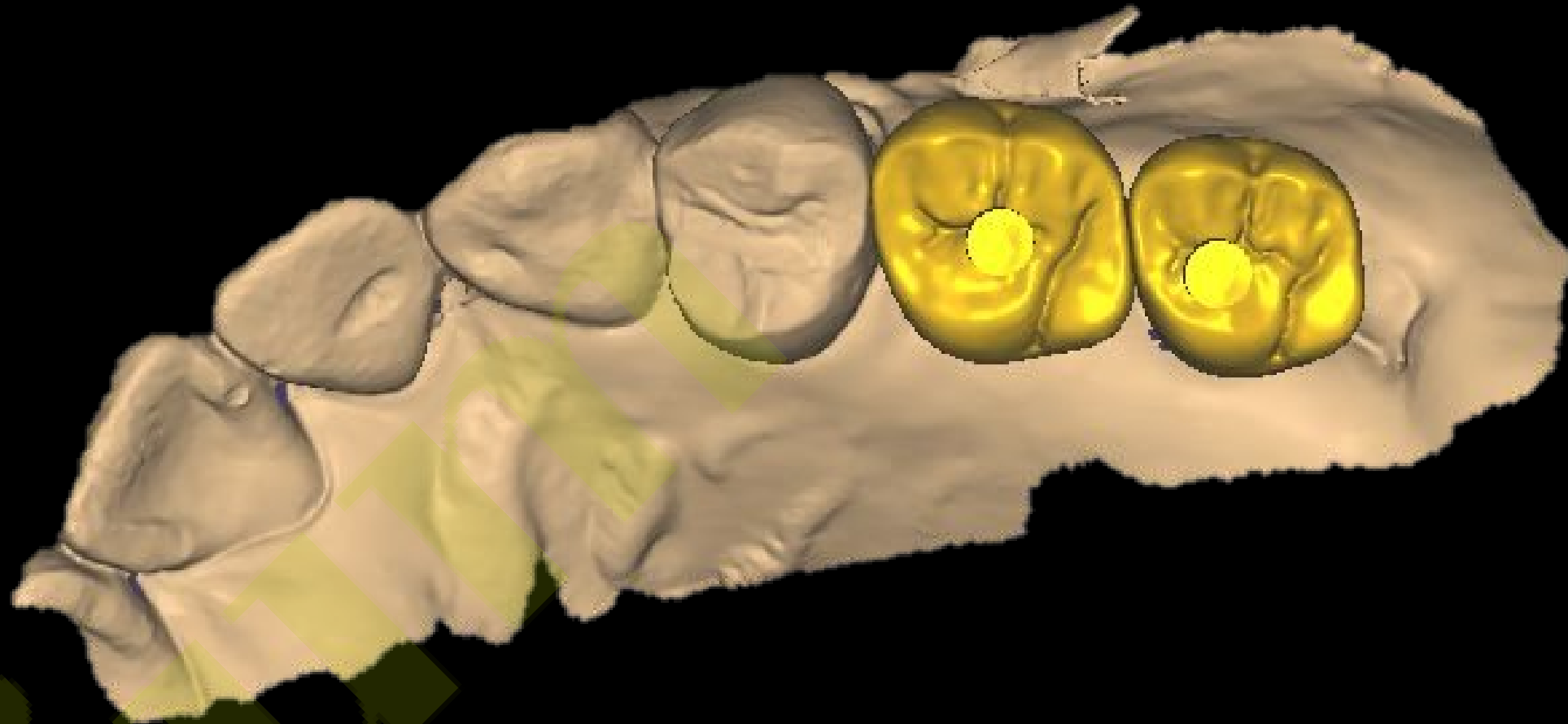
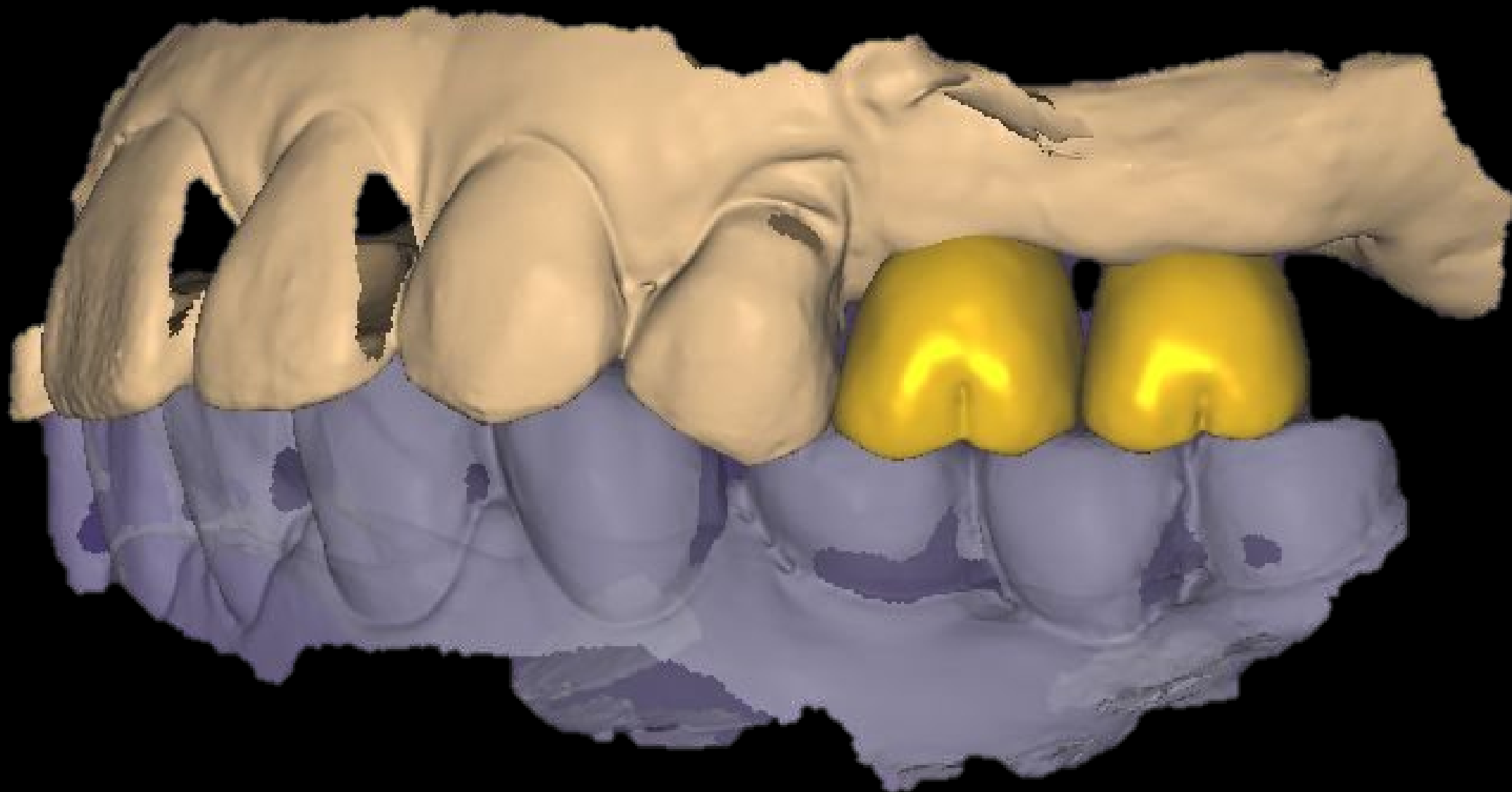
Shade taking



Intra Oral Scanning



CAD (Final prosthesis)



Milling / Brushing





Final prosthesis (2020-07-30)





Follow up 1 year 1 month (2021-10-07)



Follow up : 5 year 2 month (2022-12-21)

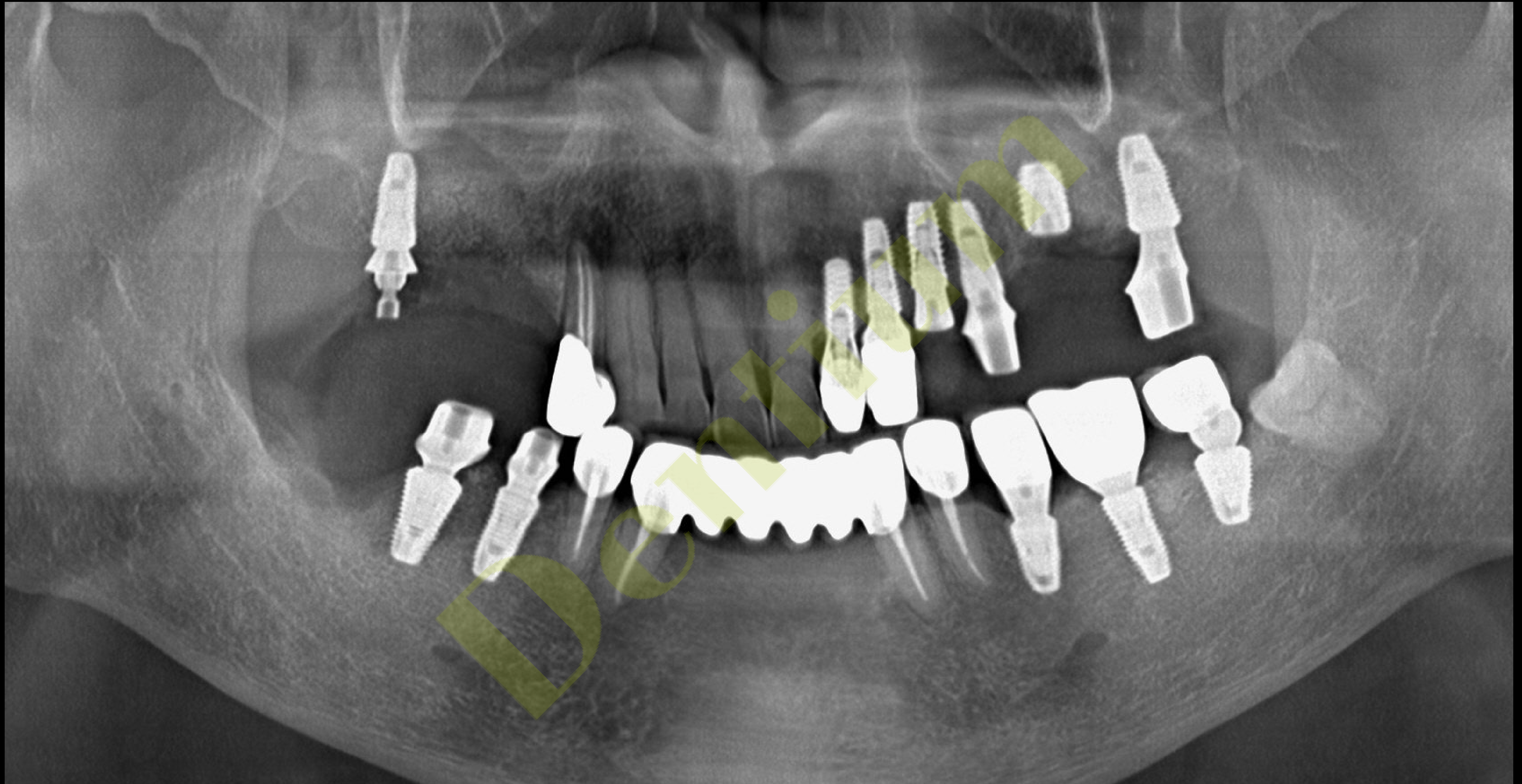


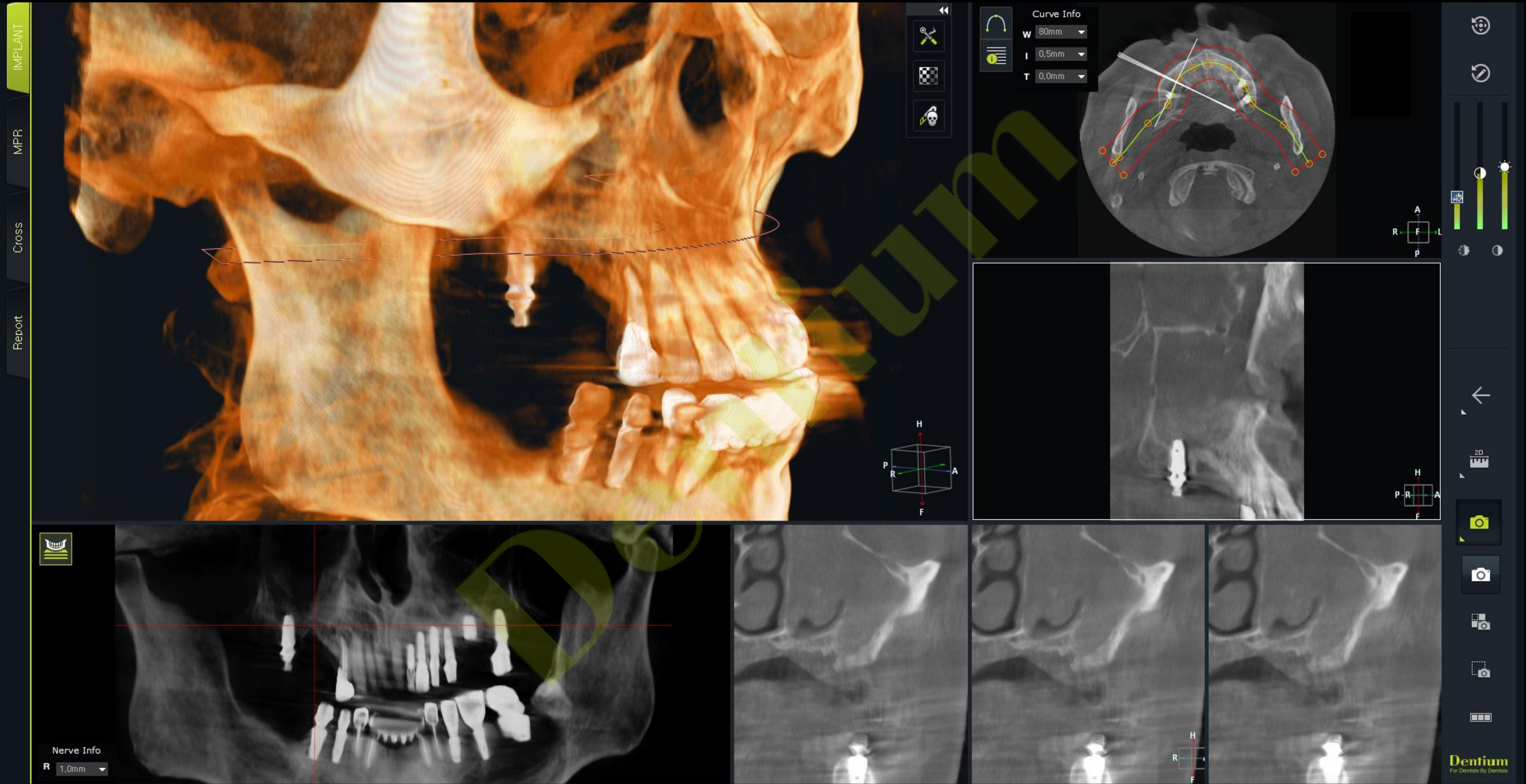
Sinusitis Treatment

Pt. 1947 / M



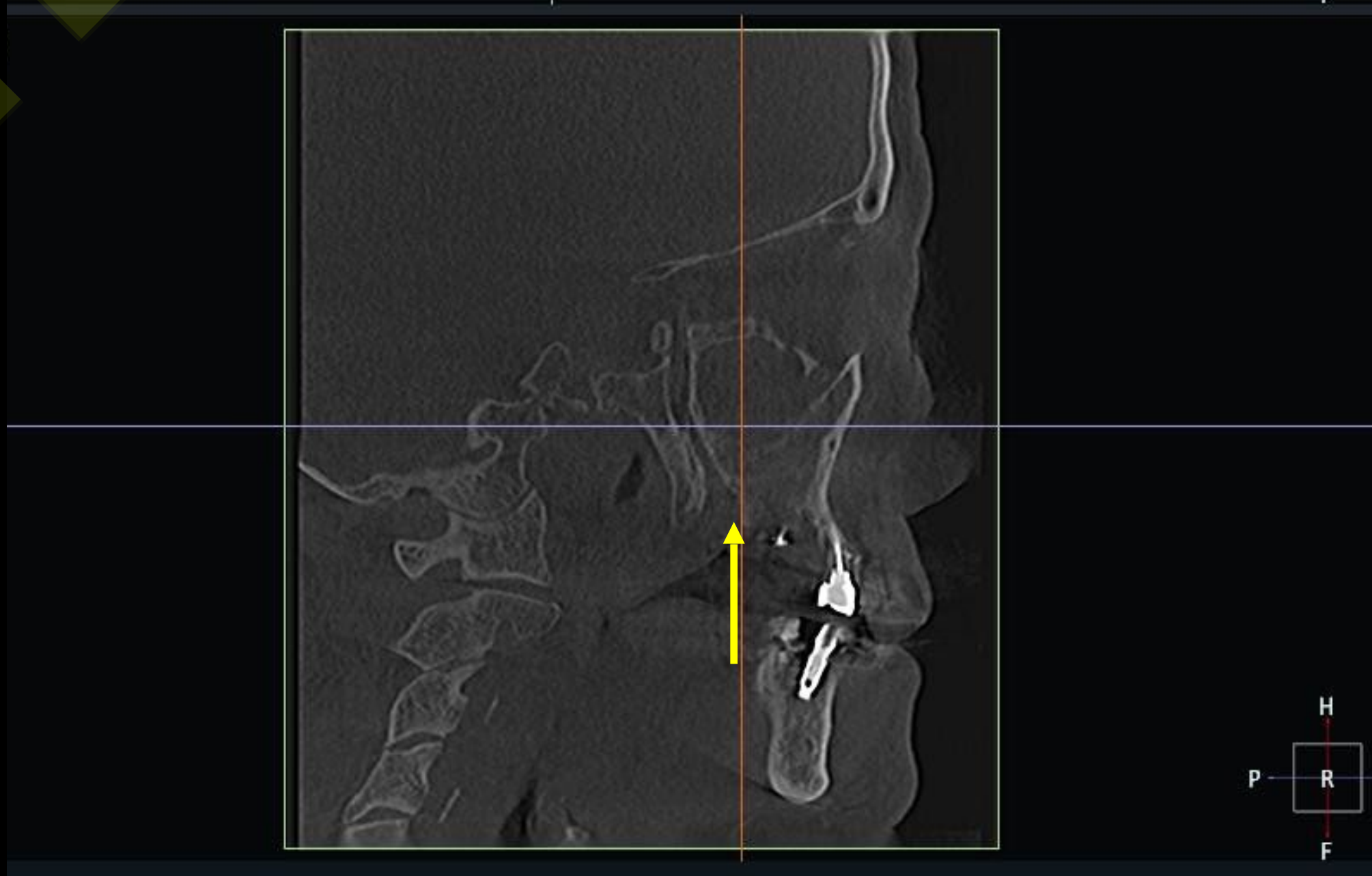
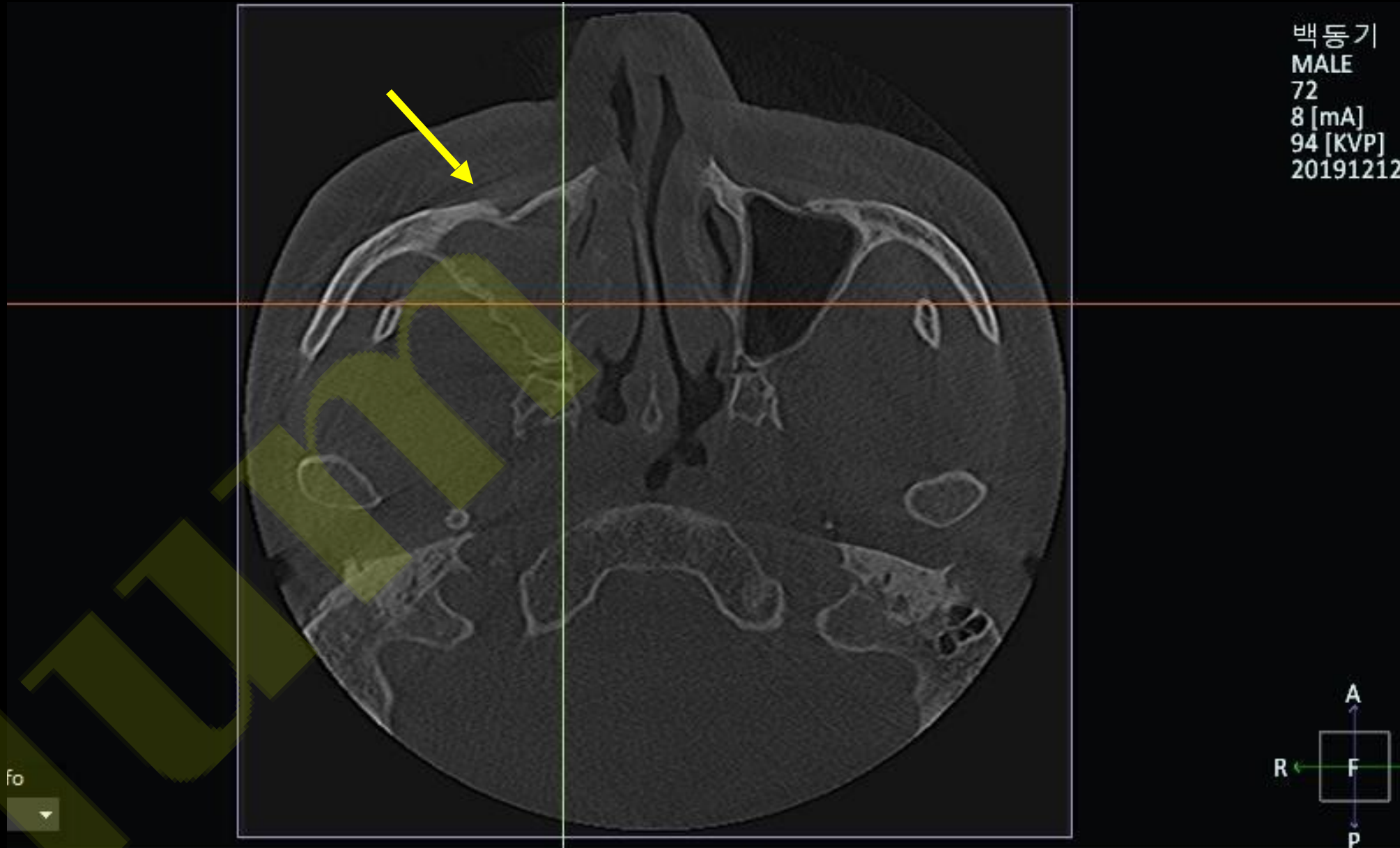
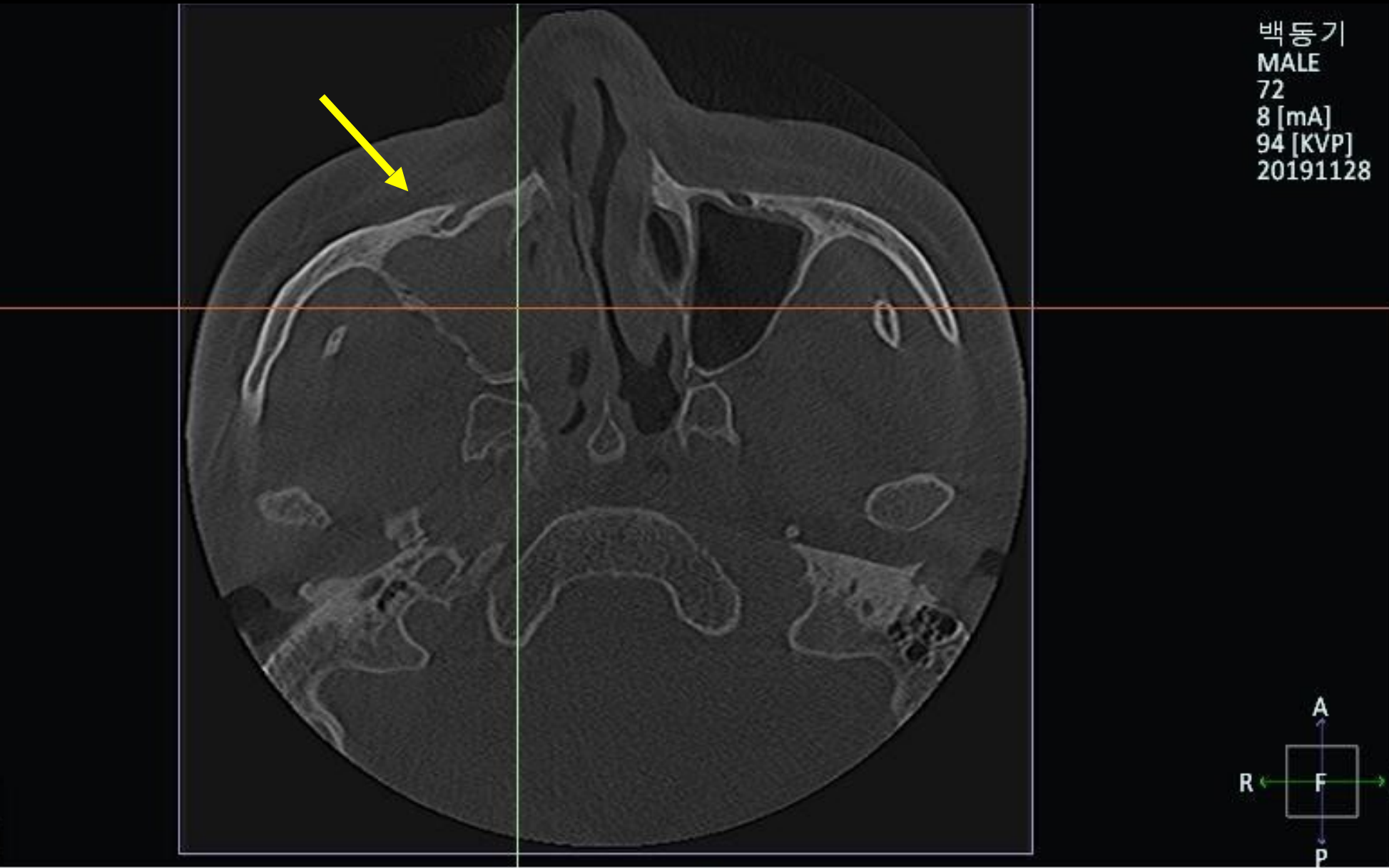
Pre-op (2019-10-16)





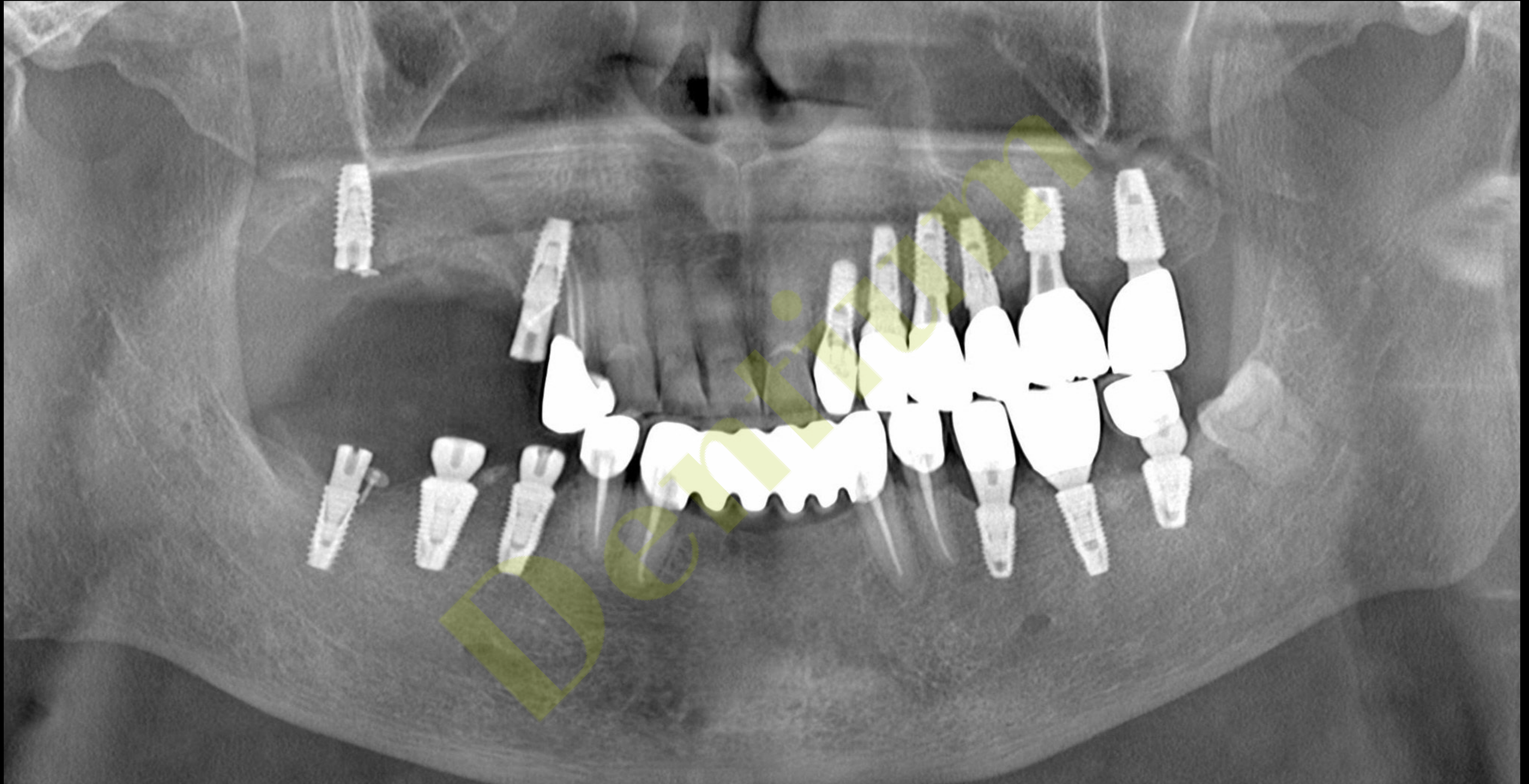
Pre-op_Sinusitis (2019-11-28)

Post-op_Sinusitis treatment (2019-12-12)



Post-op (2020-08-27)

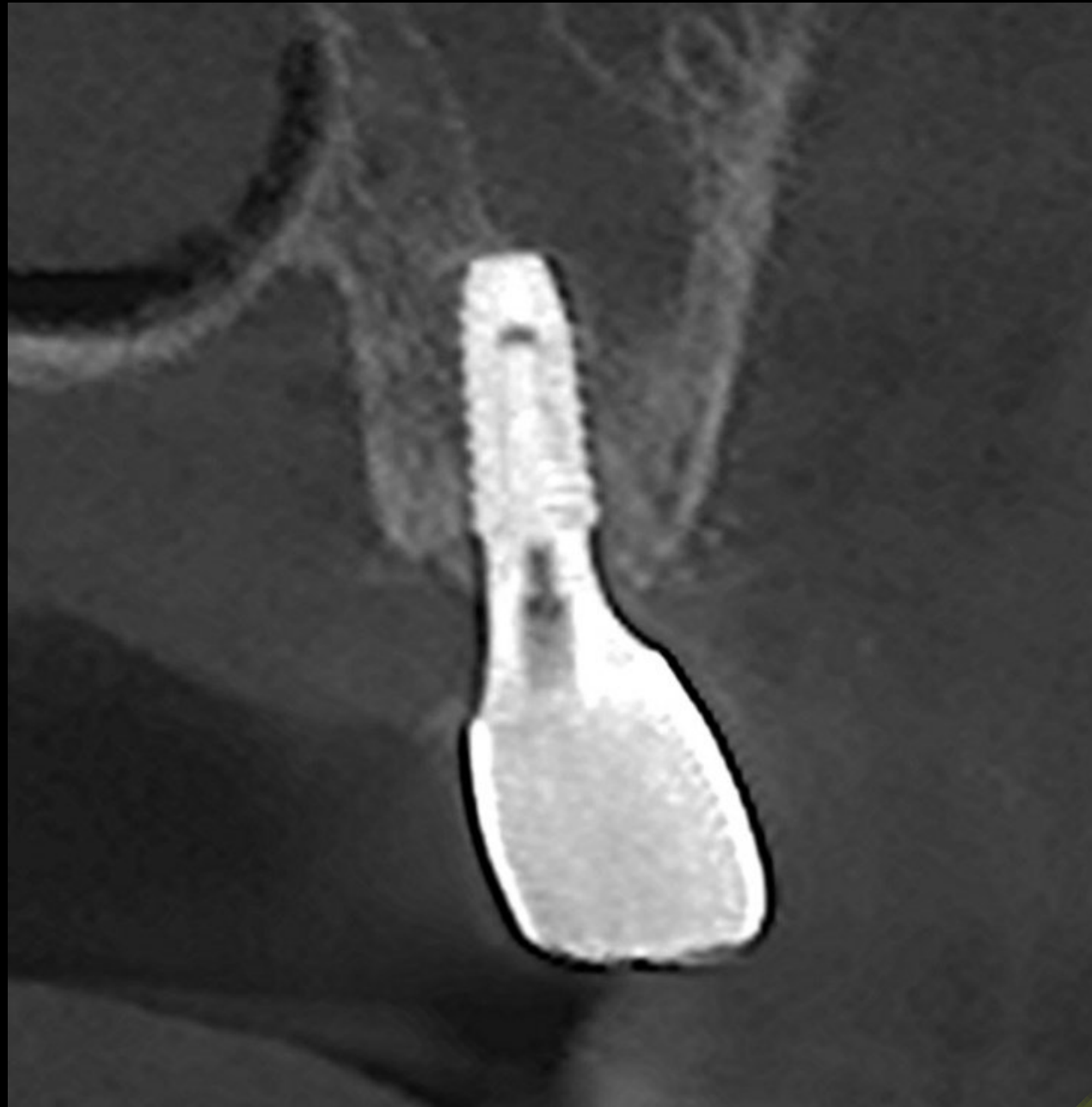




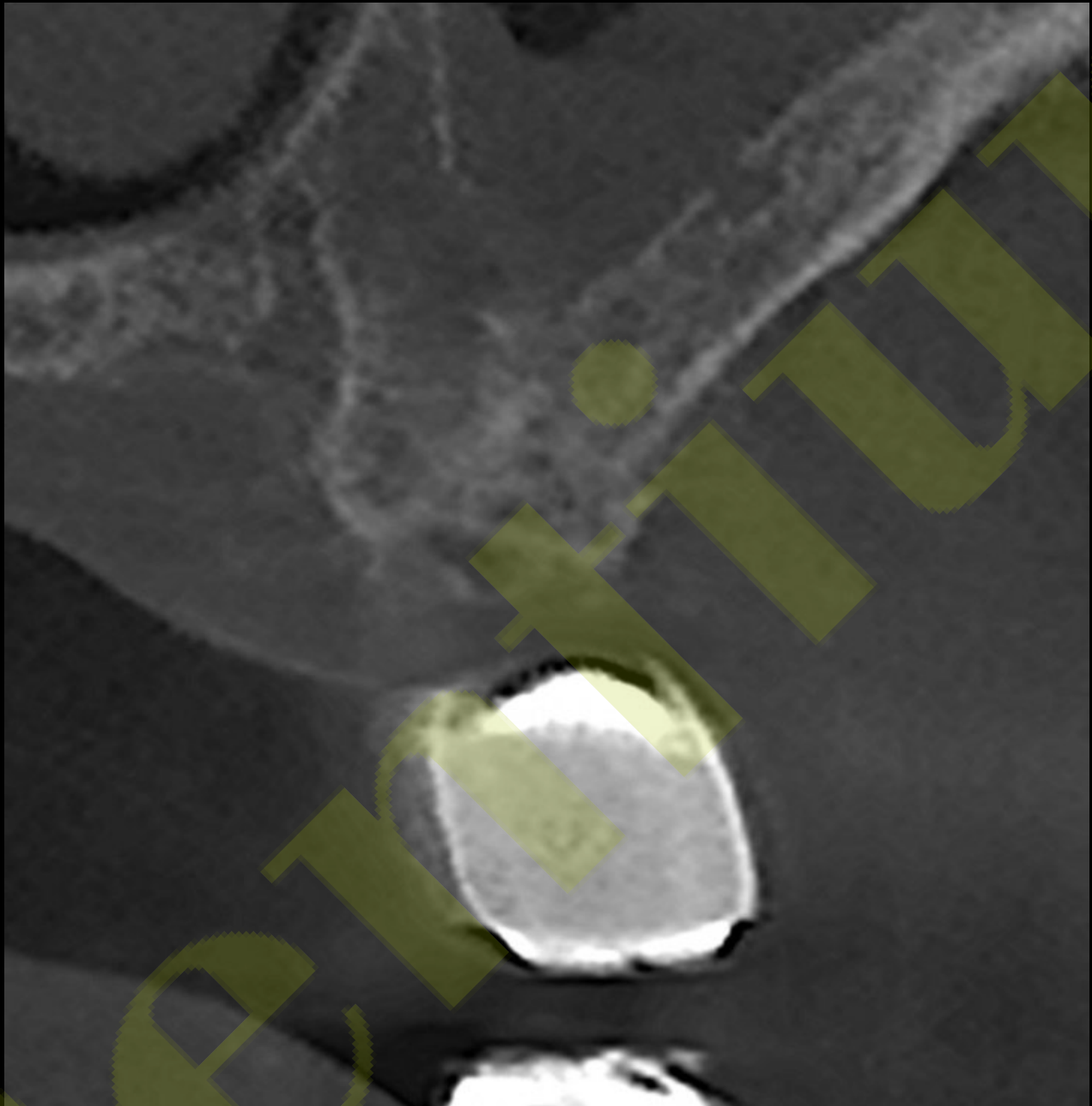
Final prosthesis (2022-01-27)



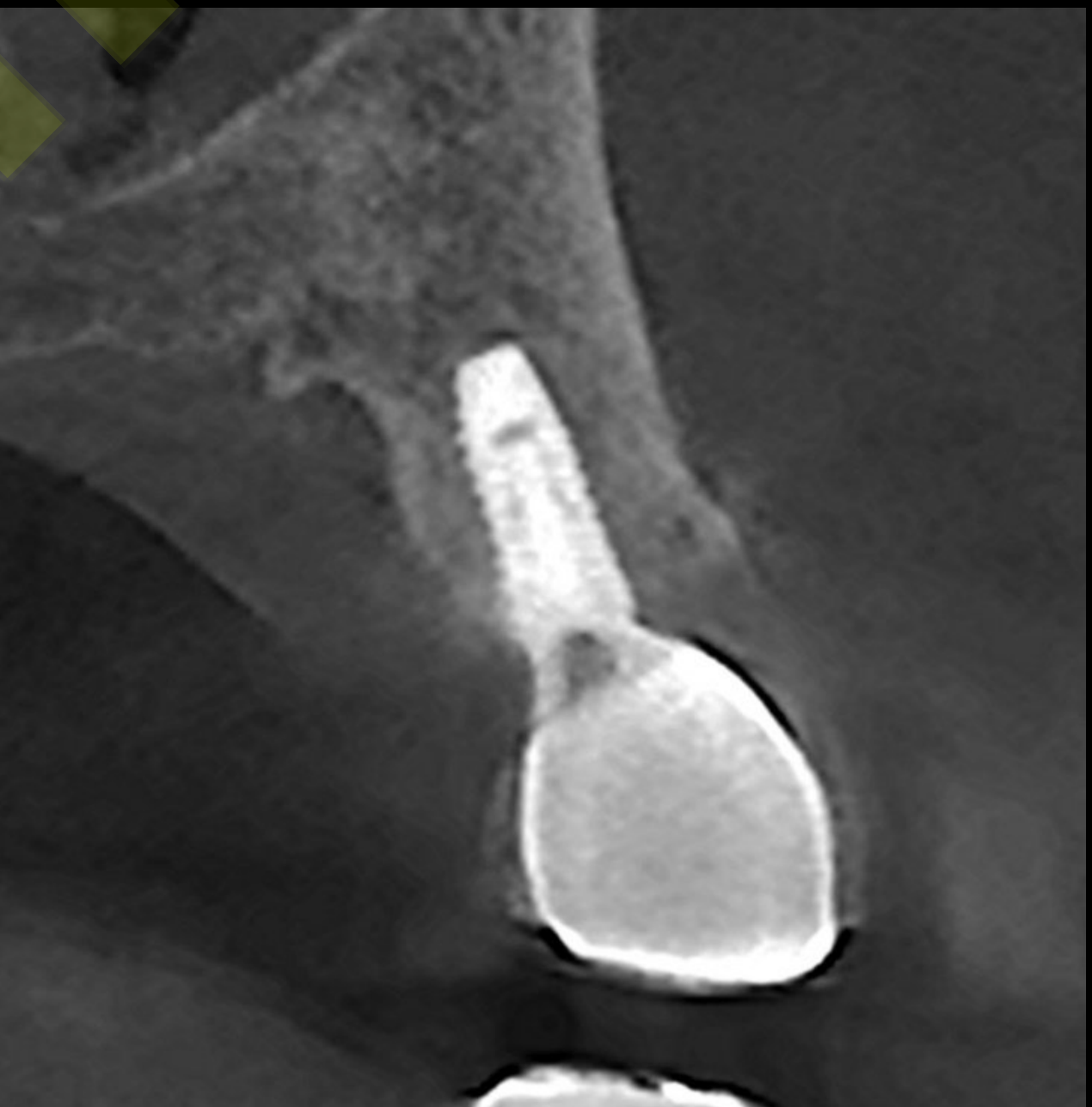
Follow up CT : 1 year 5 months (2023-06-01)



#17



#16 Sinus area



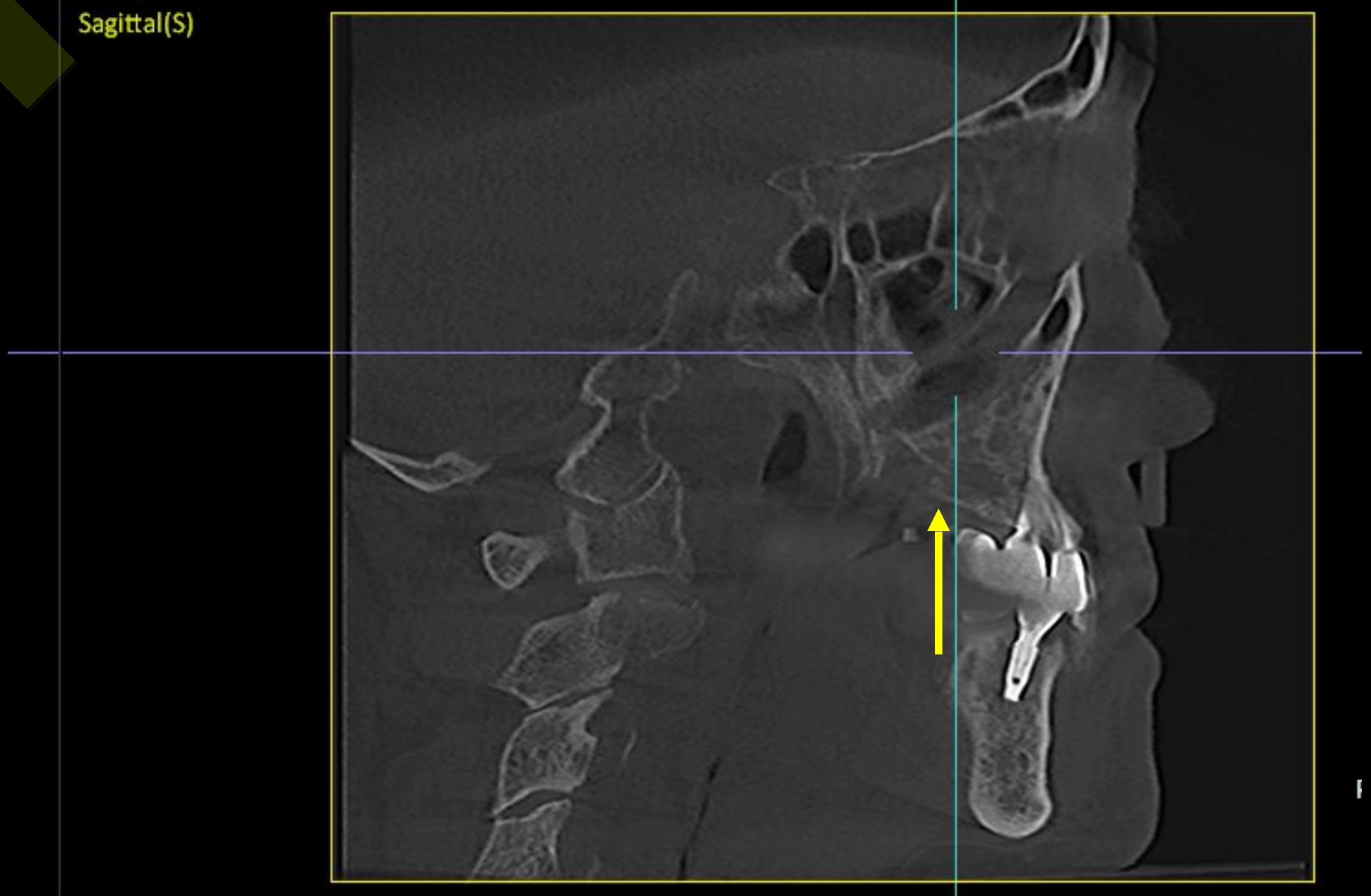
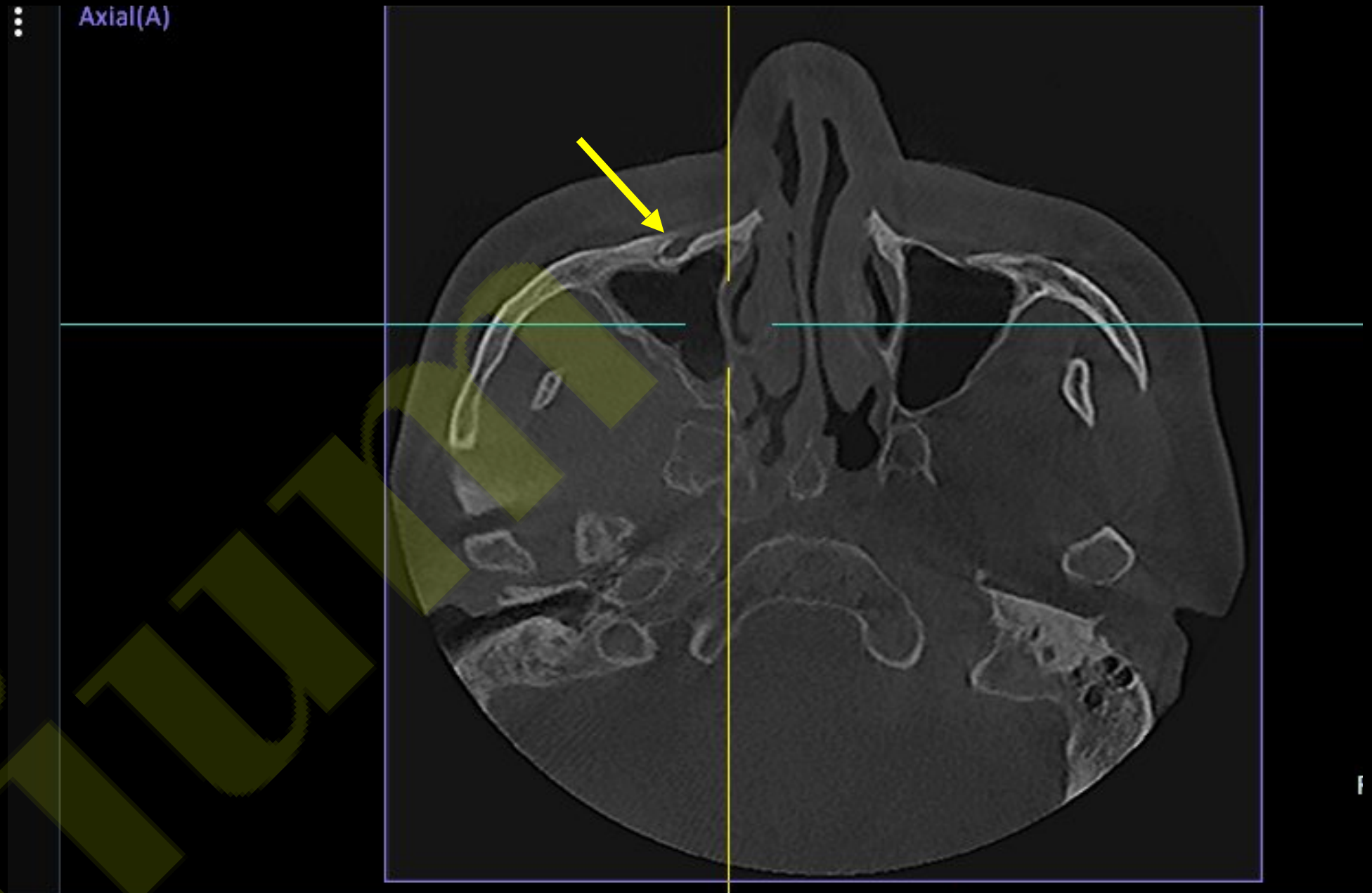
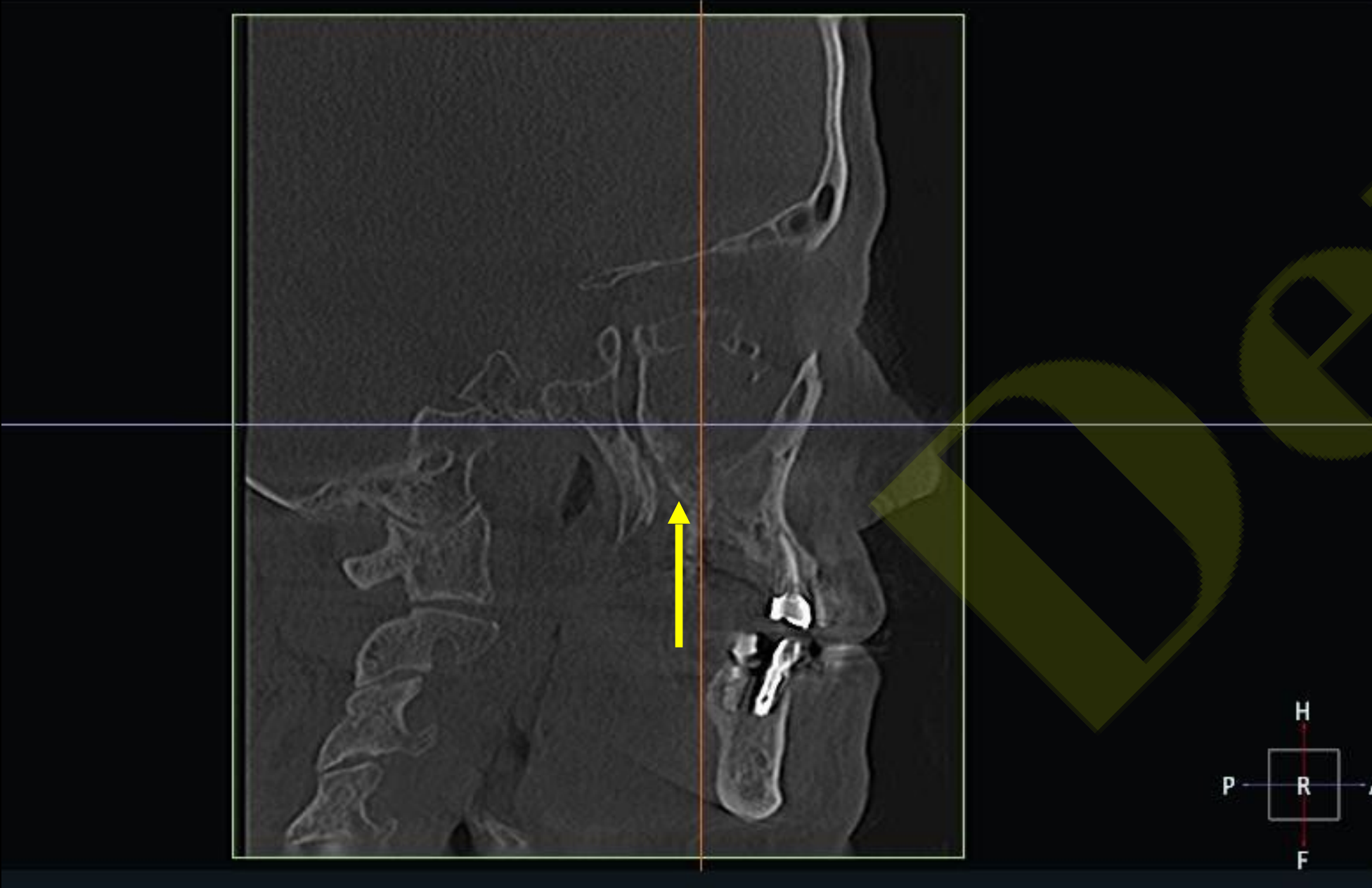
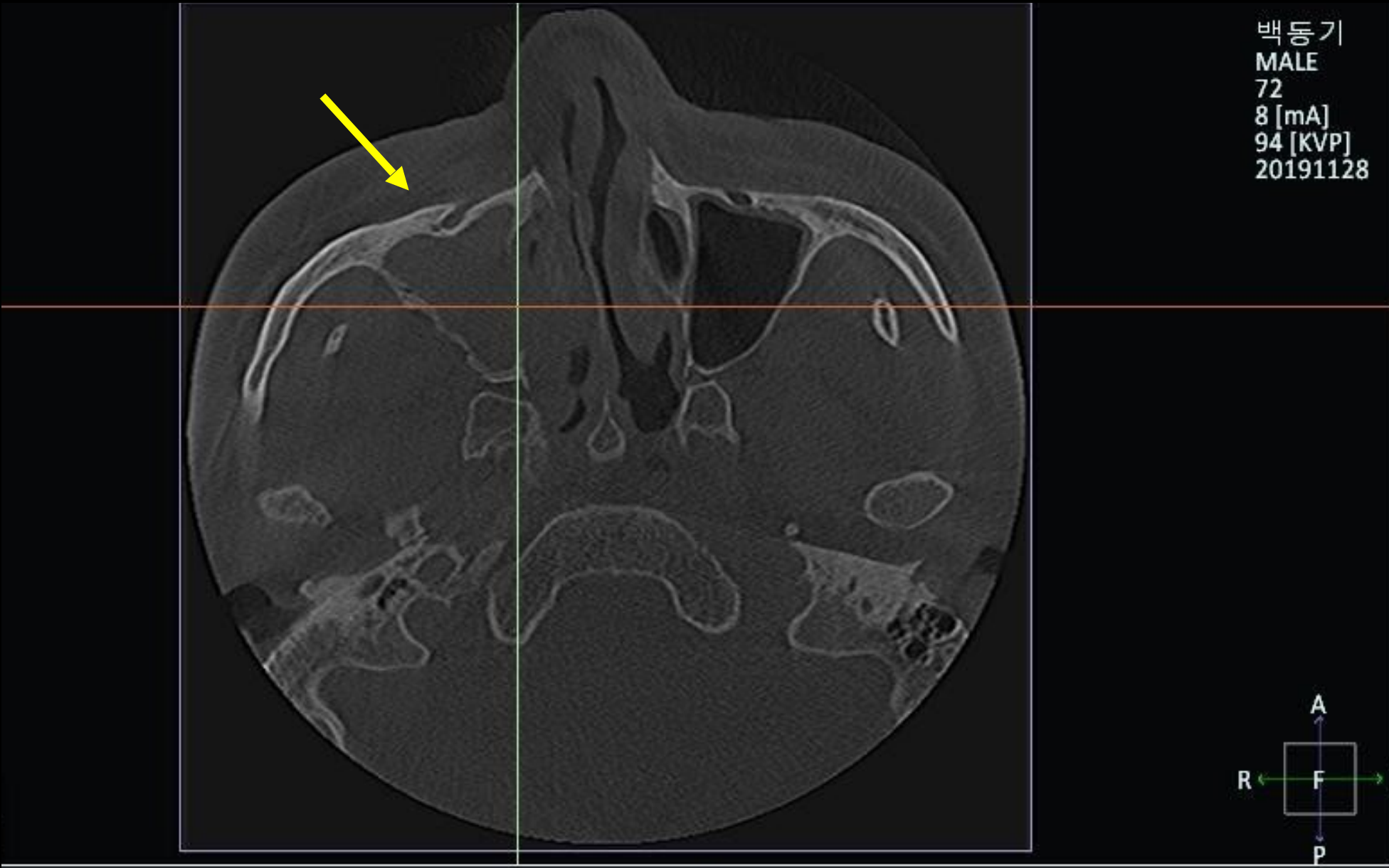
#15

Follow up 1 year 6 months (2023-06-29)



Pre-op_Sinusitis (2019-11-28)

Follow up CT : 3 year 3 months (2023-12-14)



Follow up CT : 3 year 3 months (2023-12-14)



#17

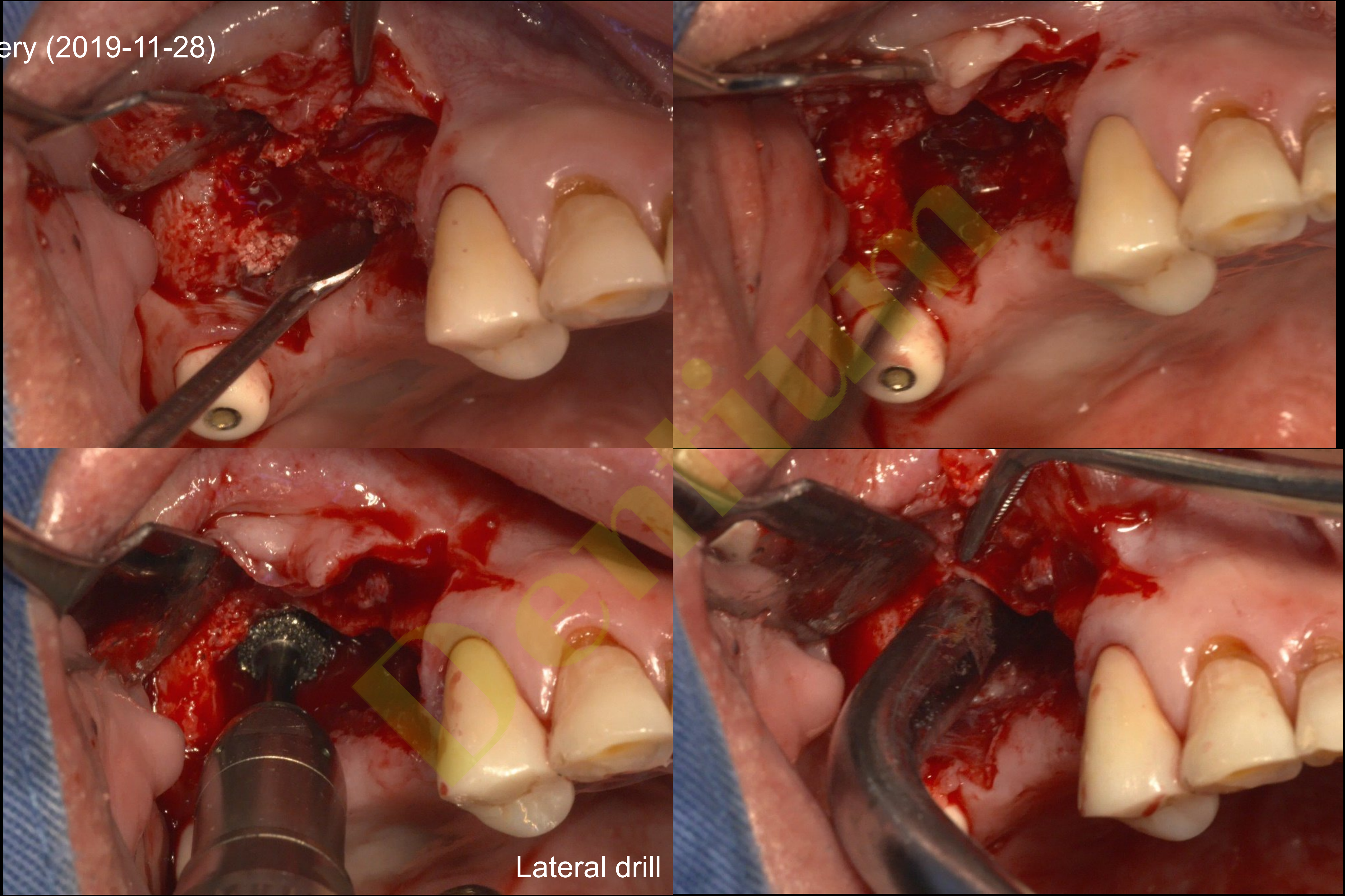


#16 Sinus area



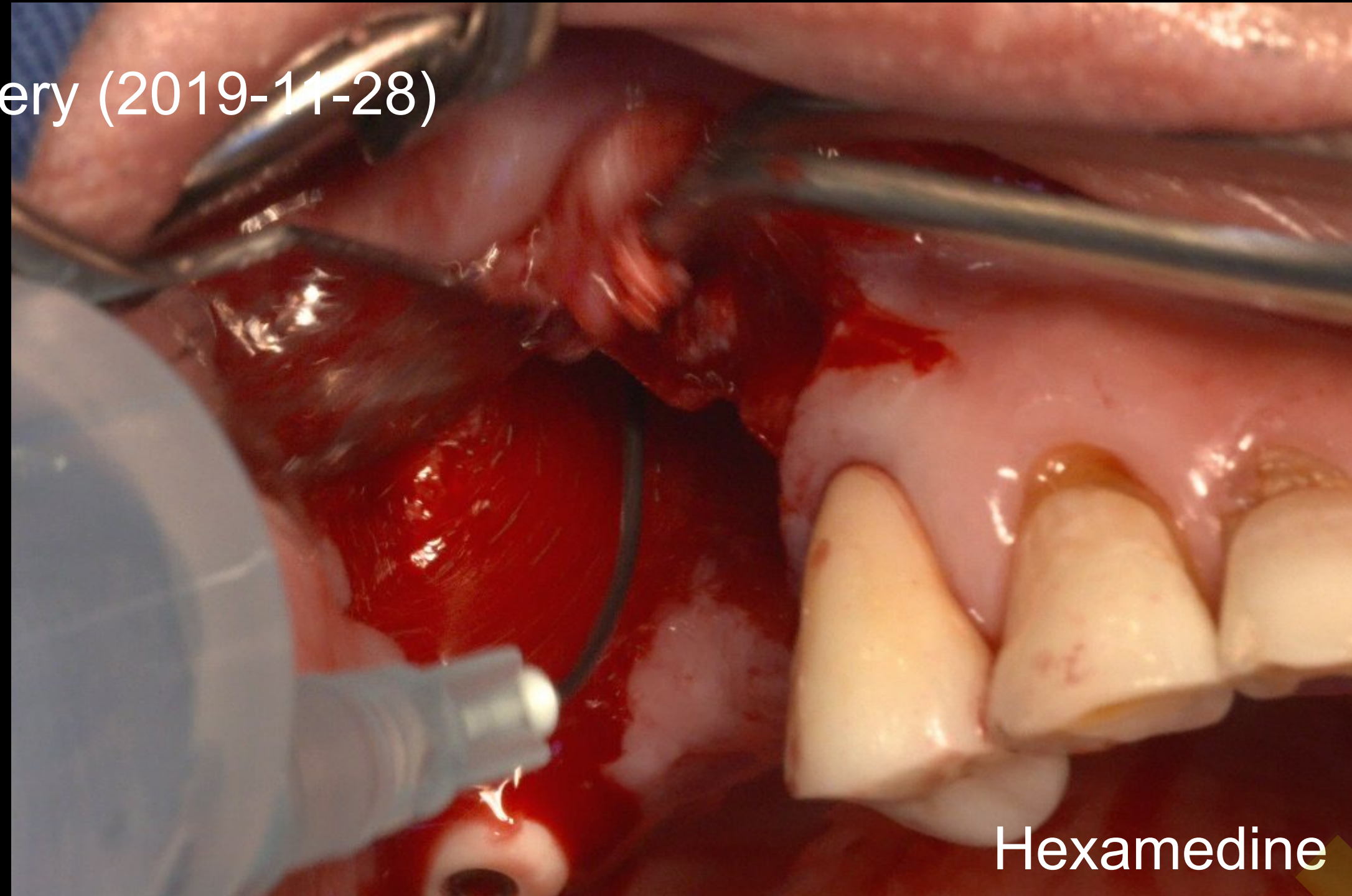
#15

Surgery (2019-11-28)

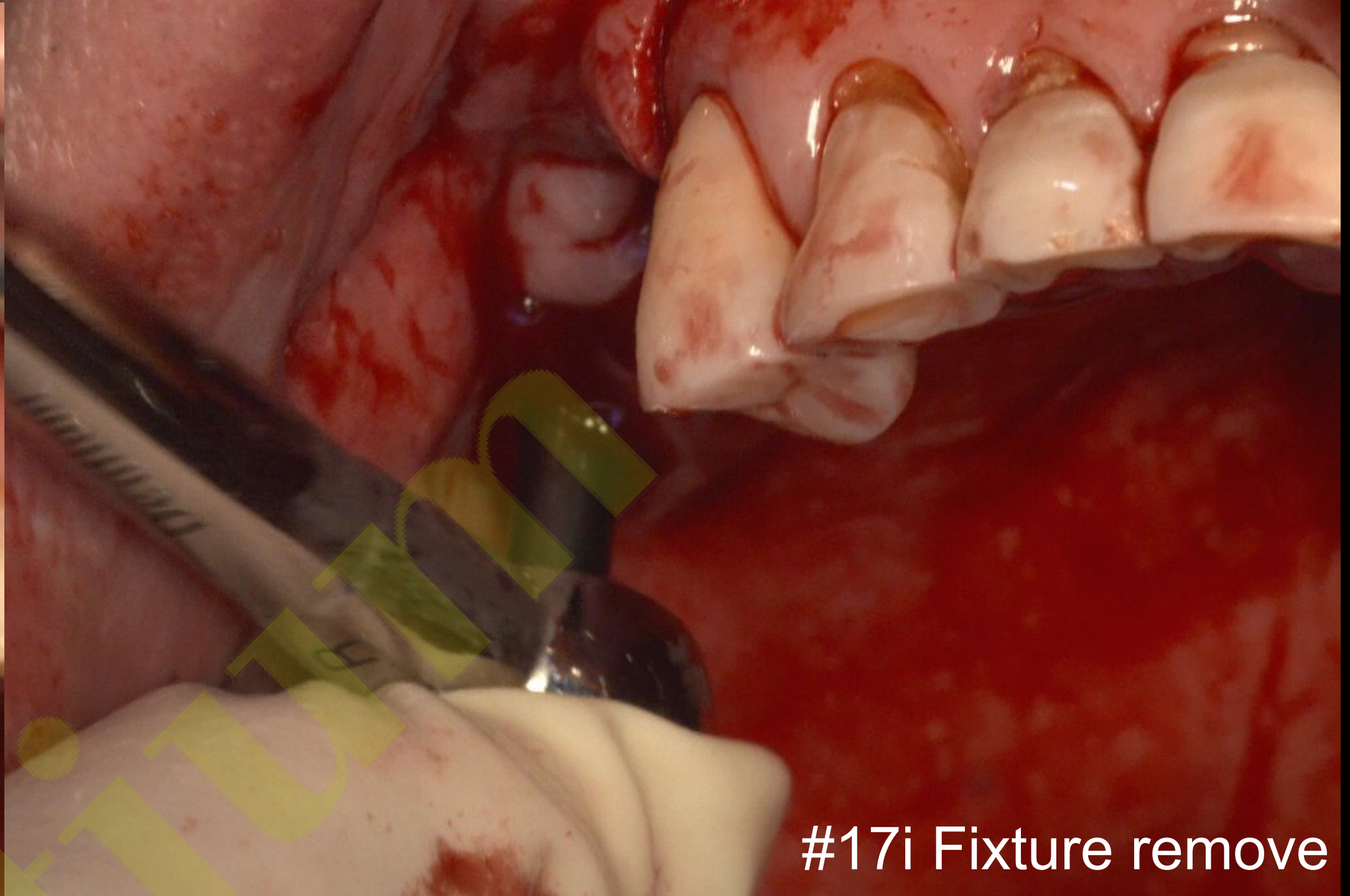


Lateral drill

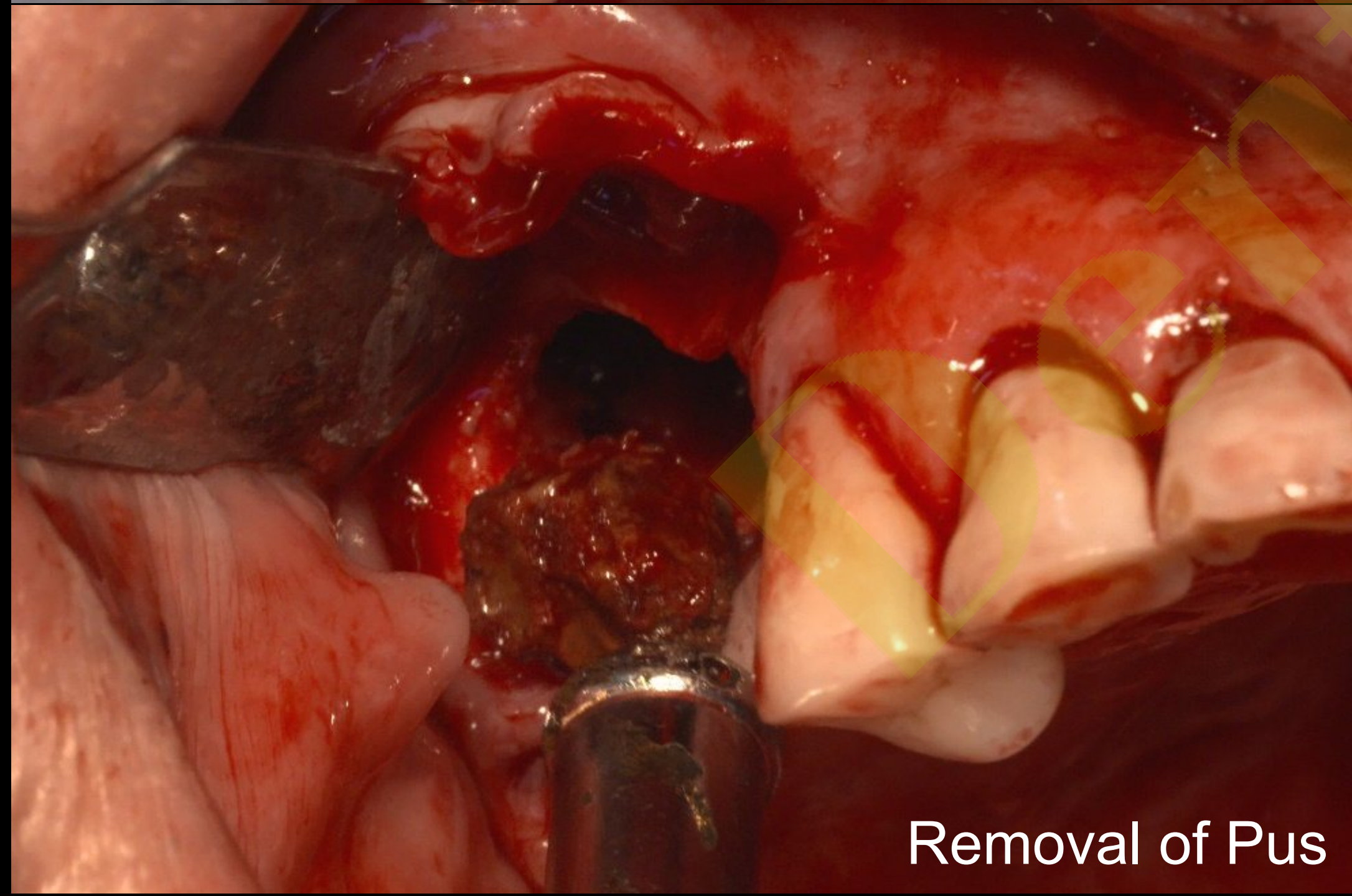
Surgery (2019-11-28)



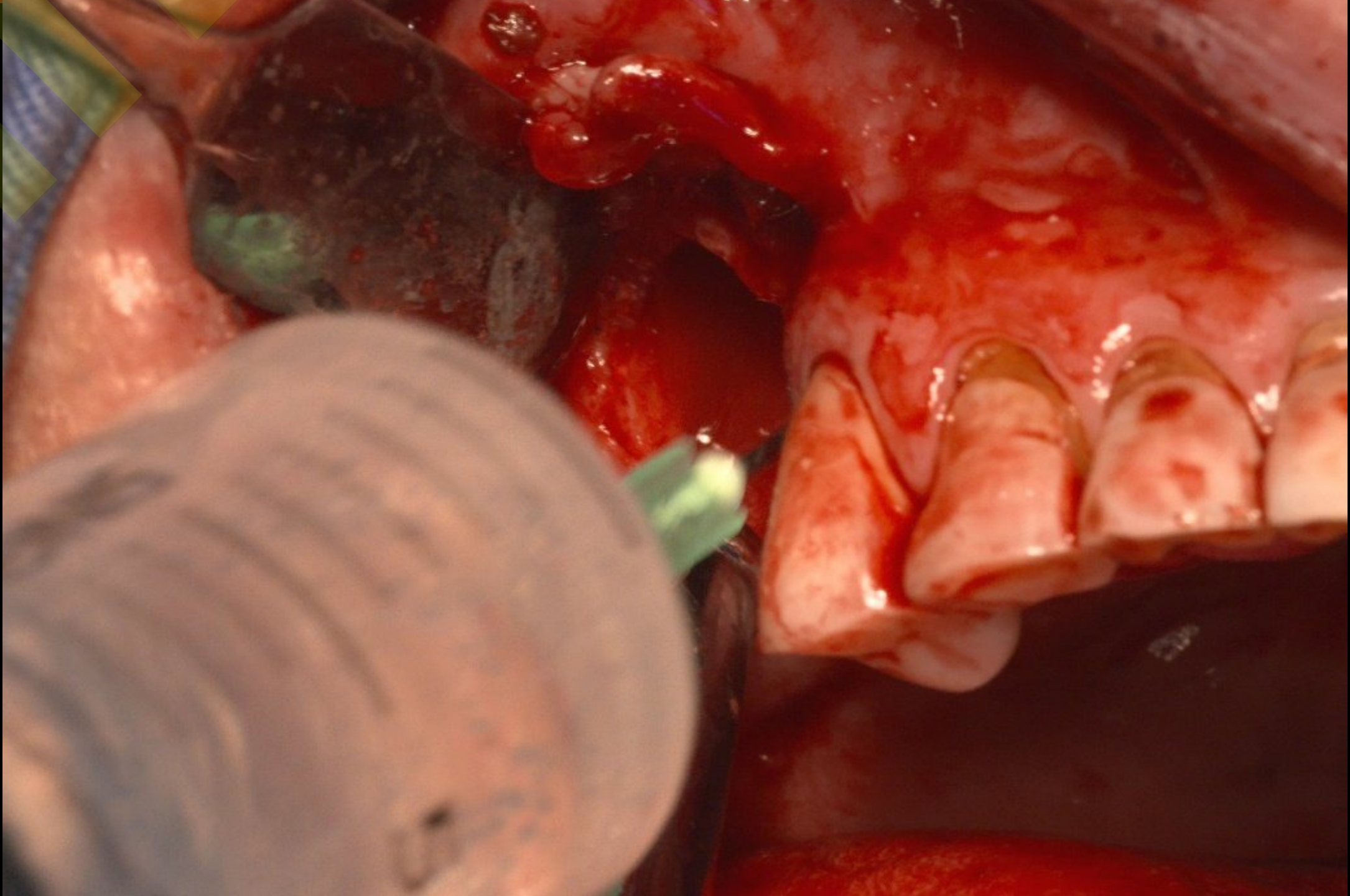
Hexamedine



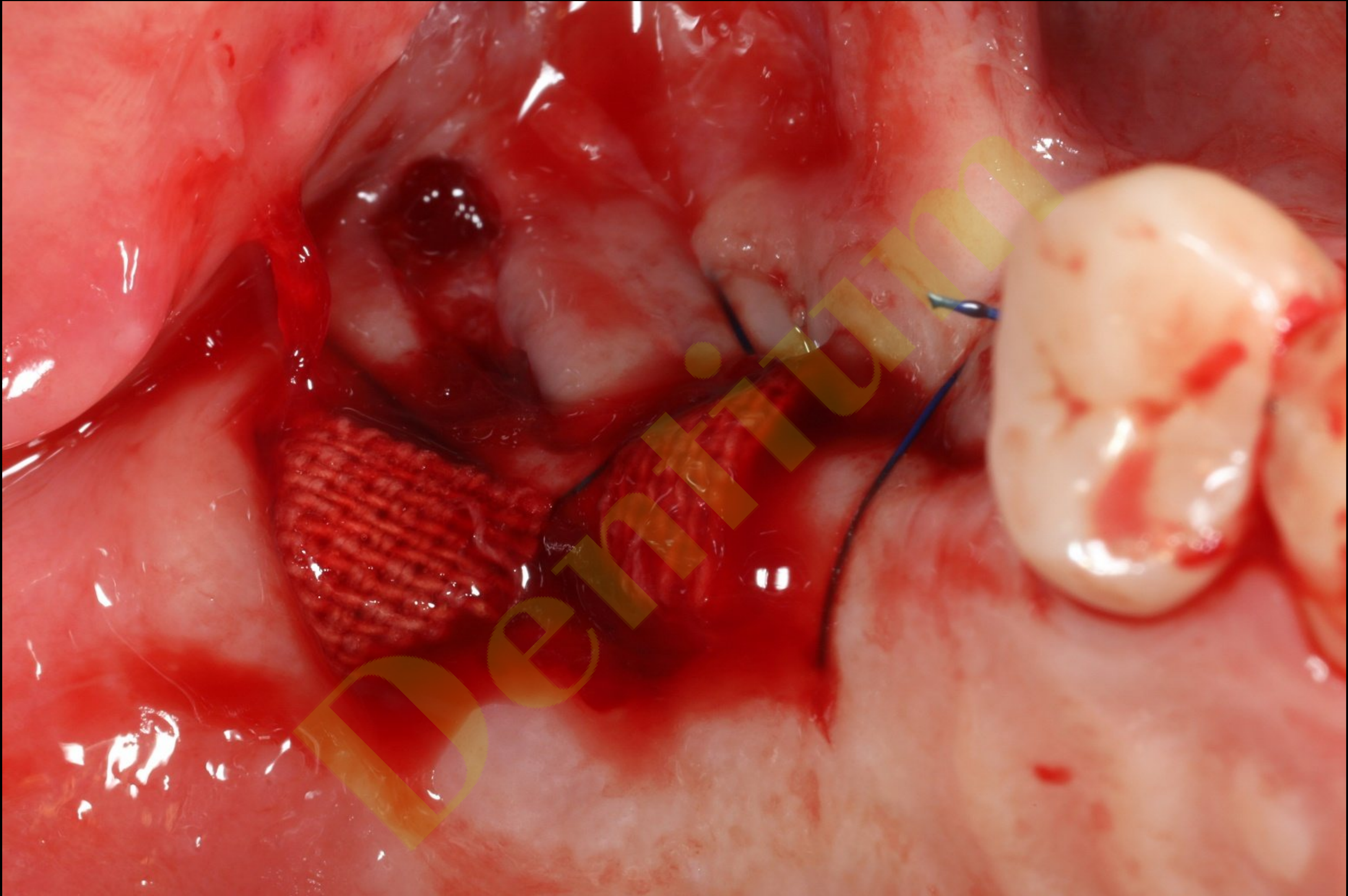
#17i Fixture remove



Removal of Pus



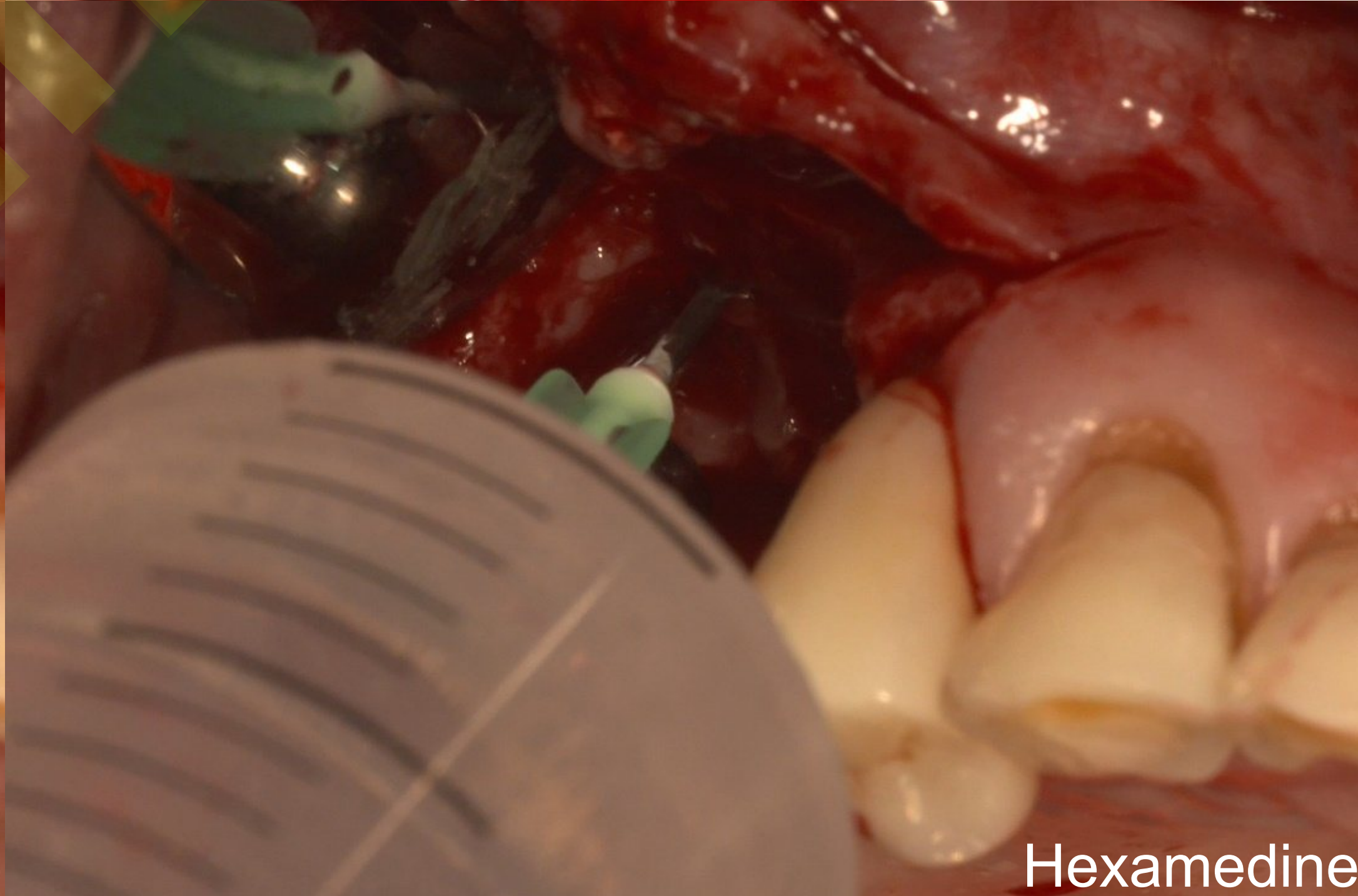
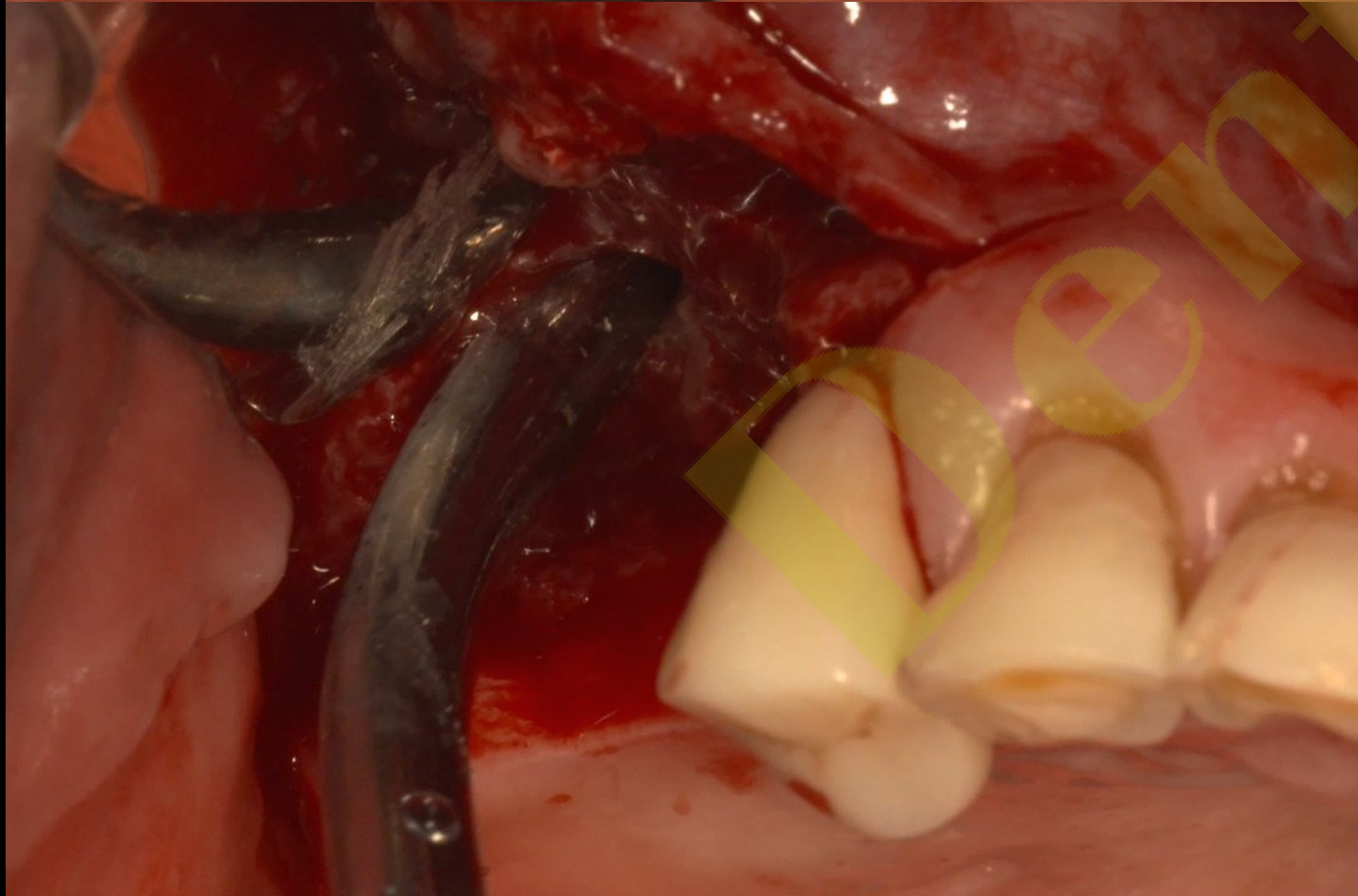
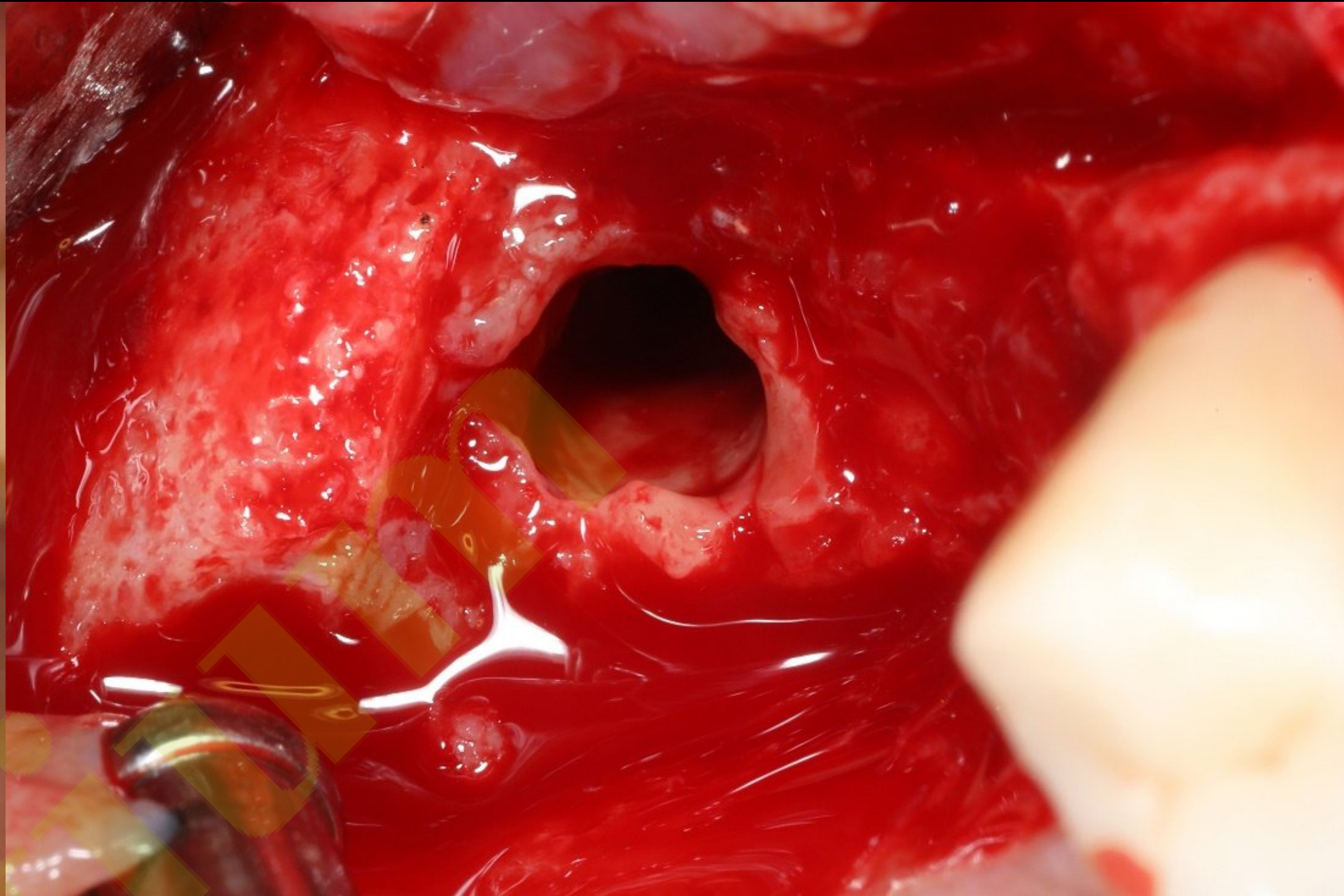
Post-op (2019-11-28)



Healing : 2 weeks (After Sinusitis treatment) (2019-12-12)

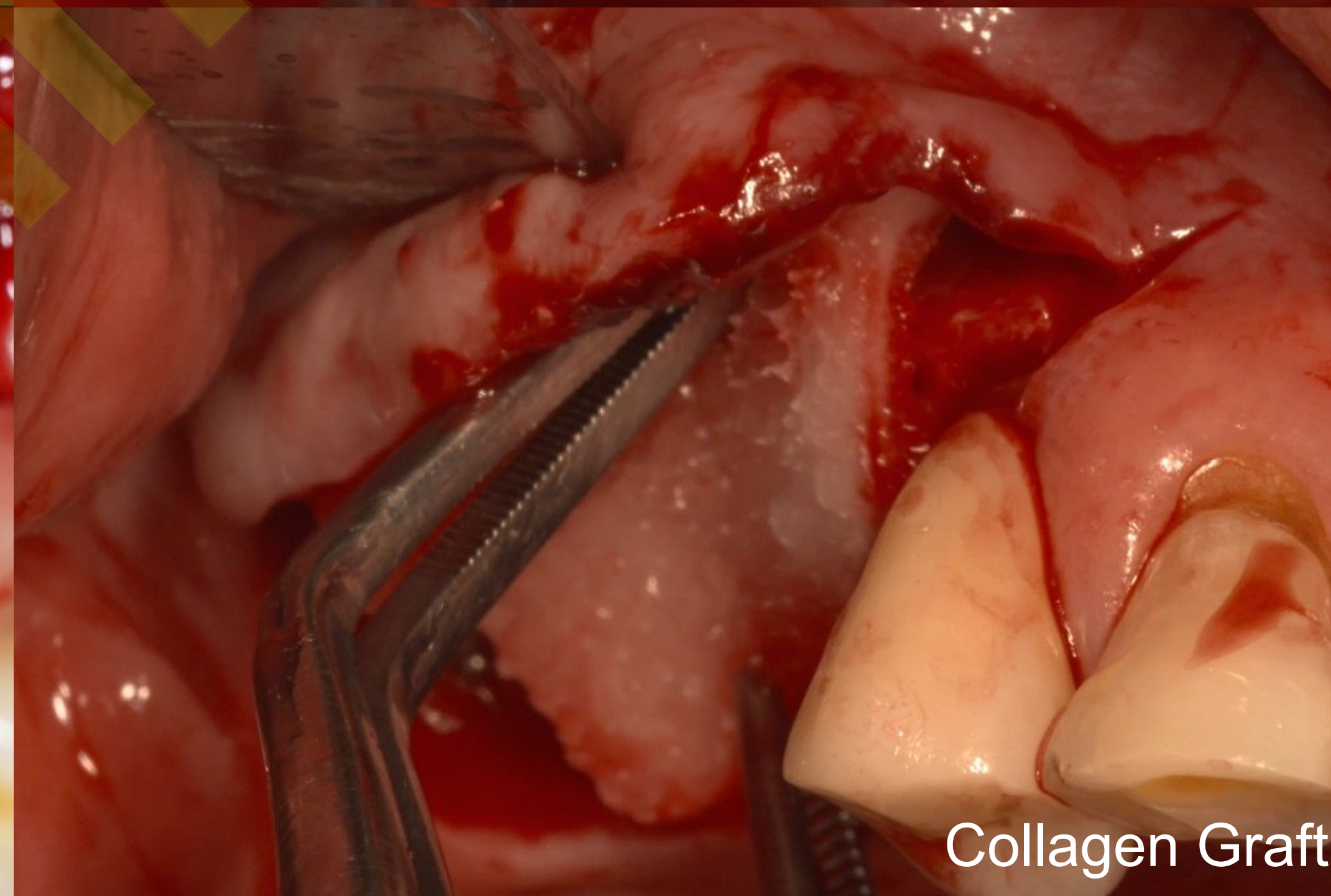
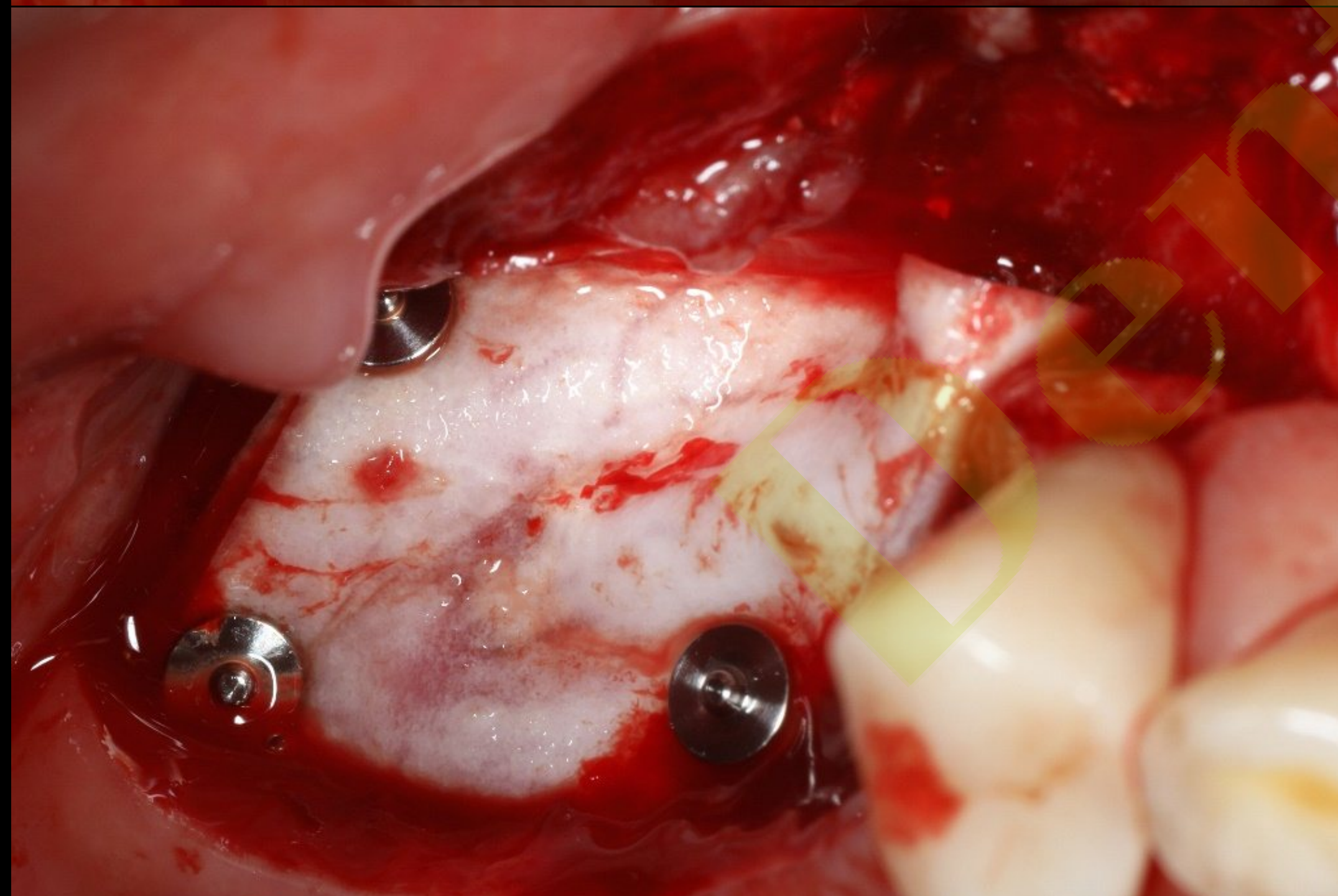
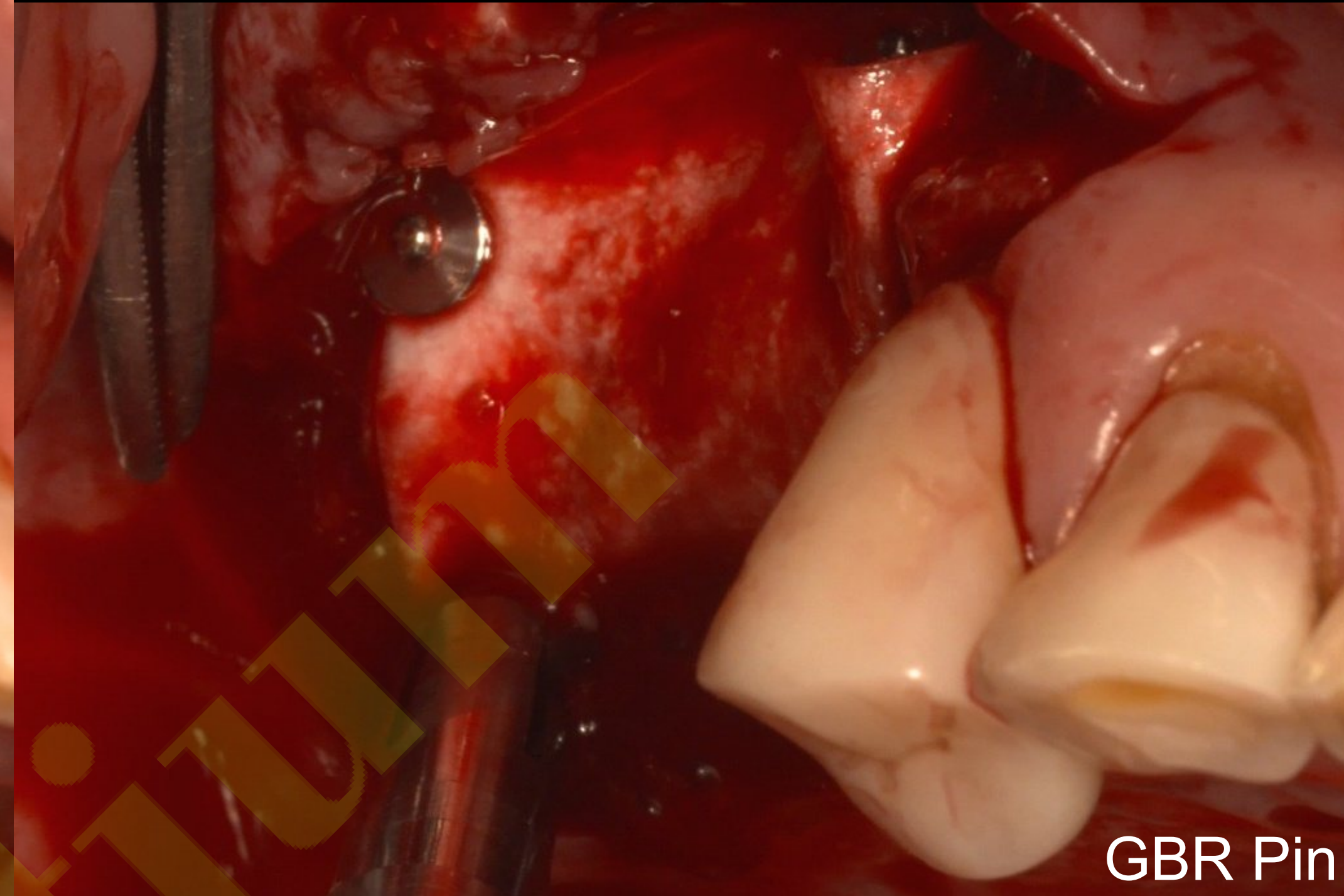
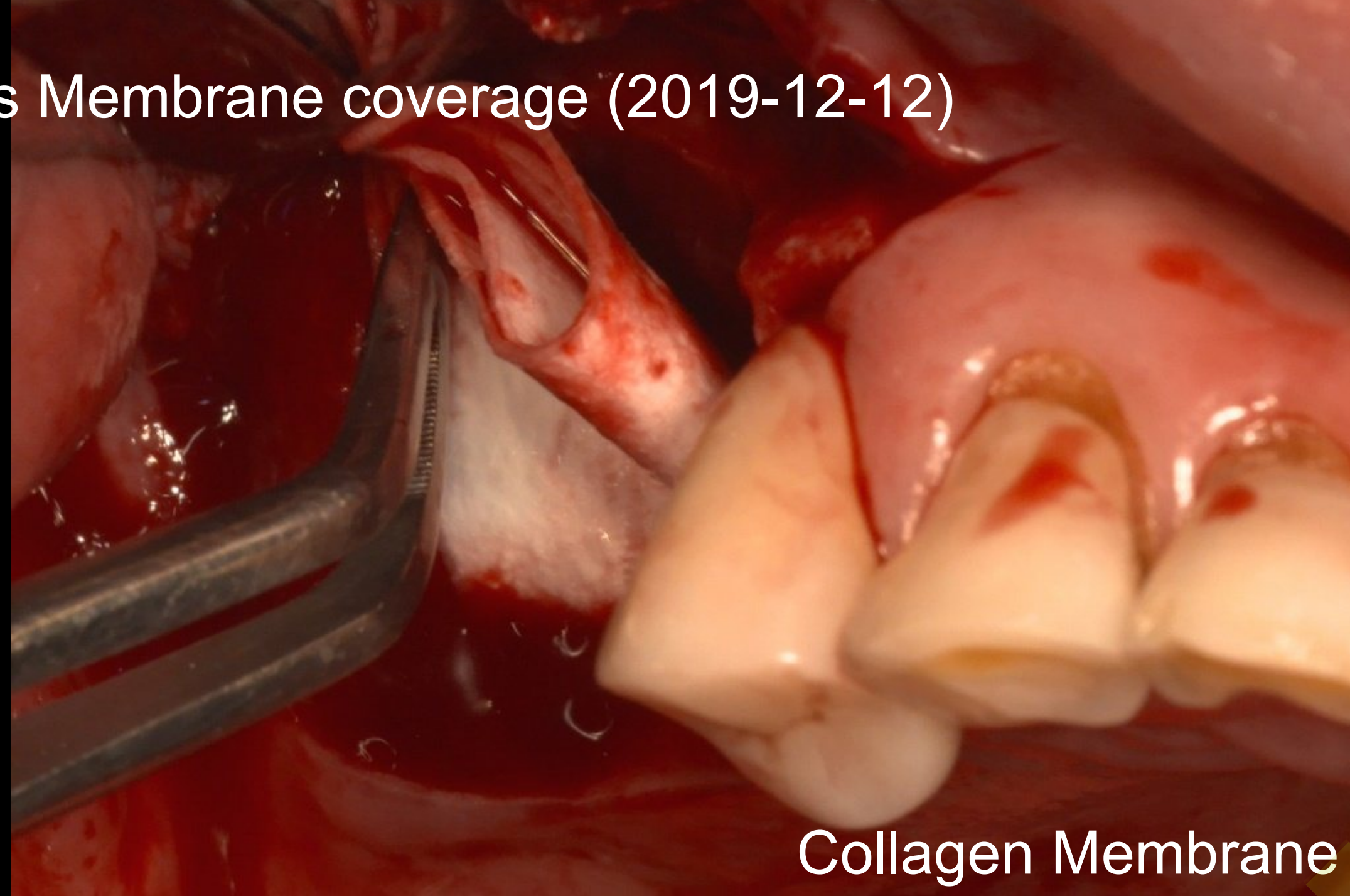


Sinus Membrane coverage (2019-12-12)

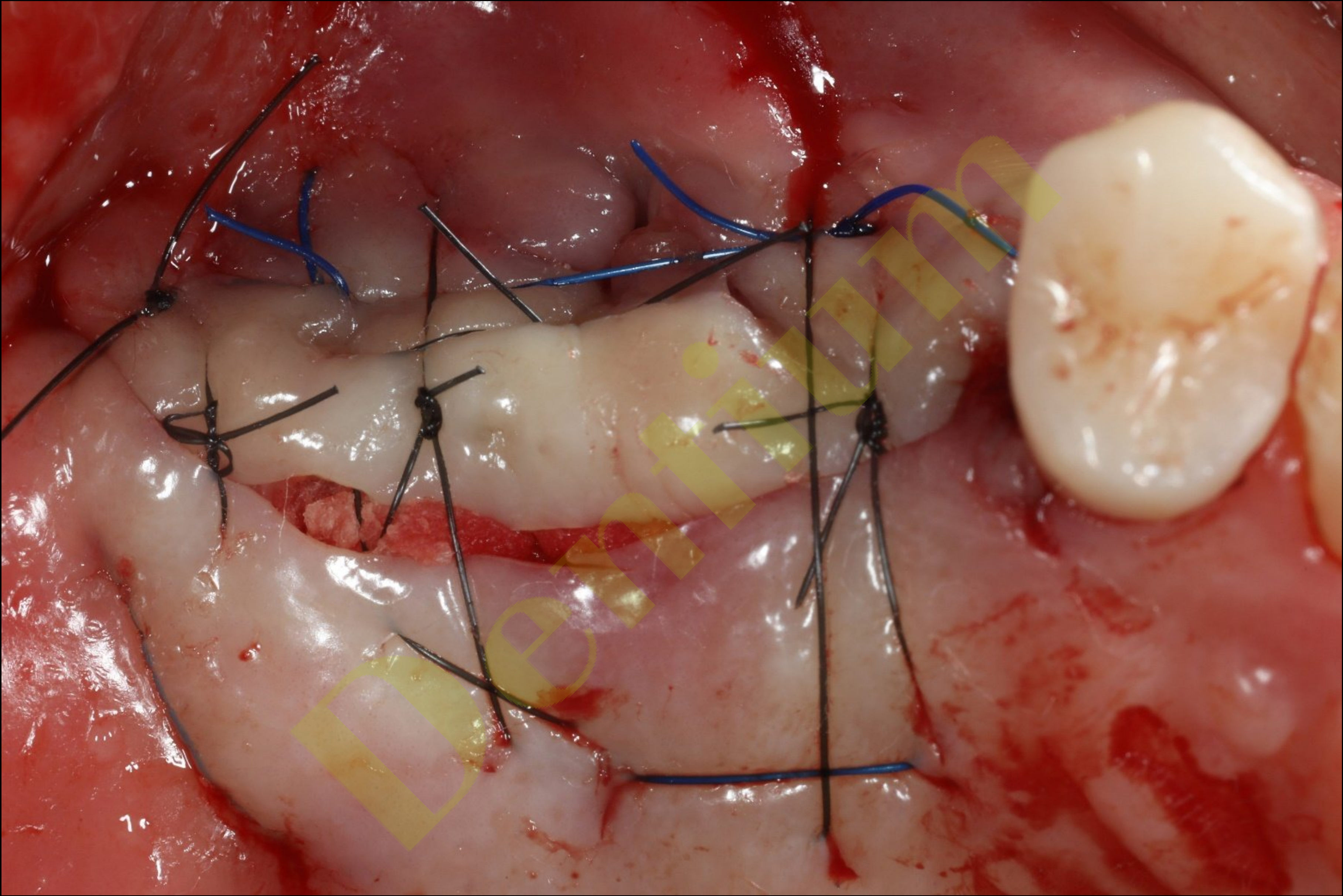


Hexamedine

Sinus Membrane coverage (2019-12-12)



Sinus Membrane coverage (2019-12-12)



Healing : 3 weeks (2020-01-02)



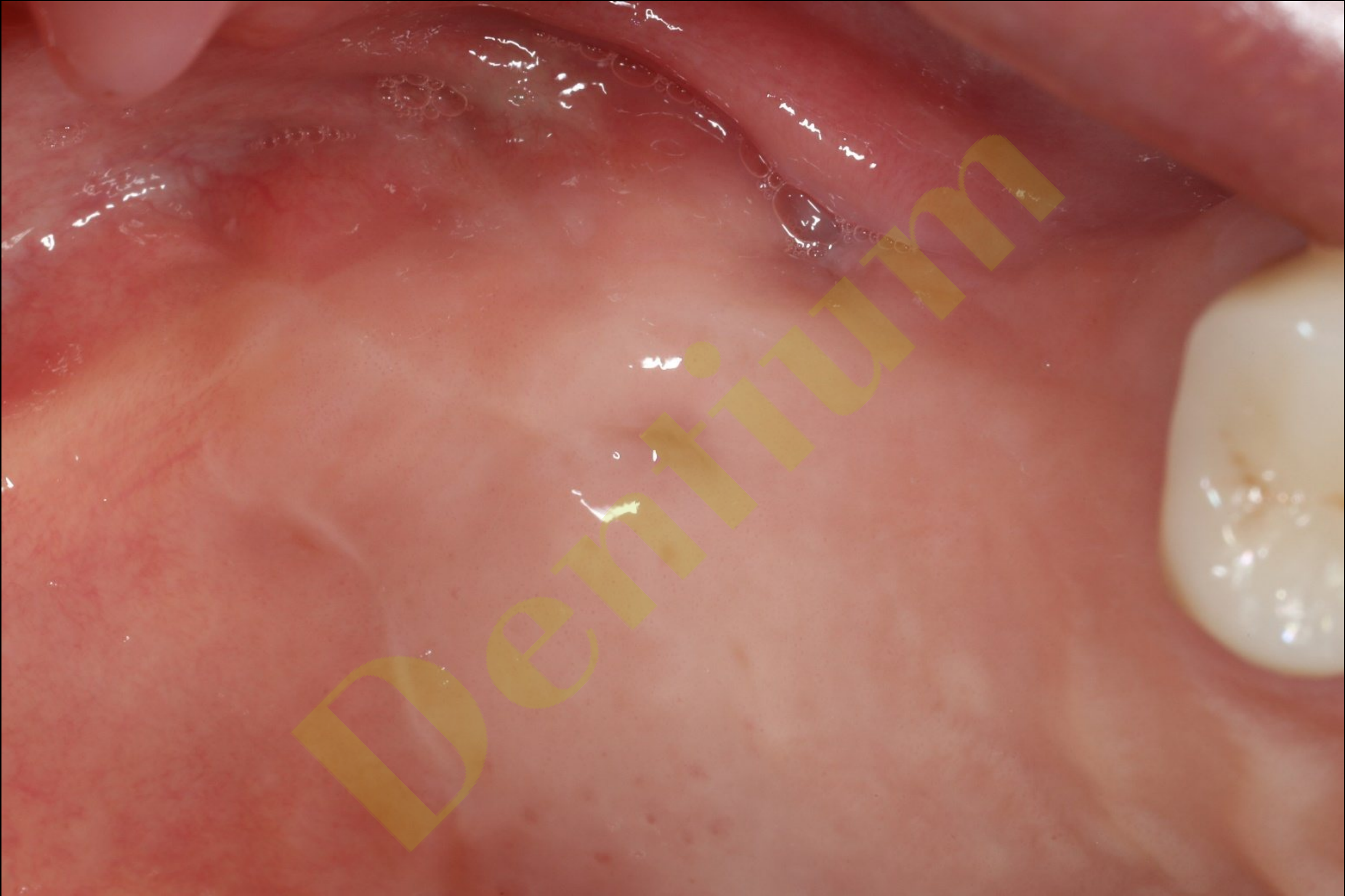
Healing : 1 month (2020-01-16)



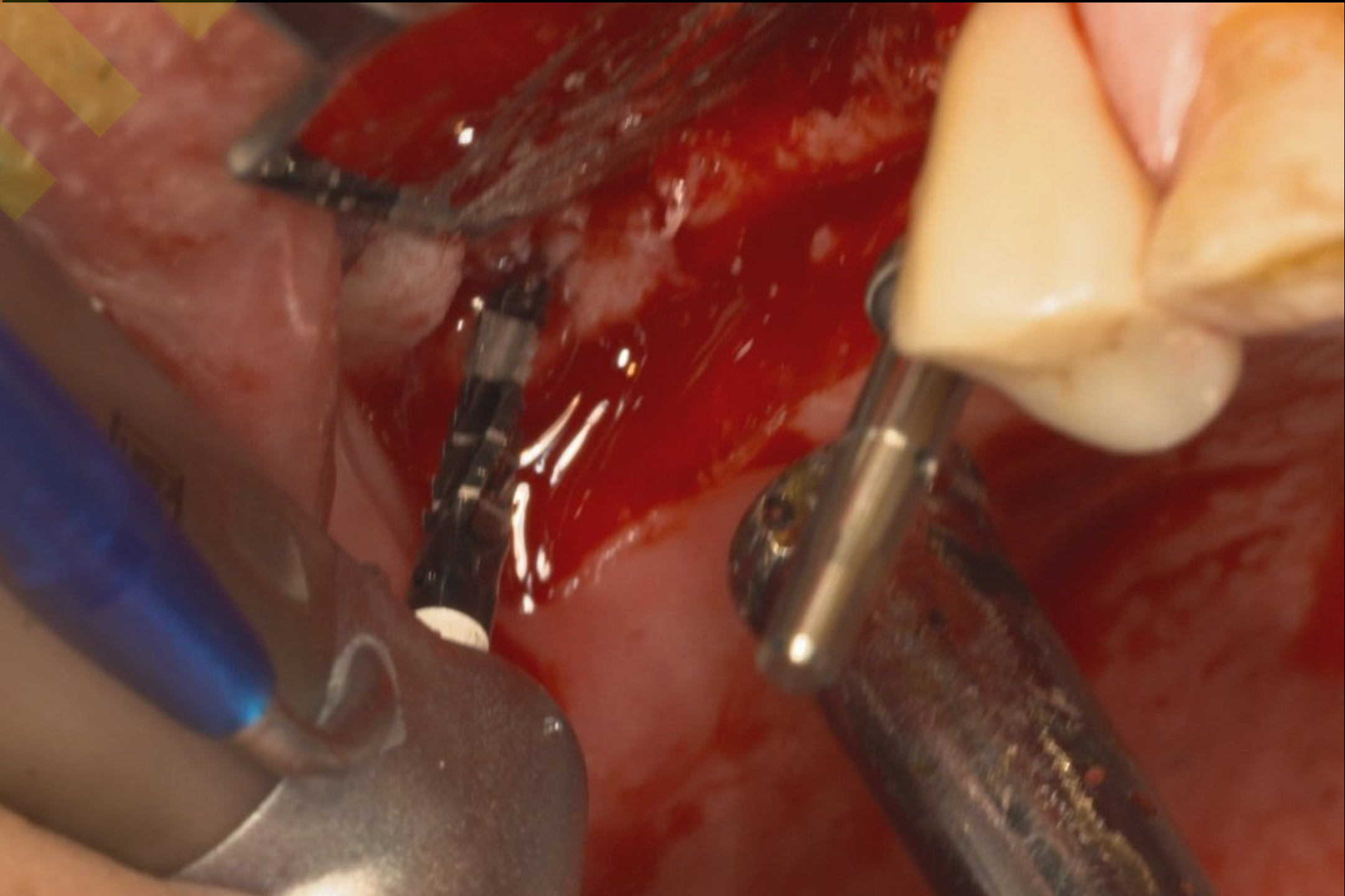
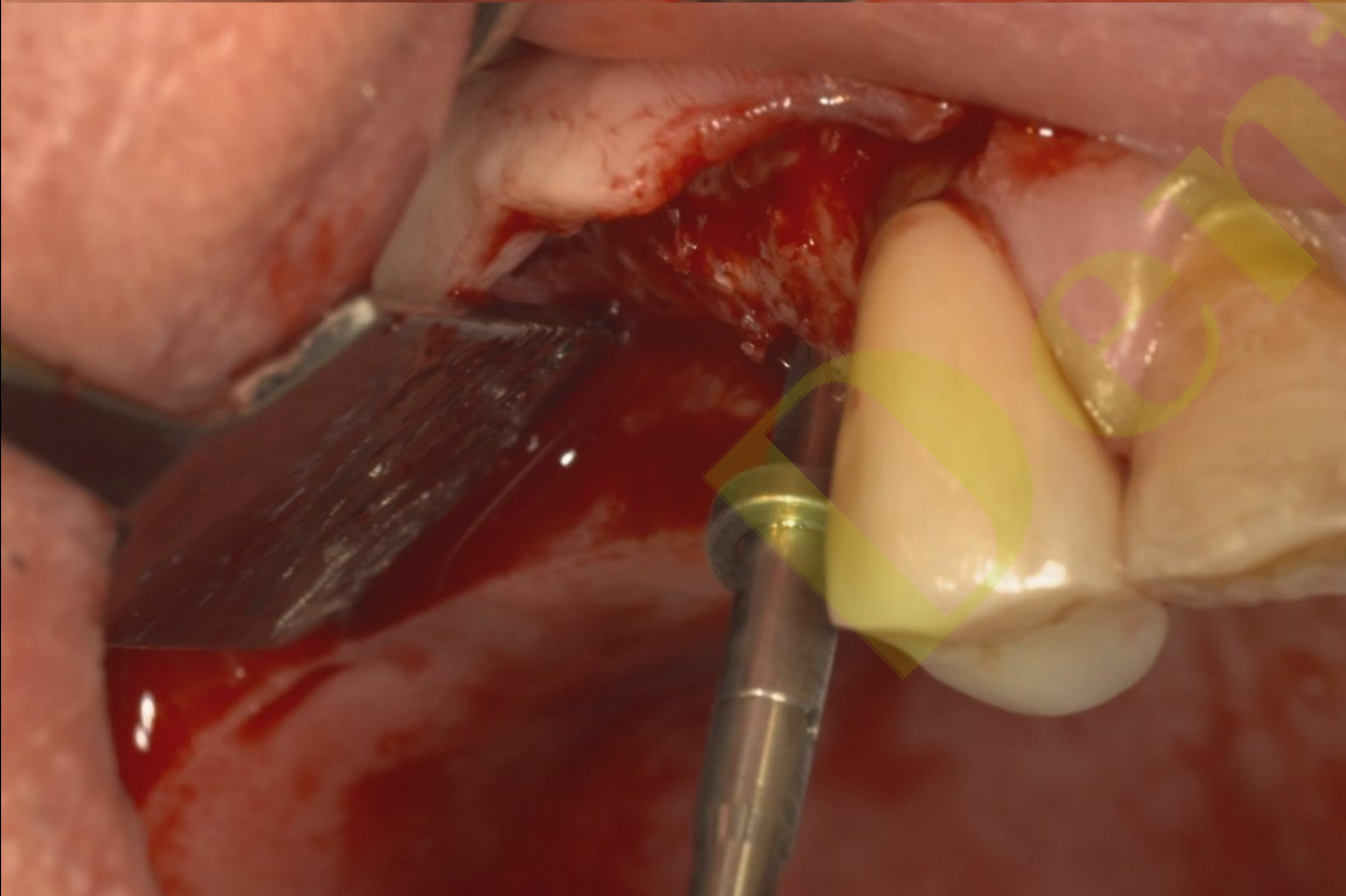
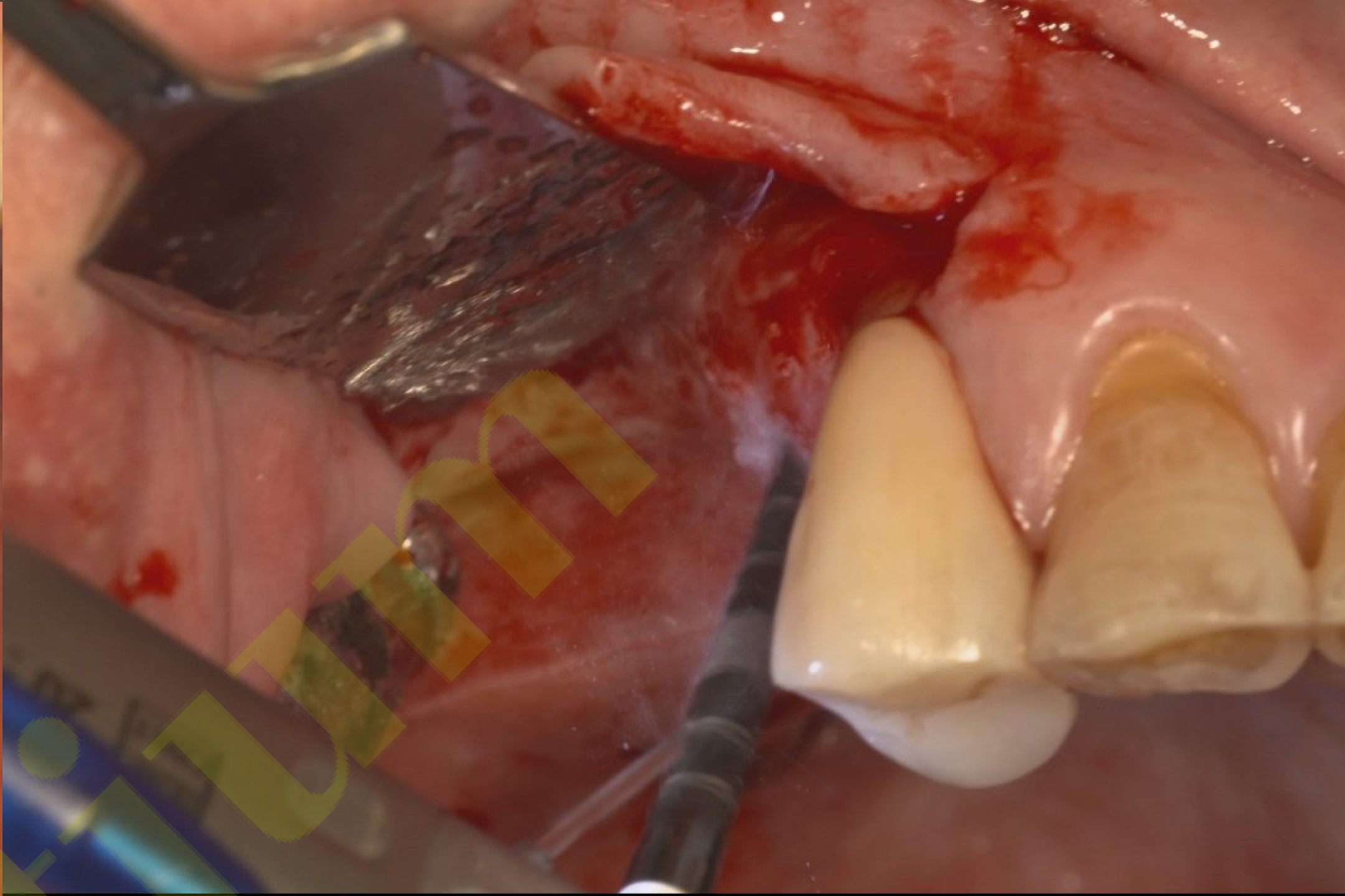
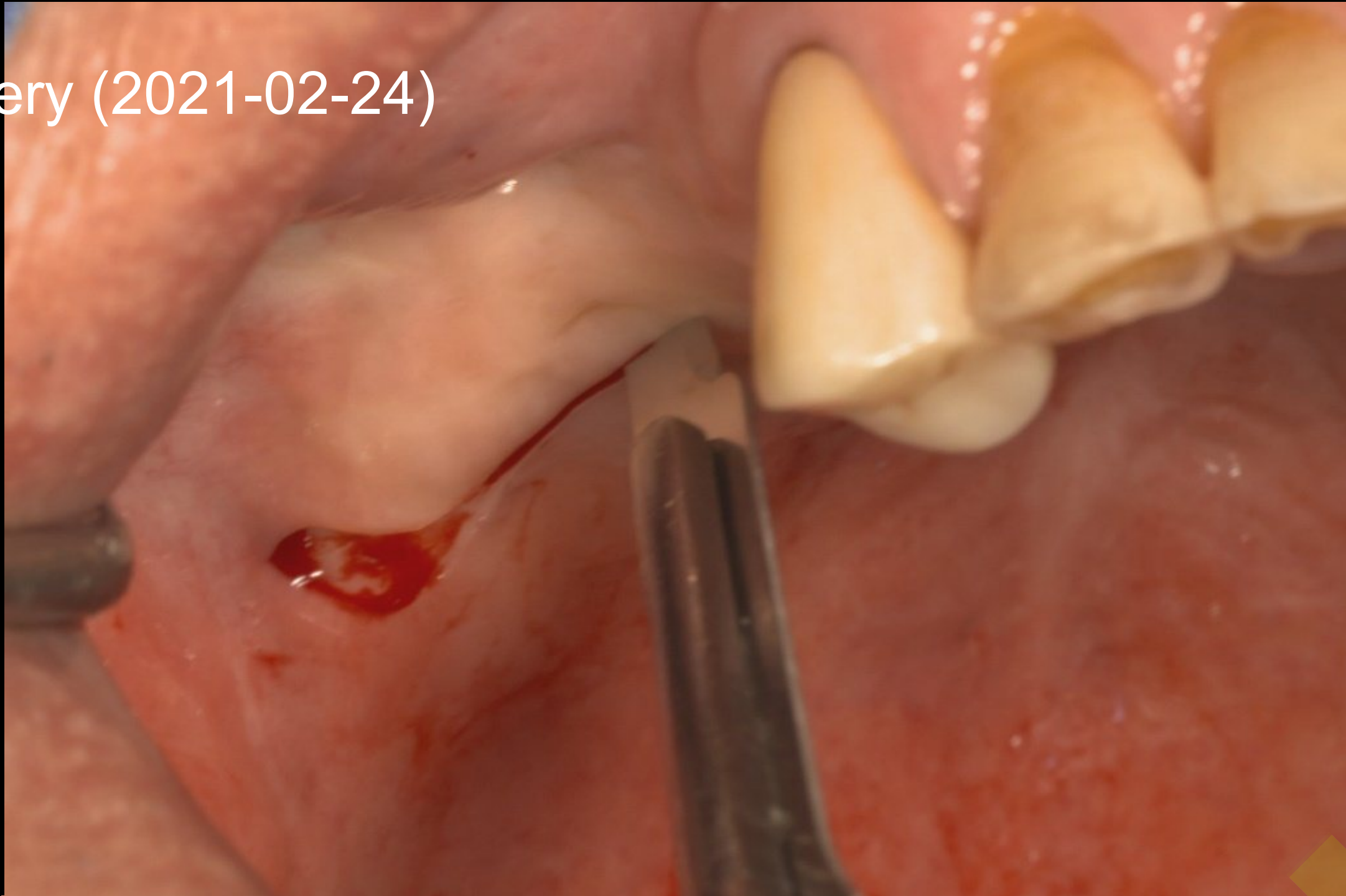
Healing : 2 months (2020-02-10)



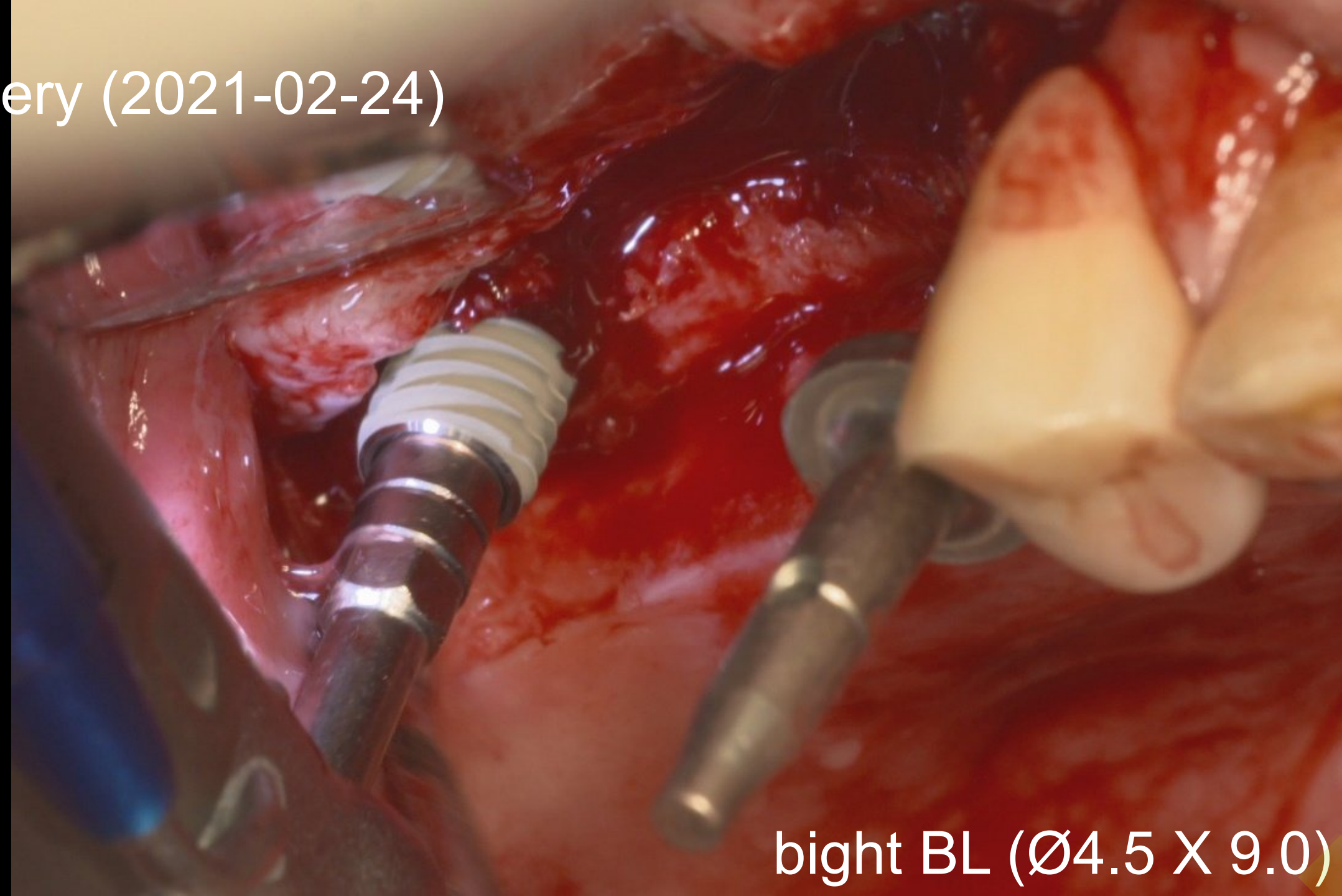
Healing : 10 months (2020-10-15)



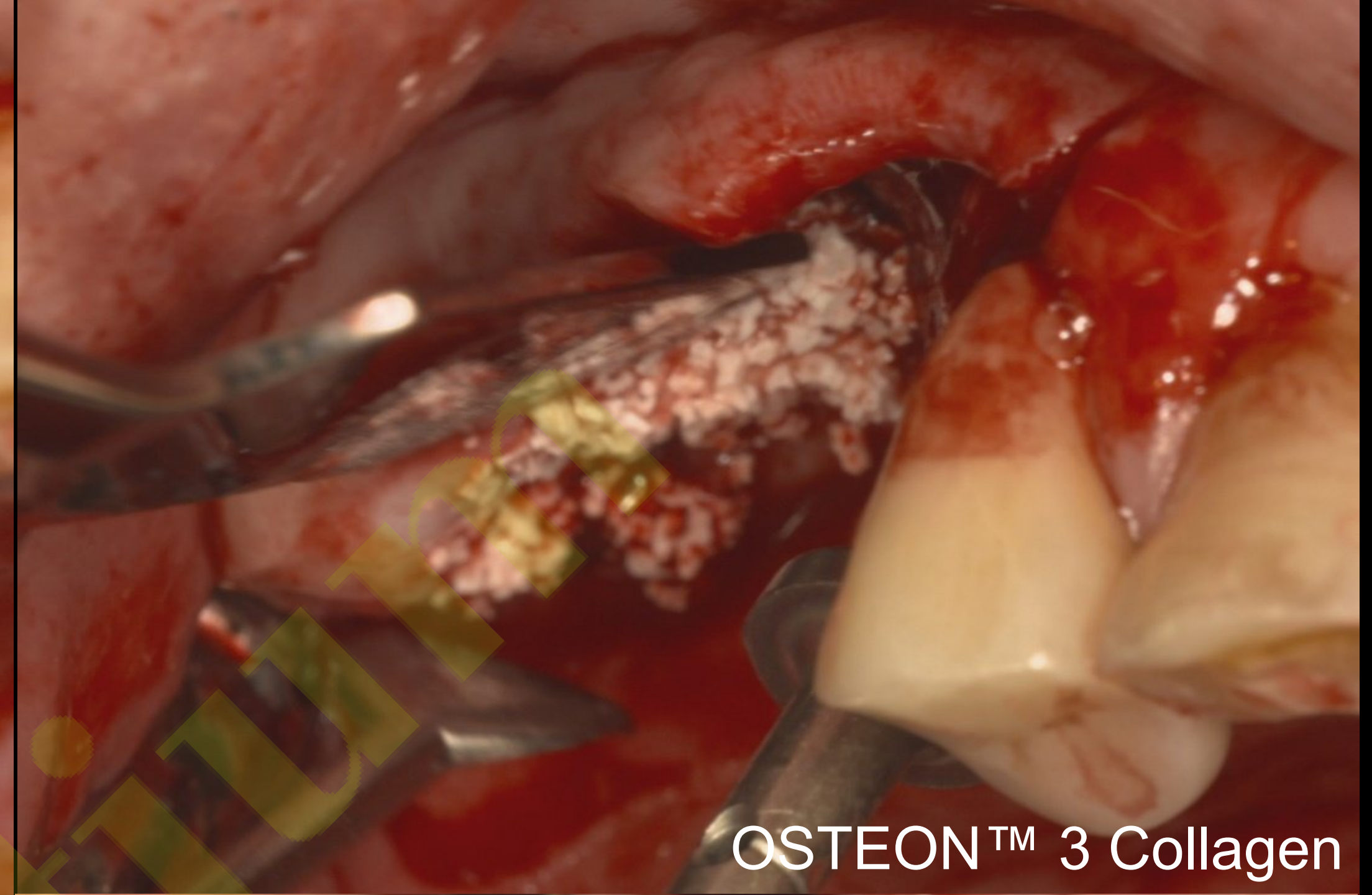
Surgery (2021-02-24)



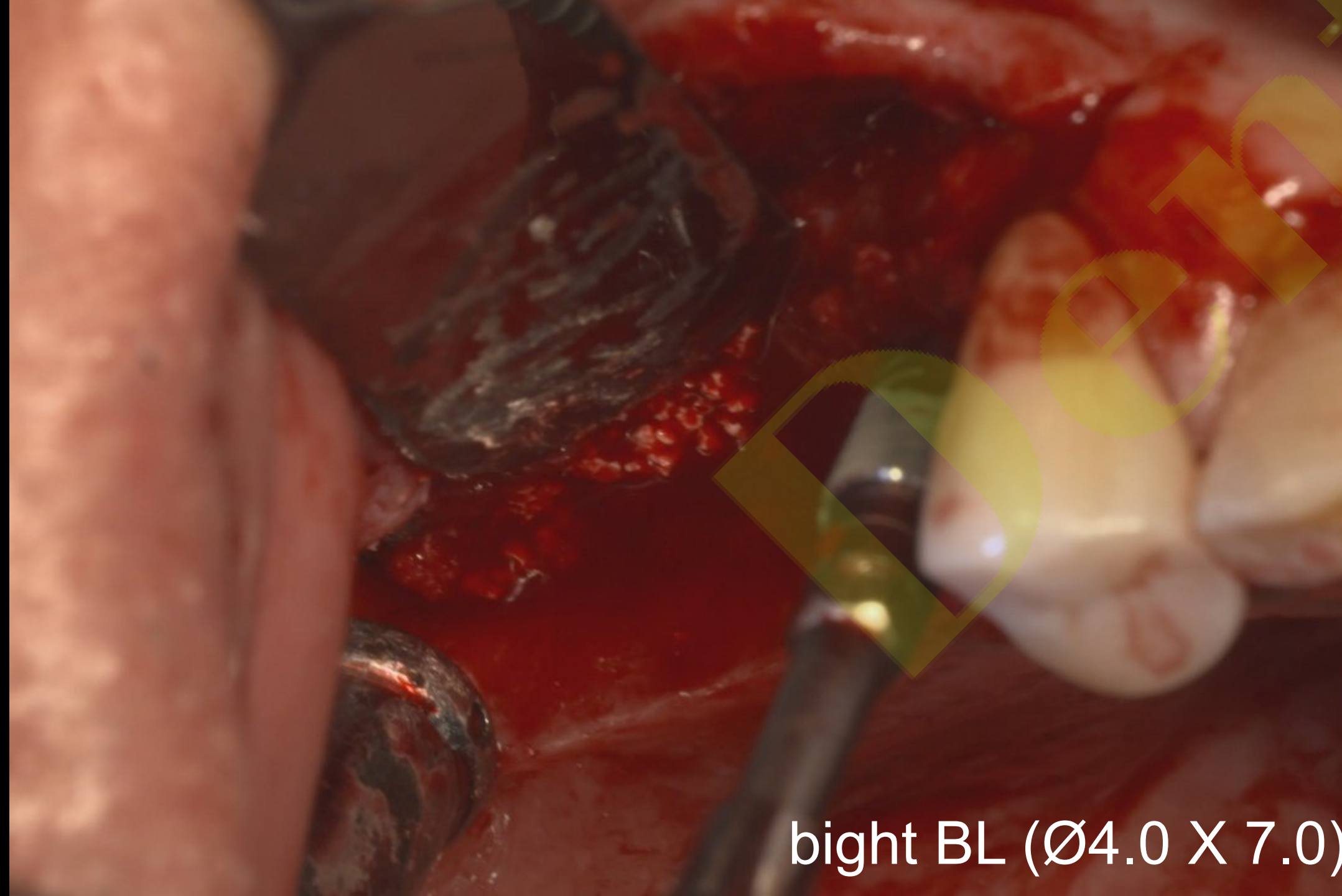
Surgery (2021-02-24)



bight BL (Ø4.5 X 9.0)



OSTEON™ 3 Collagen

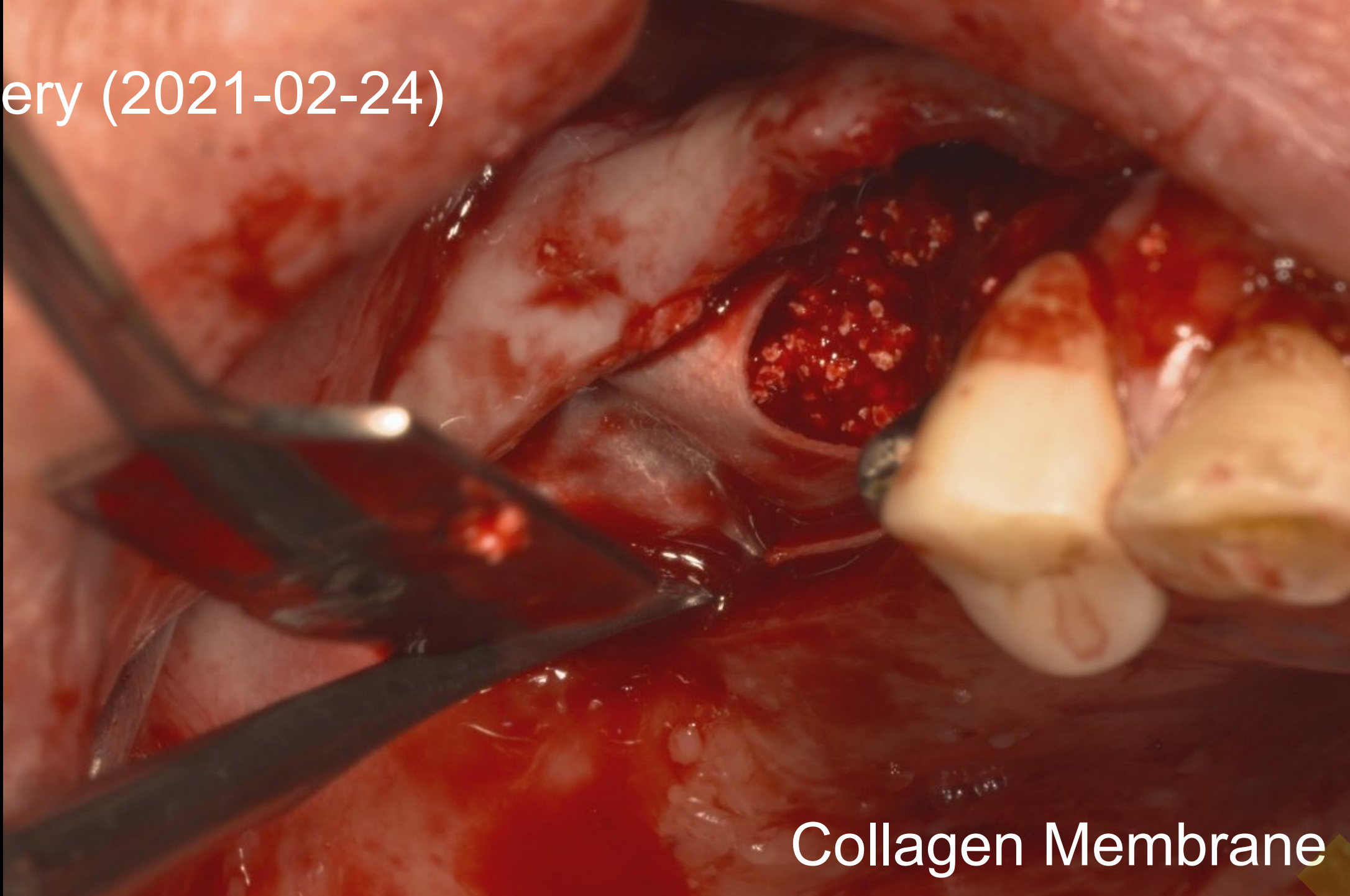


bight BL (Ø4.0 X 7.0)

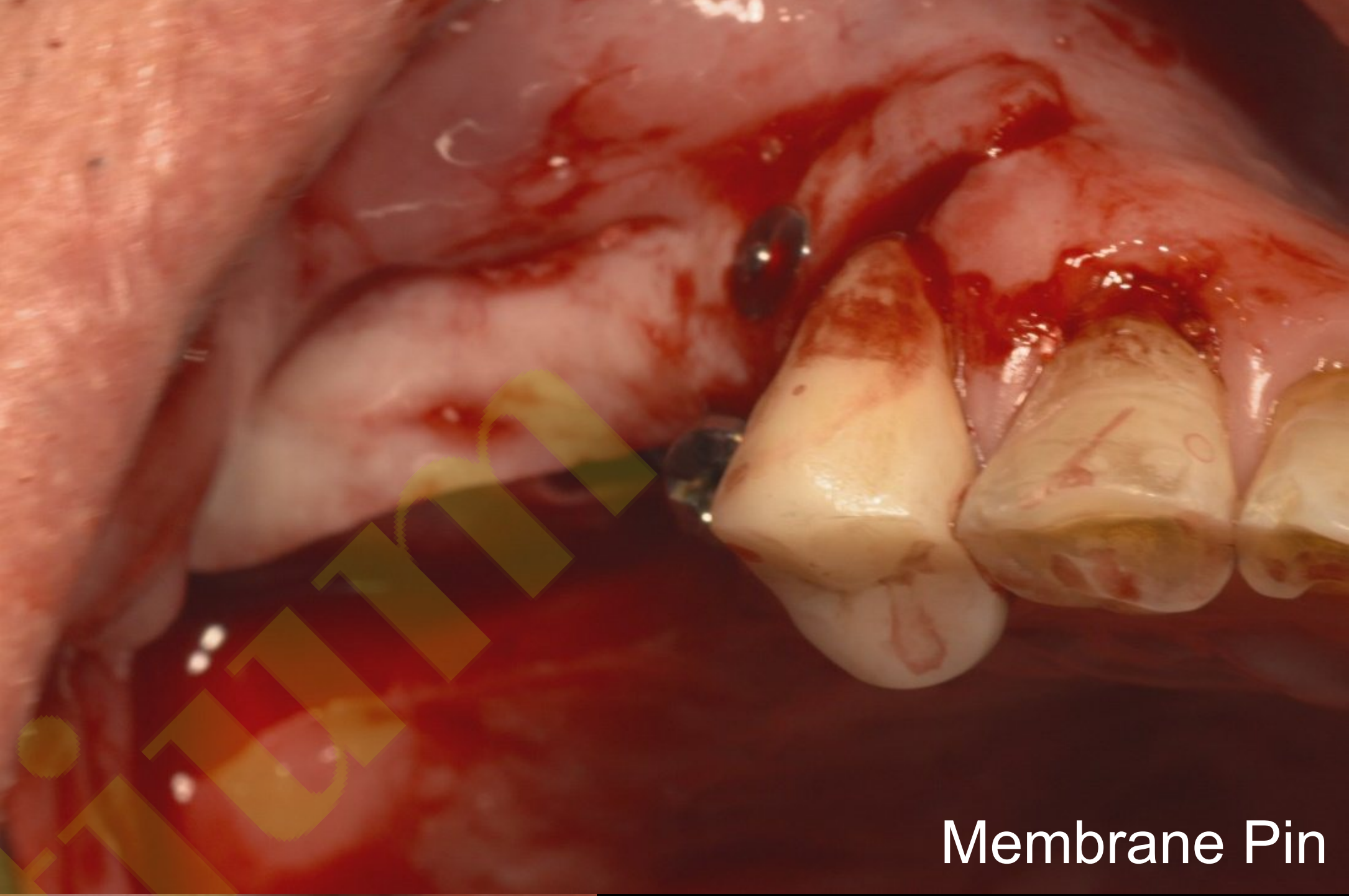


OSTEON™ 3 Collagen

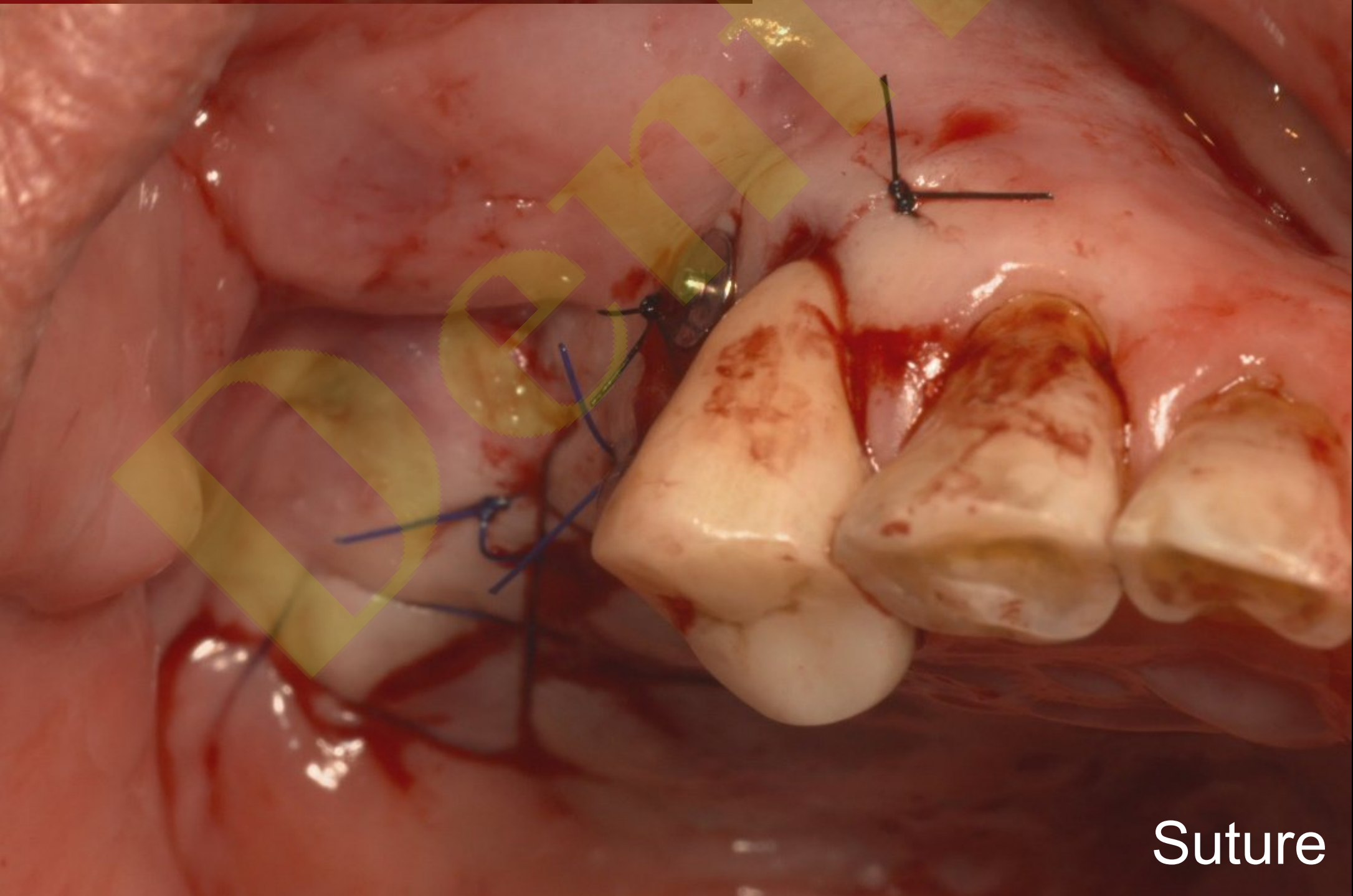
Surgery (2021-02-24)



Collagen Membrane

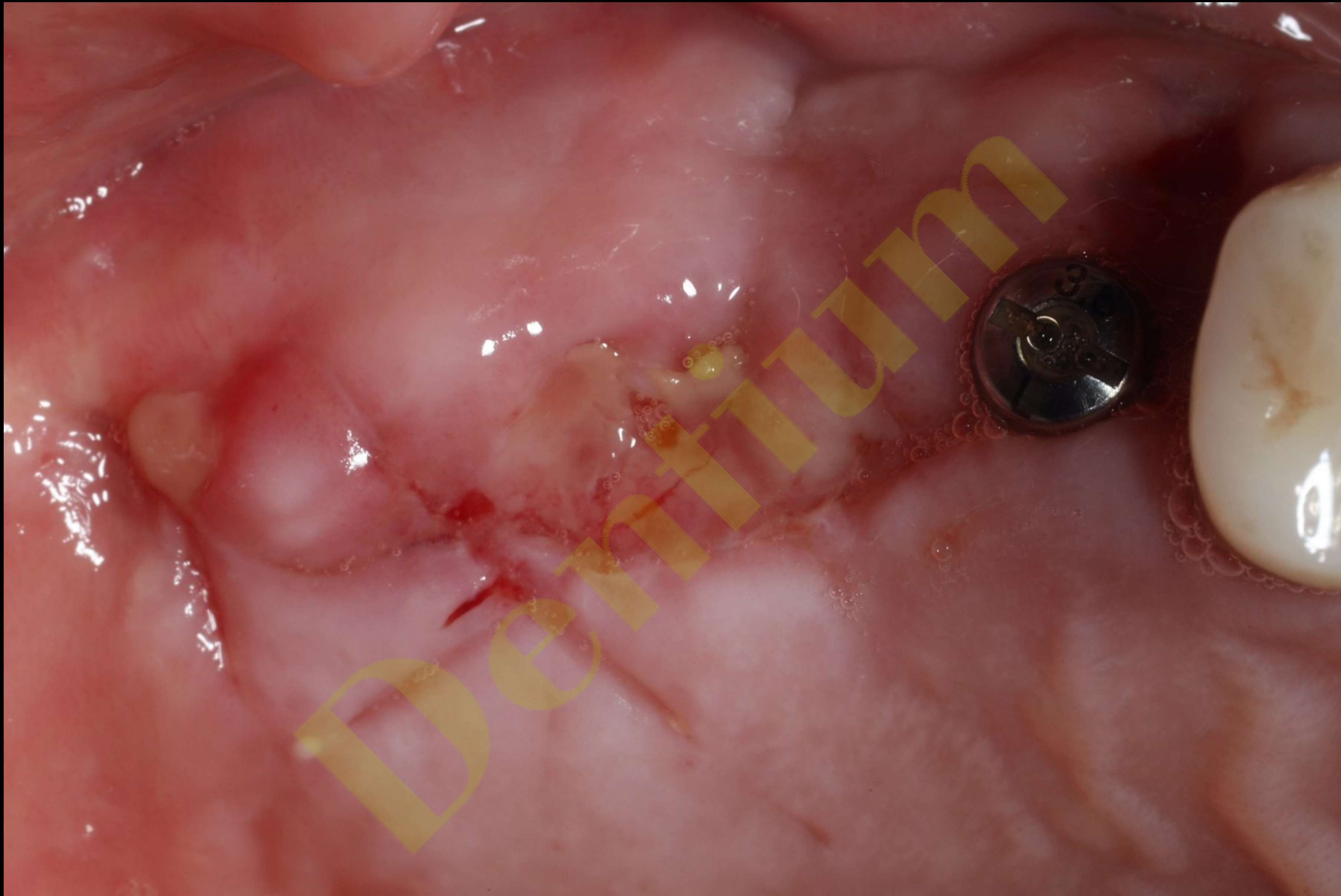


Membrane Pin

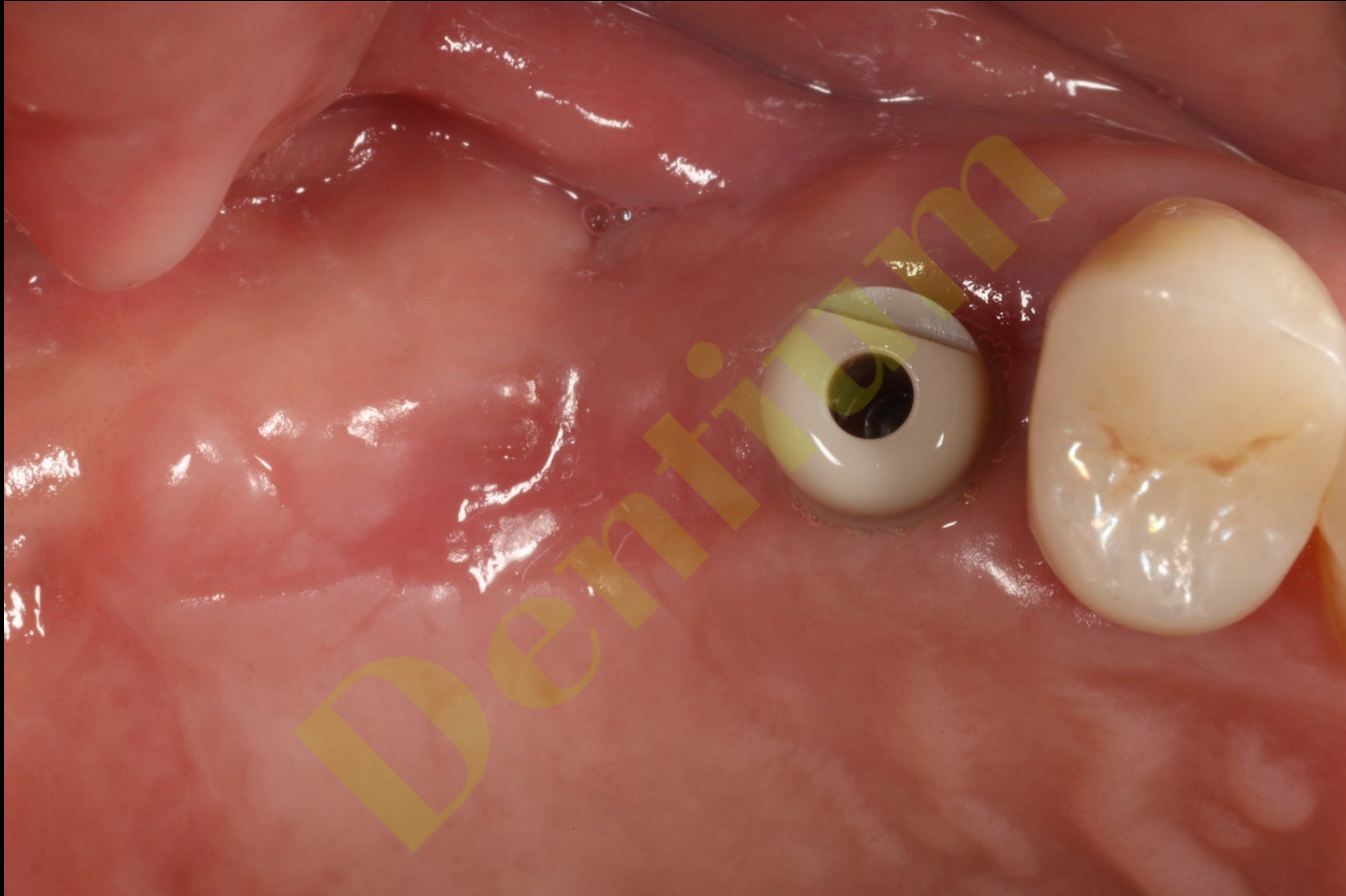


Suture

Healing : 1 week (After implantation) (2021-03-04)



Healing : 4 weeks (After implantation) (2021-03-25)



CAD (Customized abutment / Temporary)



Provisional restoration & Customized abutment



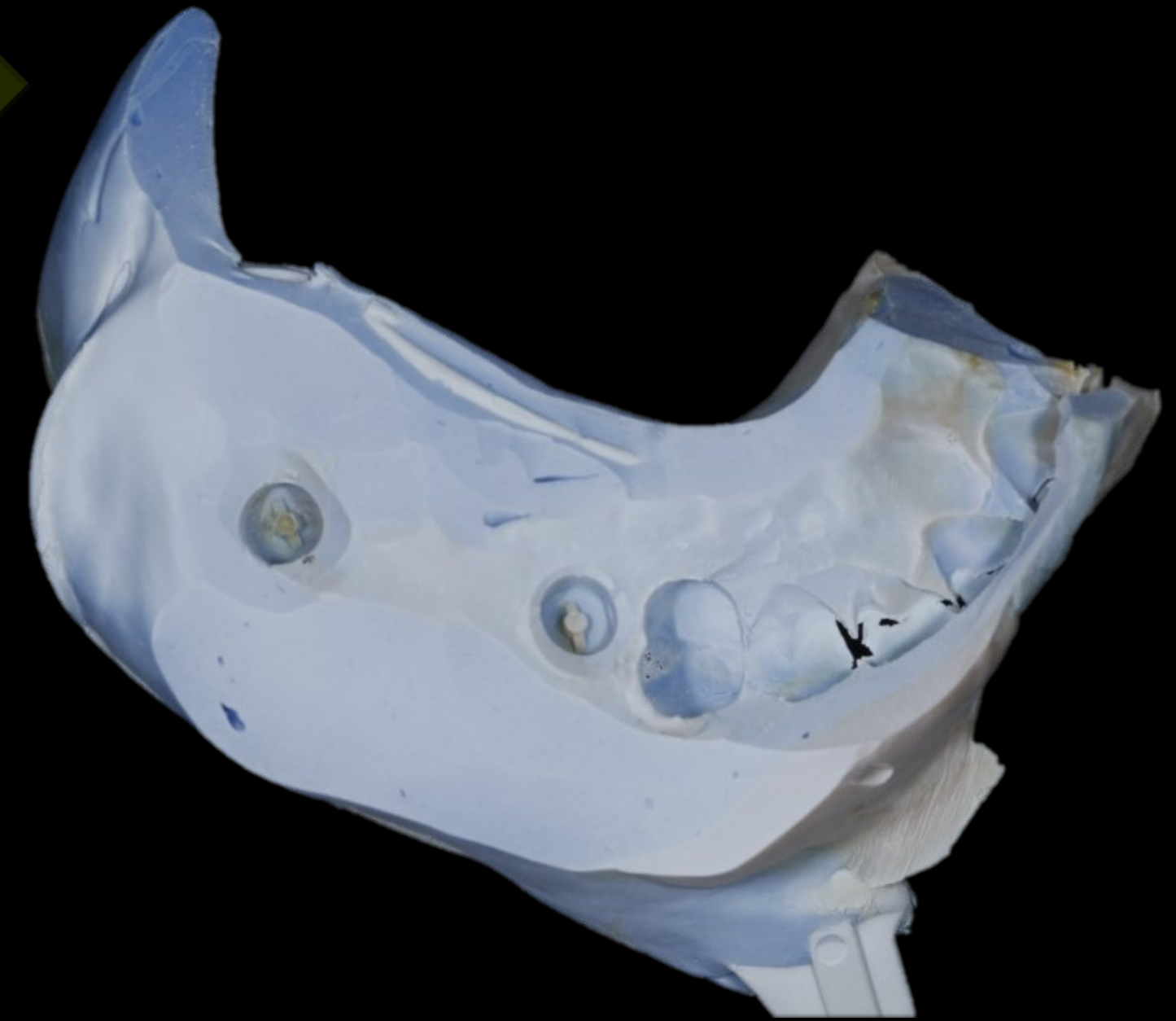
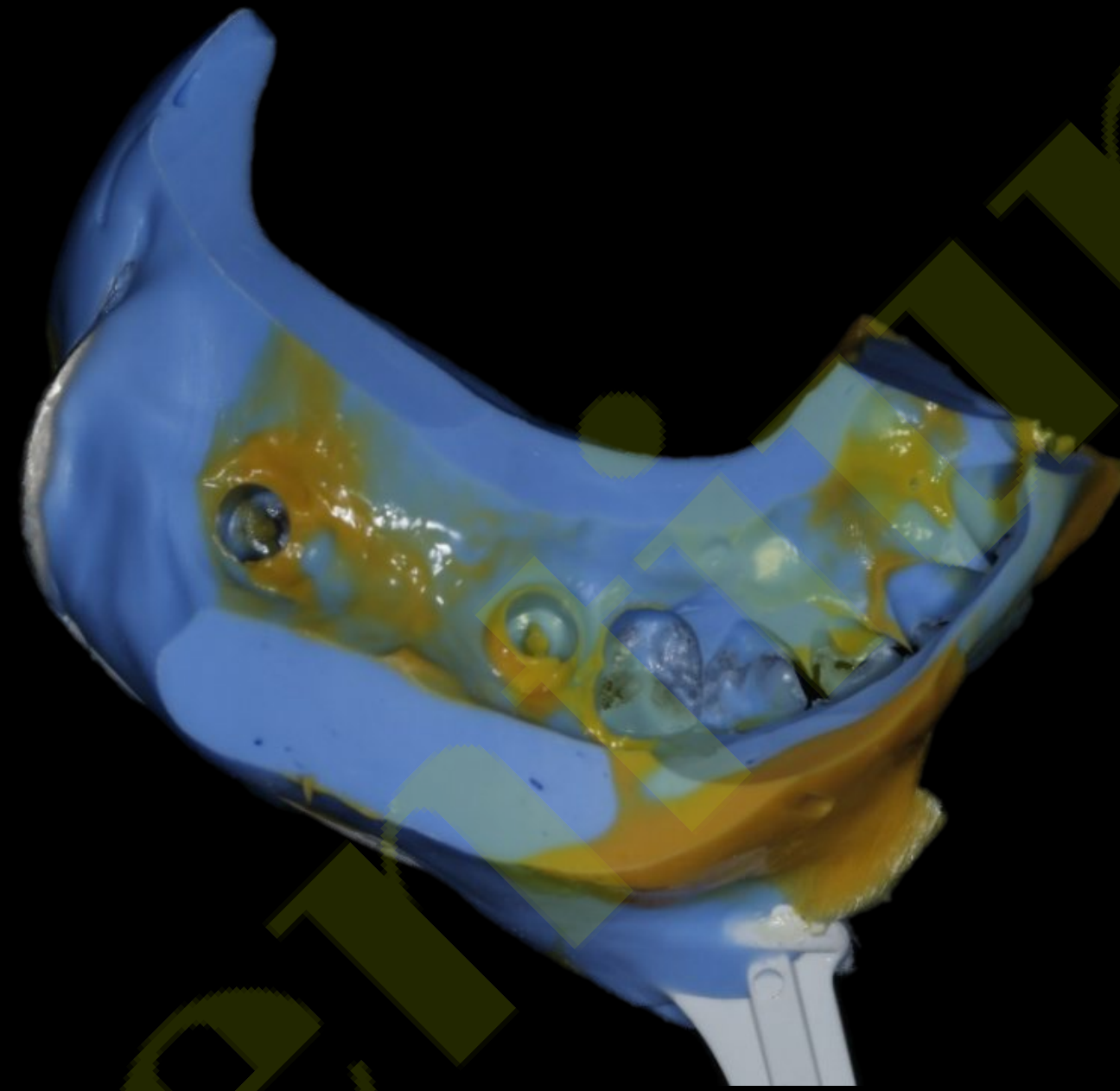
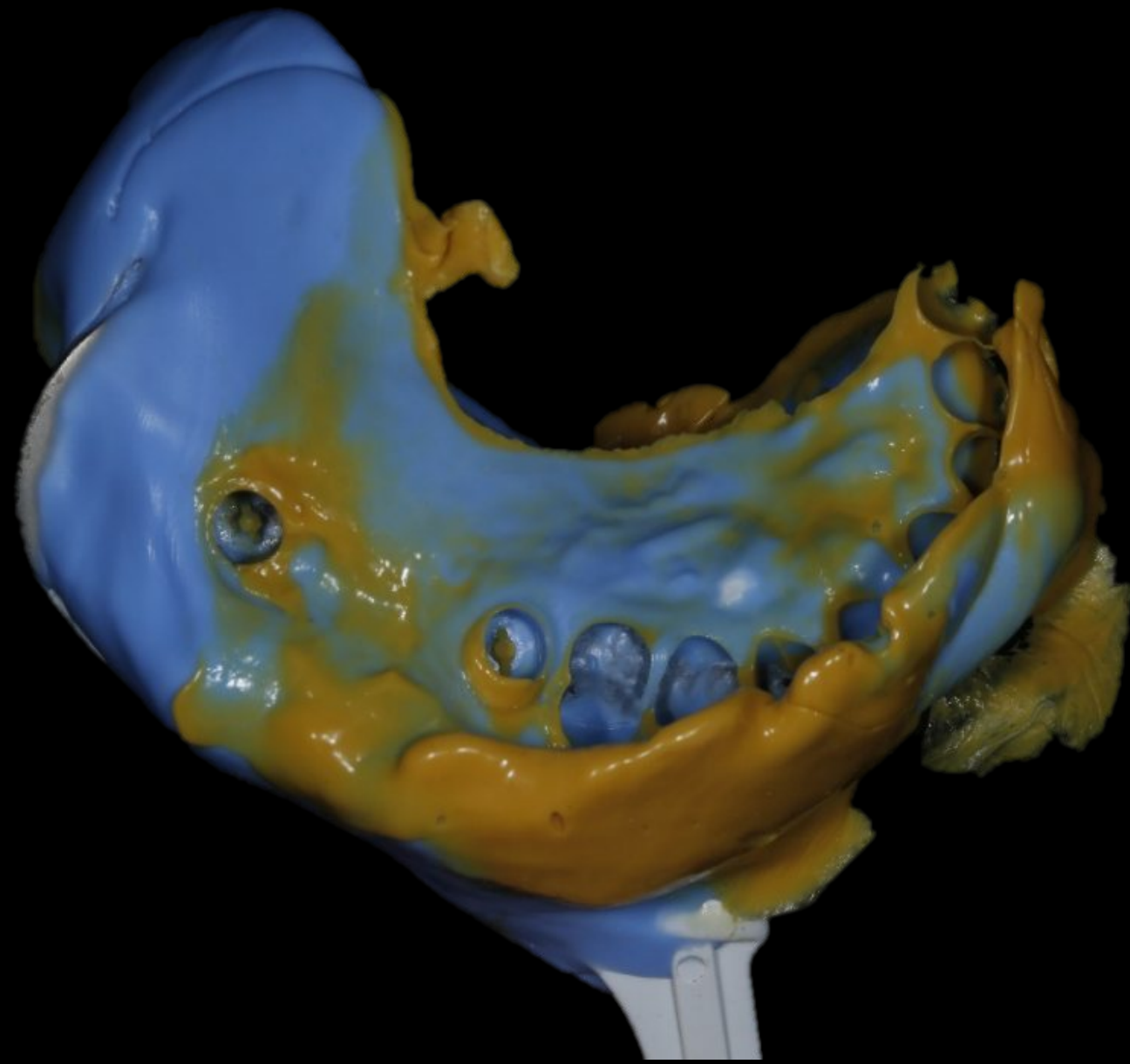
Provisional restoration (2021-04-08)



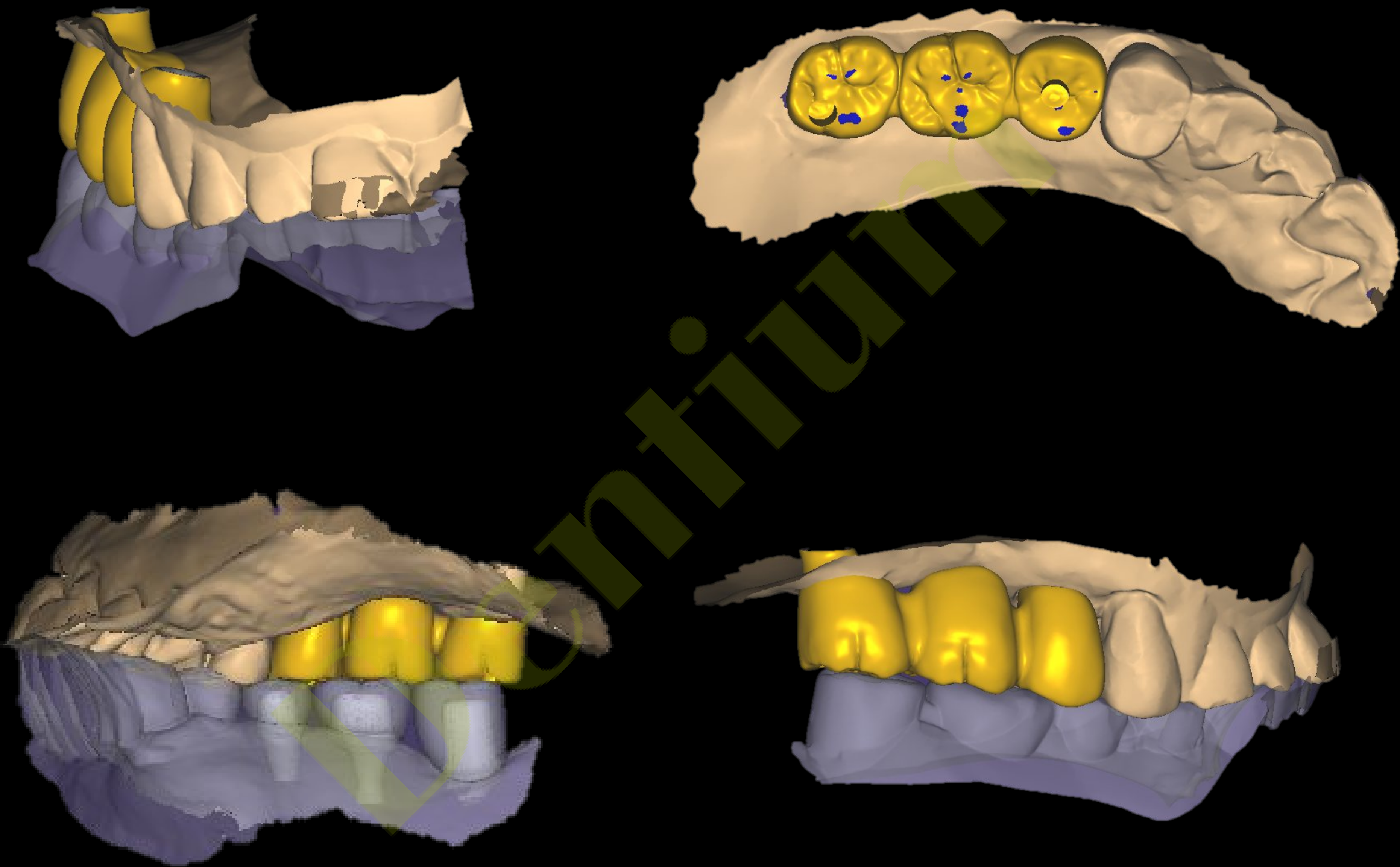
Shade taking



Impression / Trimming / Scan spray



CAD (Final prosthesis)



Brushing / Finishing



Final prosthesis (2022-01-27)



Full mouth reconstruction

(bright TL, bright BL, OSTEON™ 3 Collagen,
Collagen Graft 2, OSTEON™ Xeno)

Pt. 1982 / M

Full mouth reconstruction

Part 1. Implant tourism With Early loading

Part 2. Sinus elevation and complication solving

Part 3. Narrow but Strong Implant for Narrow alveolar ridge

Complication

- 1 An unbalanced dental occlusion
- 2 Visit from afar
- 3 Have an Oro-antral fistula of the mouth
- 4 Dark tooth color



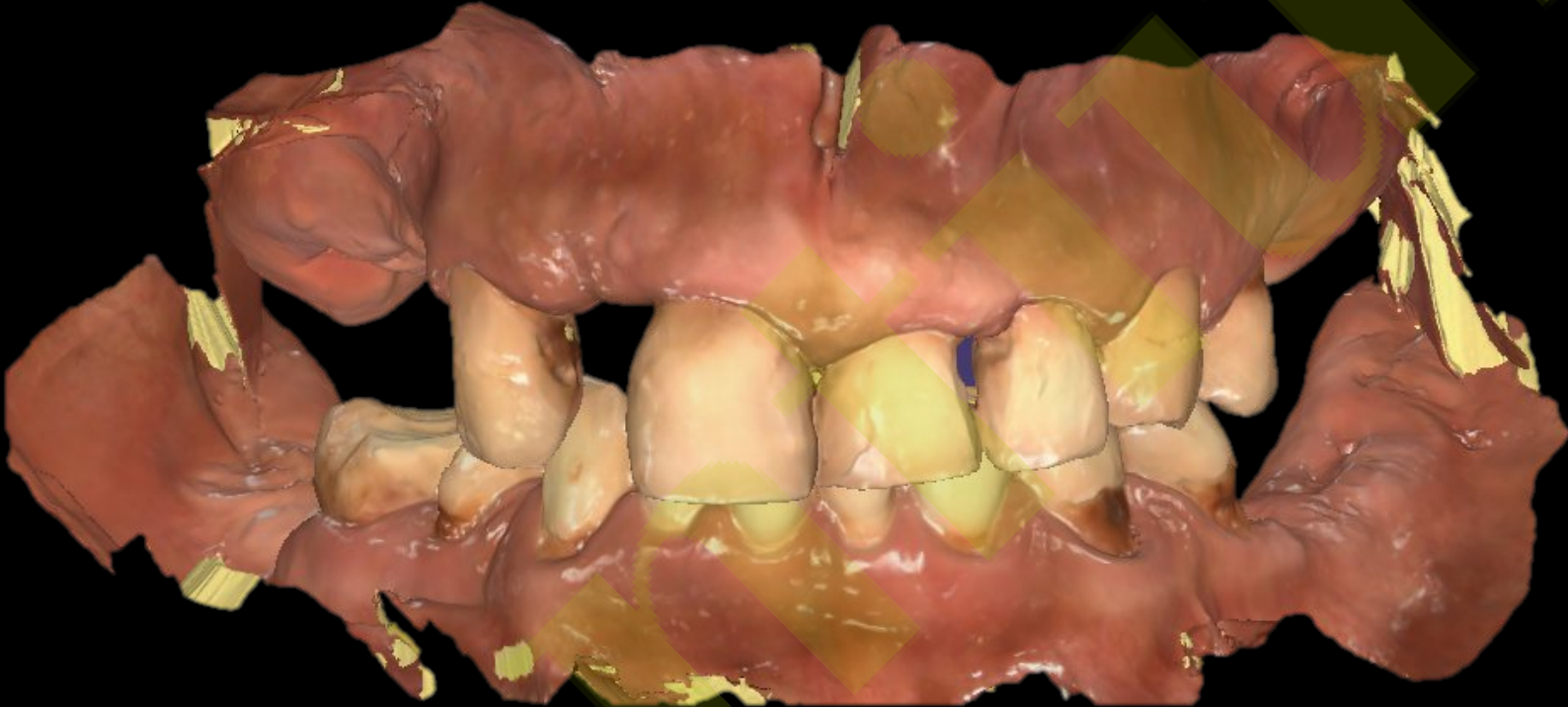
Action

- 1 Scan data & Facial scan data & CT data stitching
- 2 Implant tourism With Early loading
- 3 Sinus elevation and complication solving
- 4 Have a plan to whiten one's teeth

Full mouth reconstruction

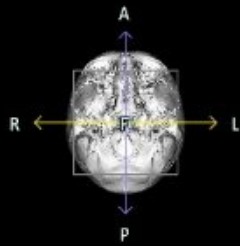
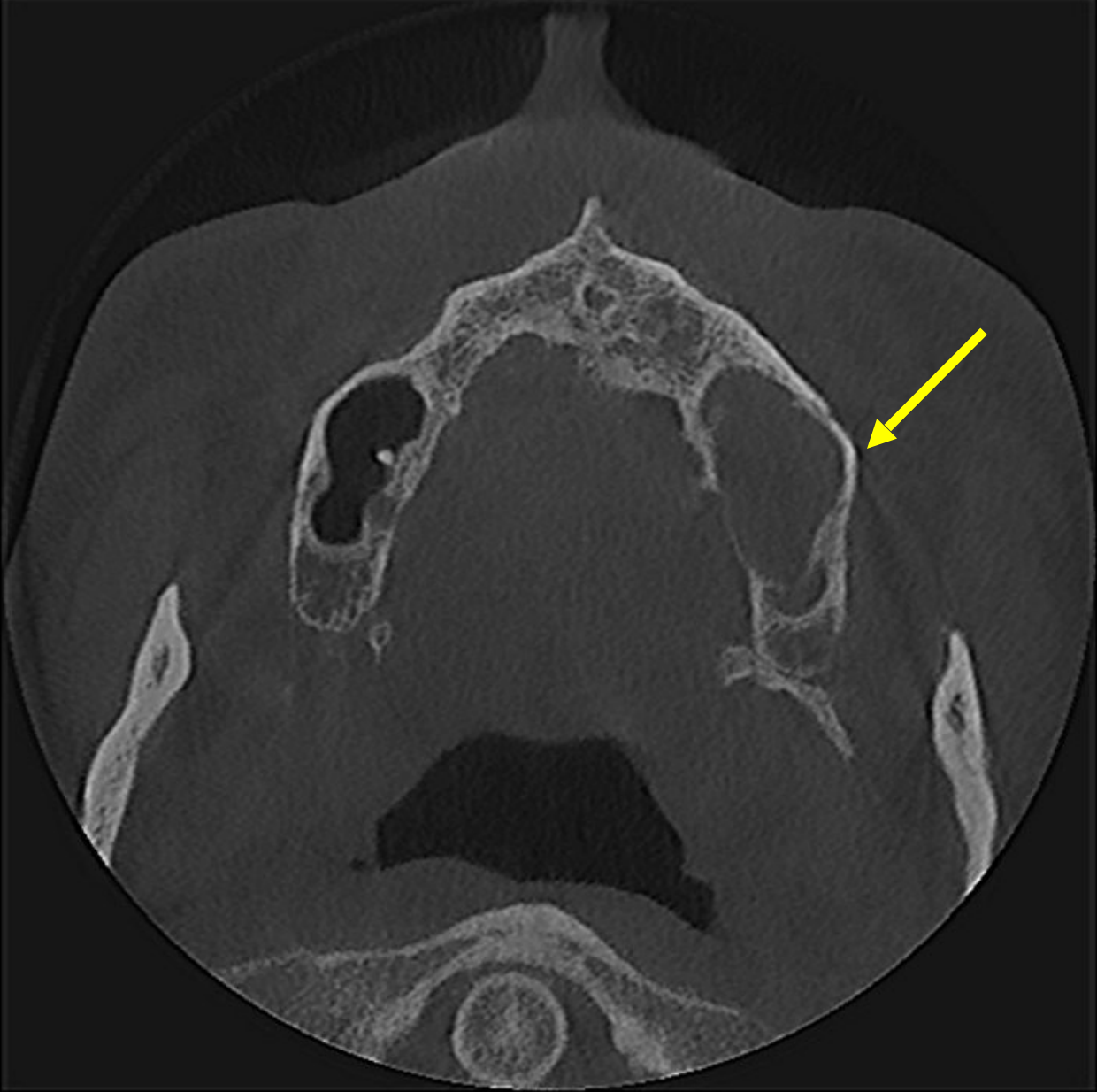
Part 1. Implant tourism With Early loading



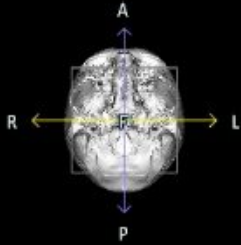
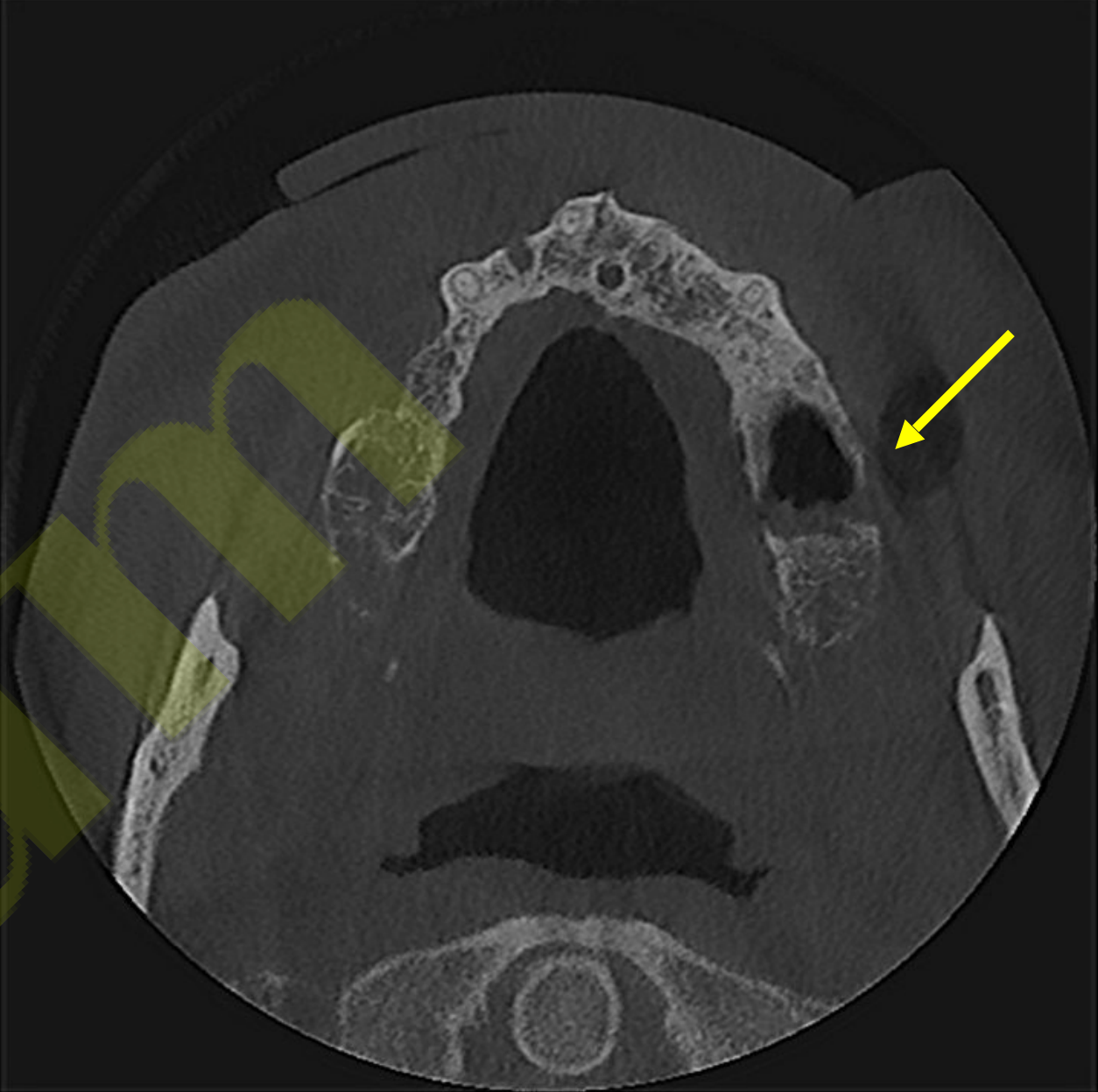


Pre-op_Sinusitis (2023-04-12)

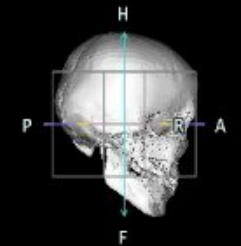
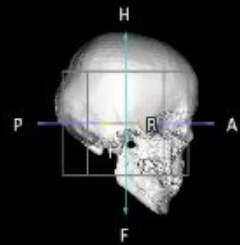
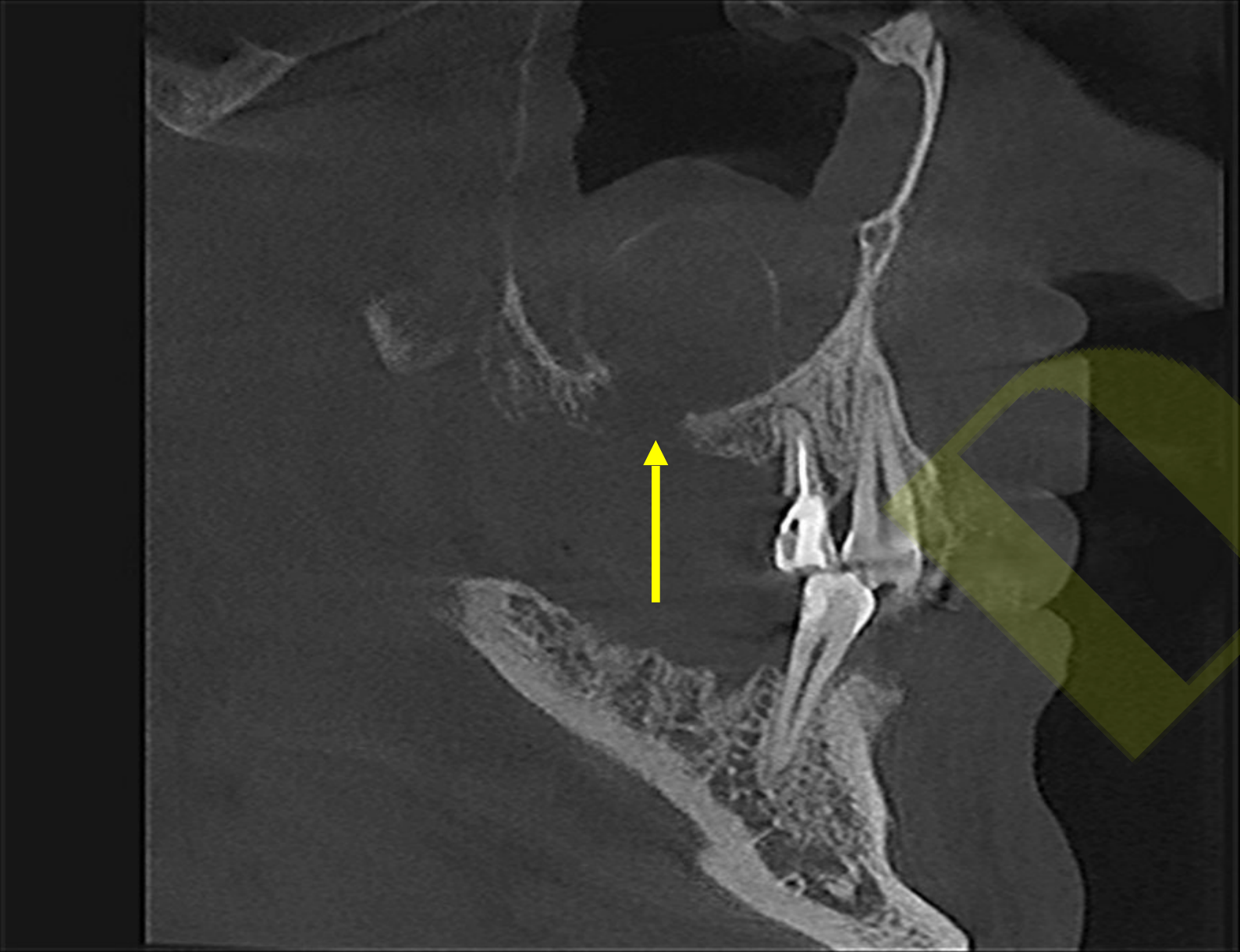
Axial(A)



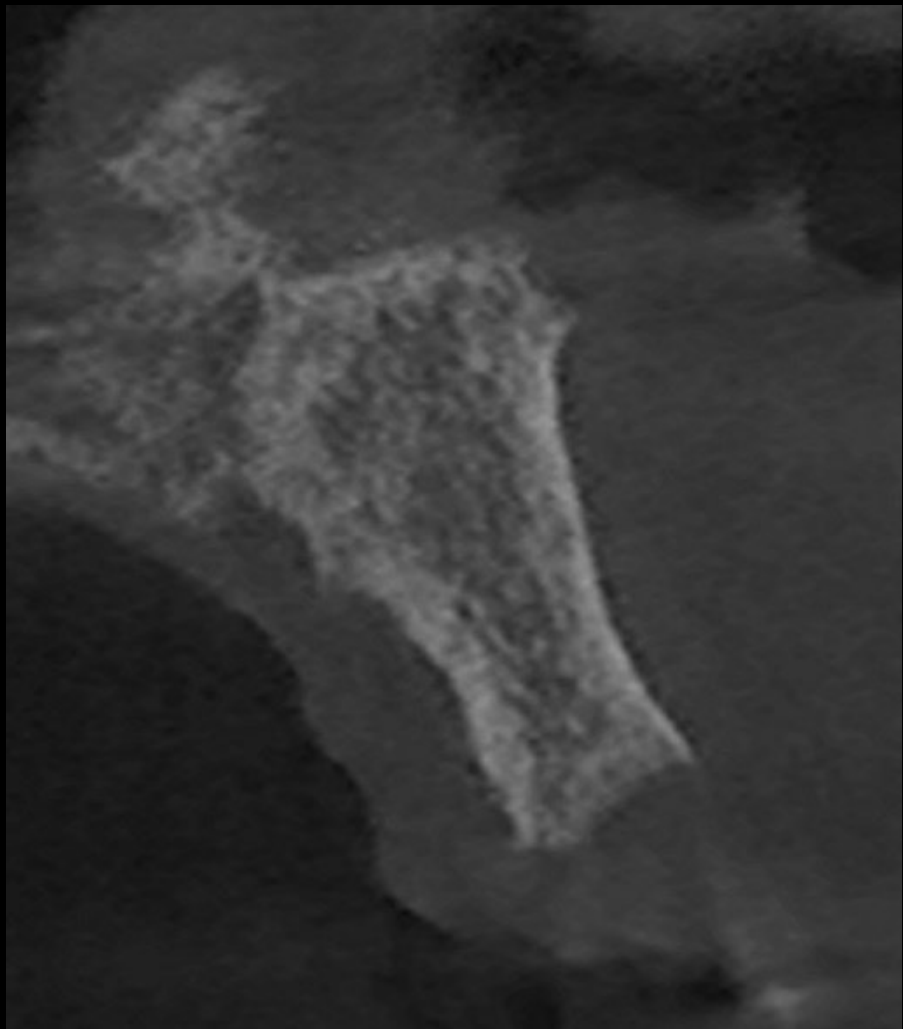
Post-op_Sinusitis treatment (2023-04-13)



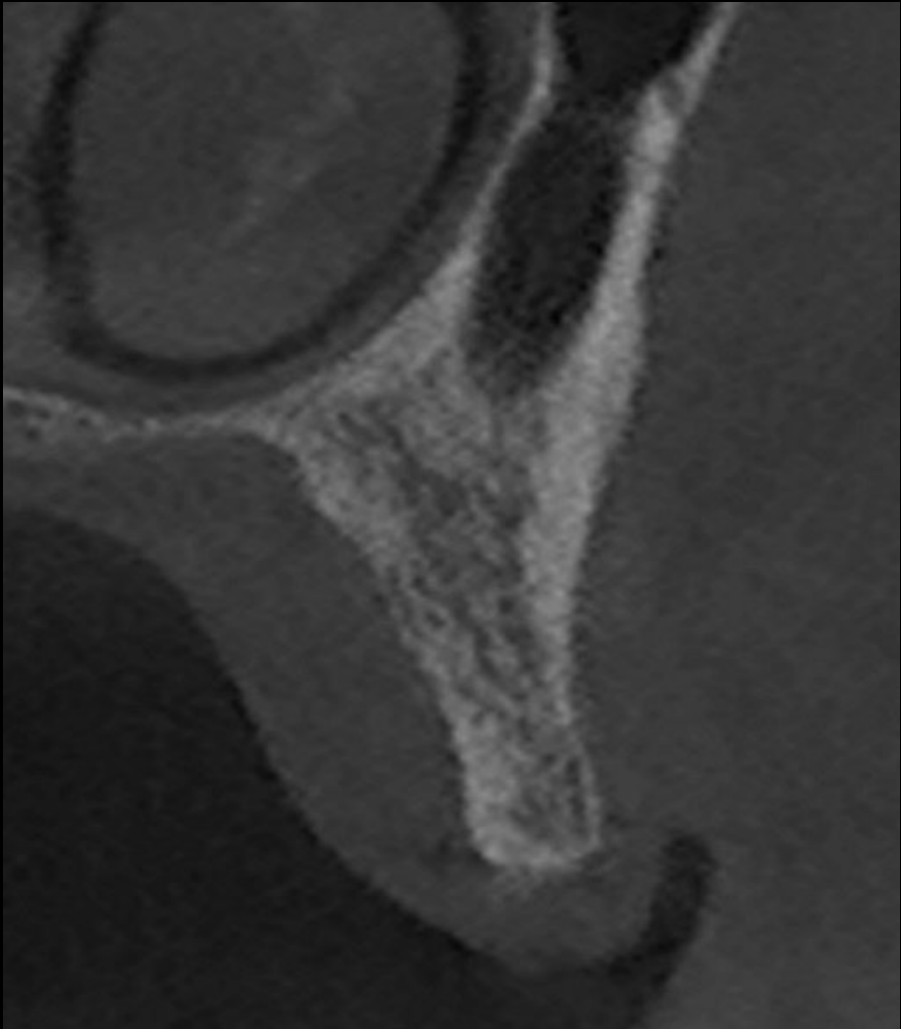
Sagittal(S)



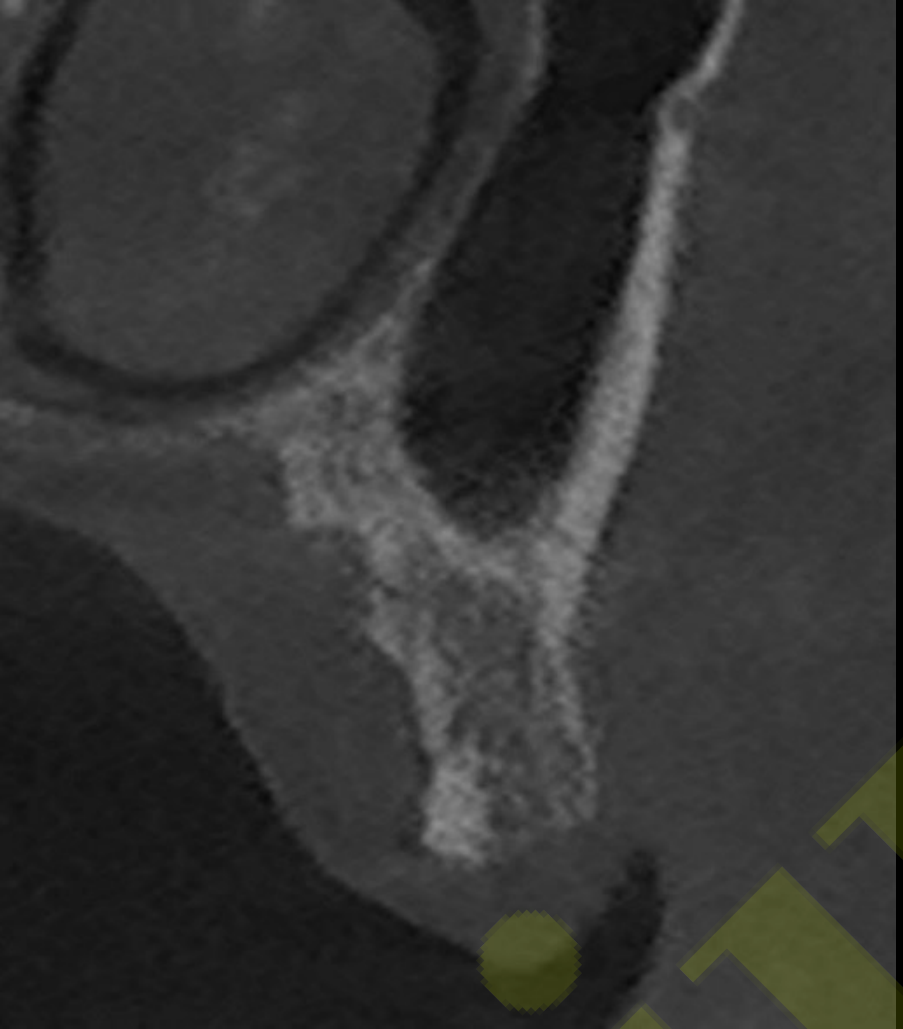
Pre-op CT (2023-04-13)



#12



#14



#15



#16

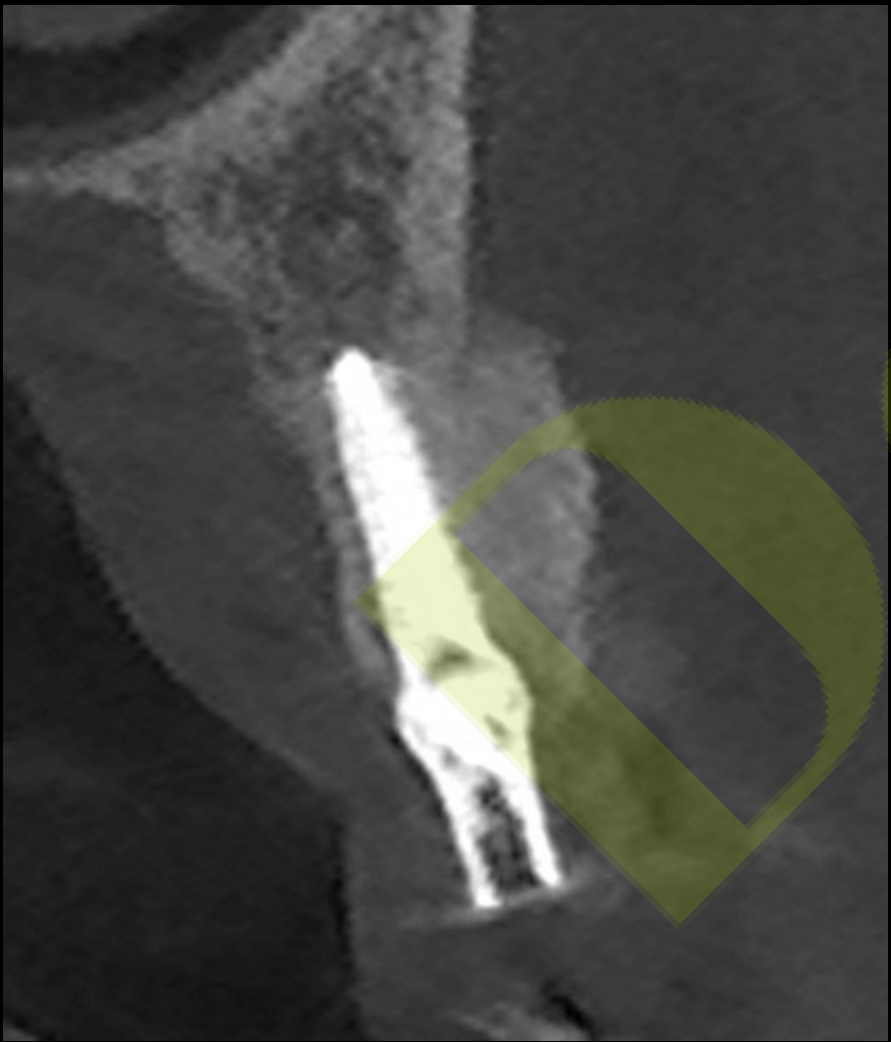


#47

Post-op CT (2023-04-17)



#12



#14



#15



#16

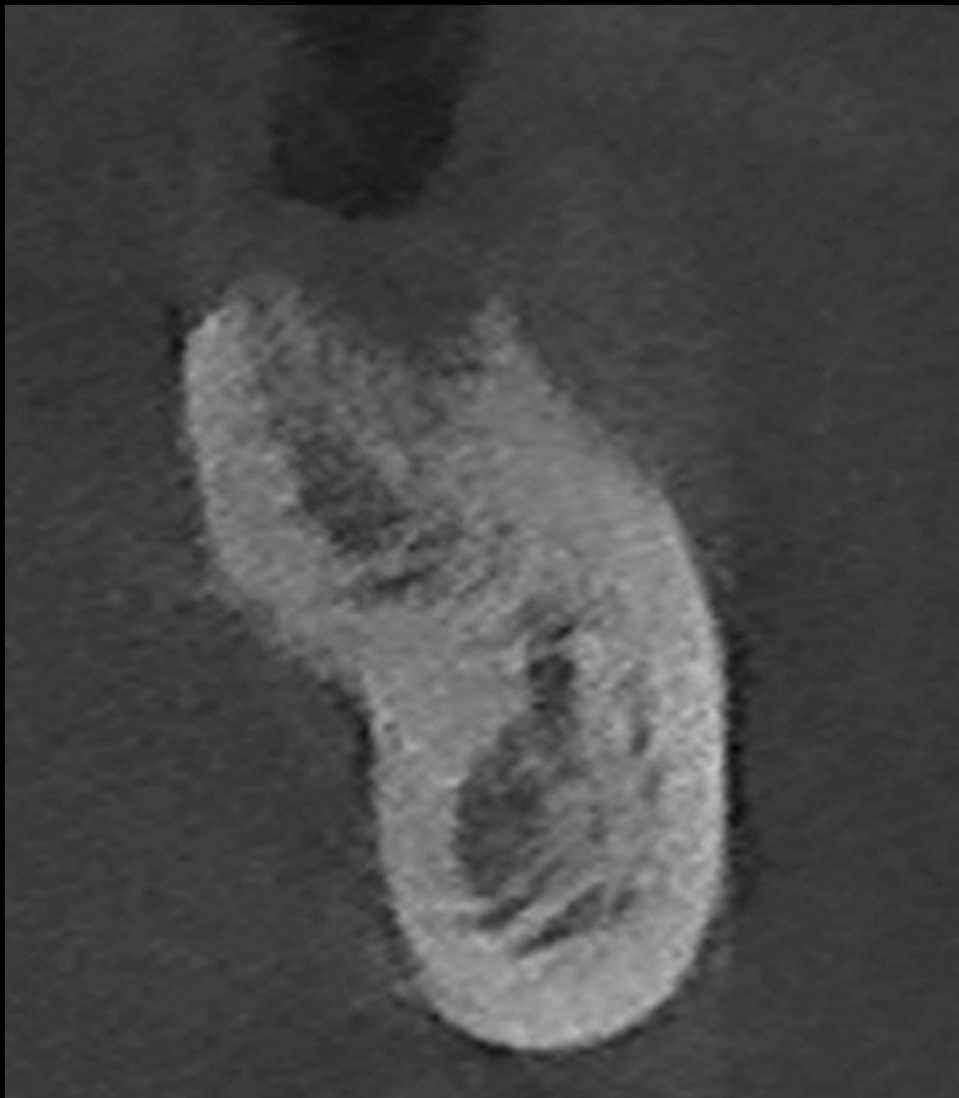


#47

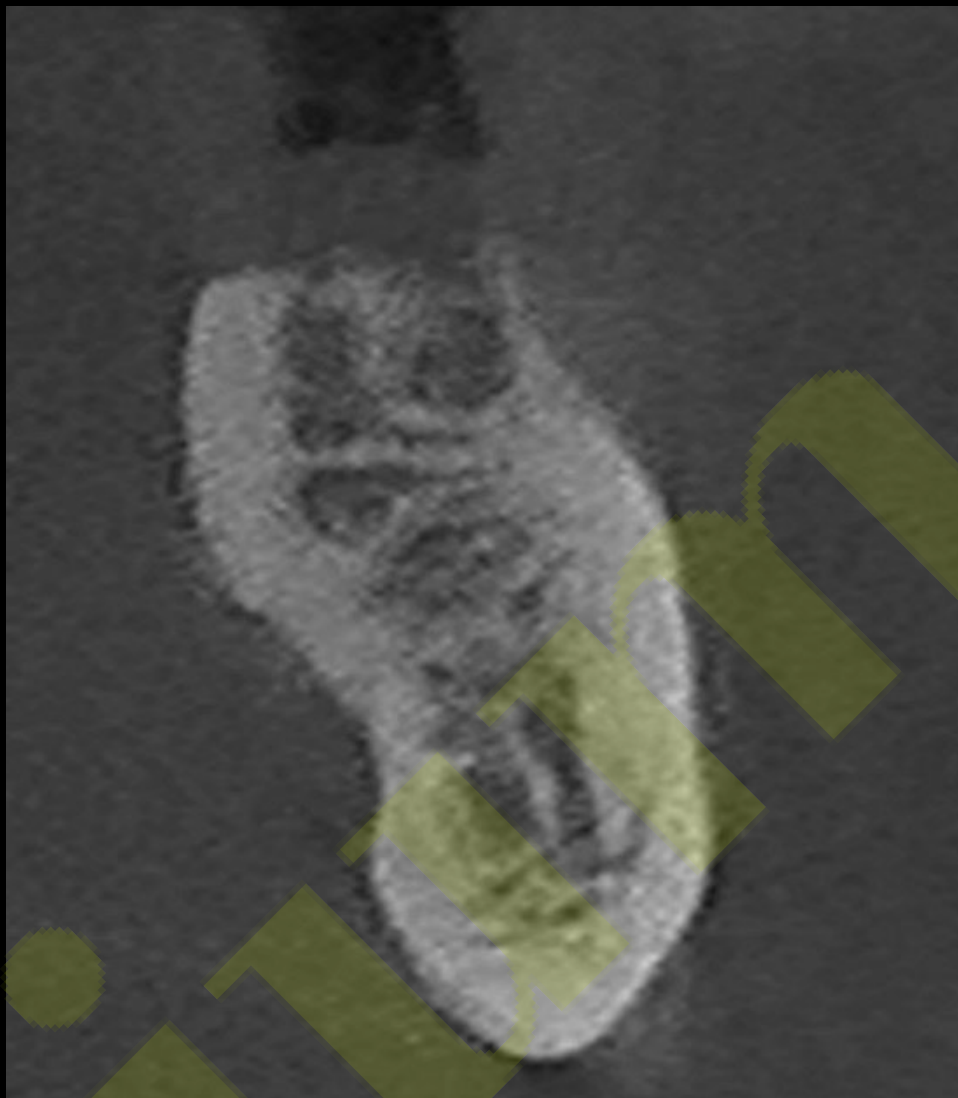
Implantation #12,14,15,16,47 (2023-04-17)



Pre-op CT (2023-04-17)

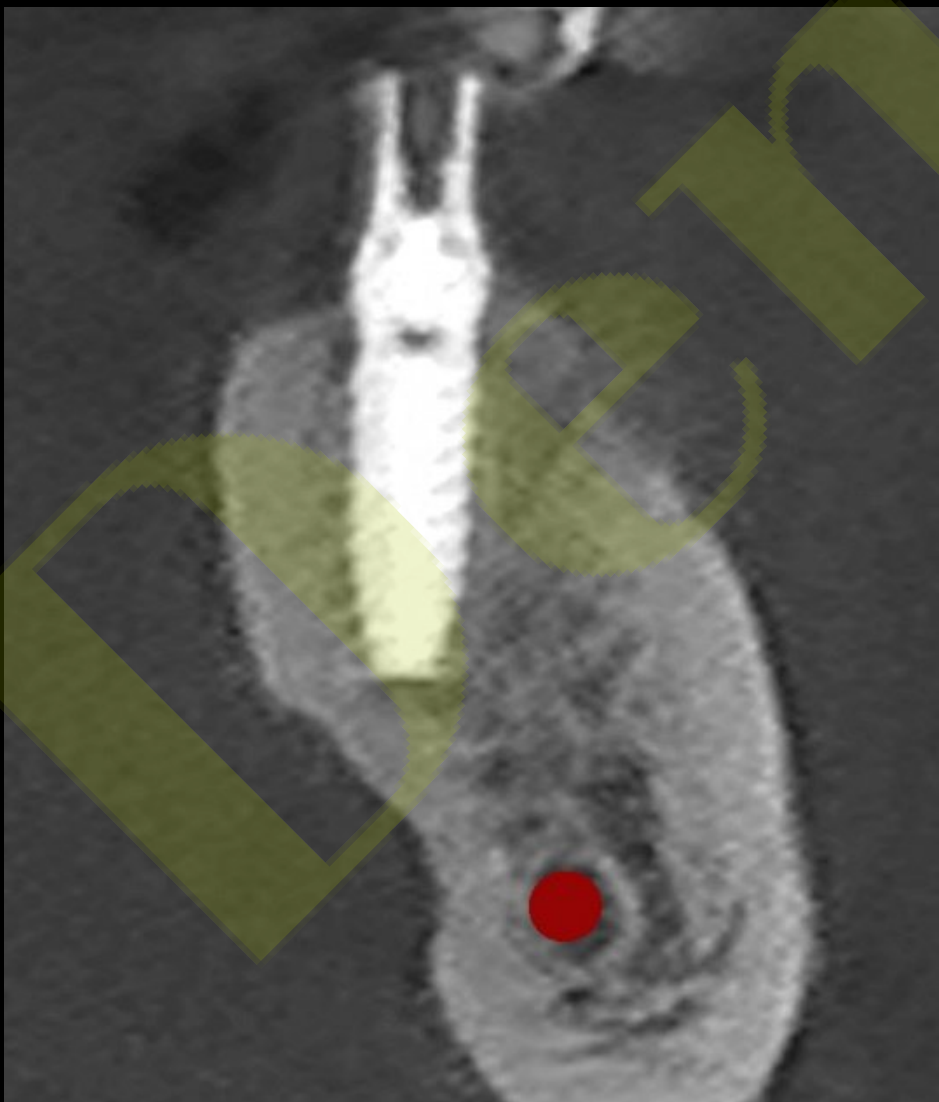


#35

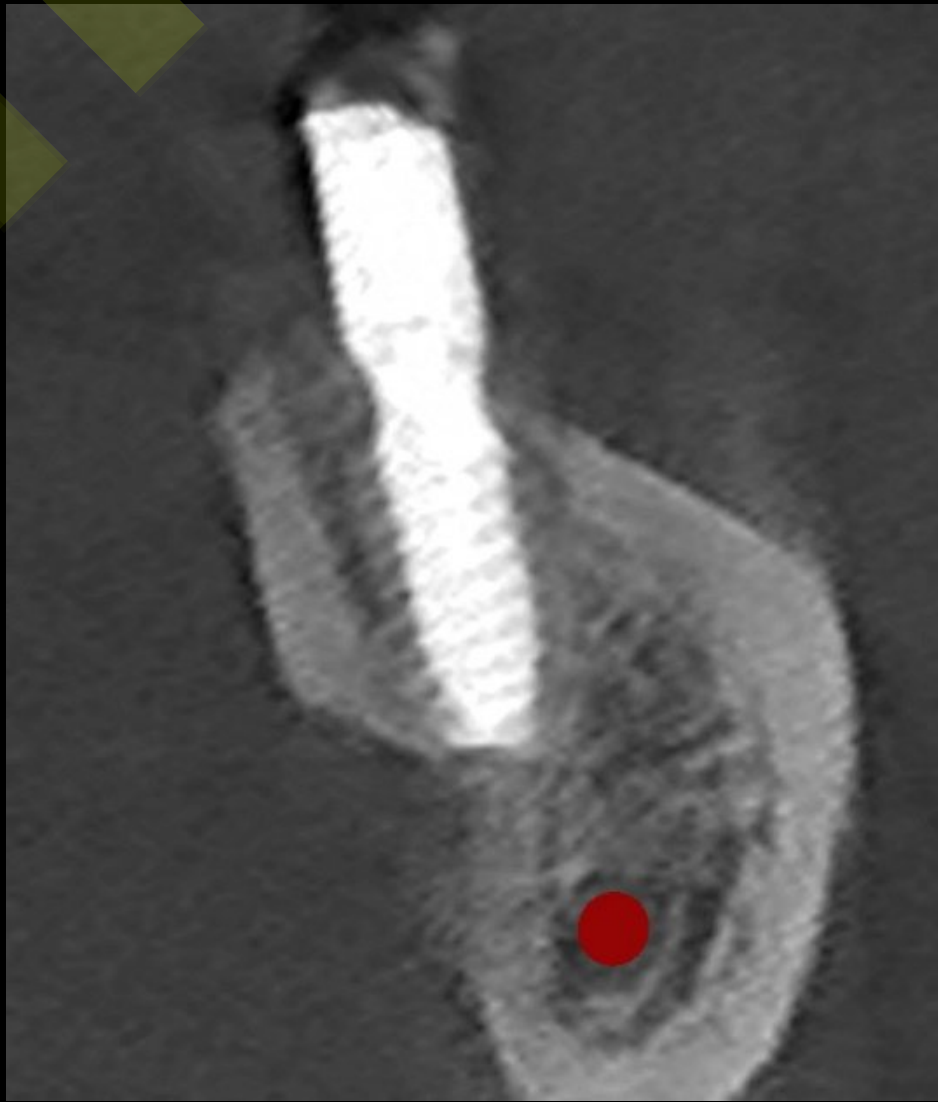


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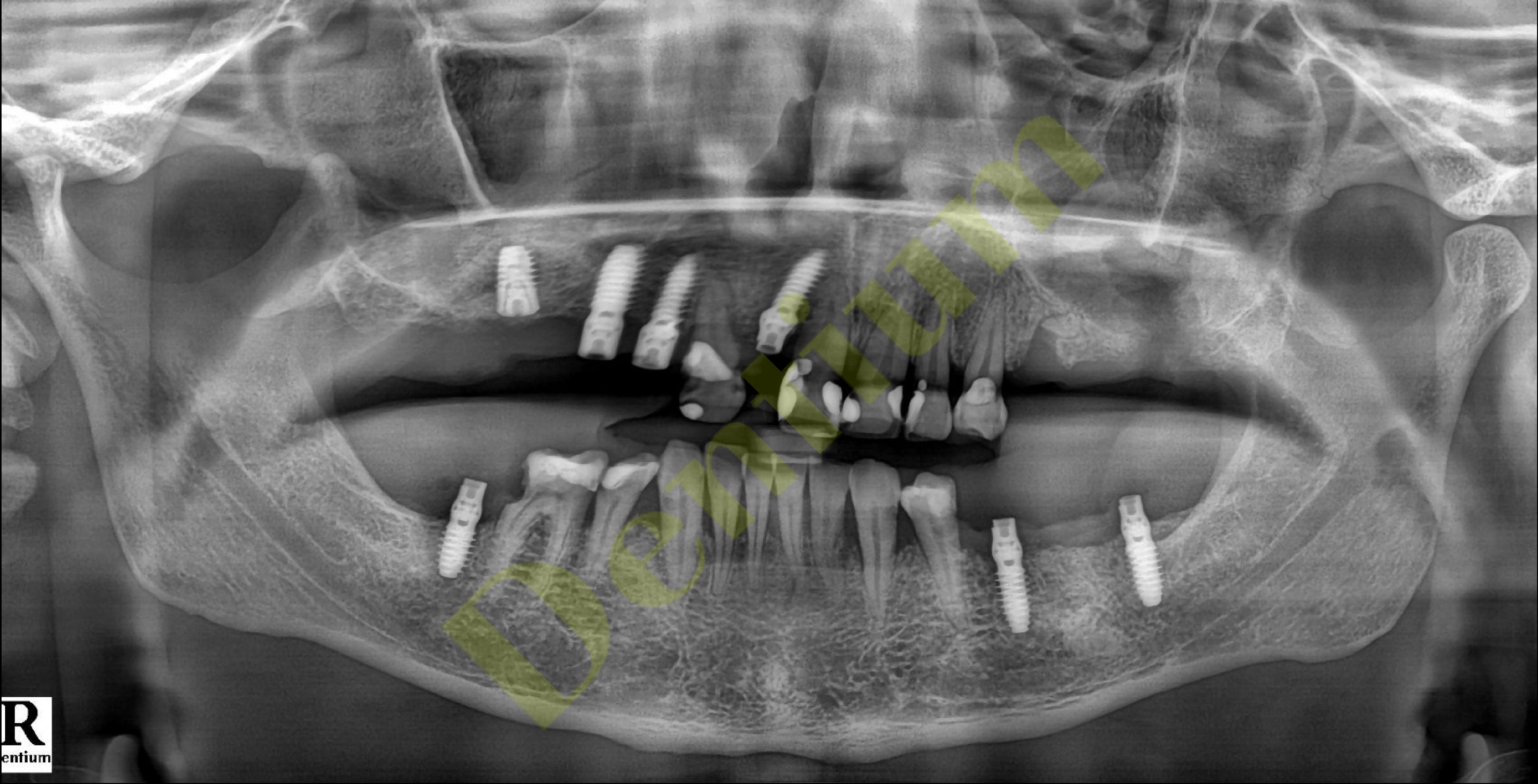
Post-op CT (2023-04-19)



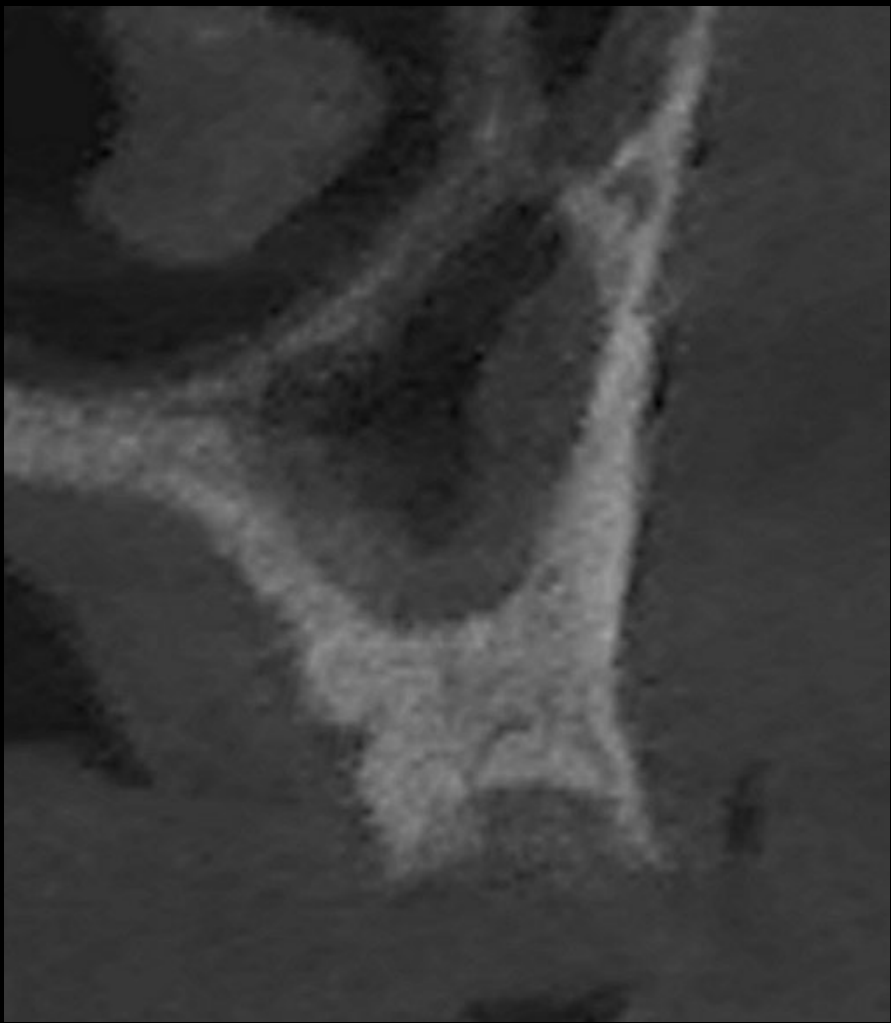
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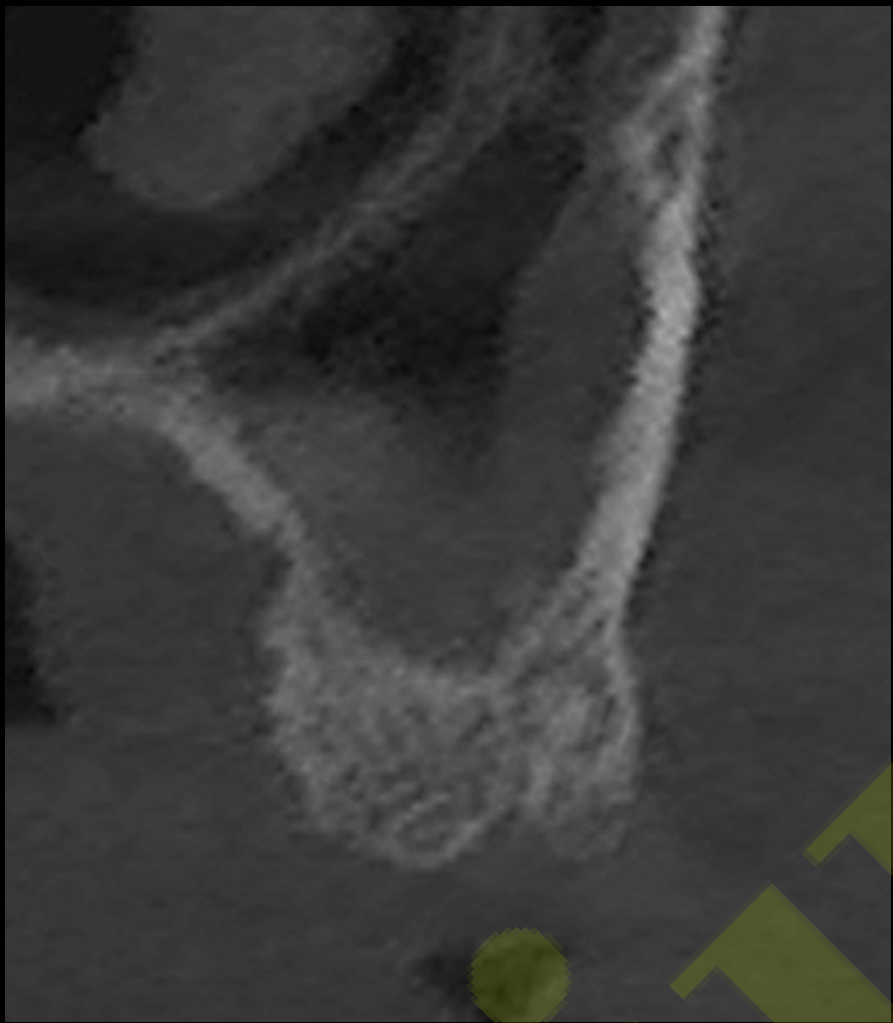
#37



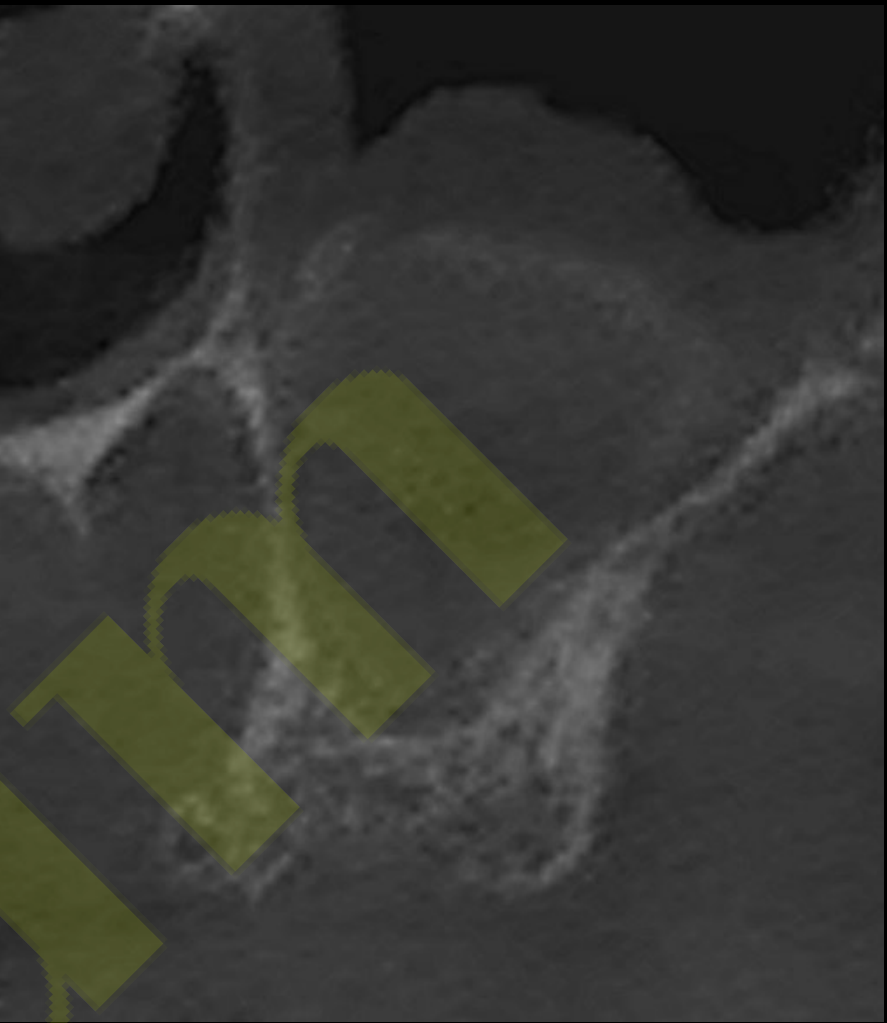
Pre-op CT (2023-04-20)



#24

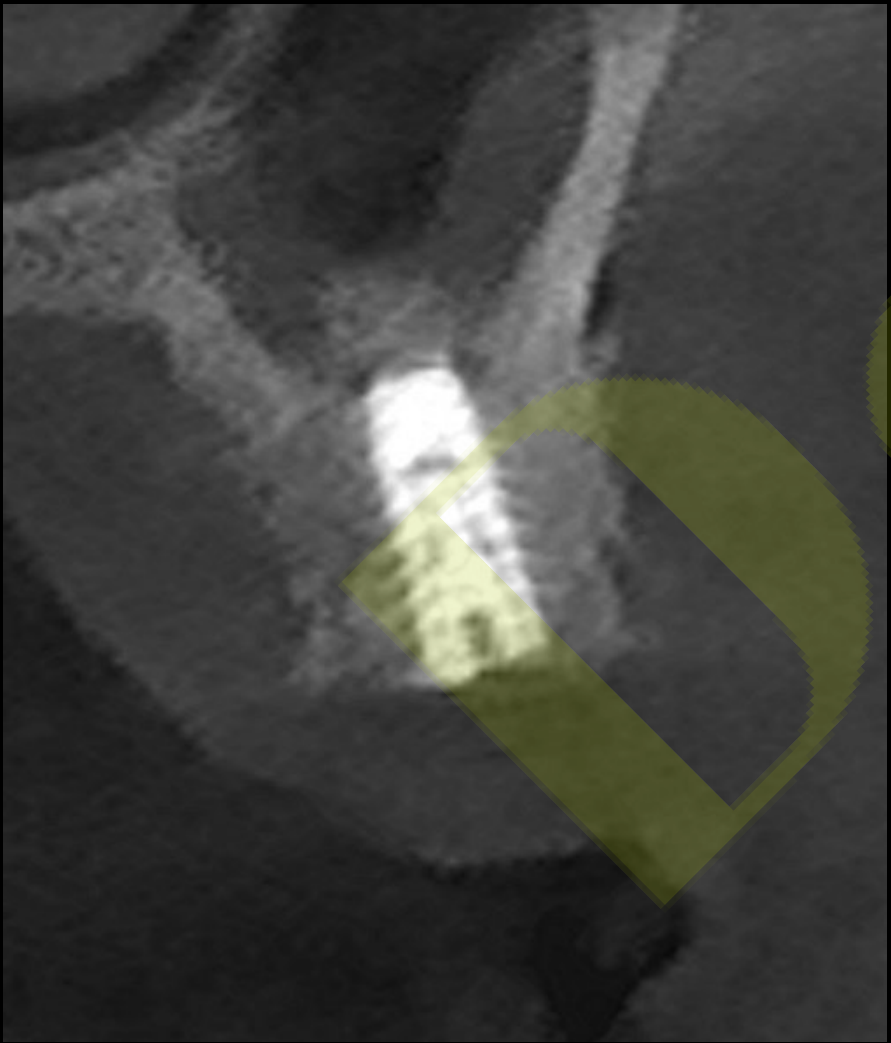


#25



#27

Post-op CT (2023-05-04)



#24

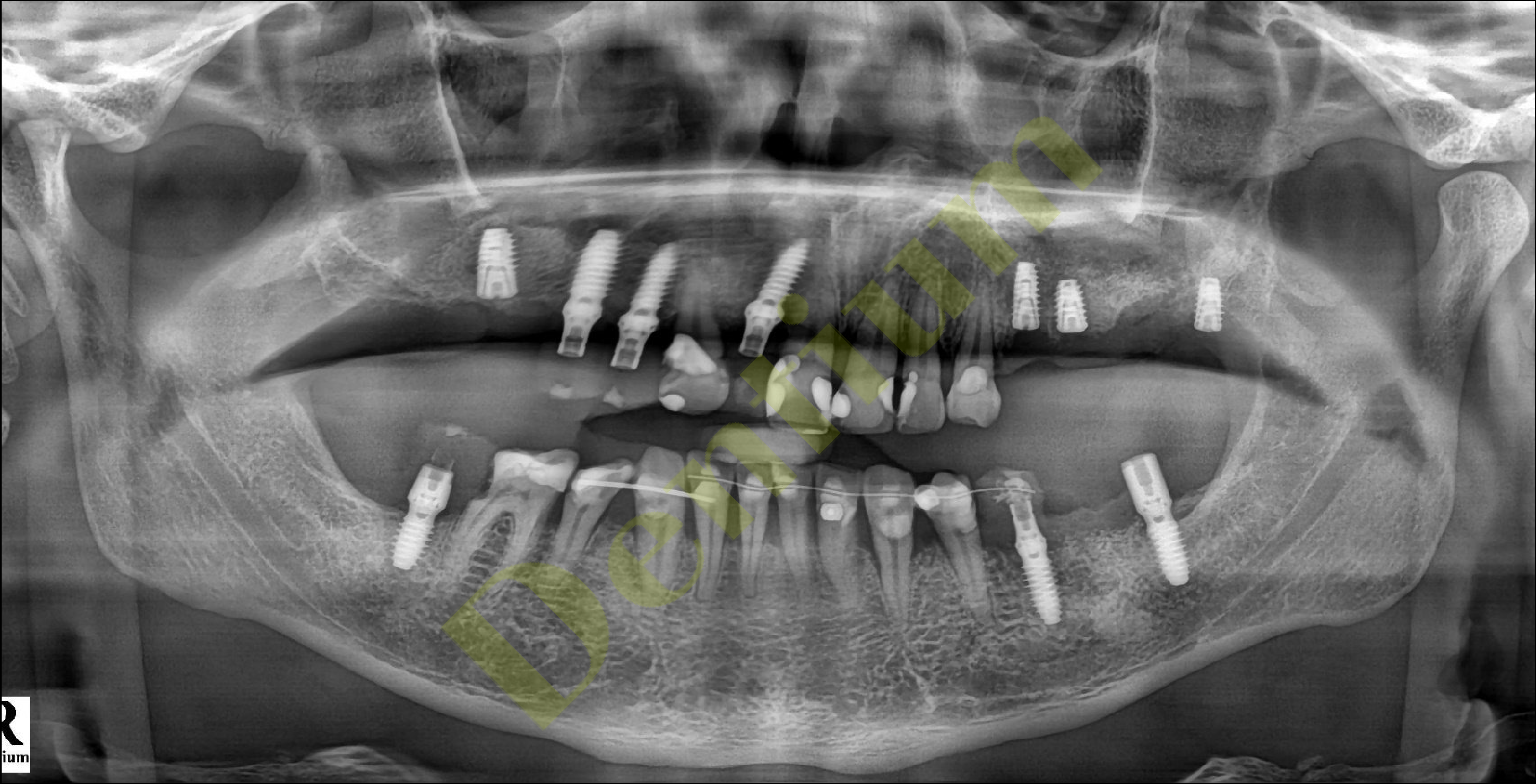


#25



#27

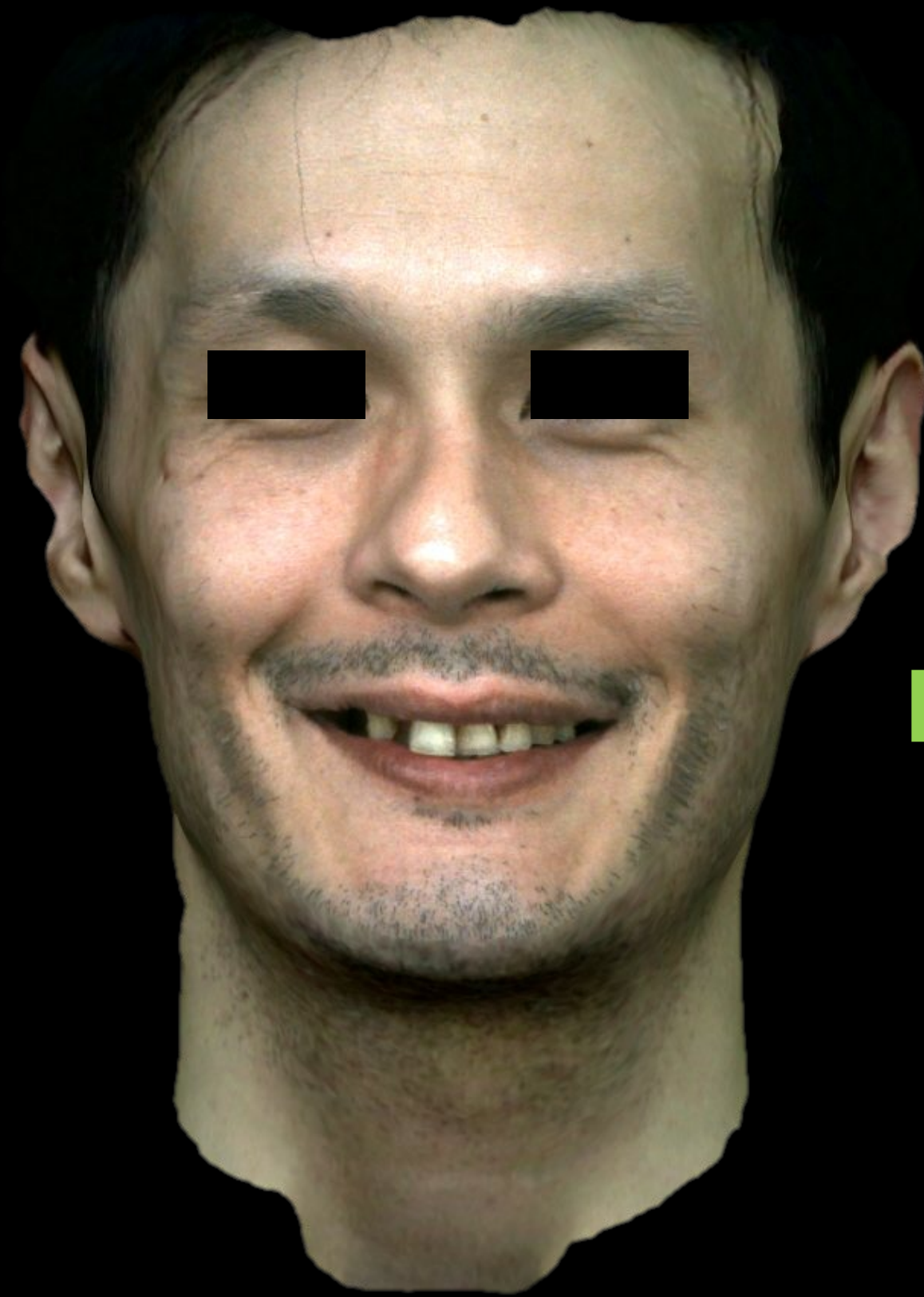
Implantation #24, 25, 27 (2023-05-04)







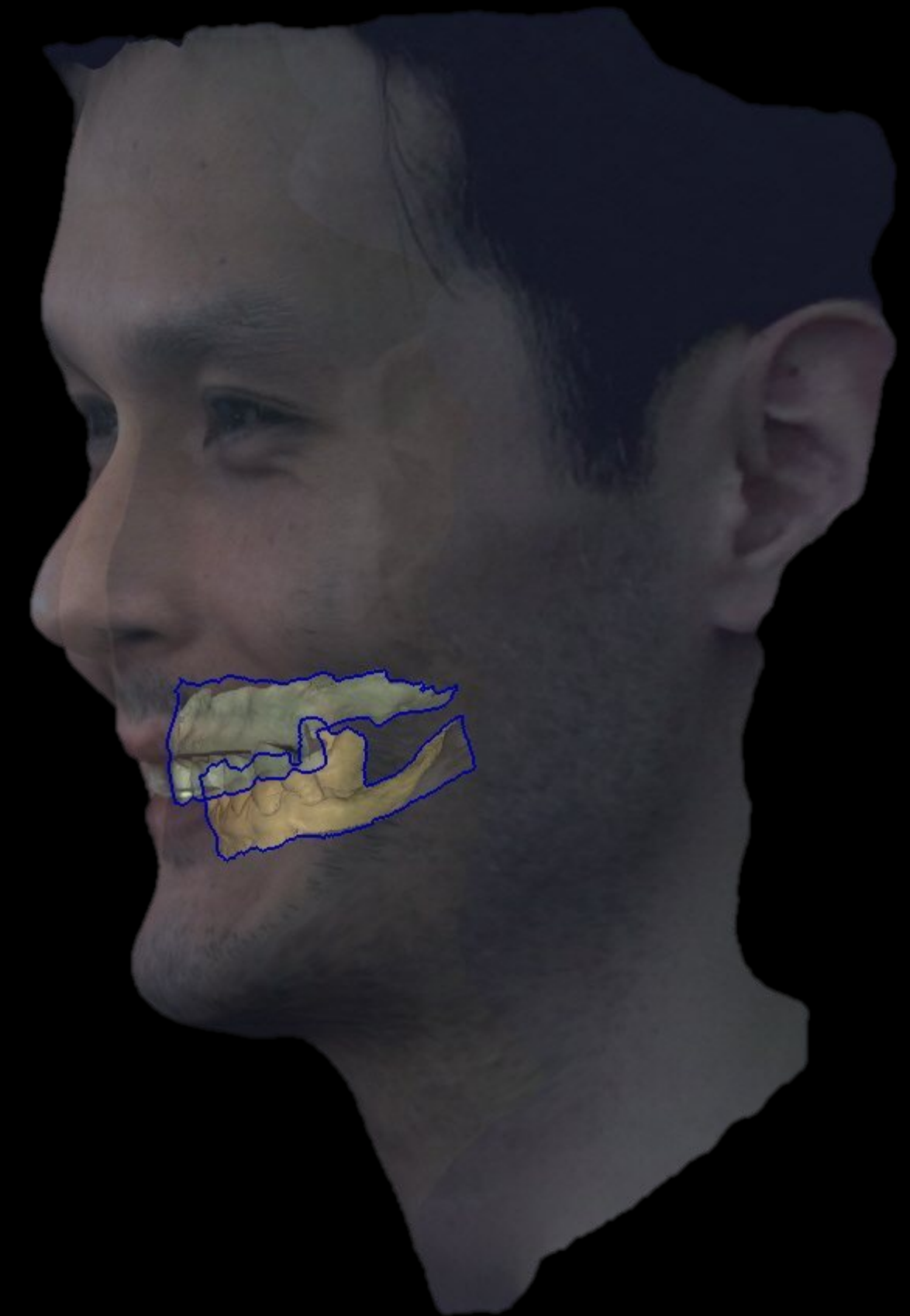
Scan data & Facial scan data stitching



Facial scan



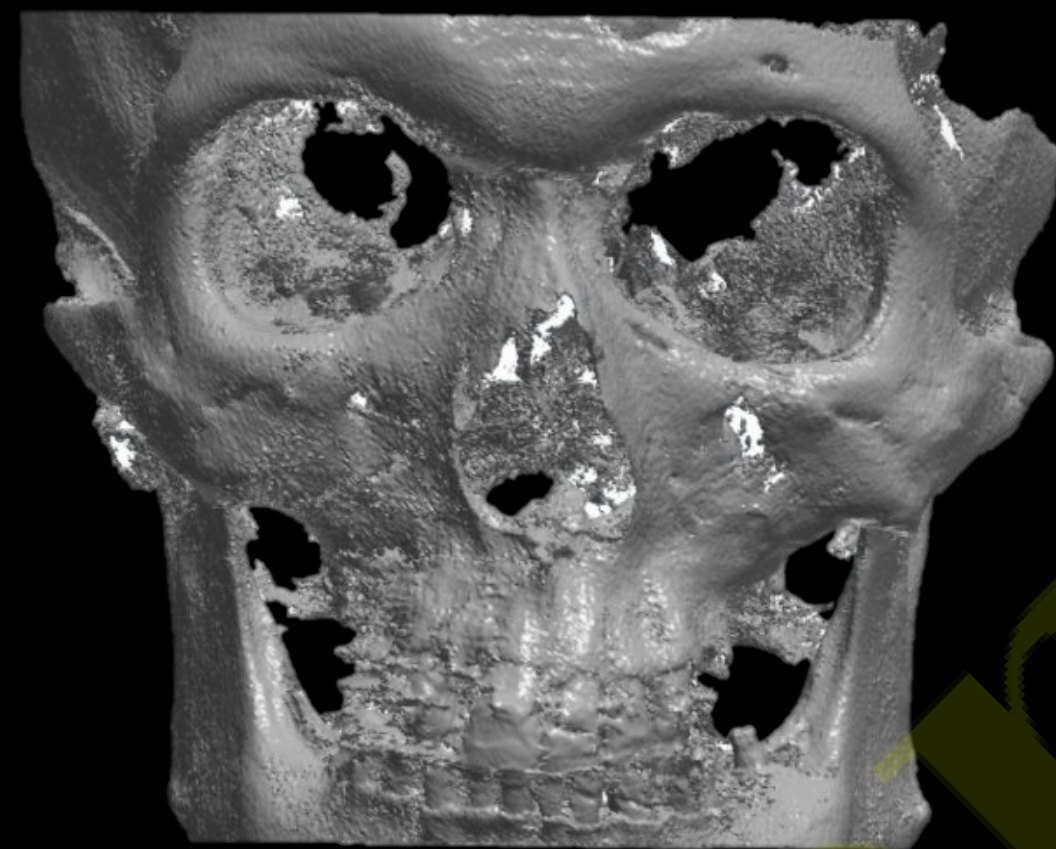
Intraoral scan



CT data stitching



&



CT STL



Facial Scan + IOS + CT STL

Scan data & Facial scan data stitching data



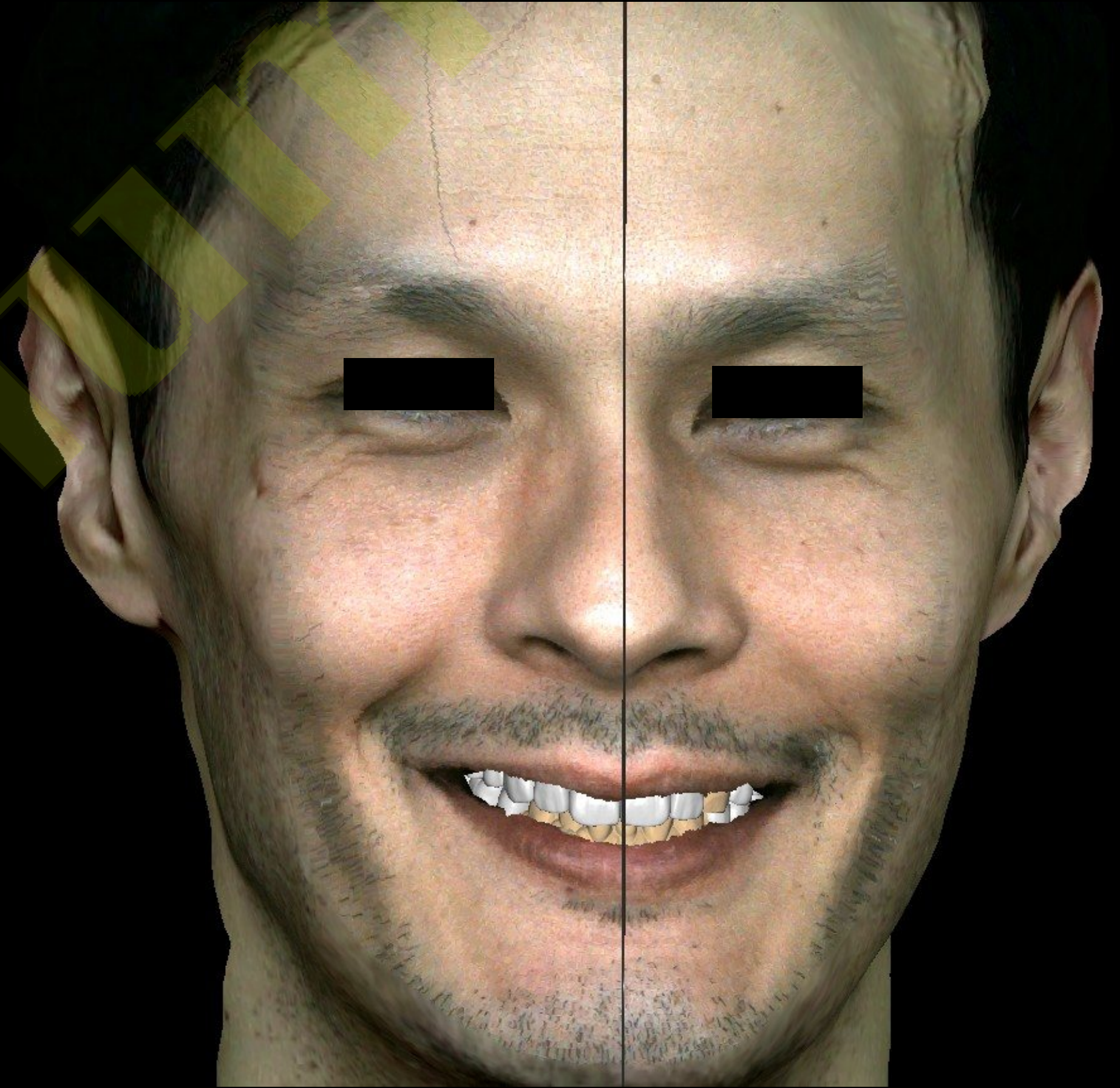
Facial Scan + Plane + IOS + CT



Landmark be easy to set up

Increased accuracy

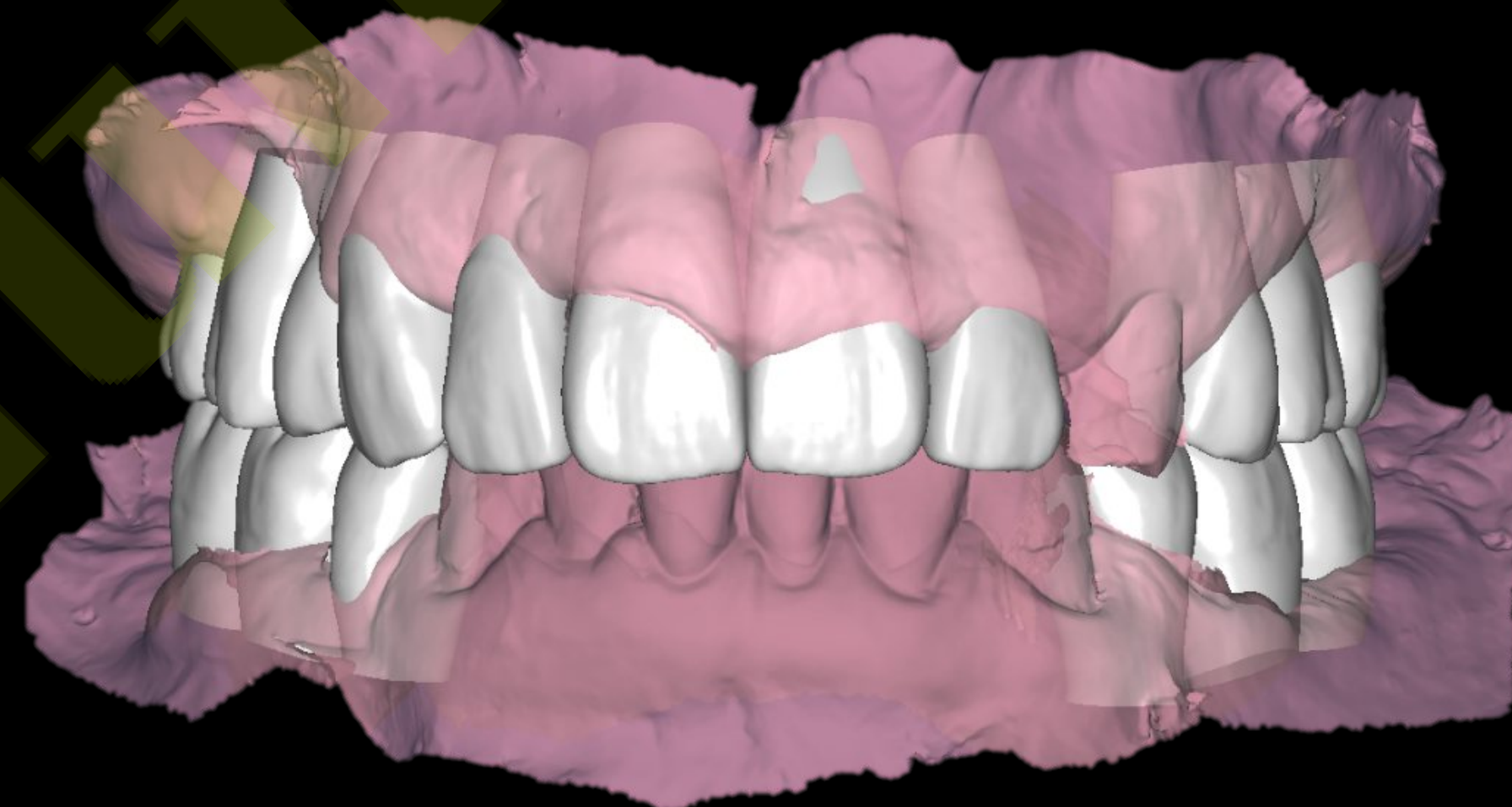
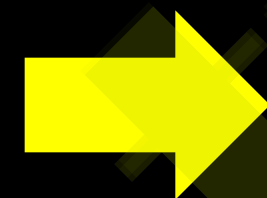
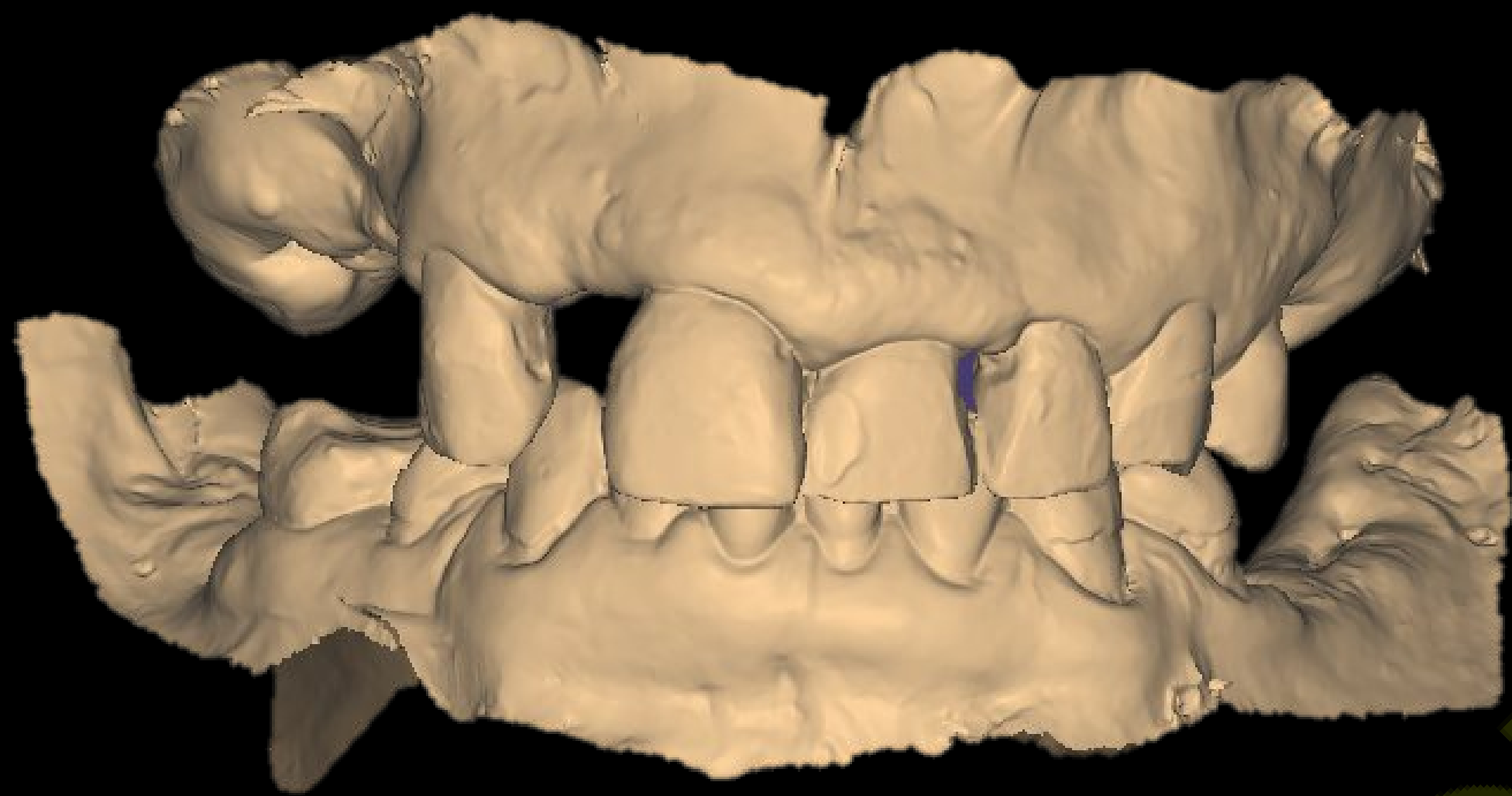






Intra-oral scanning

Virtual set up

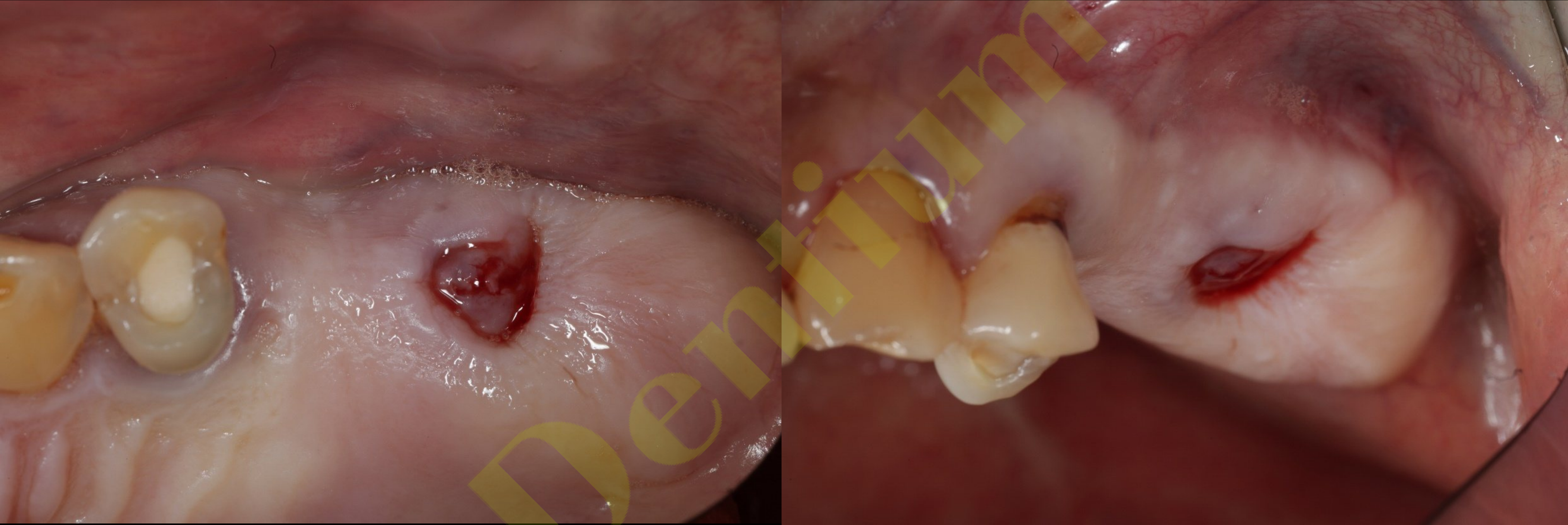


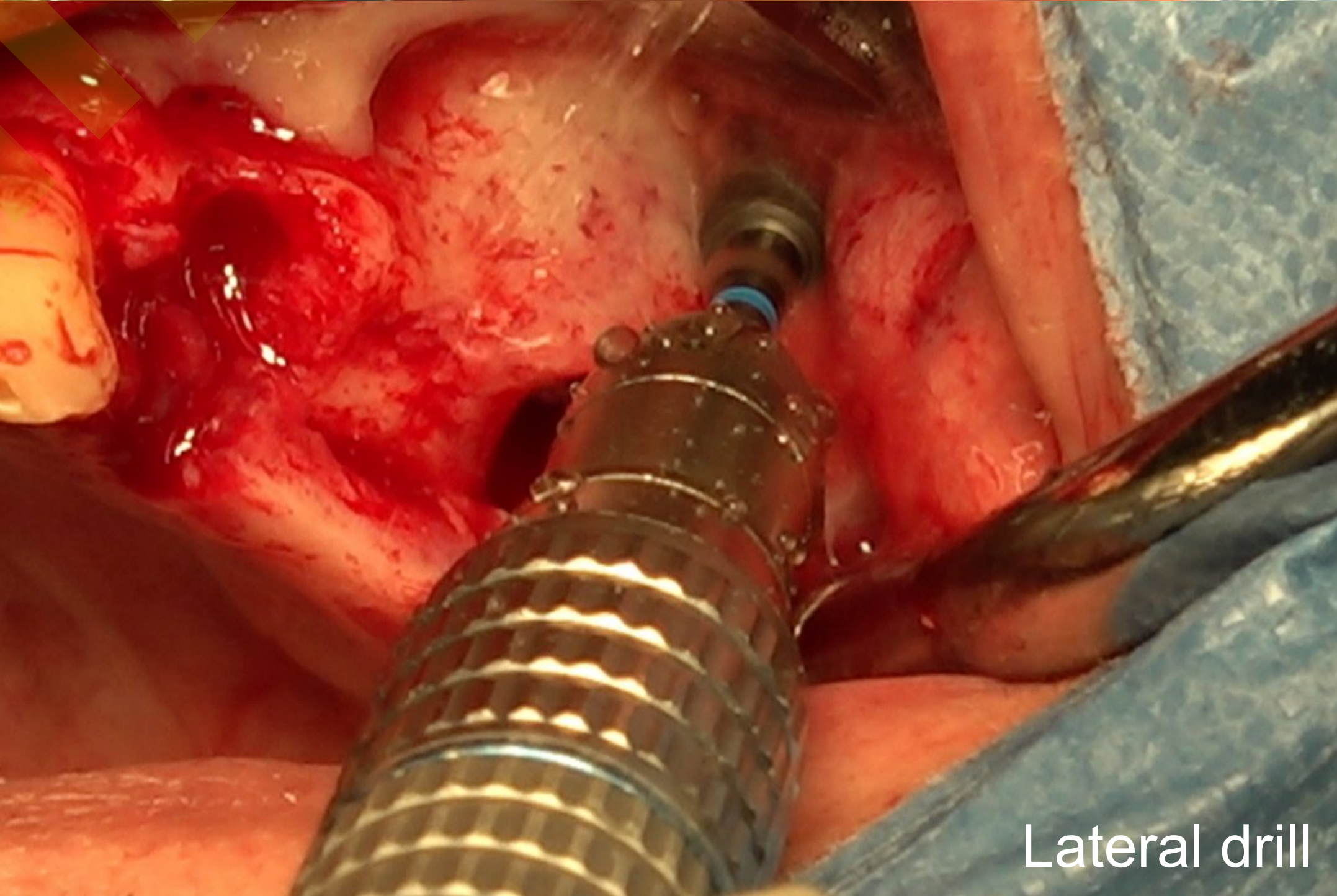
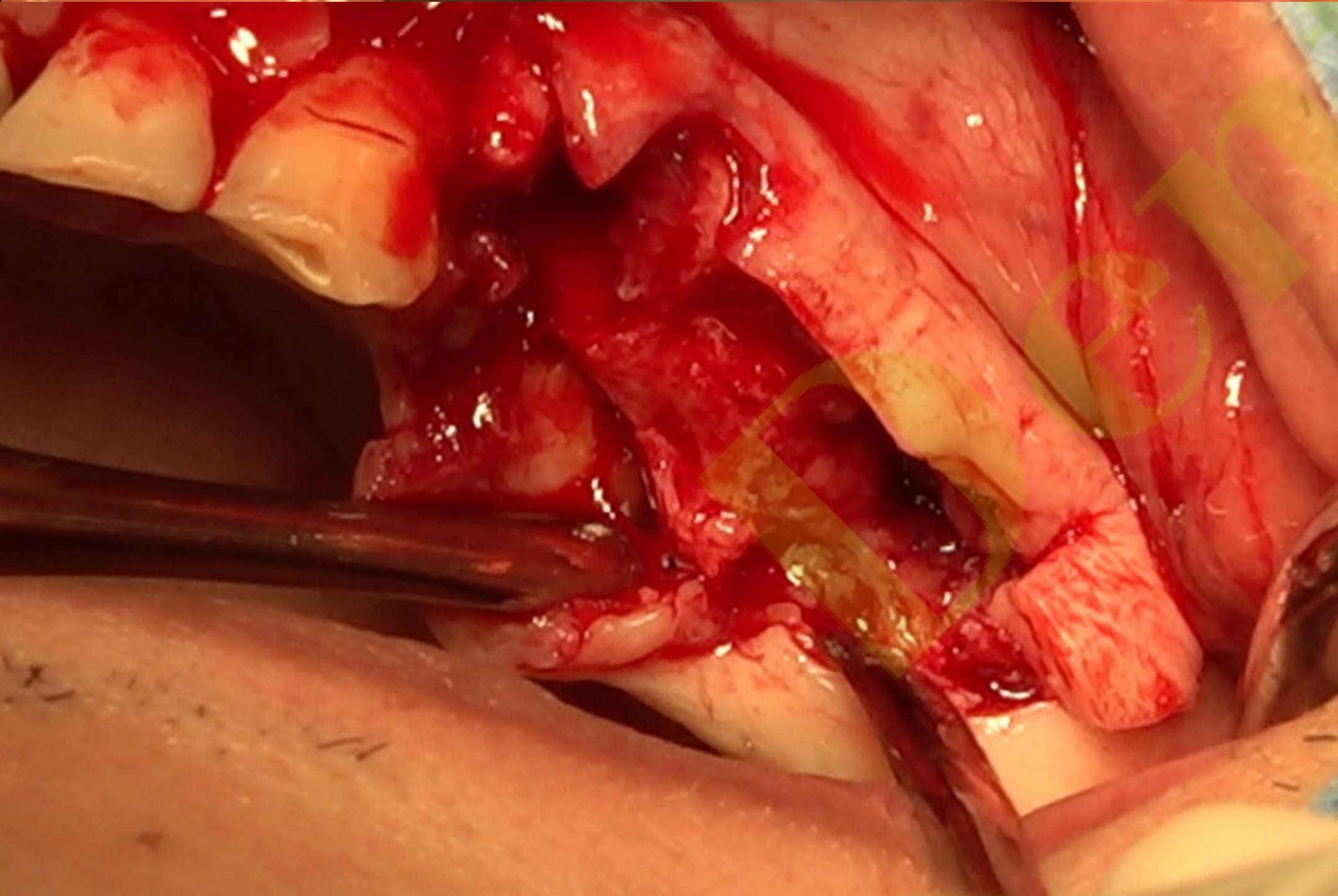
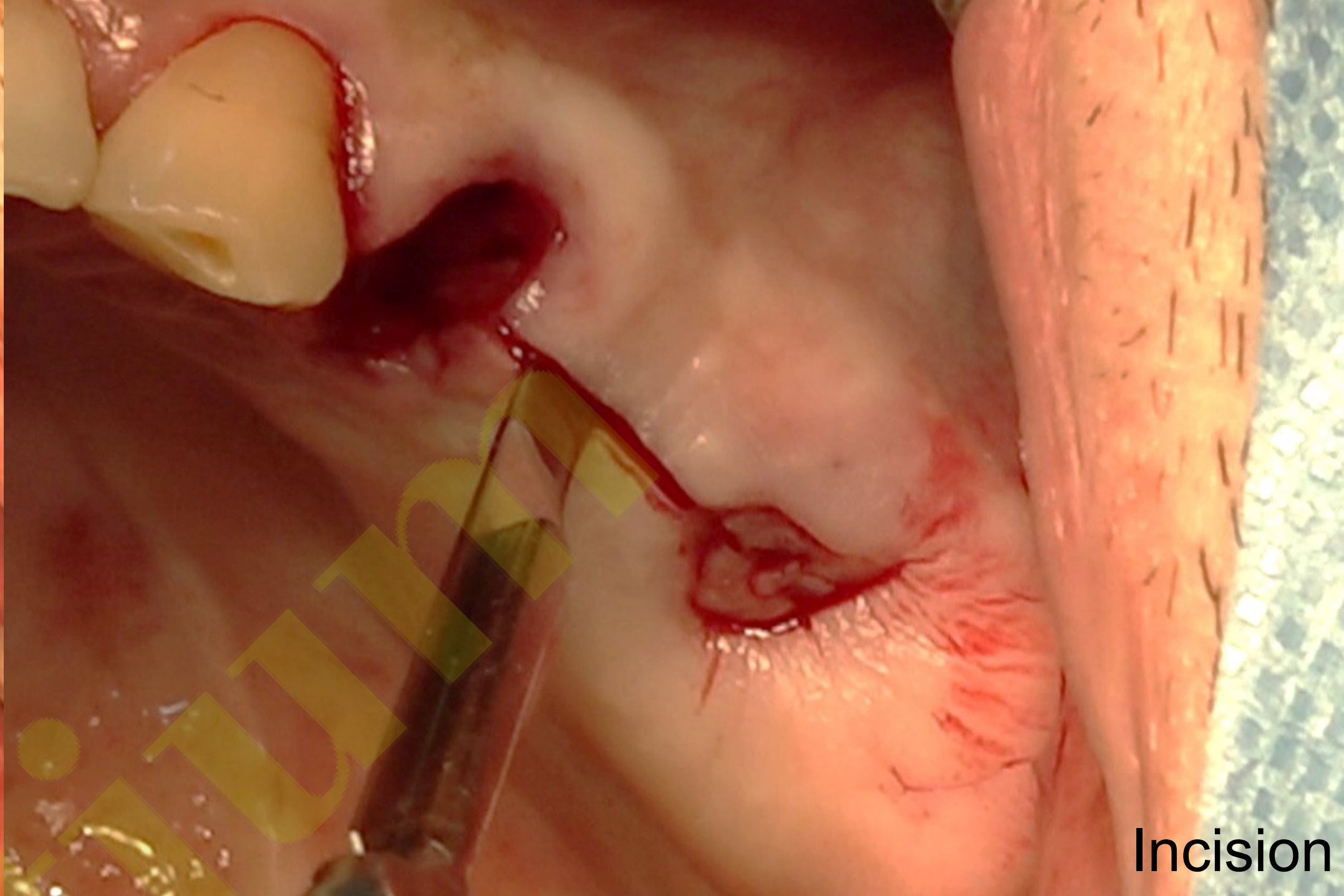
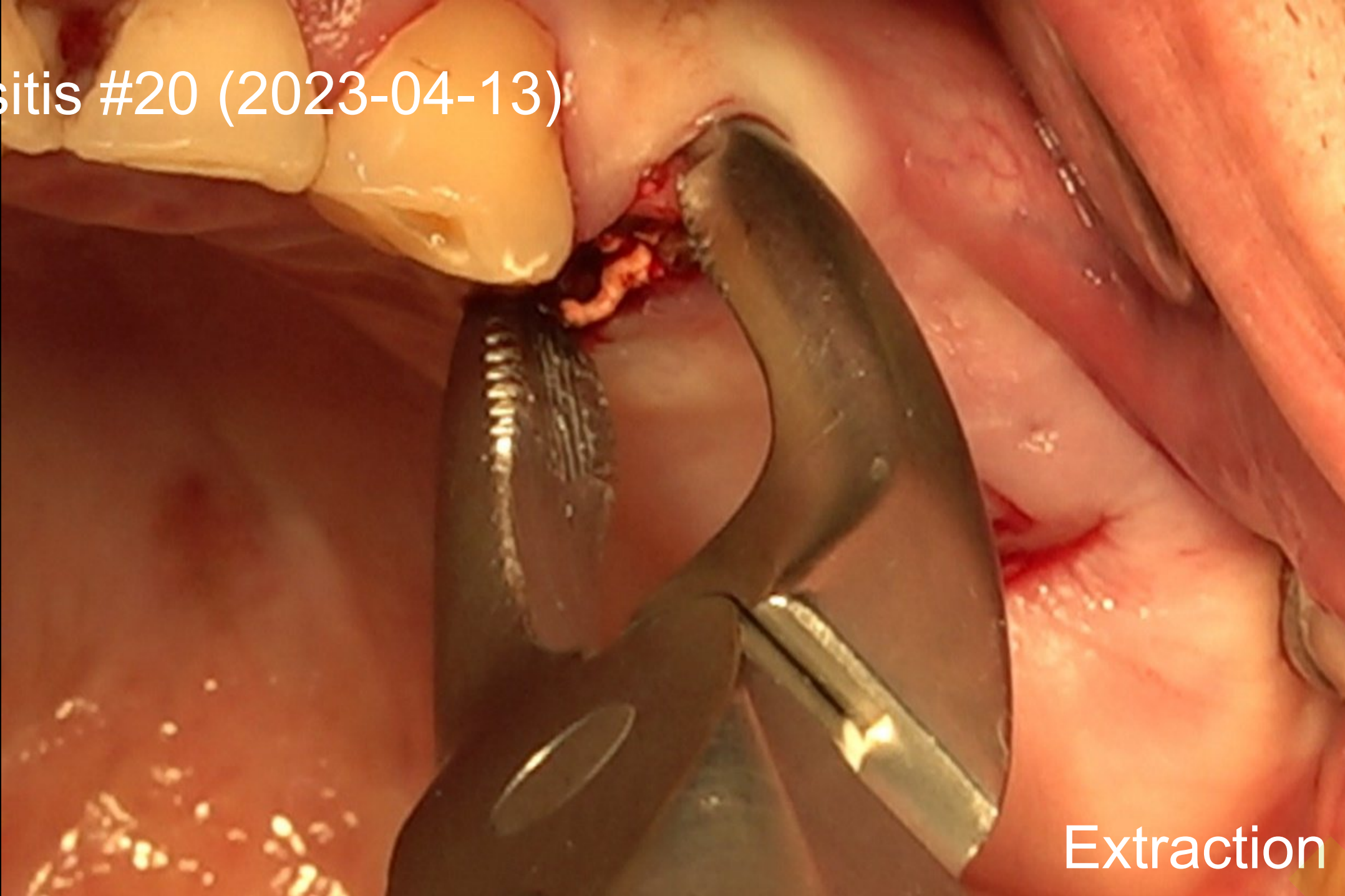
Full mouth reconstruction

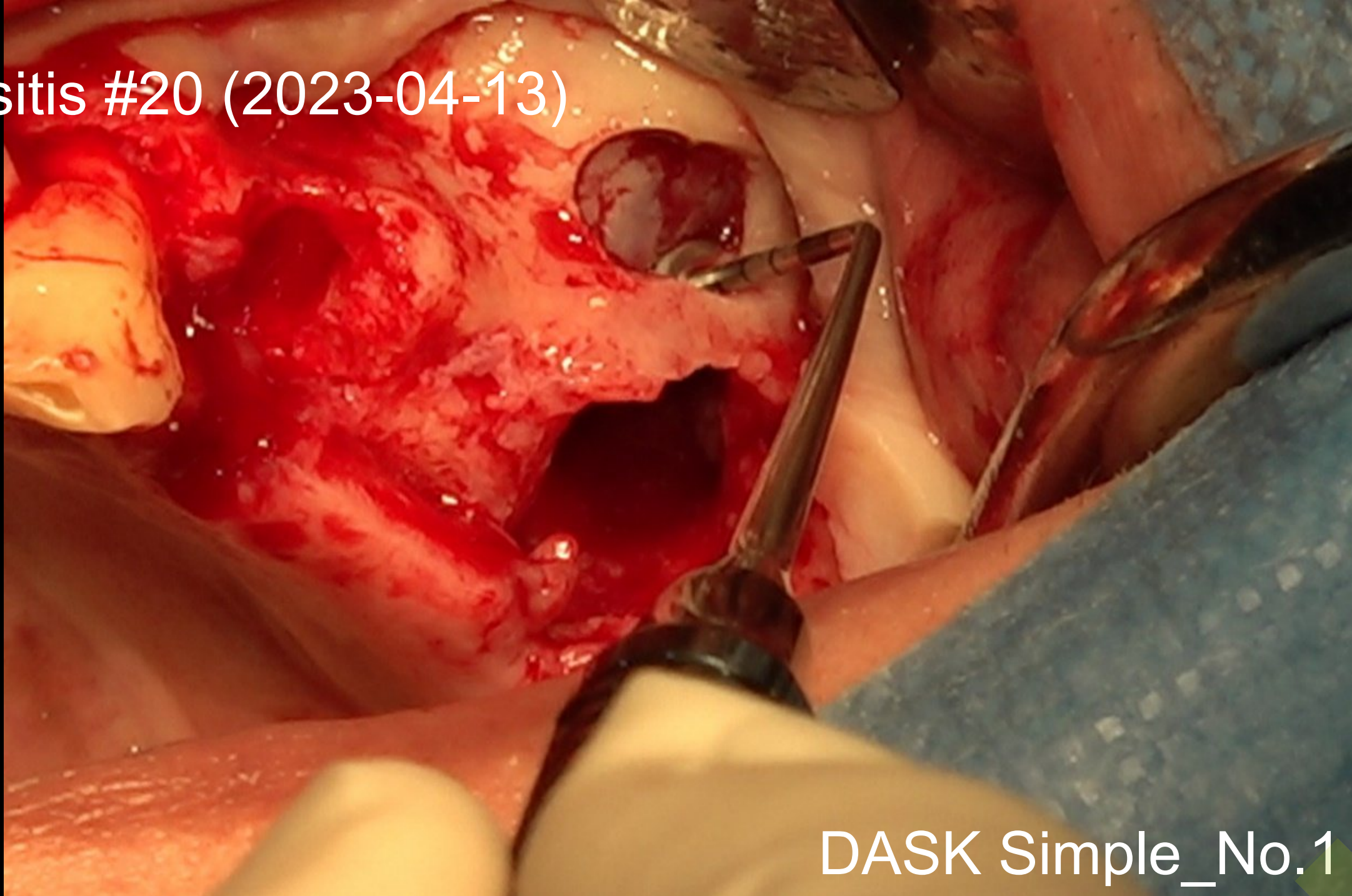
Part 2. Sinus elevation and complication solving



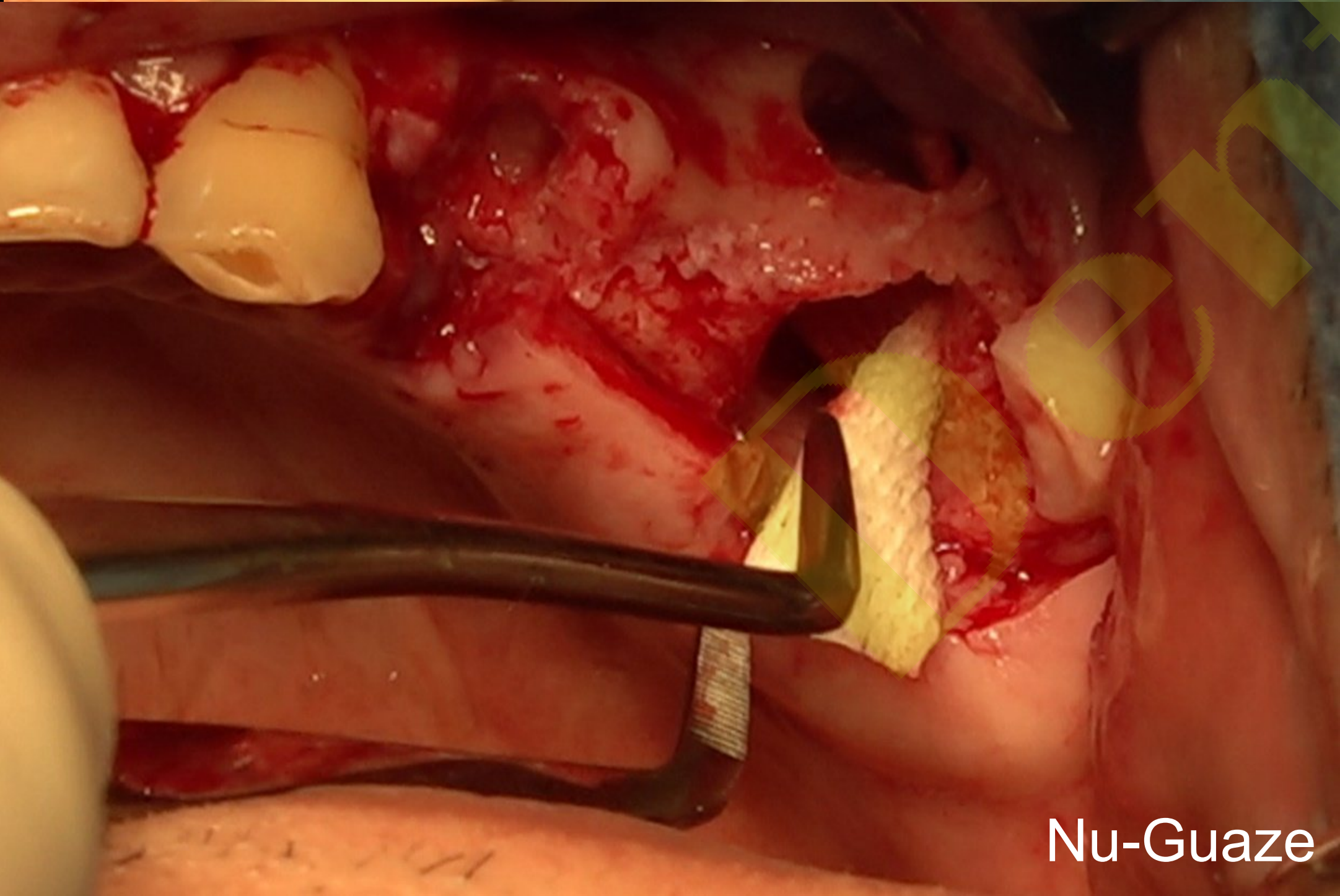
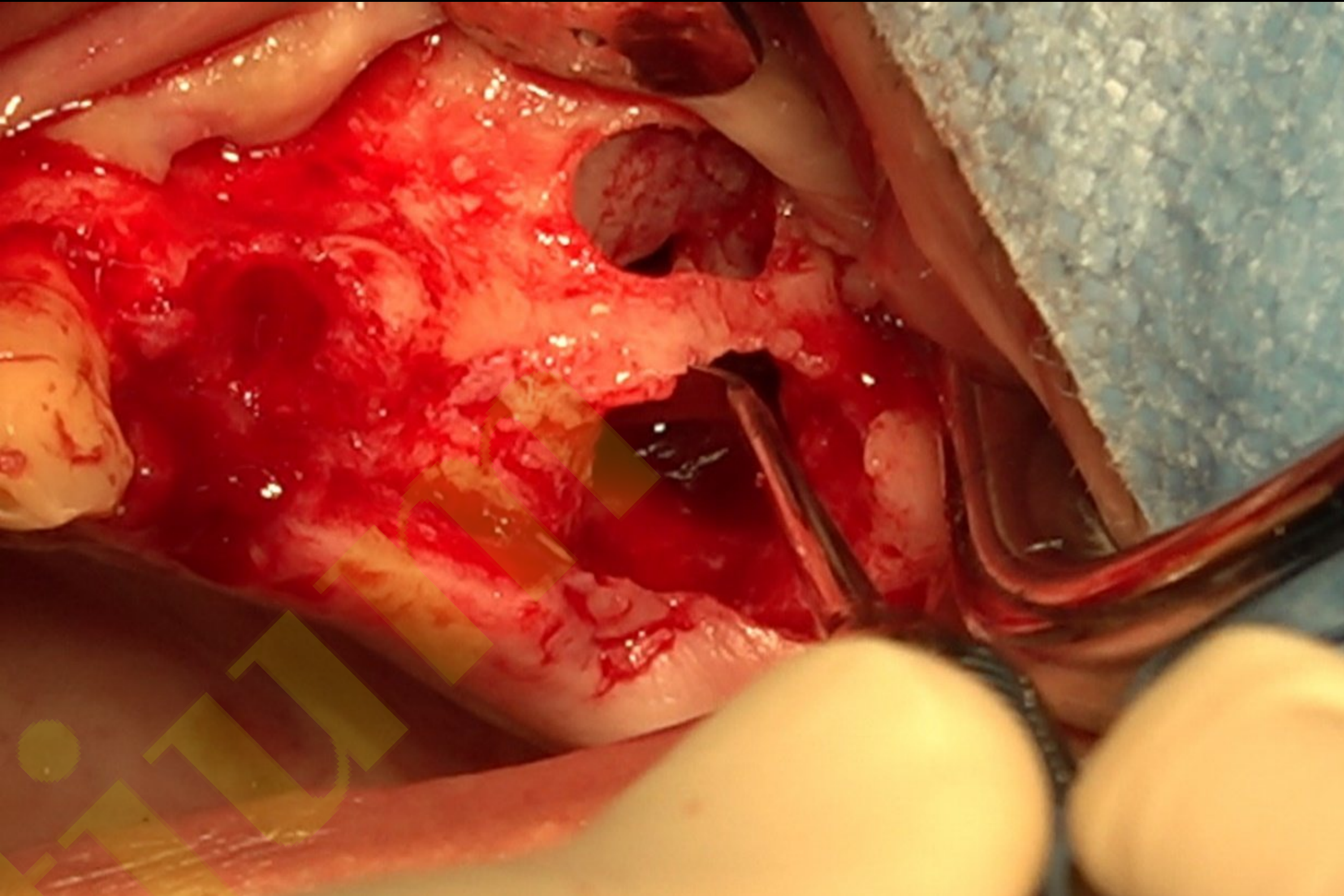
Pre-op (2023-04-13)



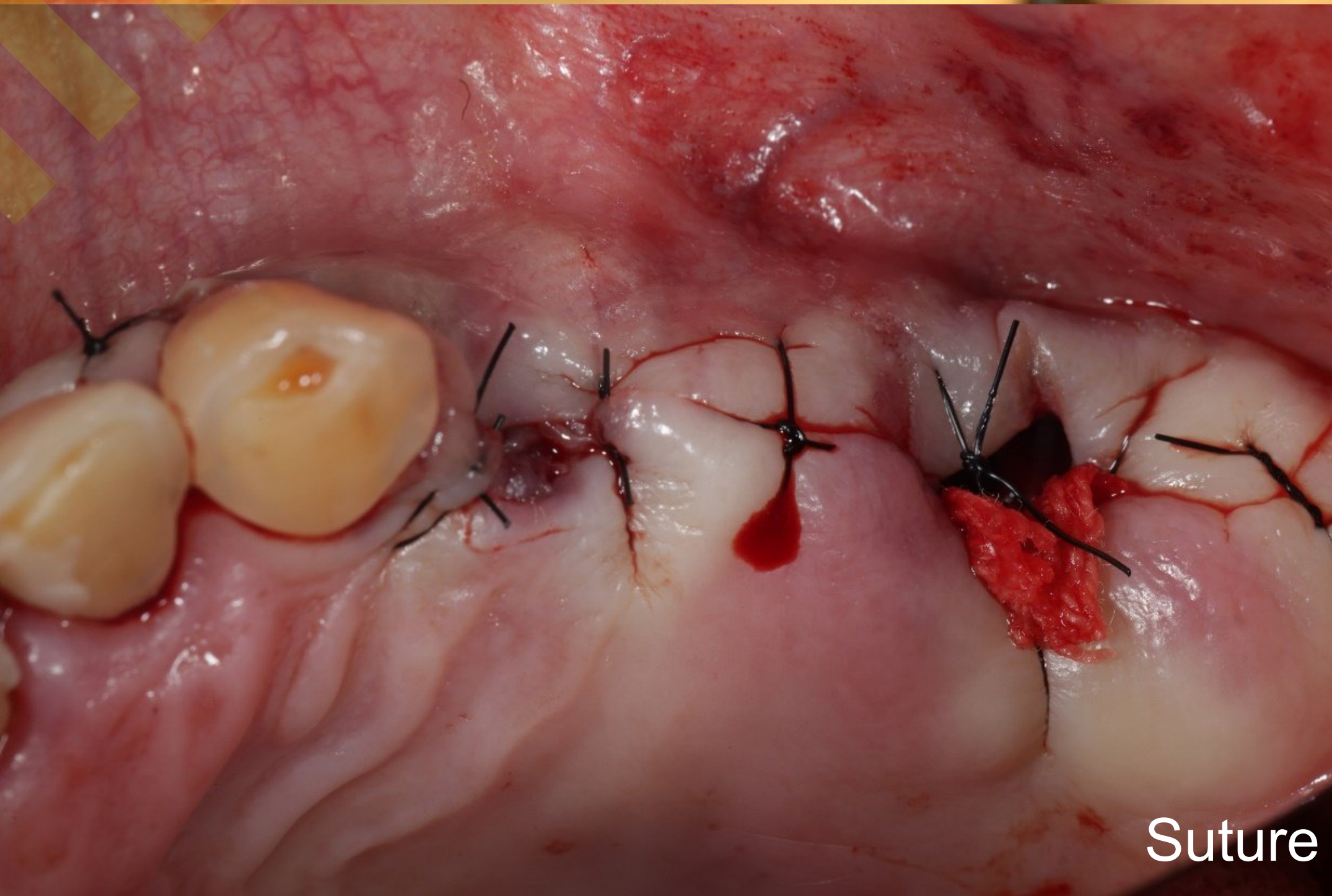




DASK Simple_No.1

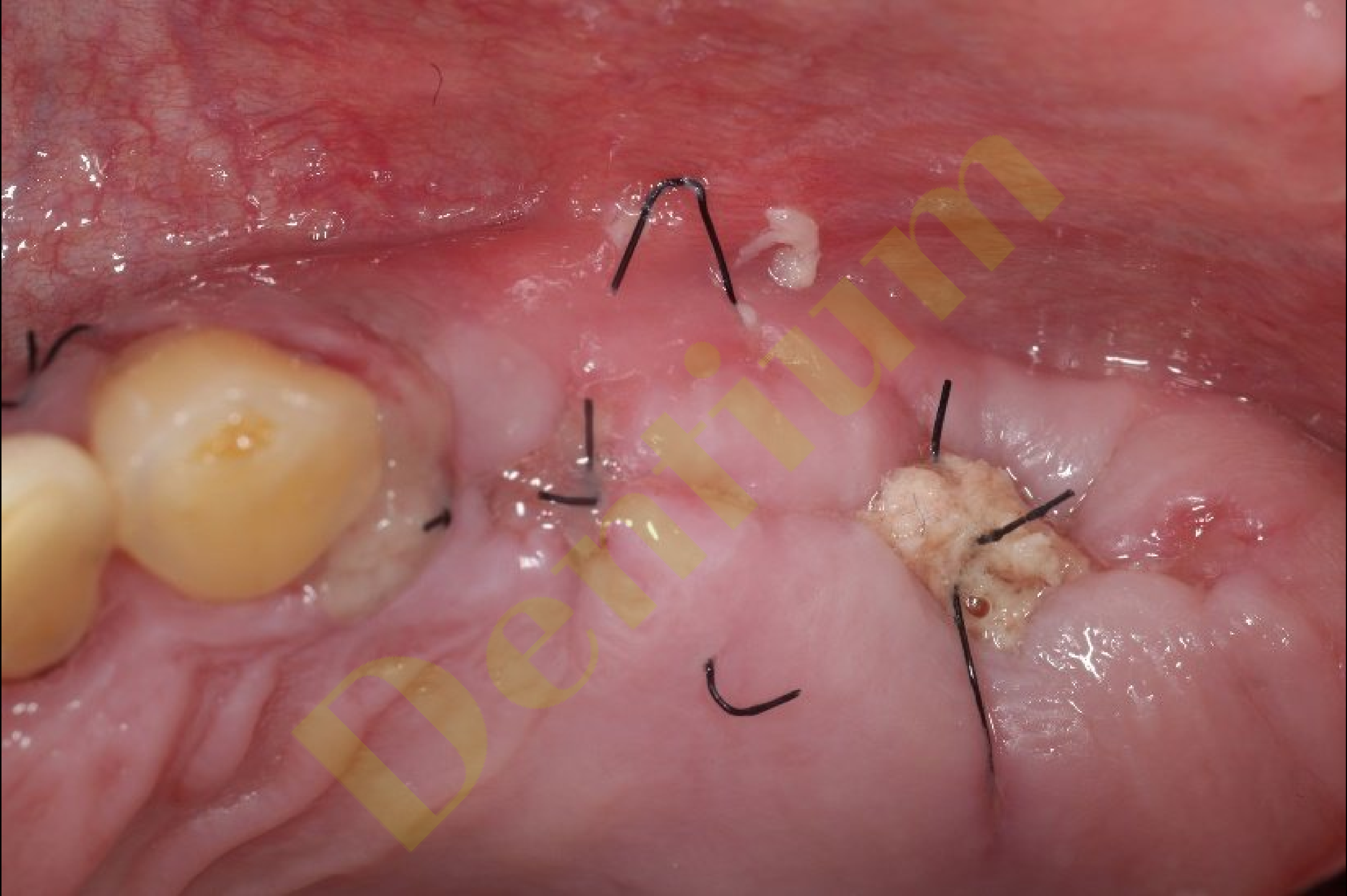


Nu-Guaze



Suture

Healing : 1 week after drain (2023-04-17)

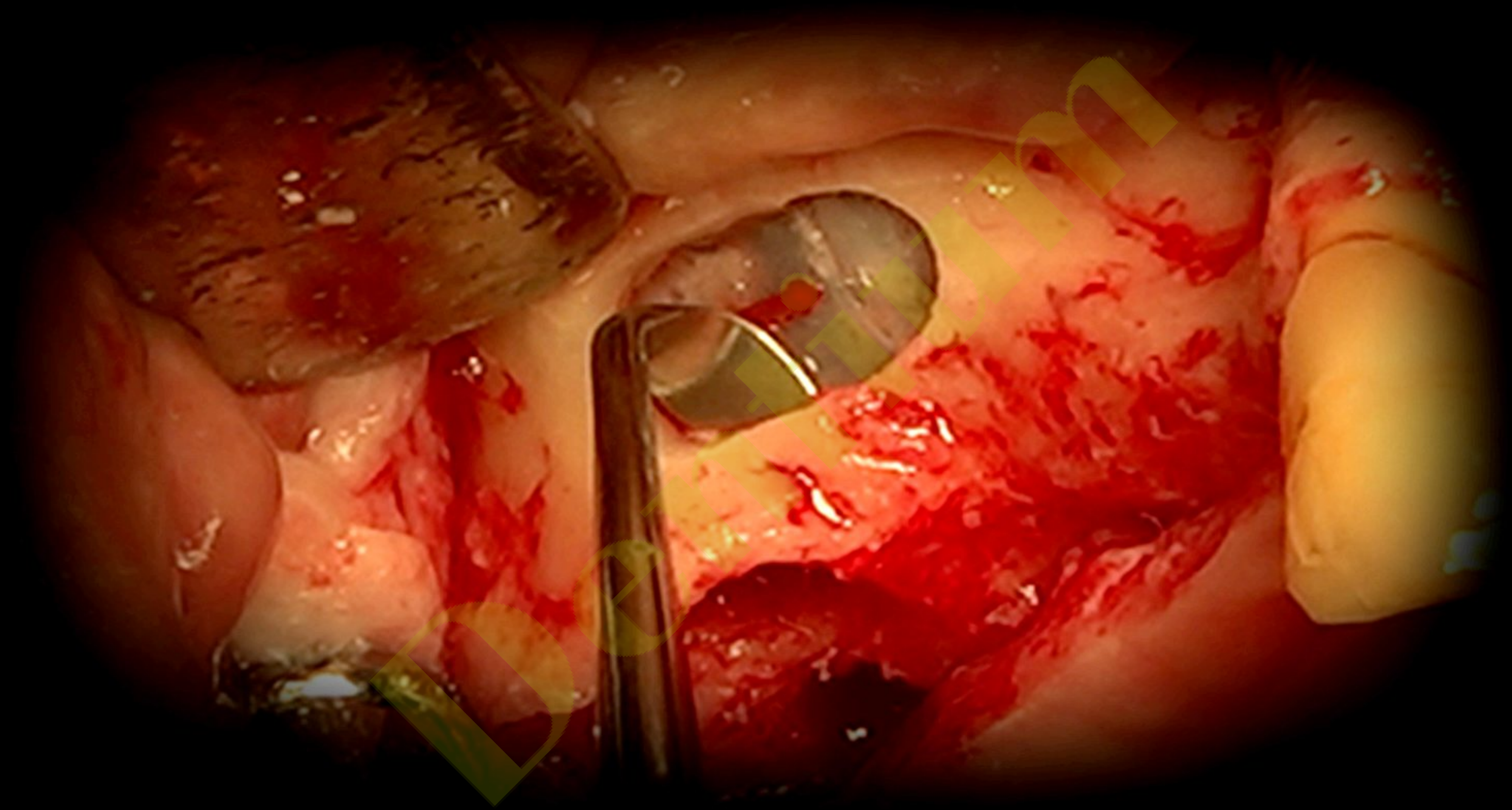


Healing : 1 month after drain (2023-05-04)

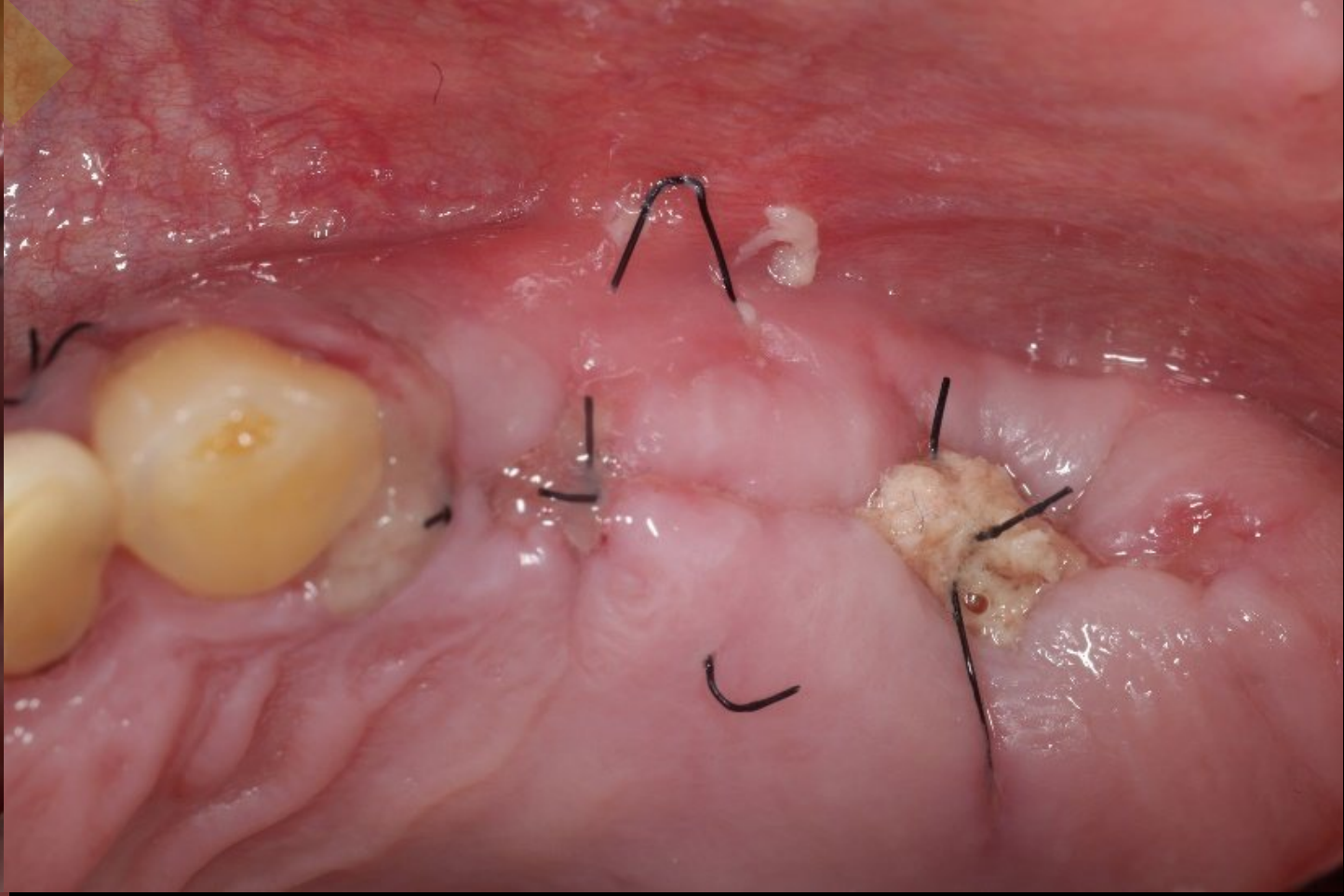


Full mouth reconstruction

Part 3. Narrow but Strong Implant for Narrow alveolar ridge



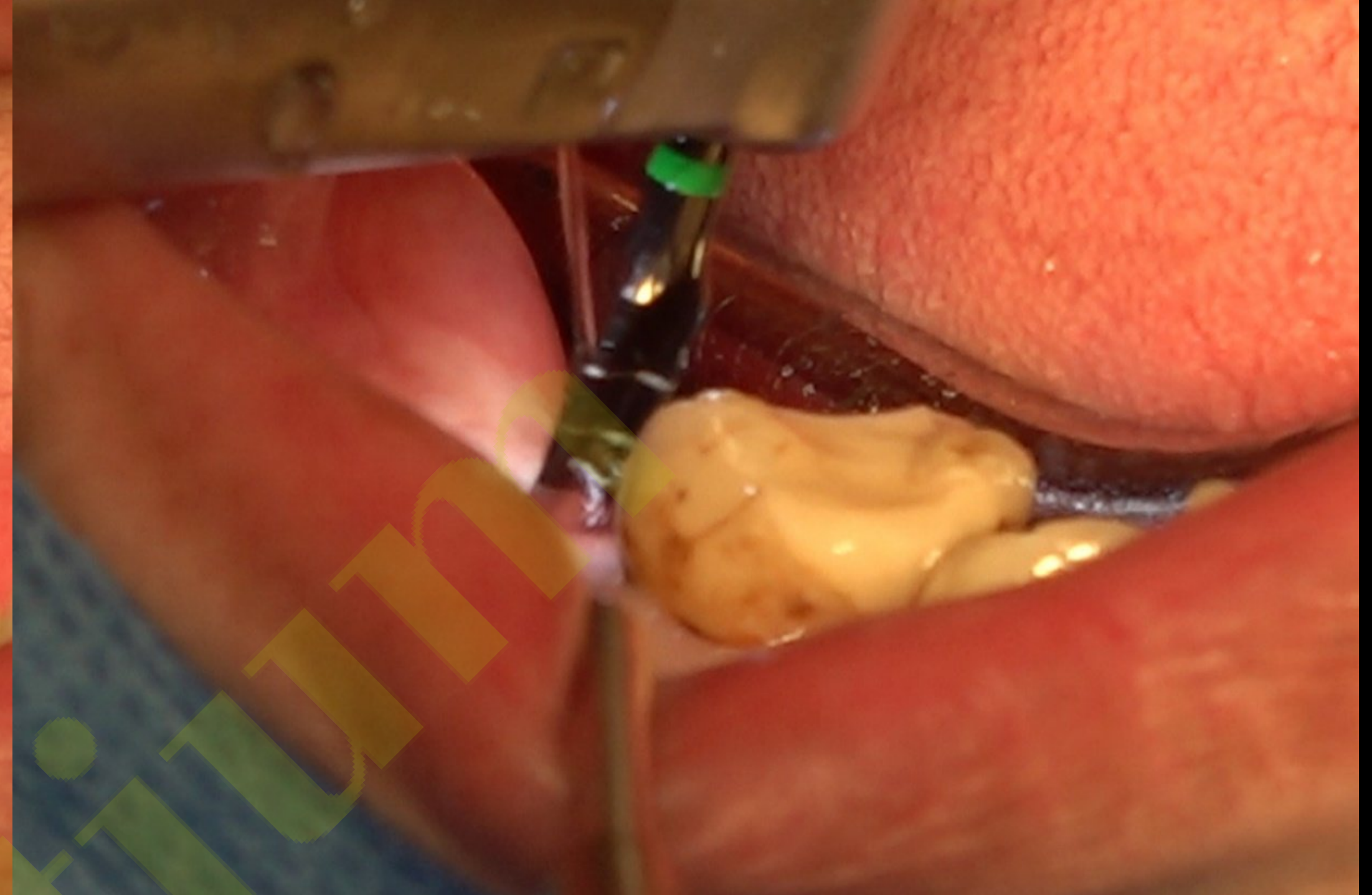
Pre-op (2023-04-17)



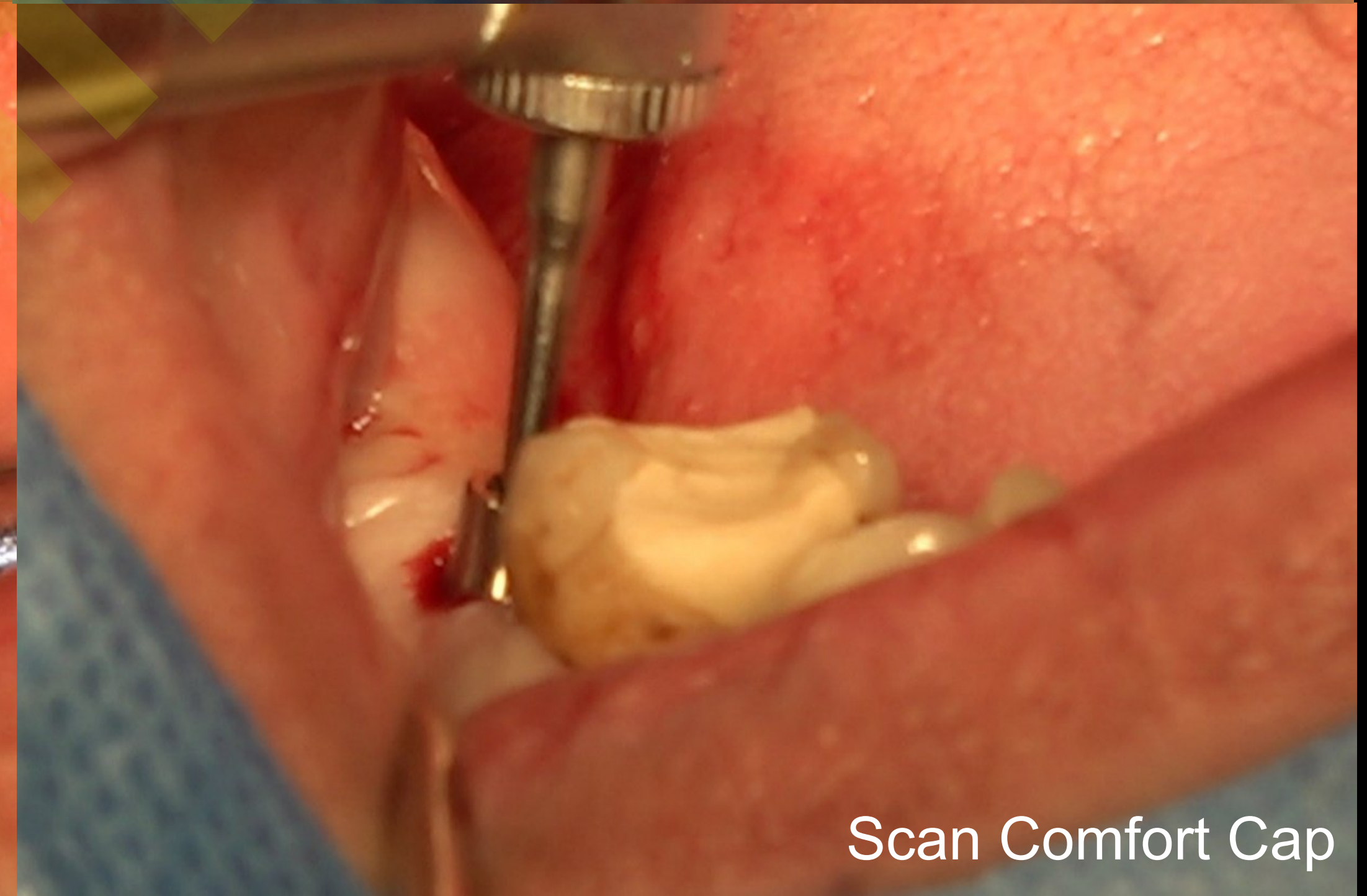
Surgery #47 (2023-04-17)



Guide drill

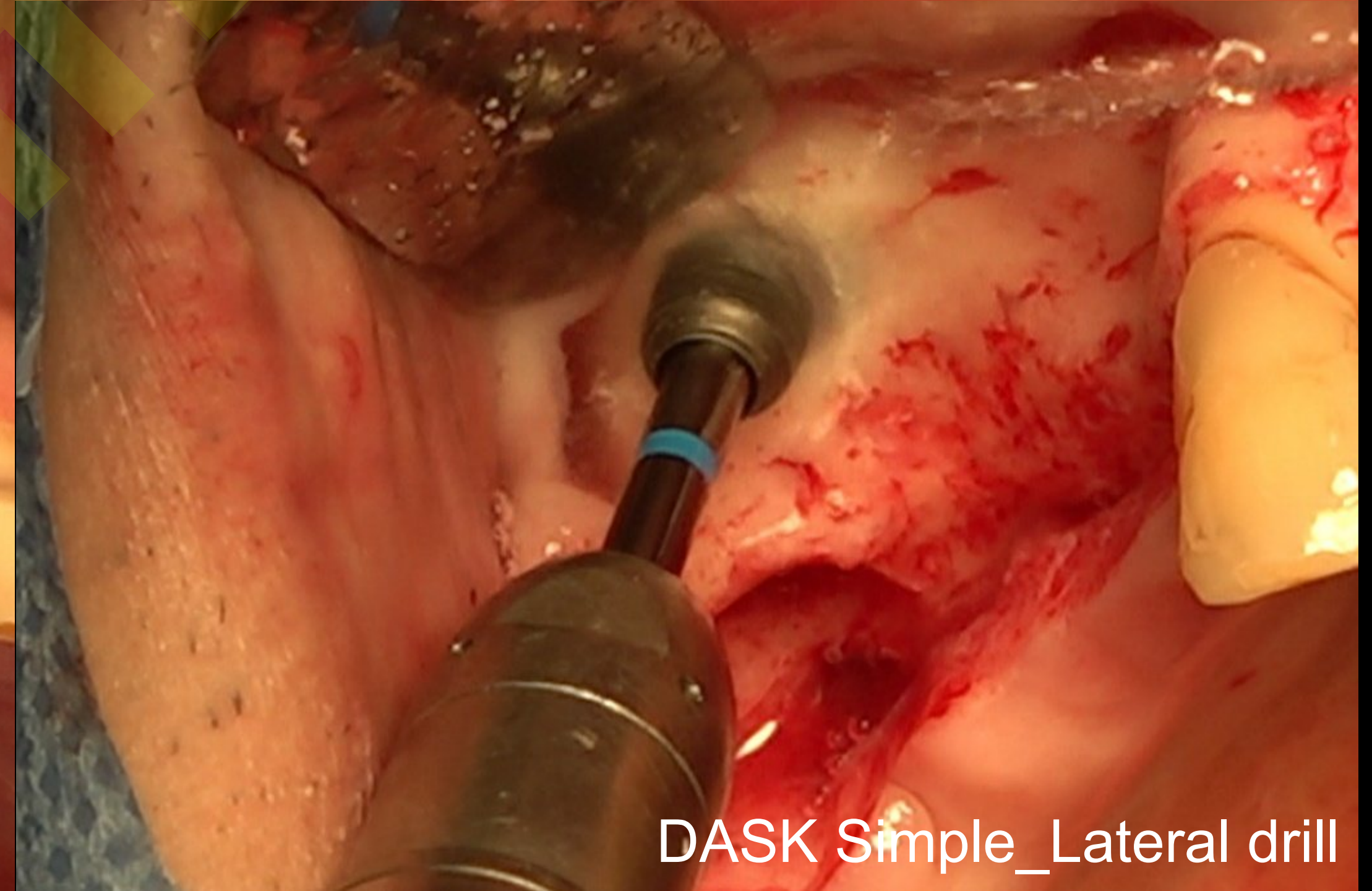
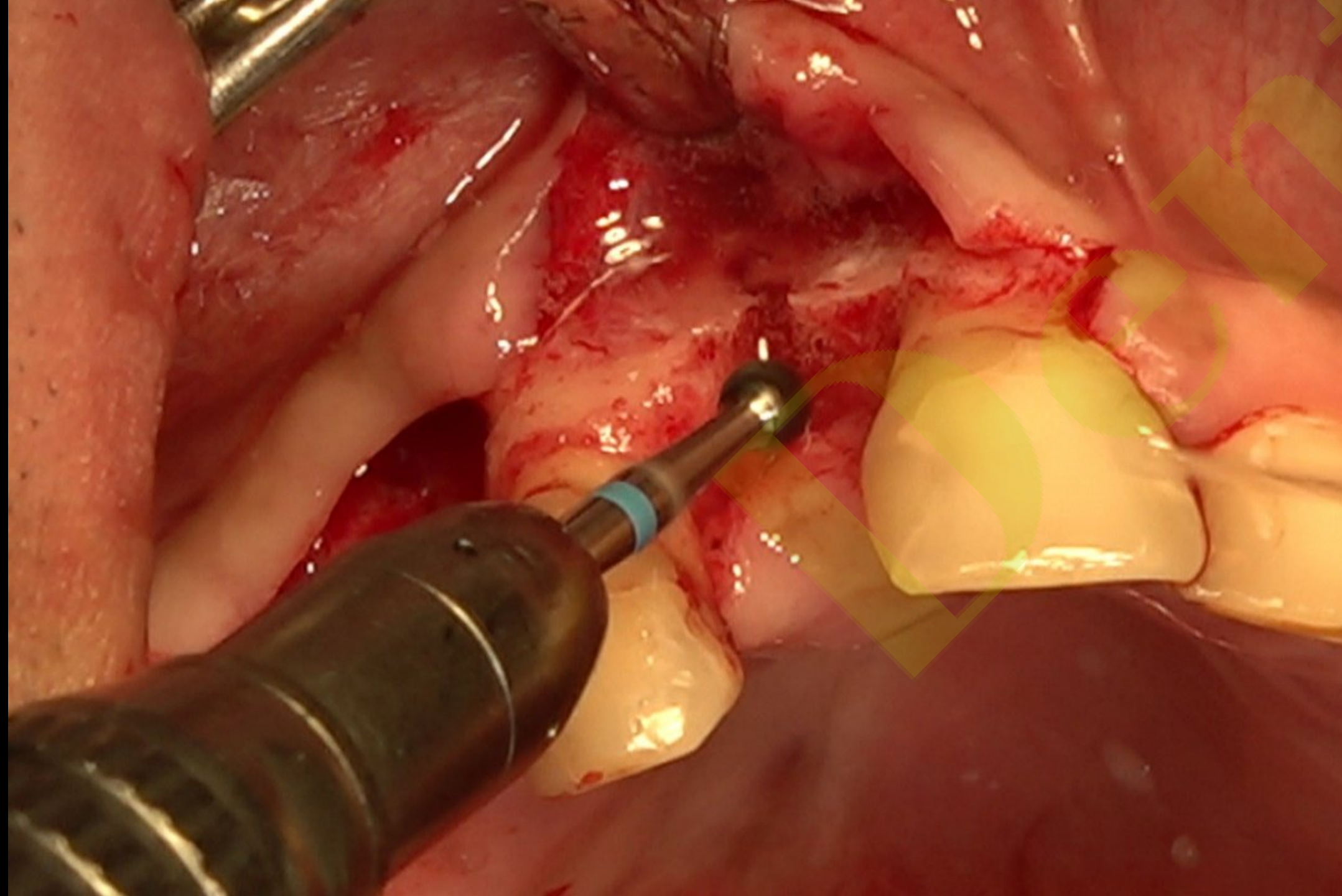
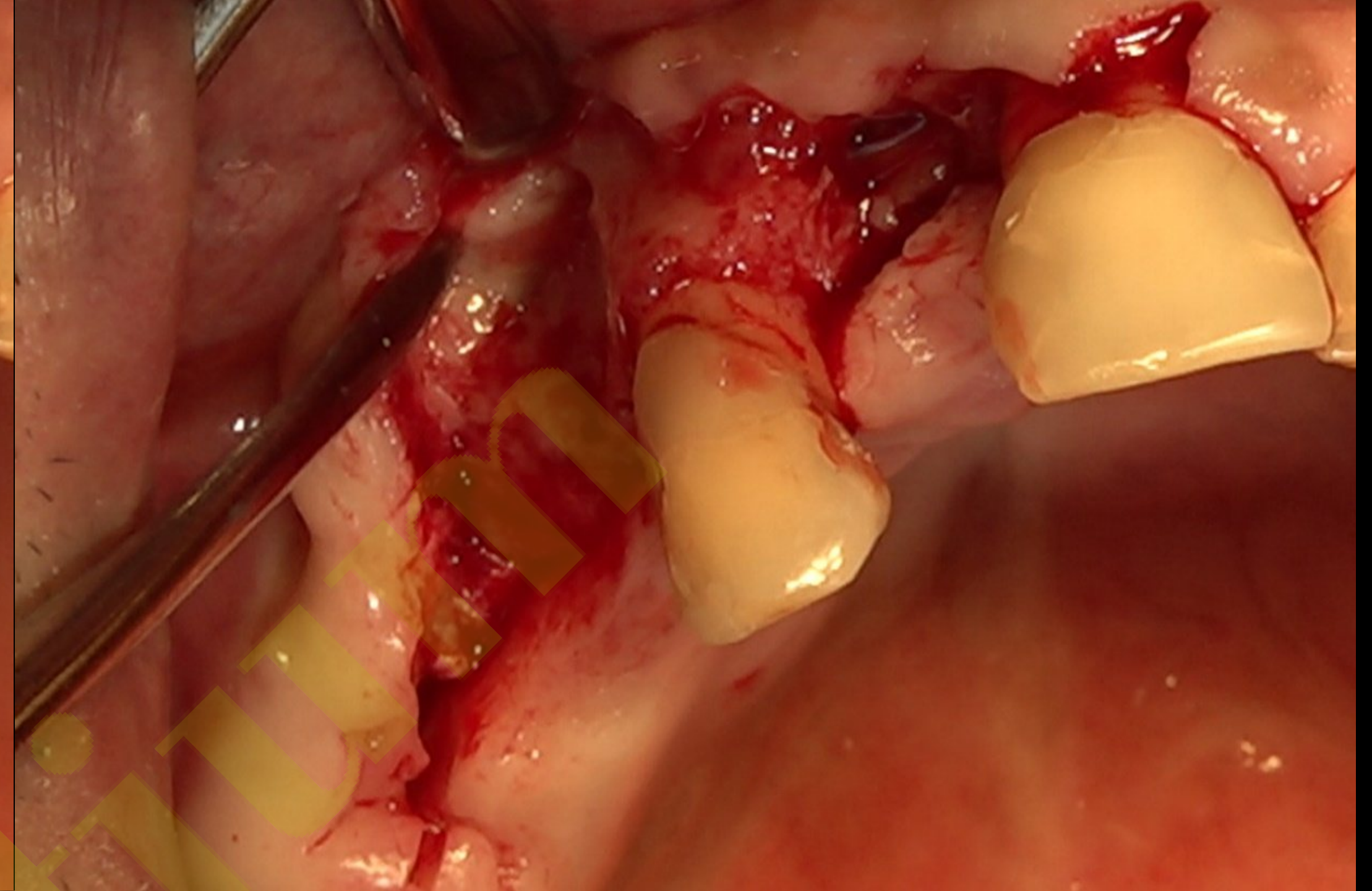
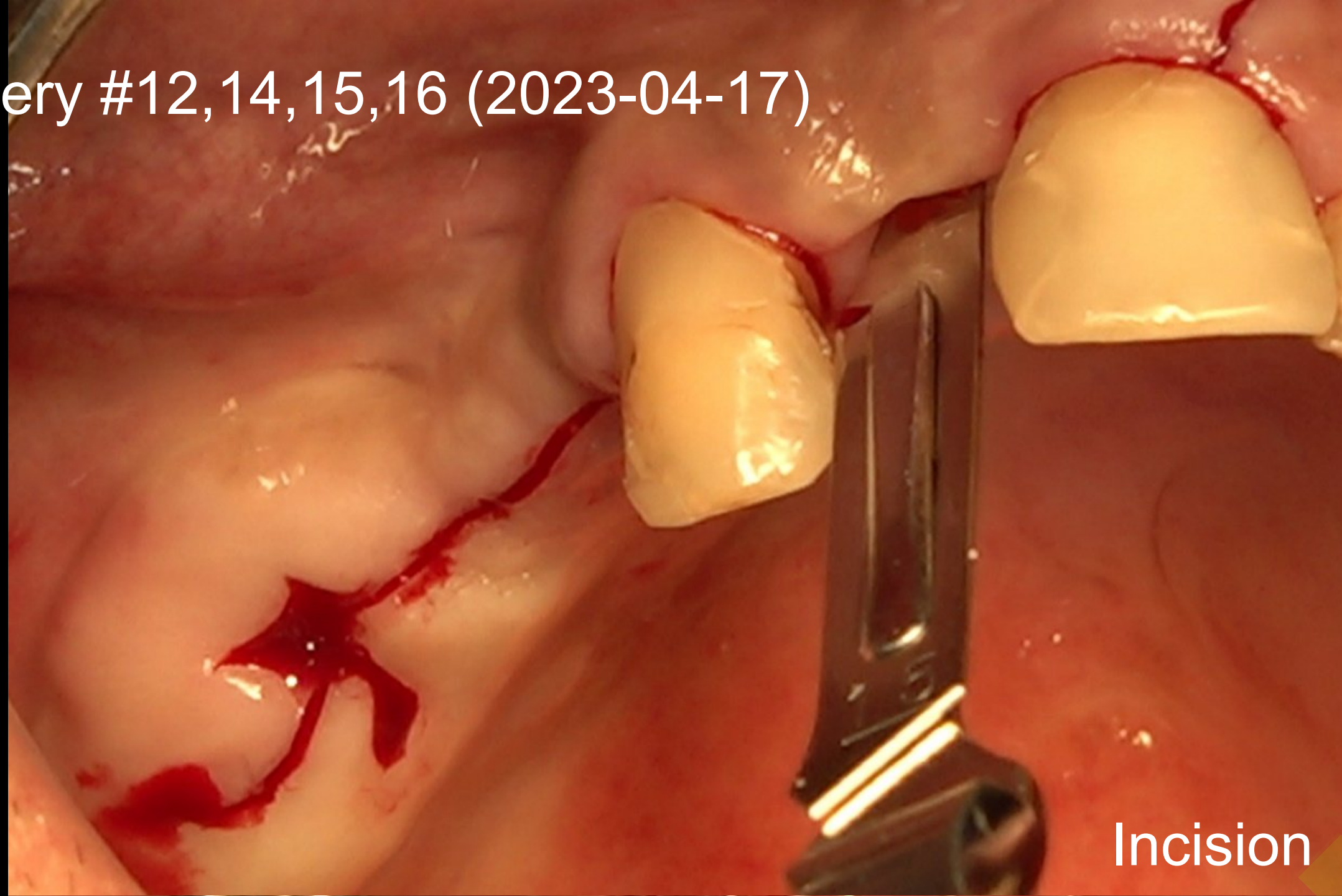


bright TL (Ø4.5 X 7.0)

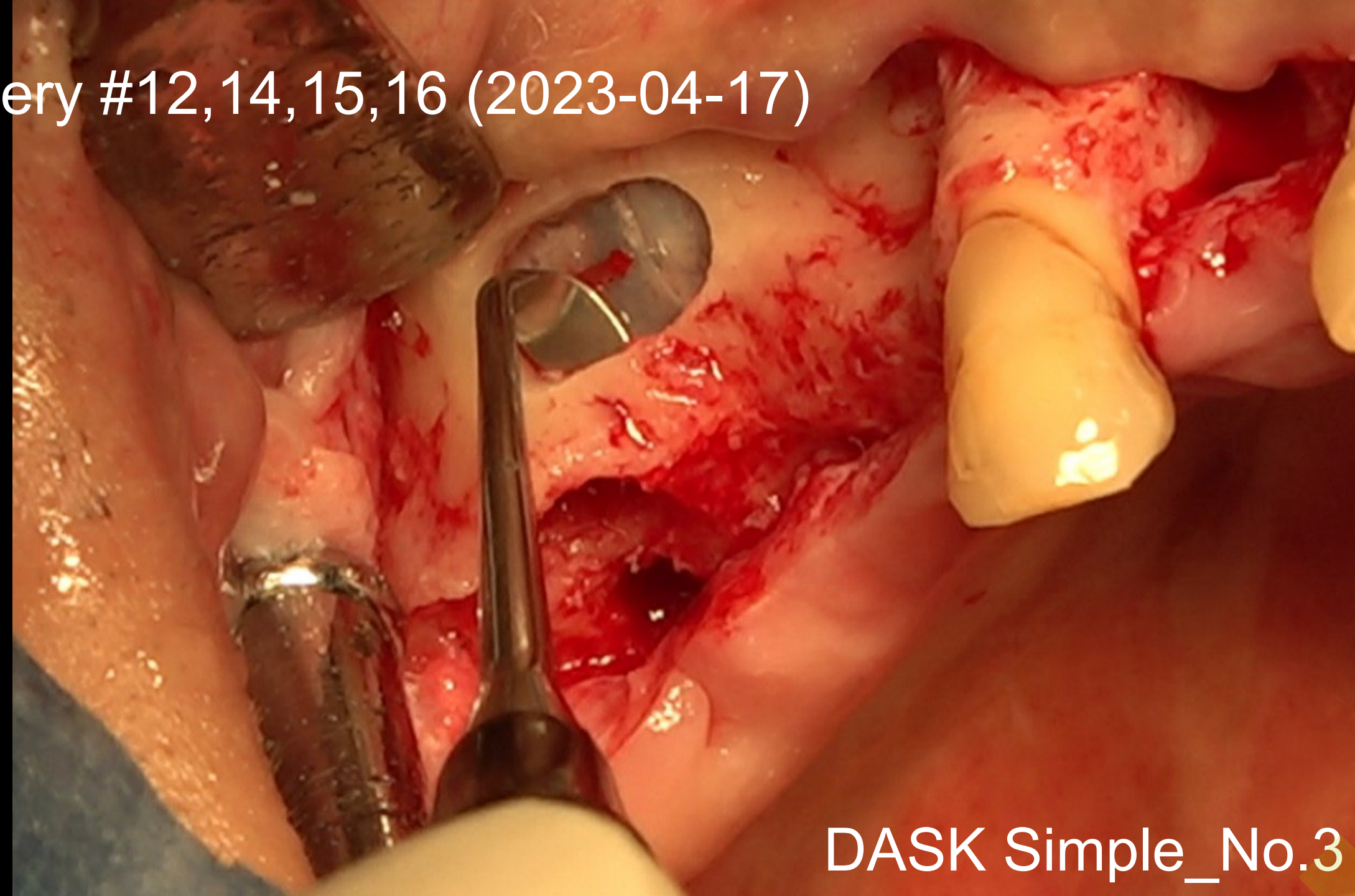


Scan Comfort Cap

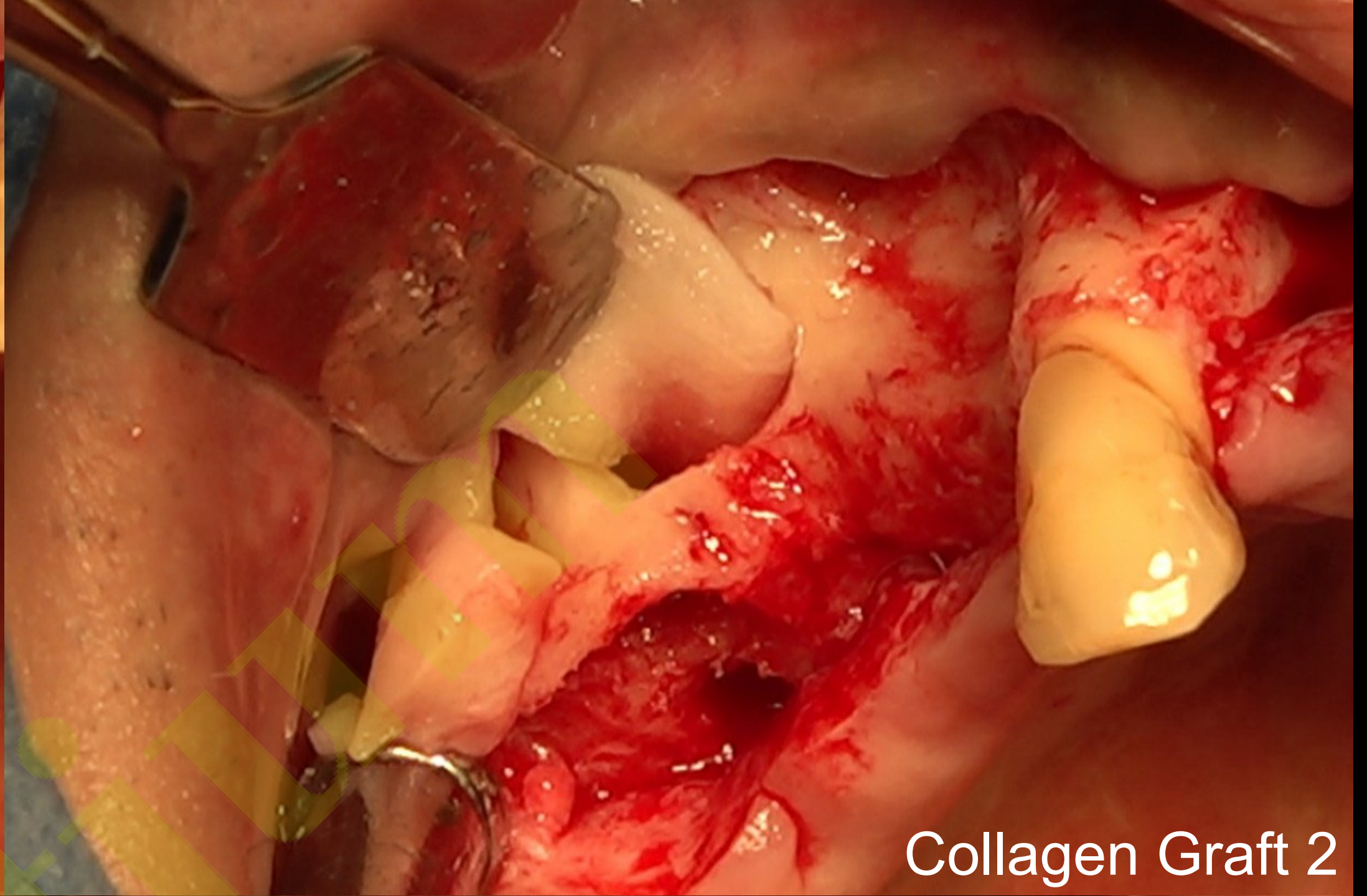
Surgery #12,14,15,16 (2023-04-17)



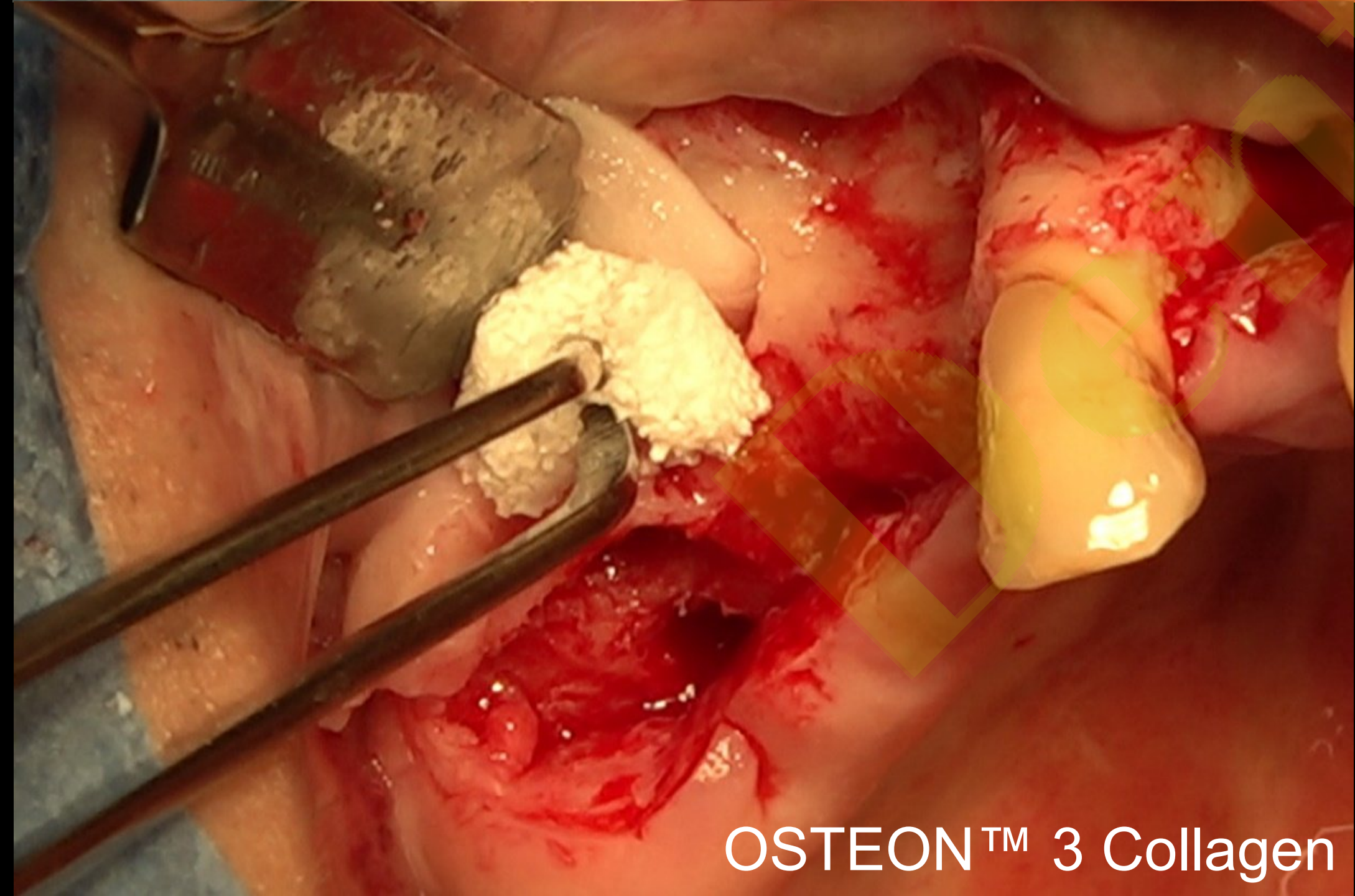
Surgery #12,14,15,16 (2023-04-17)



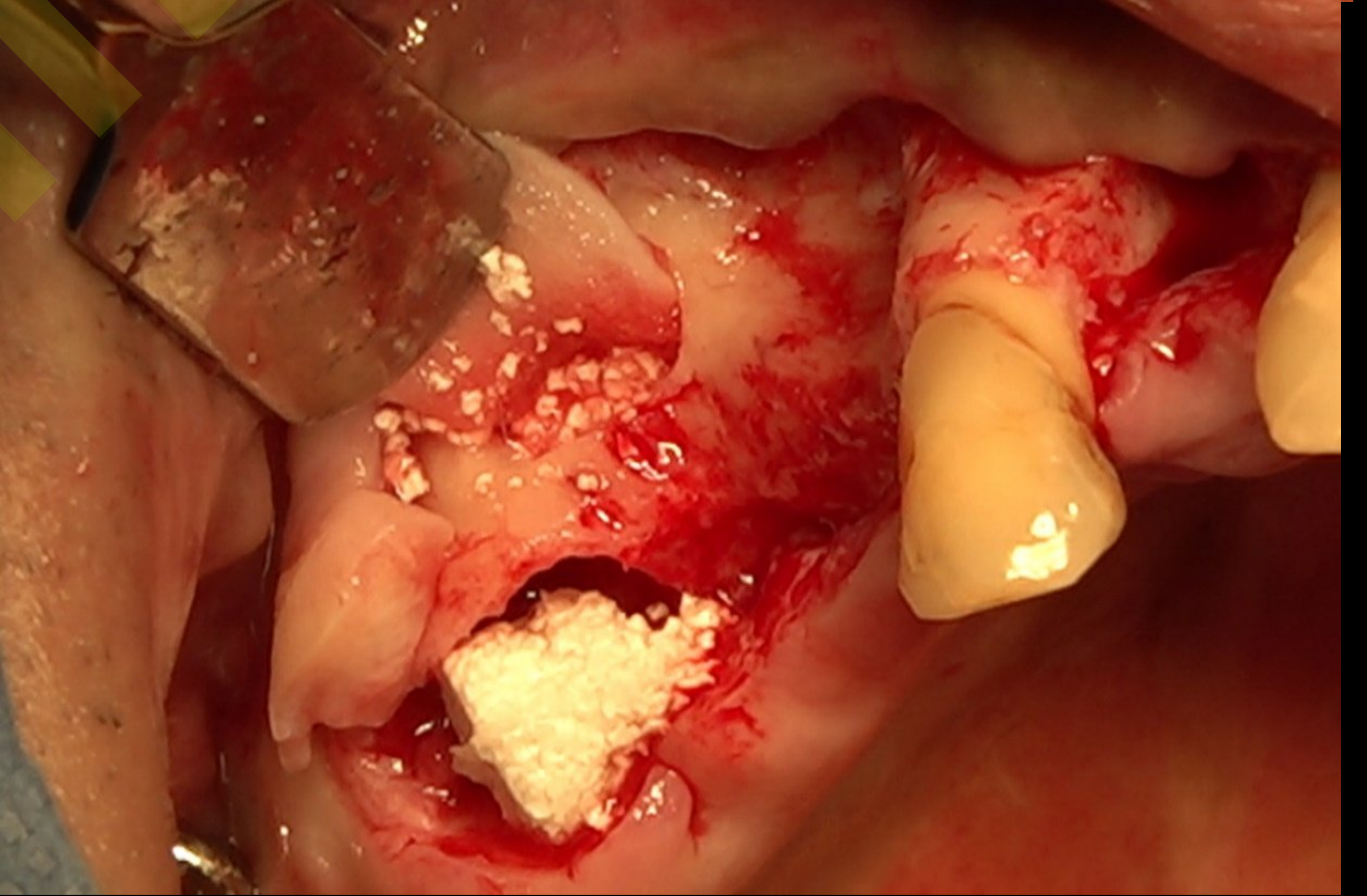
DASK Simple_No.3



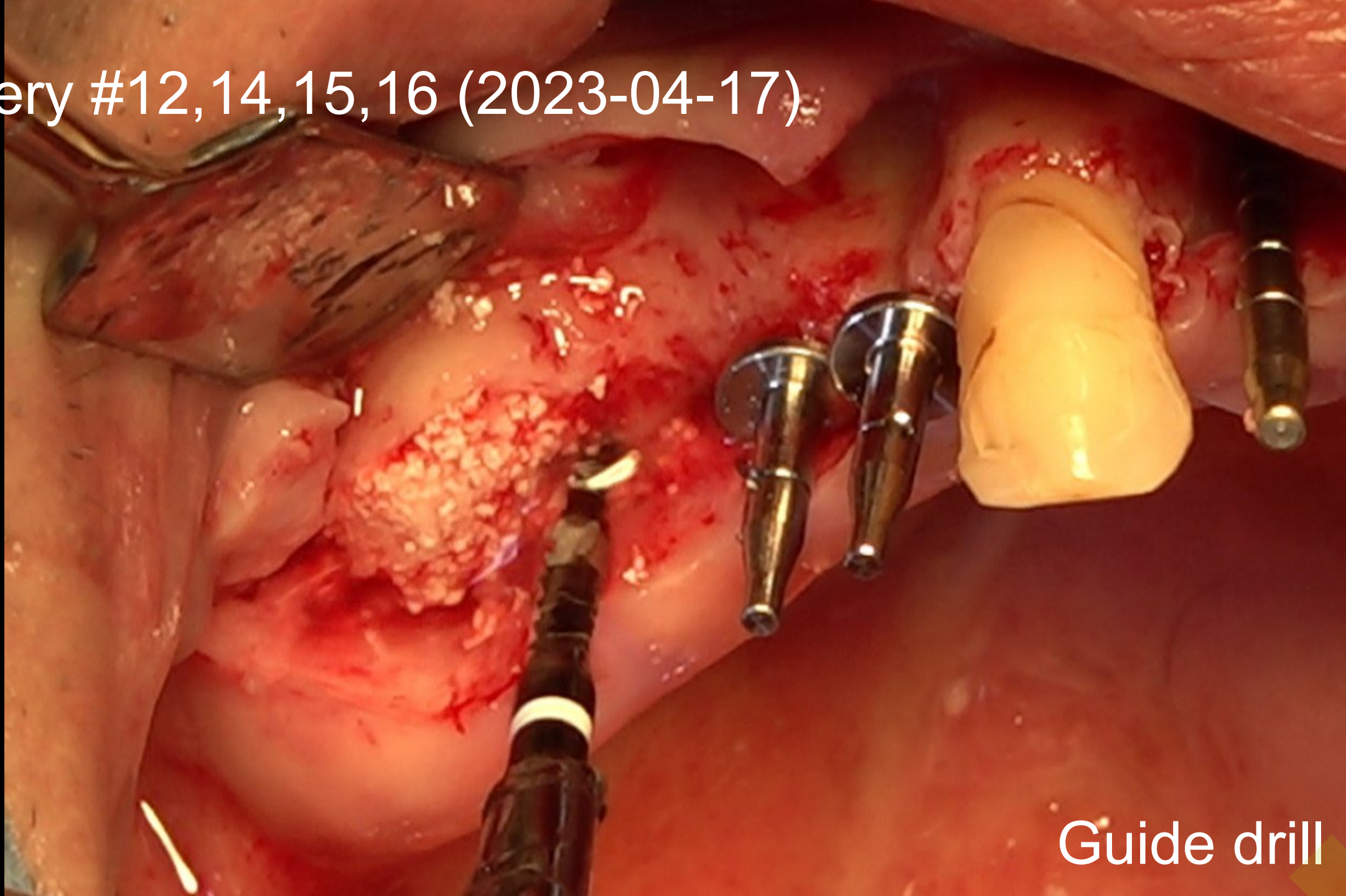
Collagen Graft 2



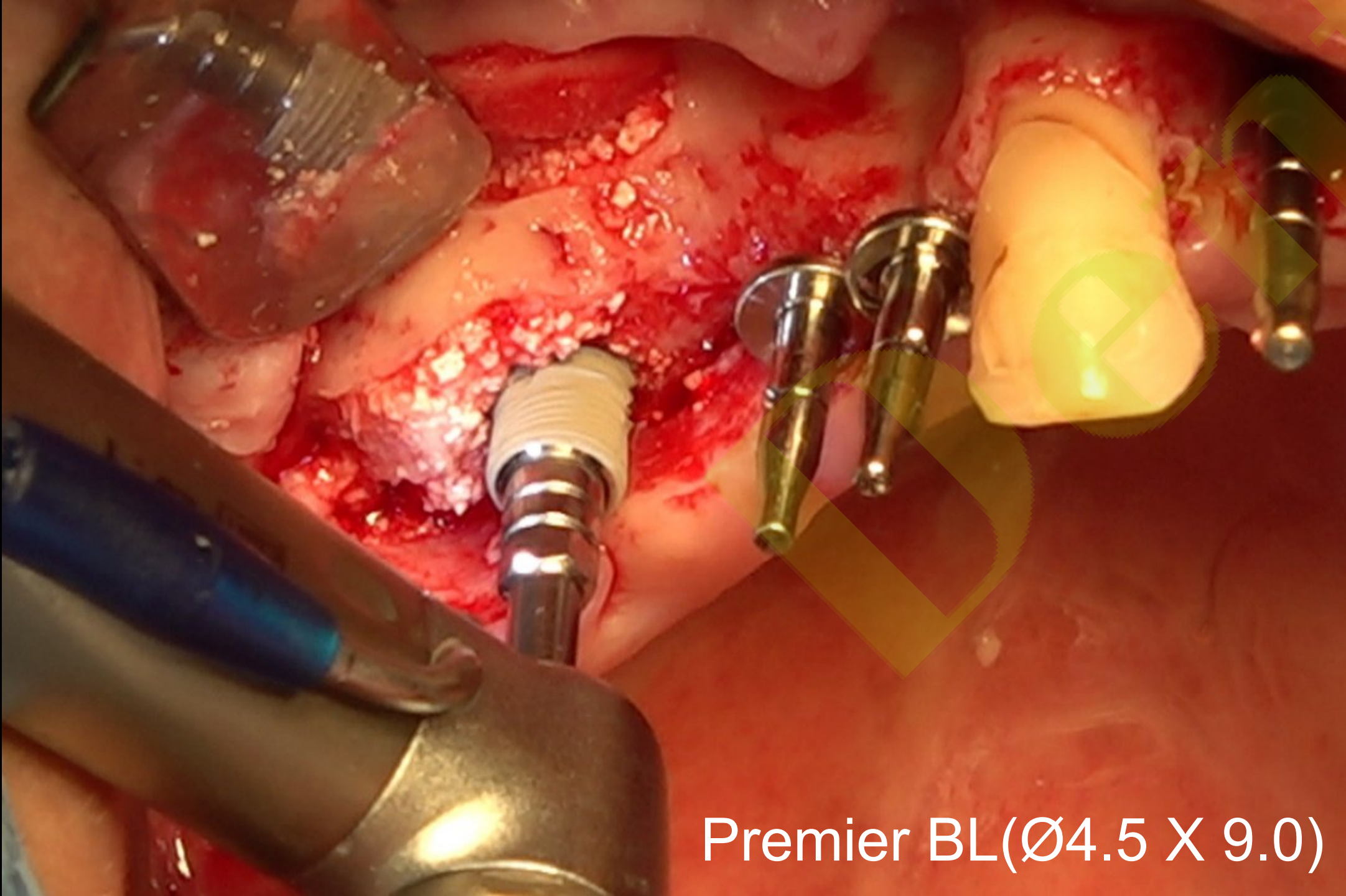
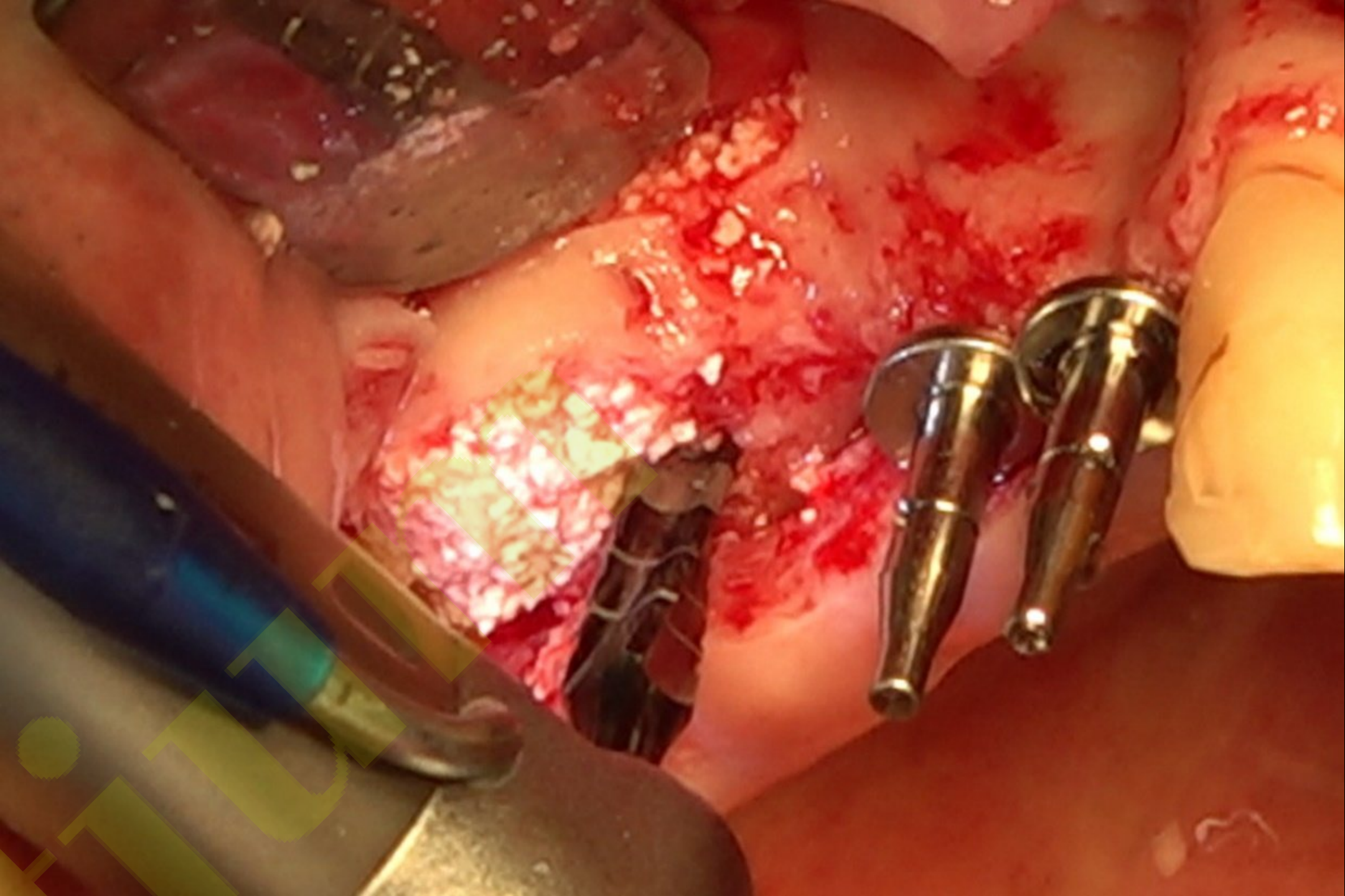
OSTEON™ 3 Collagen



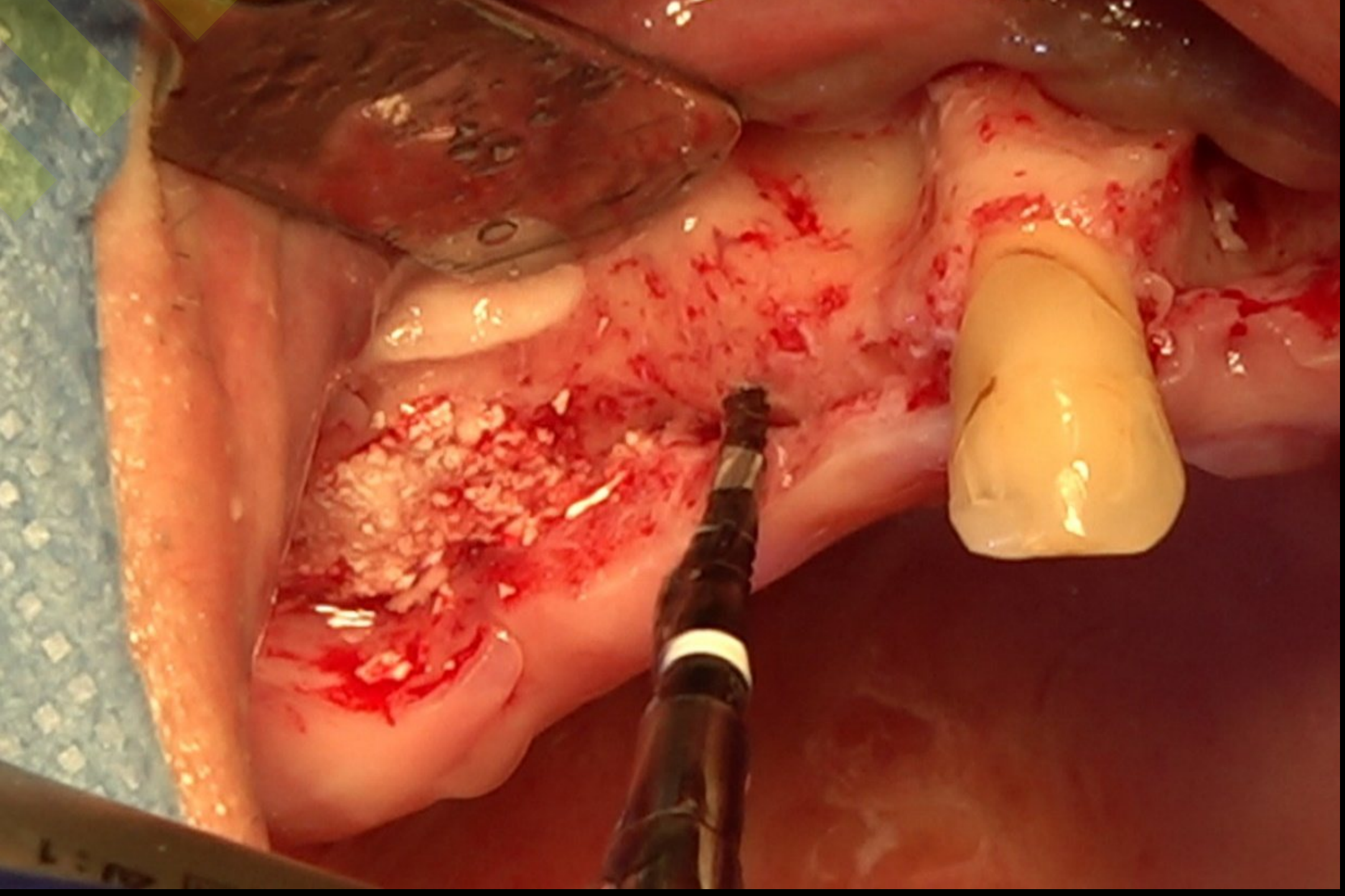
Surgery #12,14,15,16 (2023-04-17)



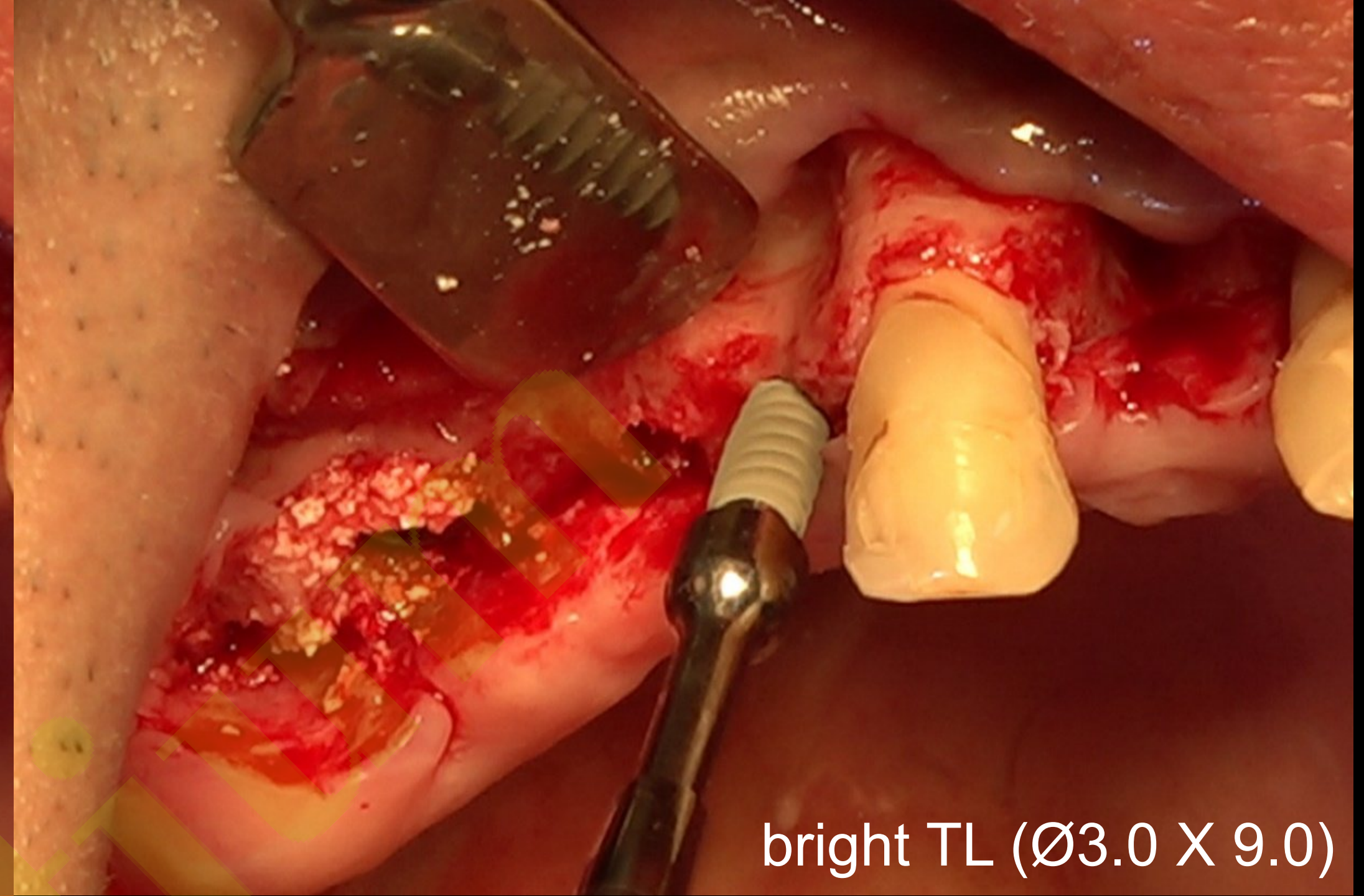
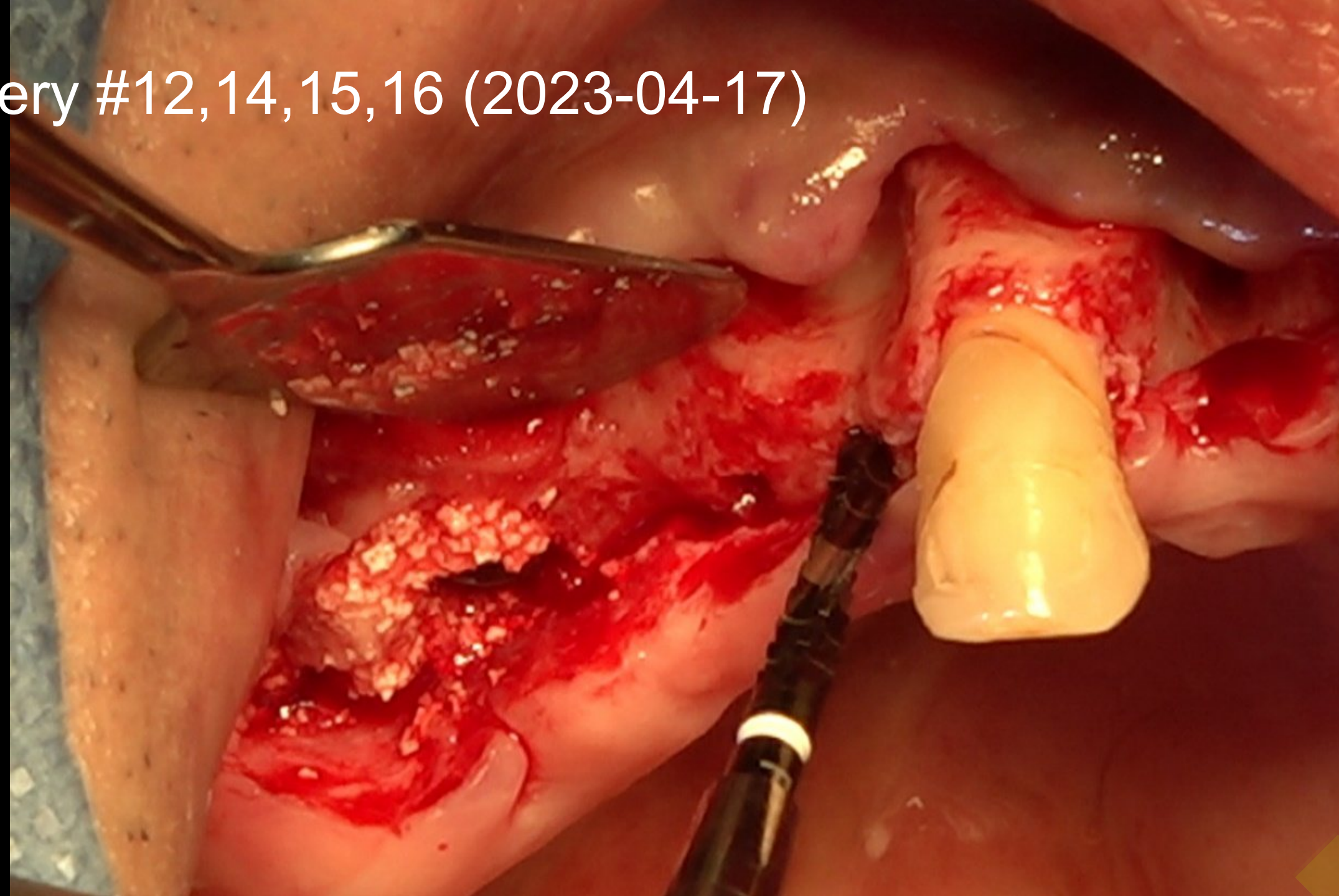
Guide drill



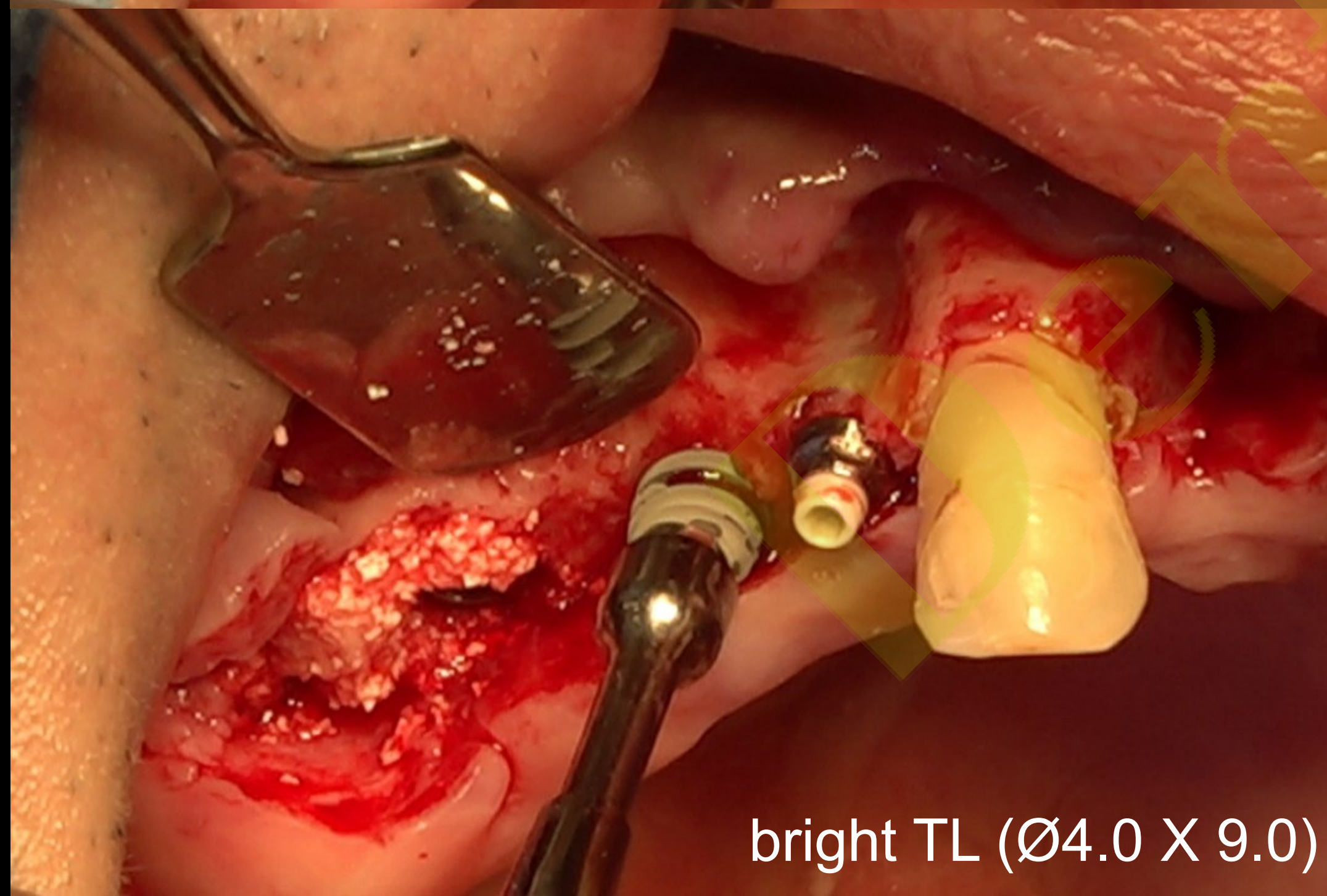
Premier BL(Ø4.5 X 9.0)



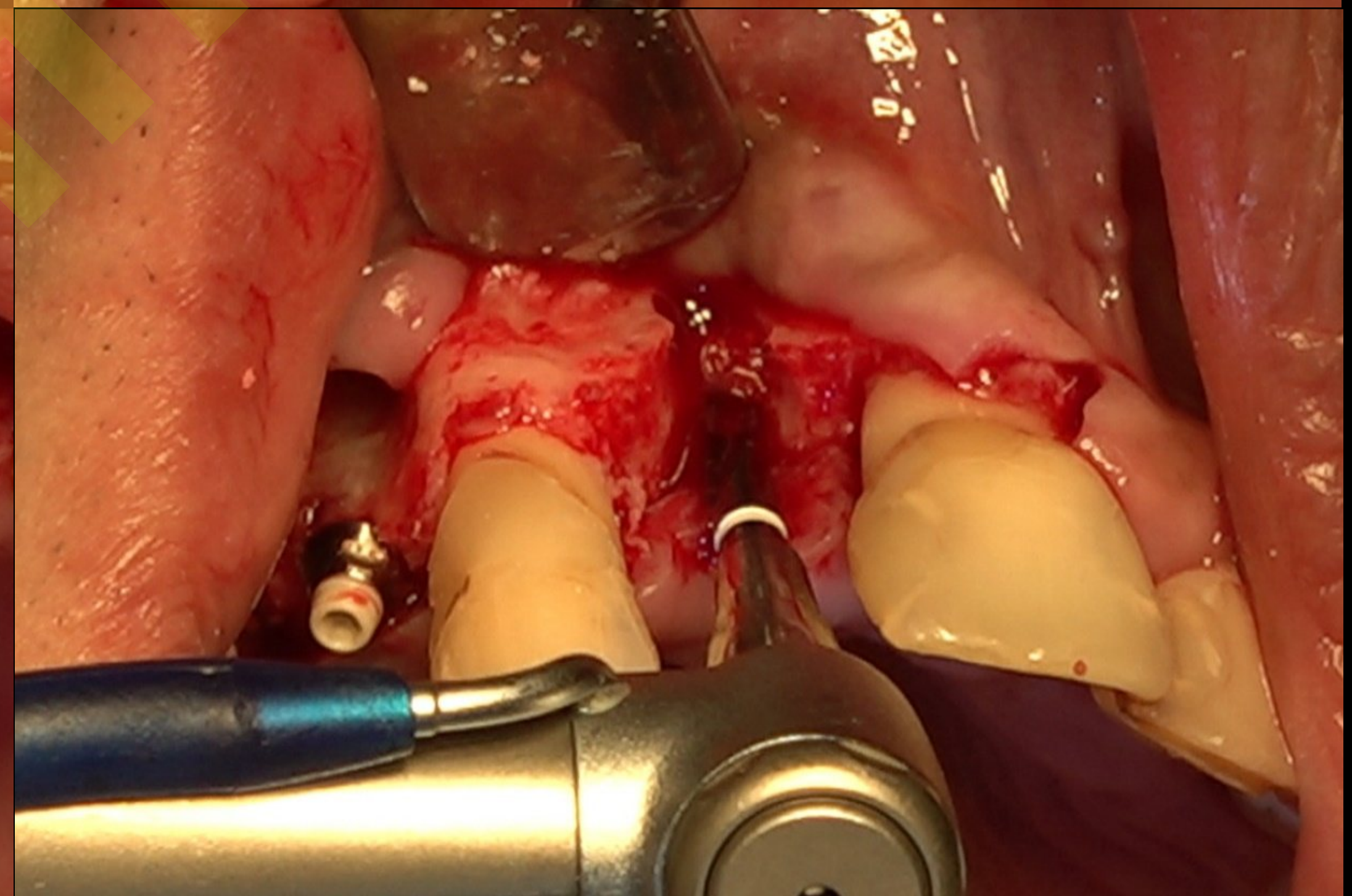
Surgery #12,14,15,16 (2023-04-17)

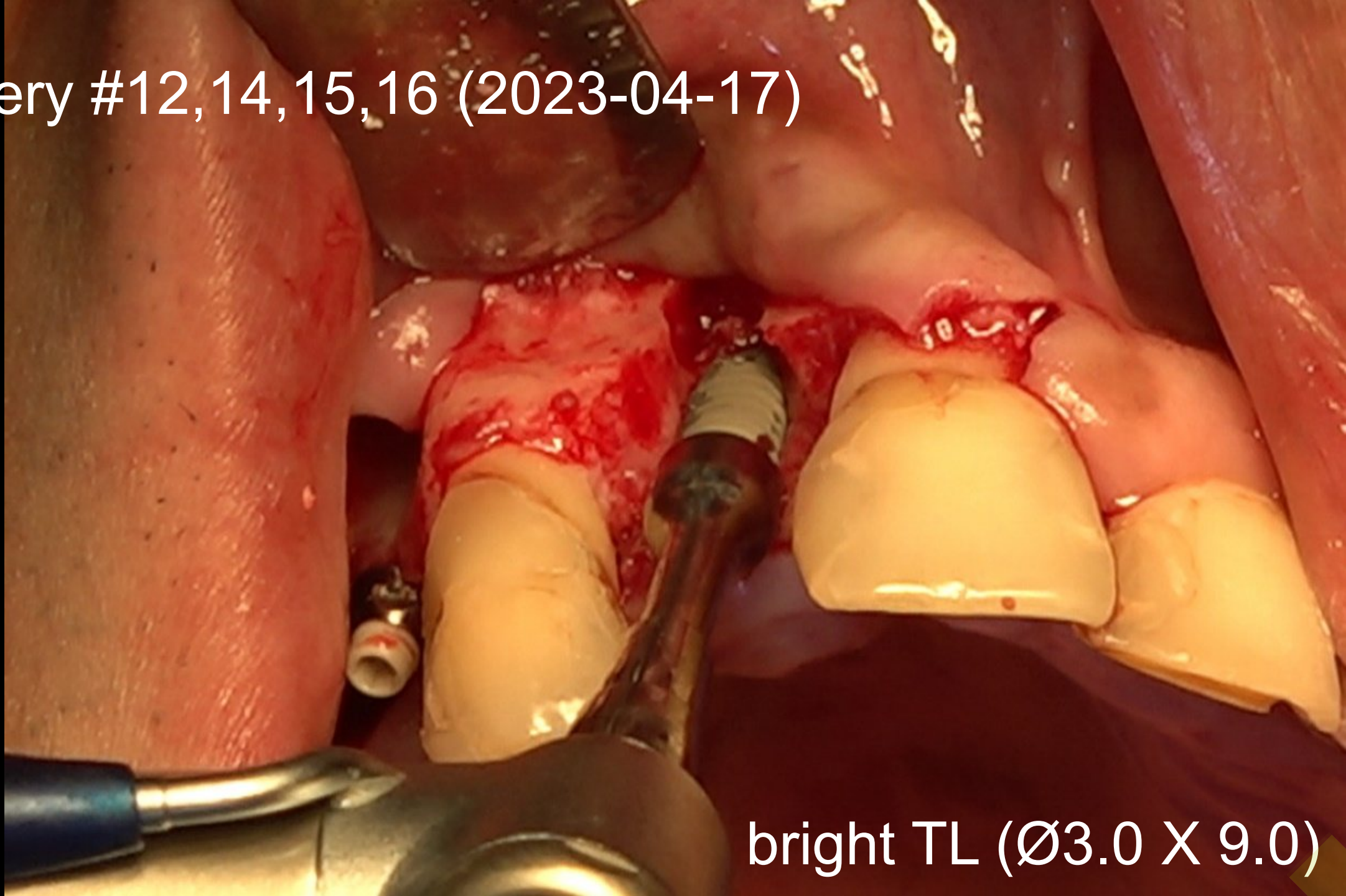


bright TL (Ø3.0 X 9.0)

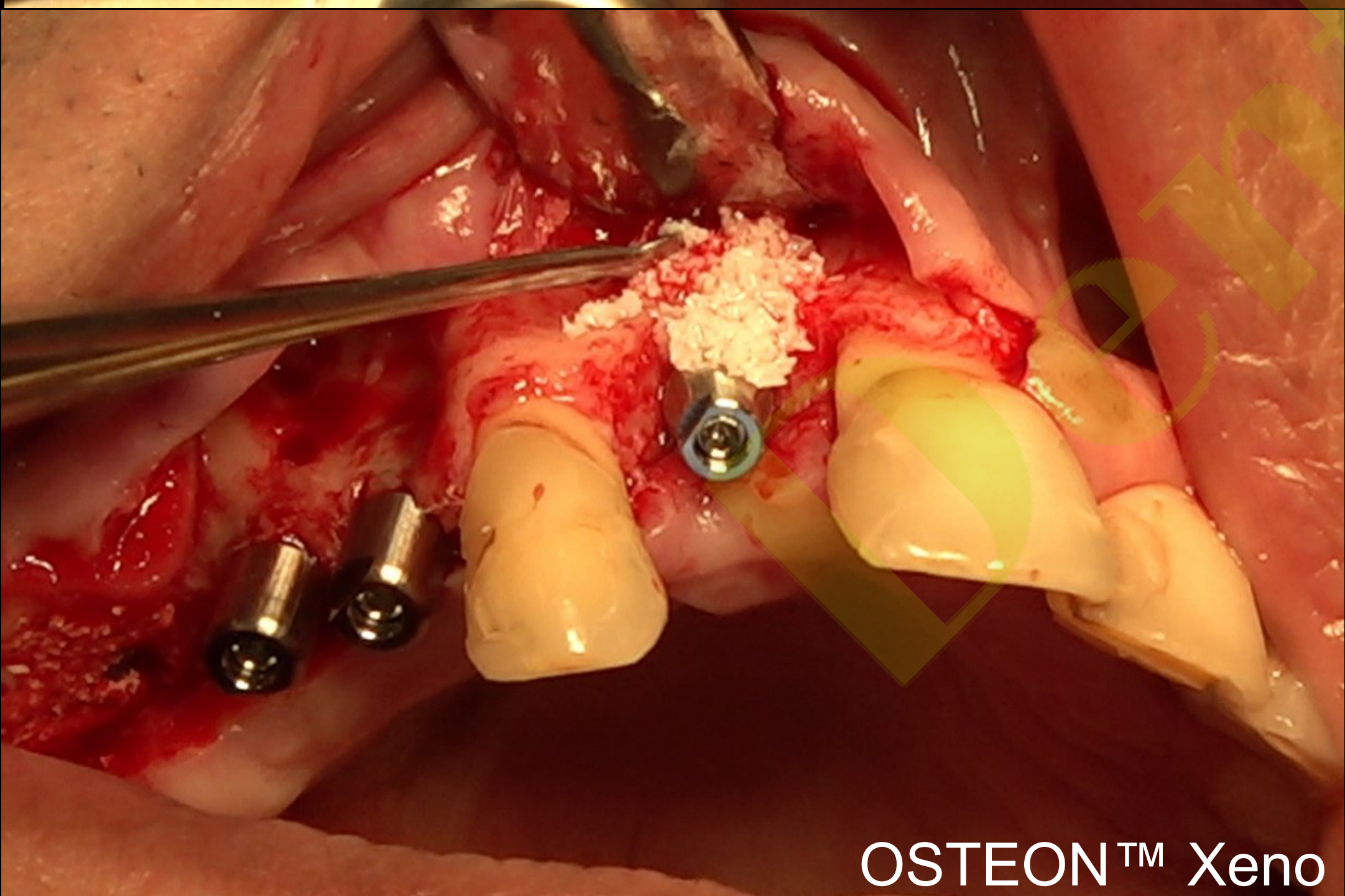
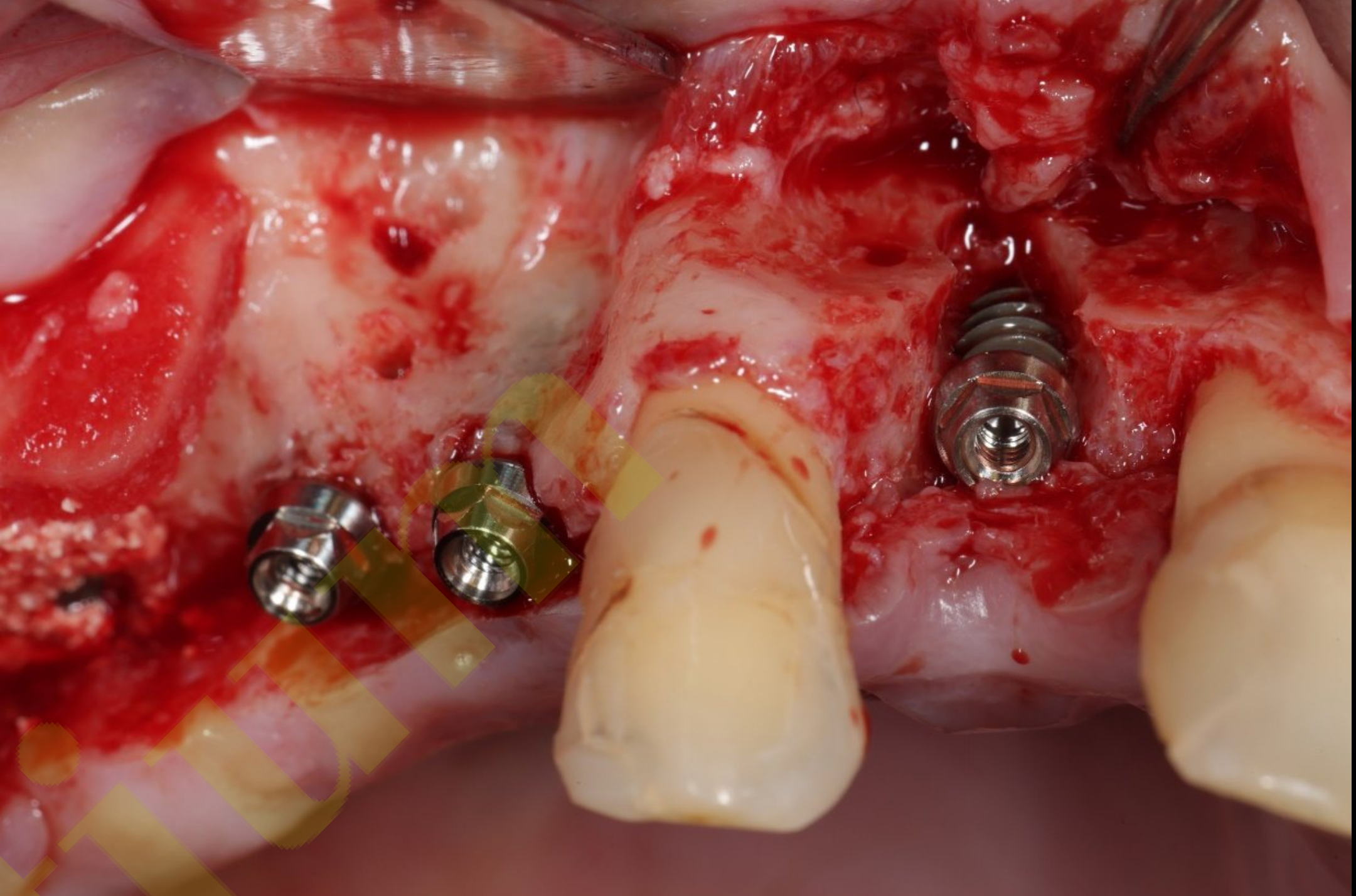


bright TL (Ø4.0 X 9.0)

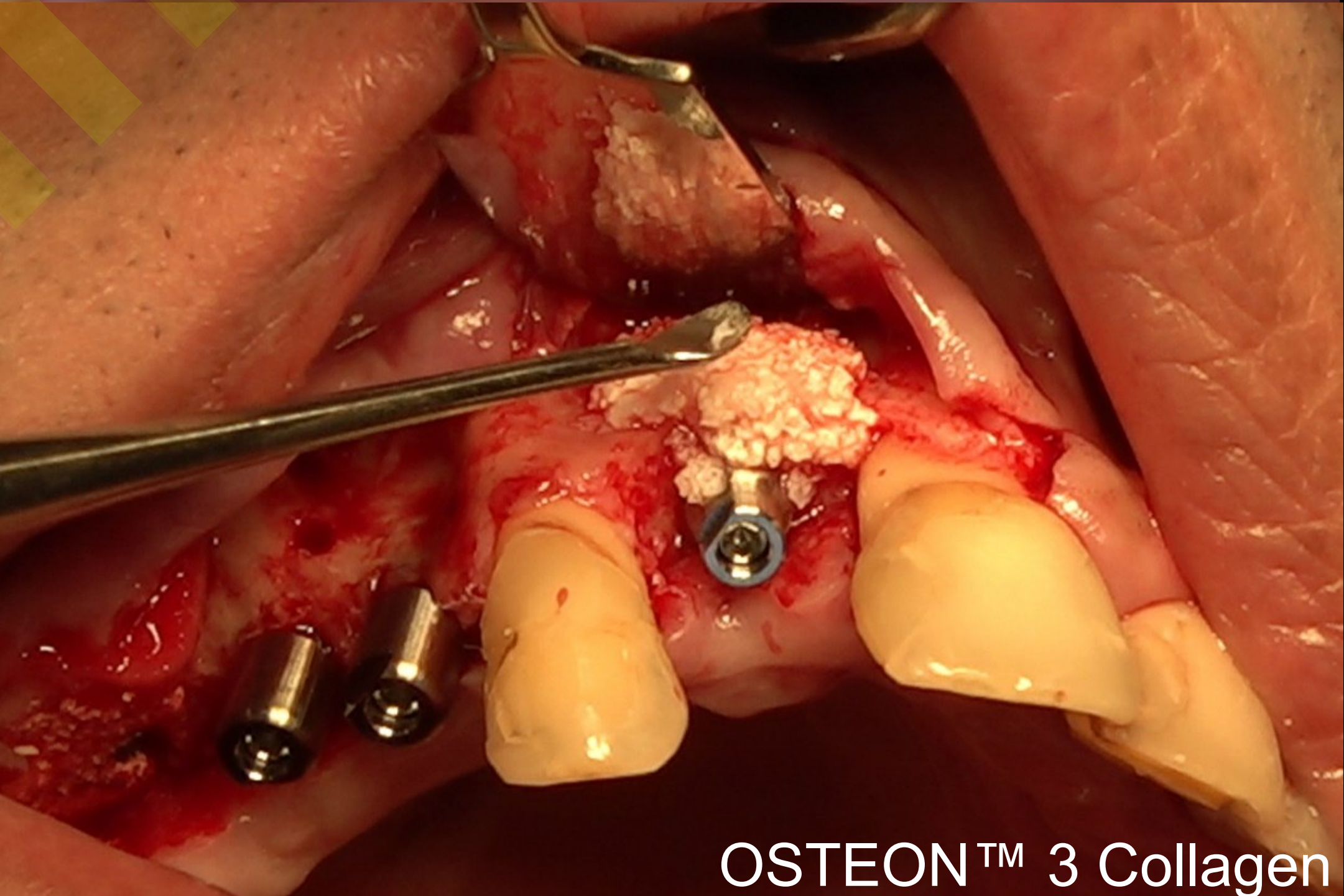




bright TL (Ø3.0 X 9.0)

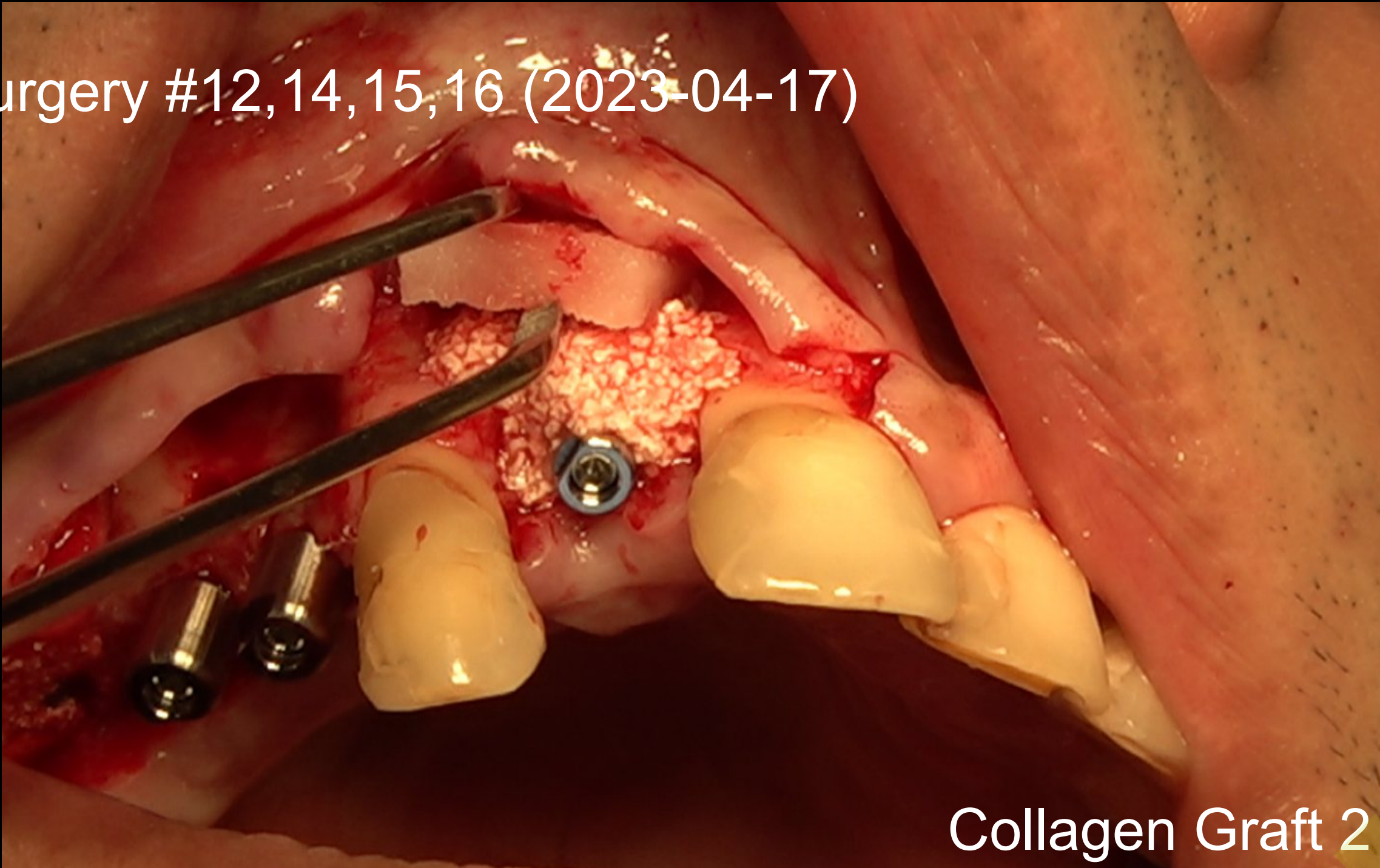


OSTEON™ Xeno

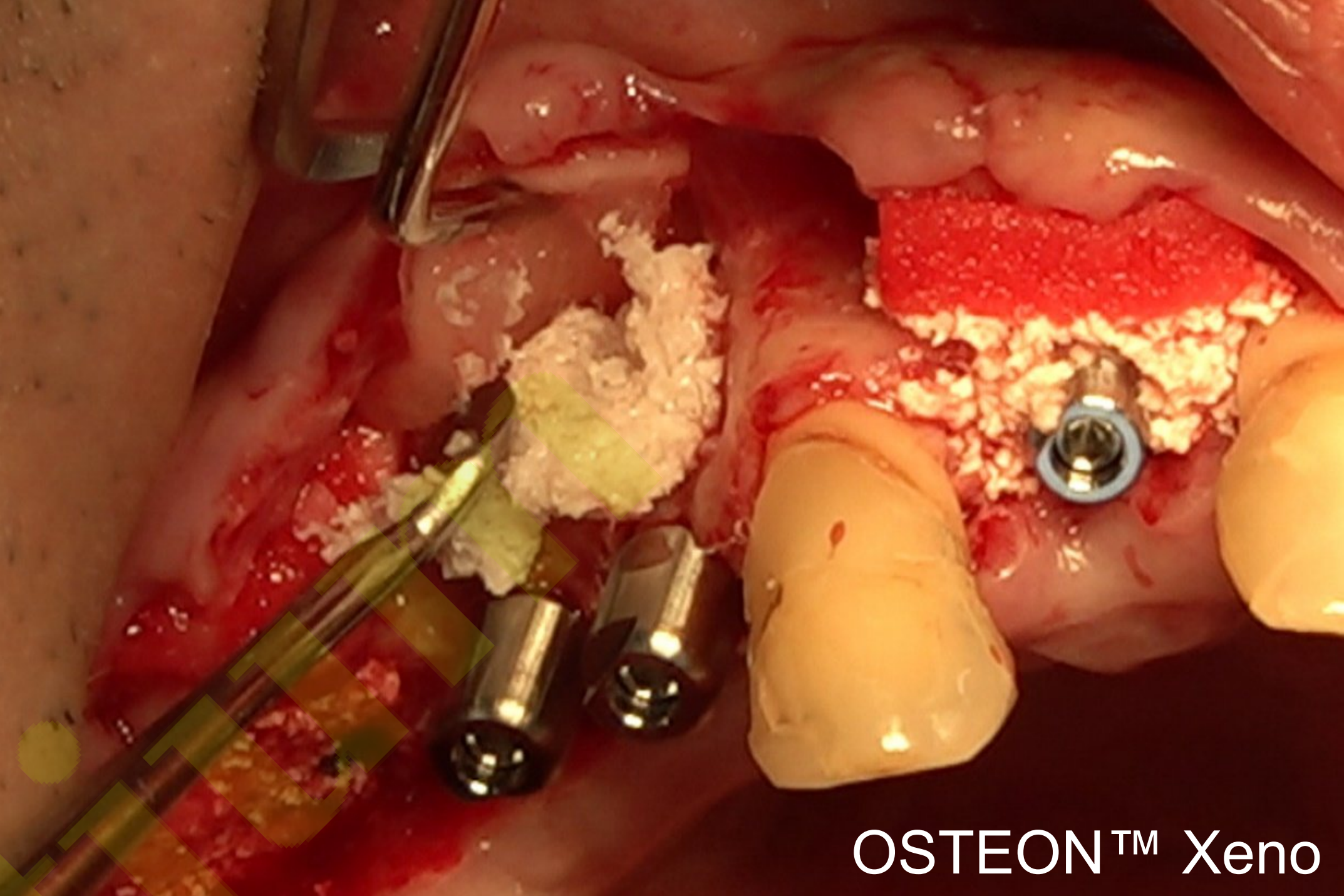


OSTEON™ 3 Collagen

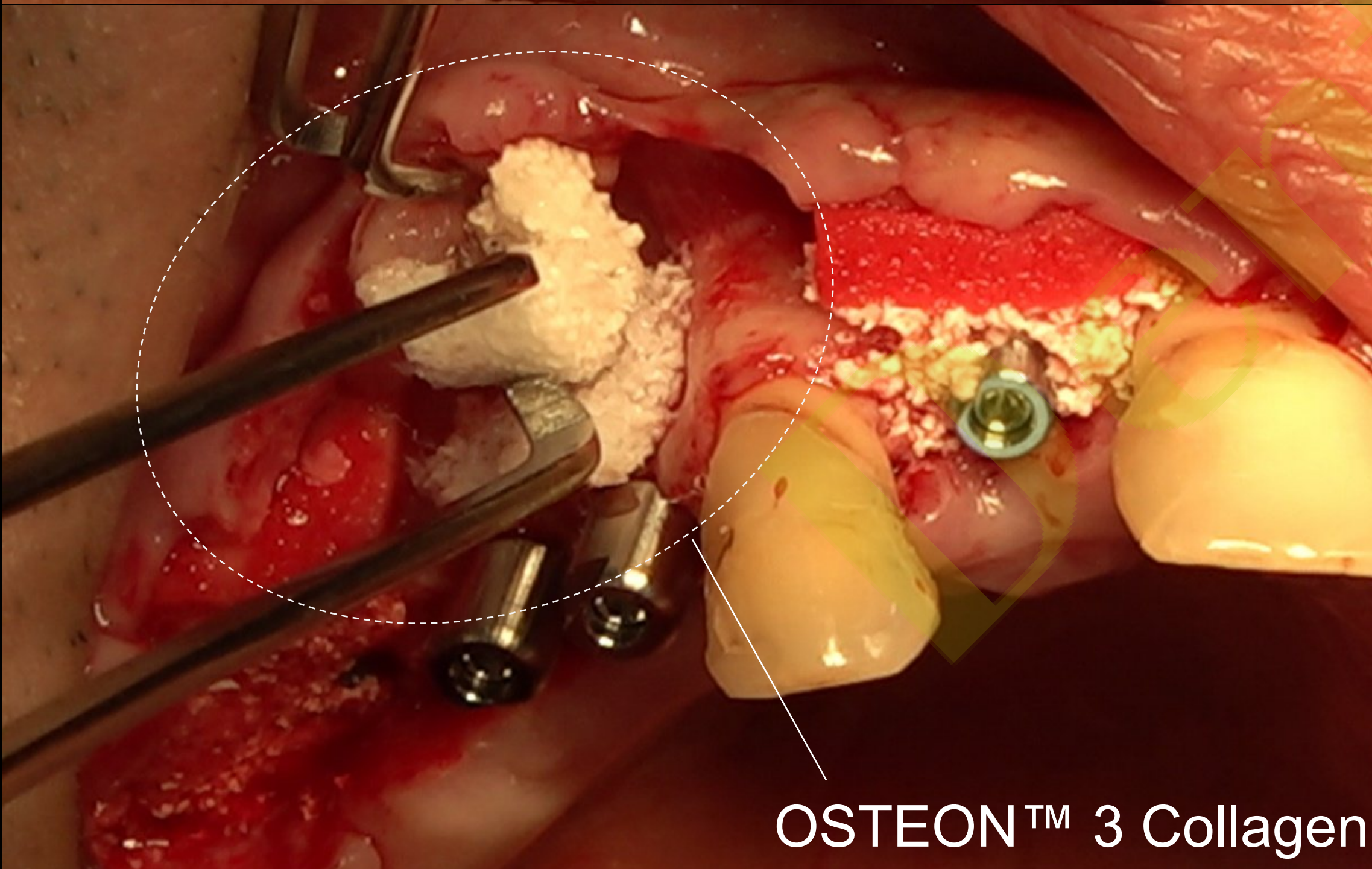
Surgery #12,14,15,16 (2023-04-17)



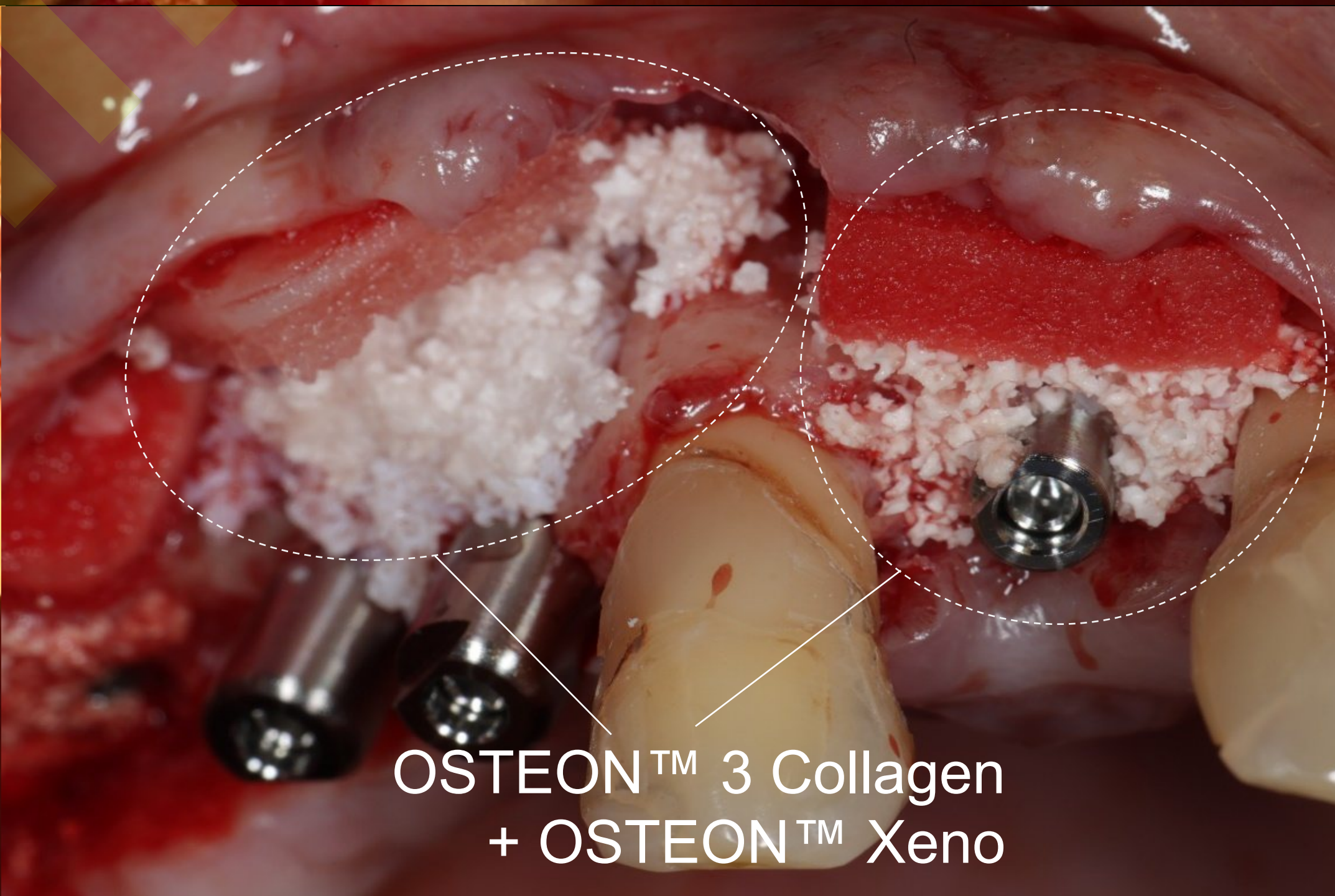
Collagen Graft 2



OSTEON™ Xeno



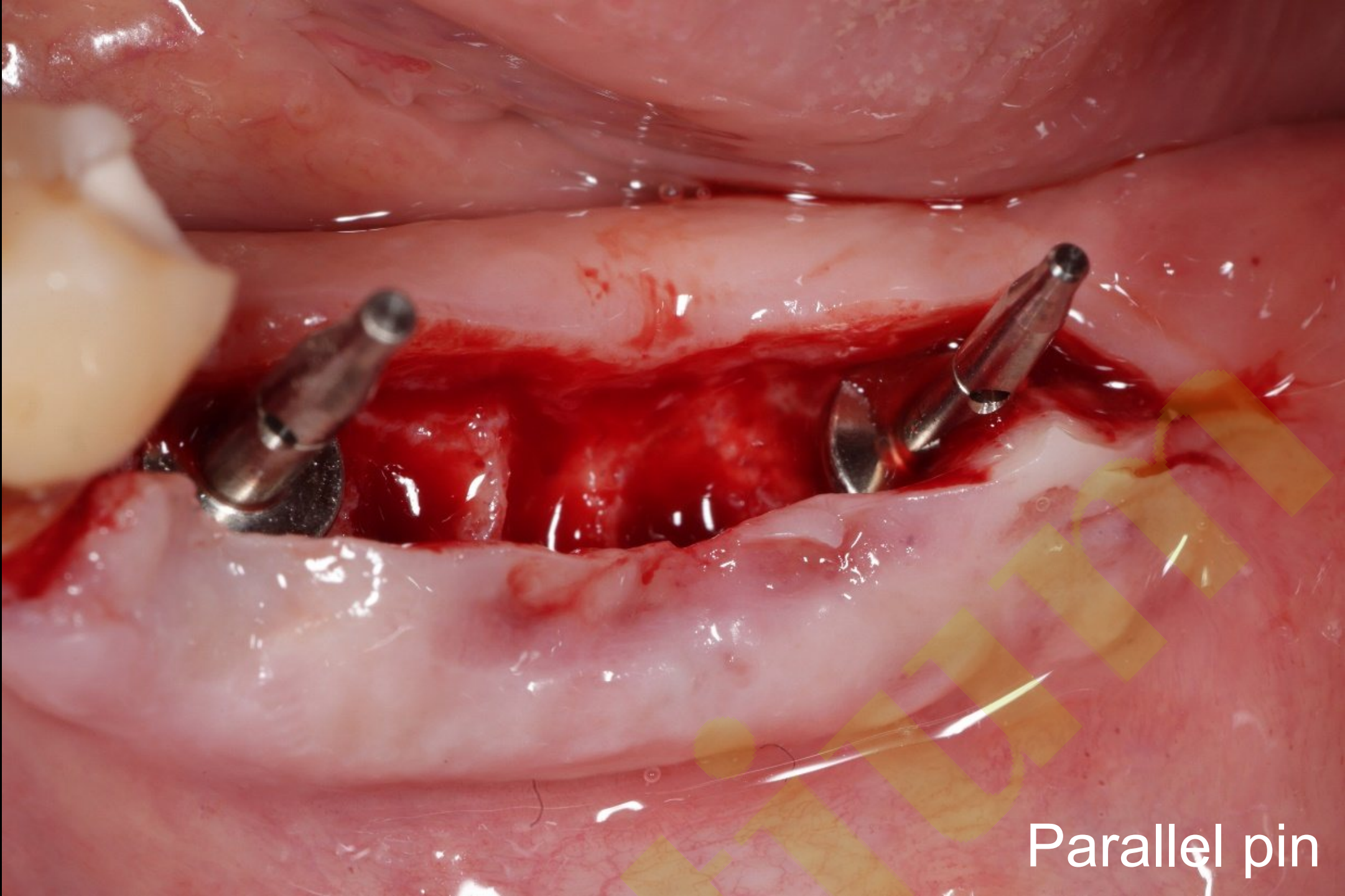
OSTEON™ 3 Collagen



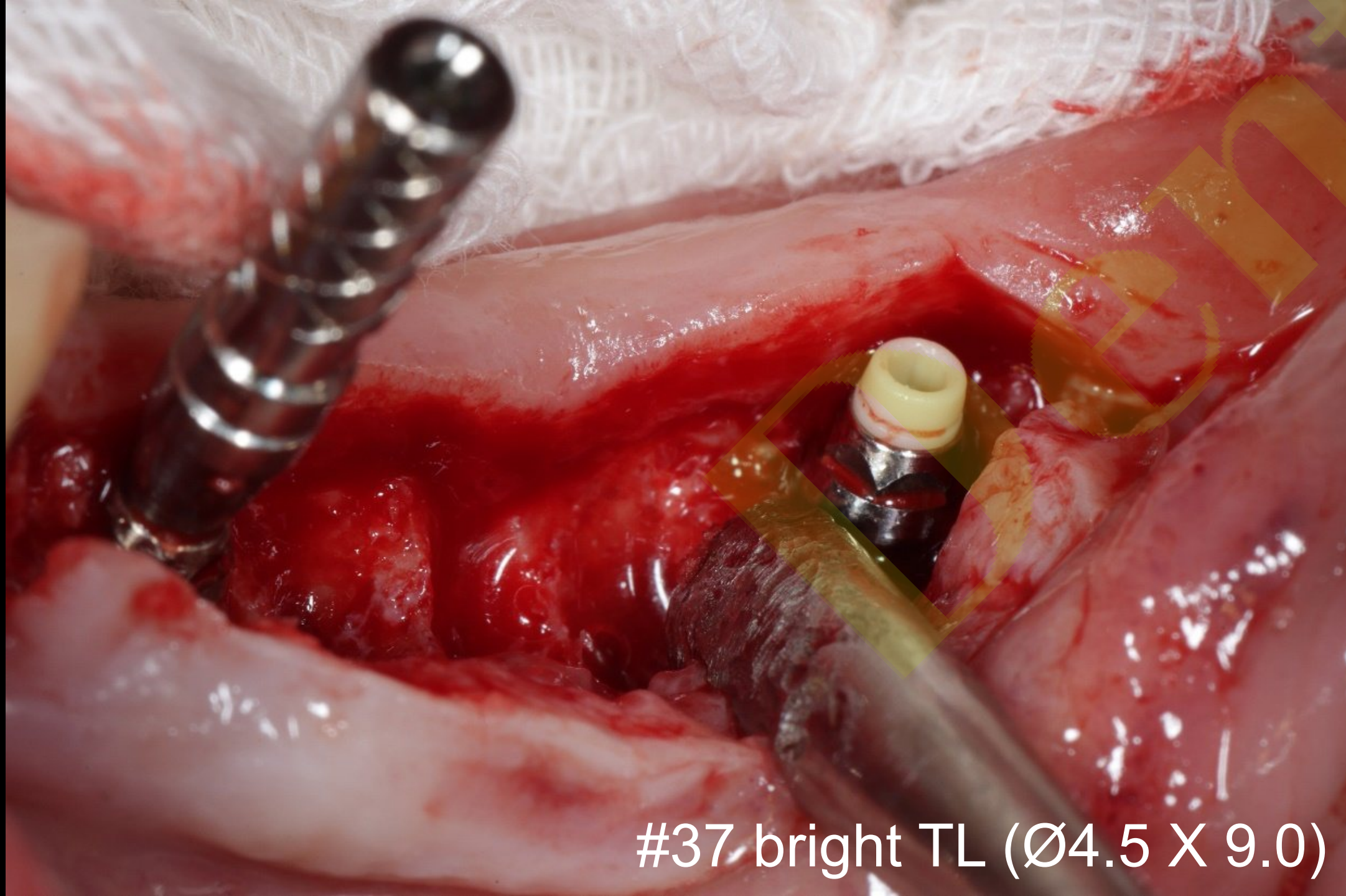
OSTEON™ 3 Collagen
+ OSTEON™ Xeno



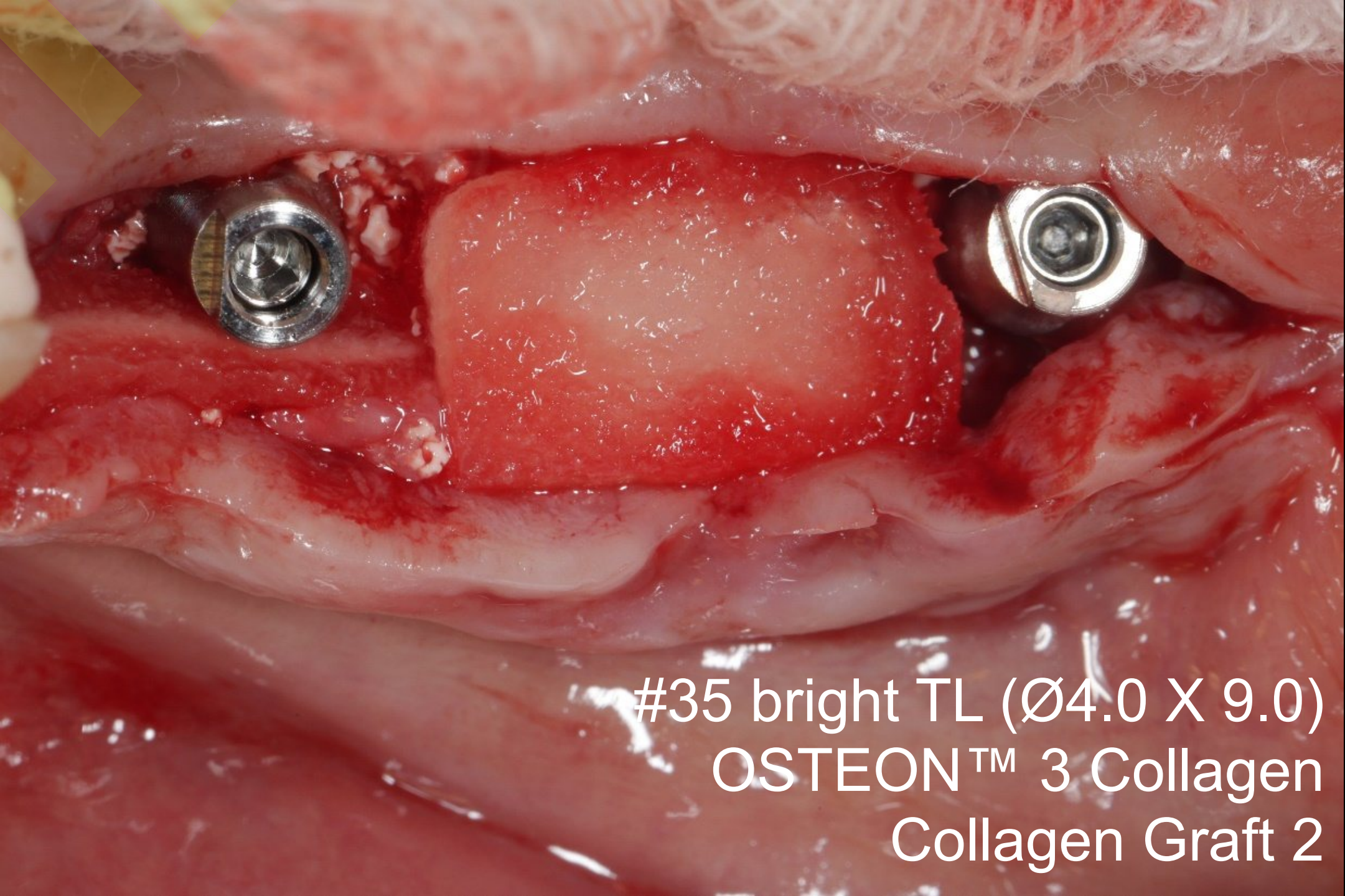
Surgery #35,37 (2023-04-19)



Parallel pin



#37 bright TL (Ø4.5 X 9.0)



#35 bright TL (Ø4.0 X 9.0)
OSTEON™ 3 Collagen
Collagen Graft 2

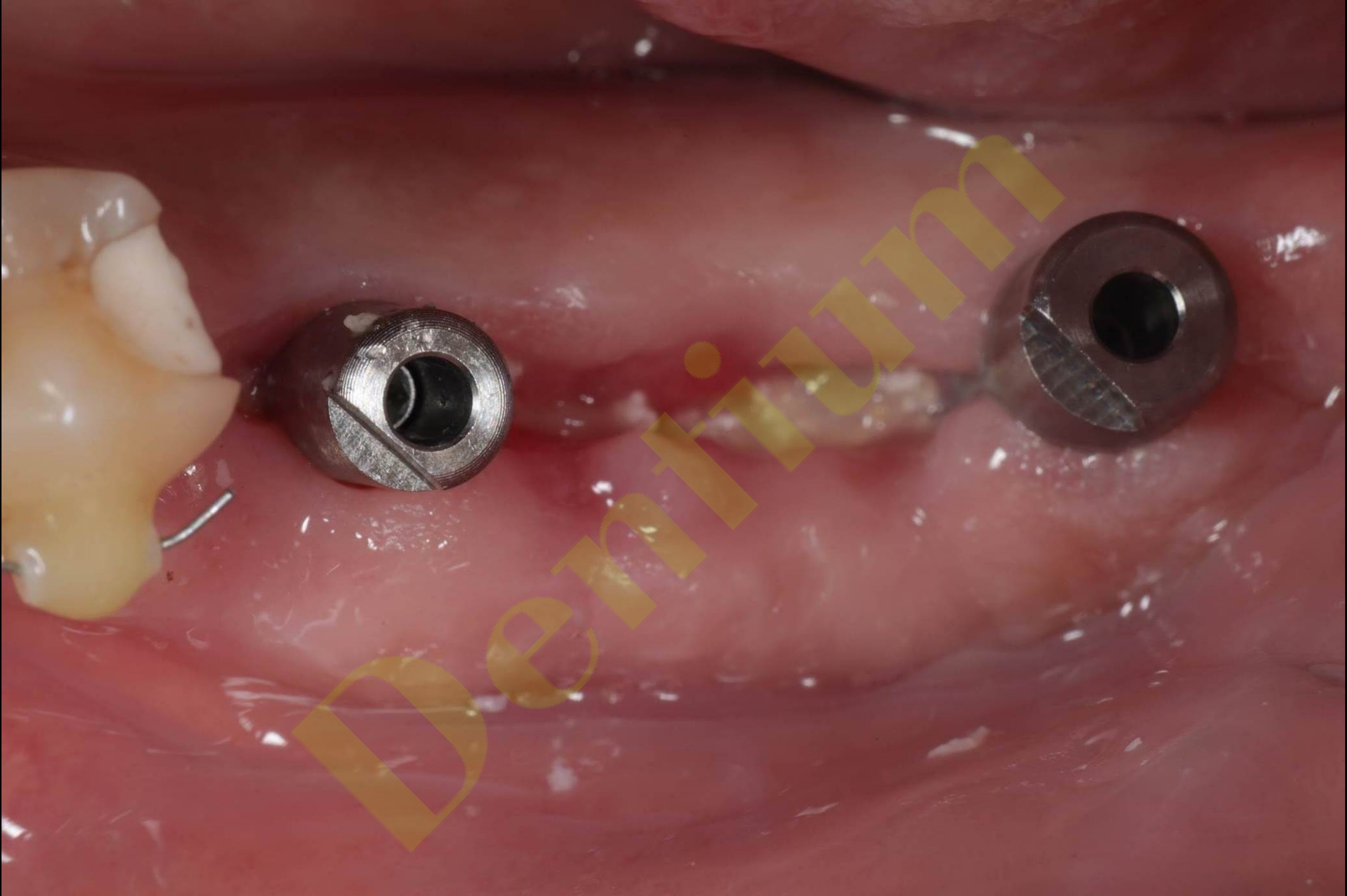


Orthodontic check : 3 weeks (2023-05-10)





Healing : 2 weeks #35, 37 (2023-05-04)



CAD (Temporary)



Provisional restoration #12 (2023-05-04)

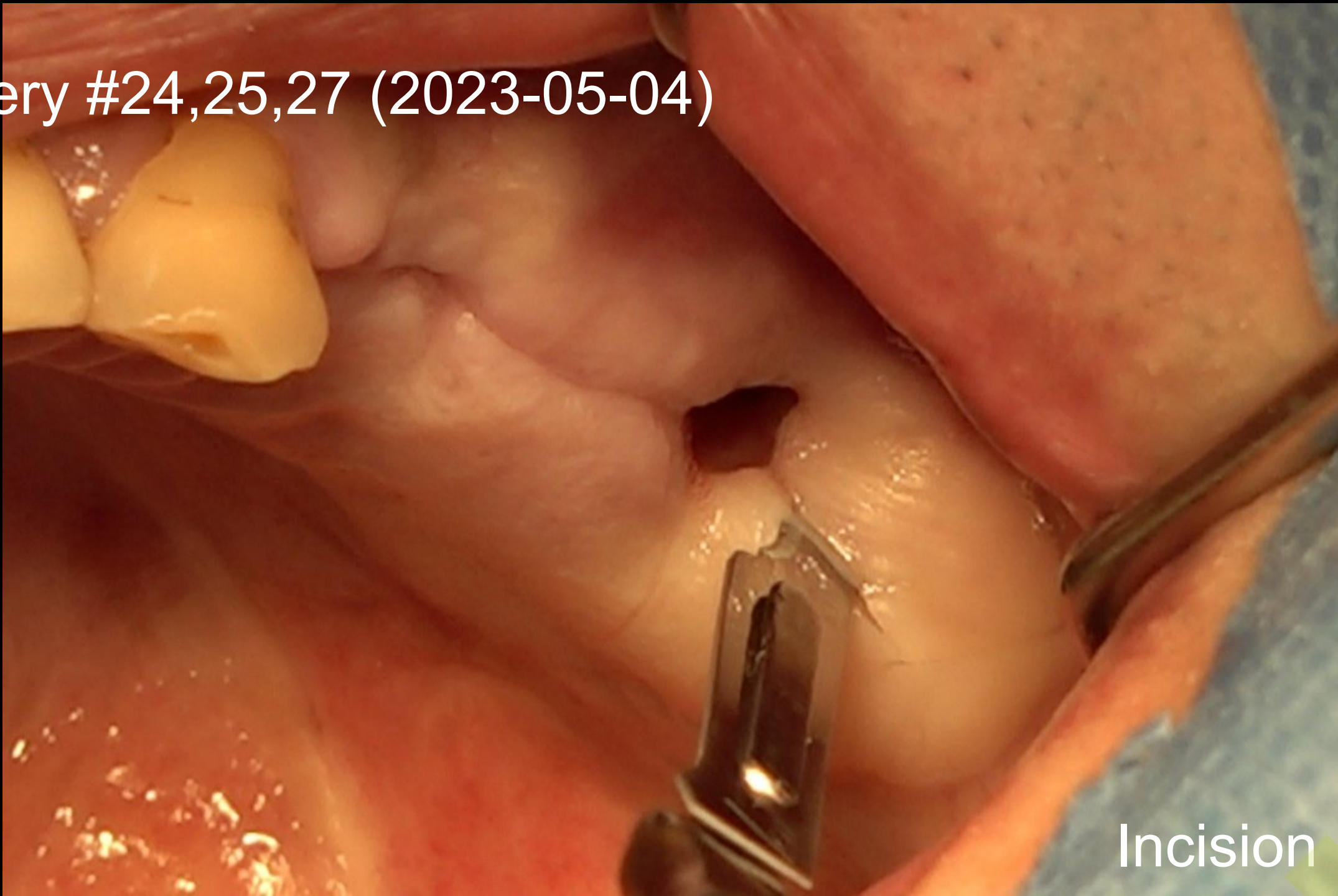


Provisional restoration #14,15 (2023-05-04)

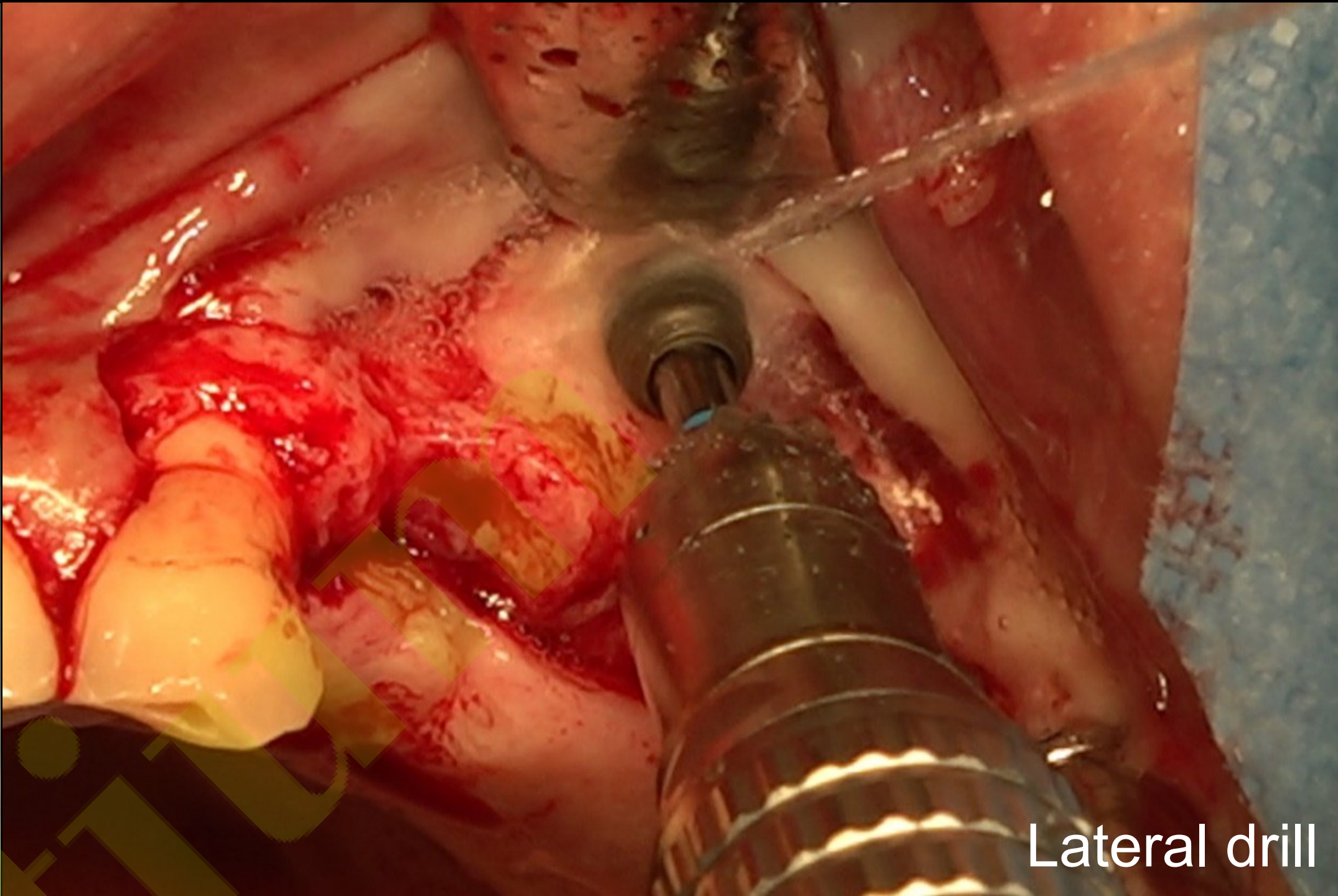


Provisional restoration #47 (2023-05-04)

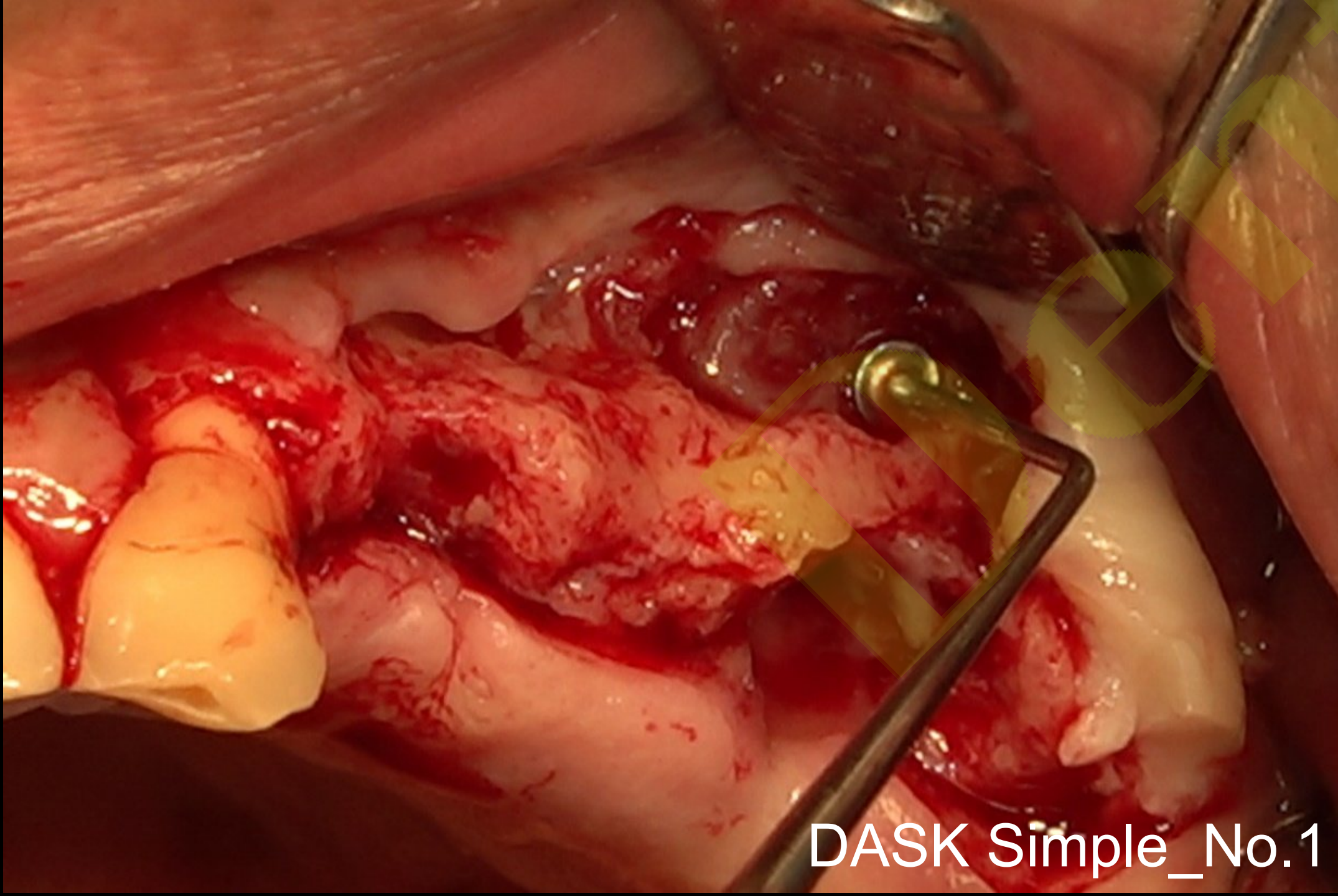




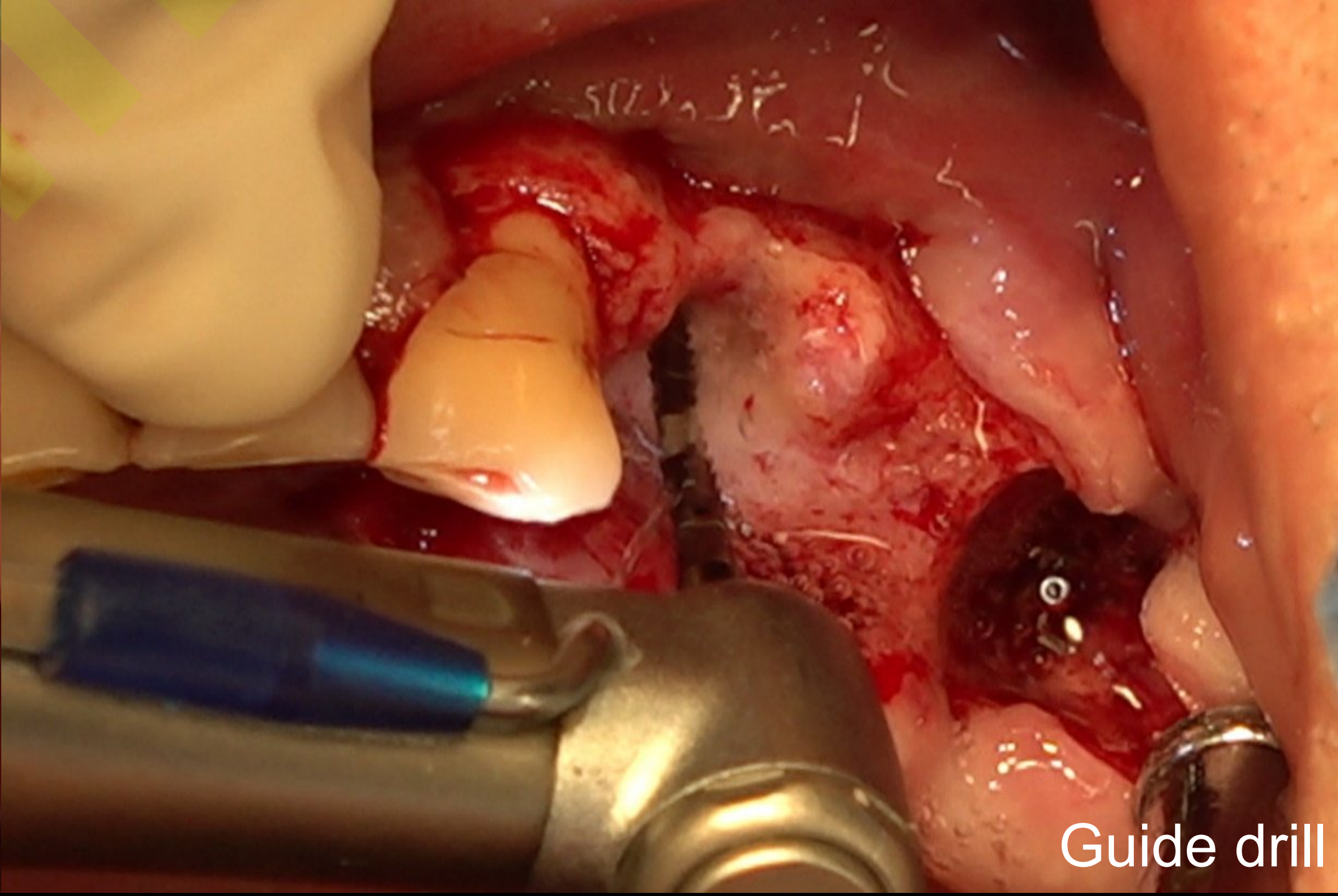
Incision



Lateral drill

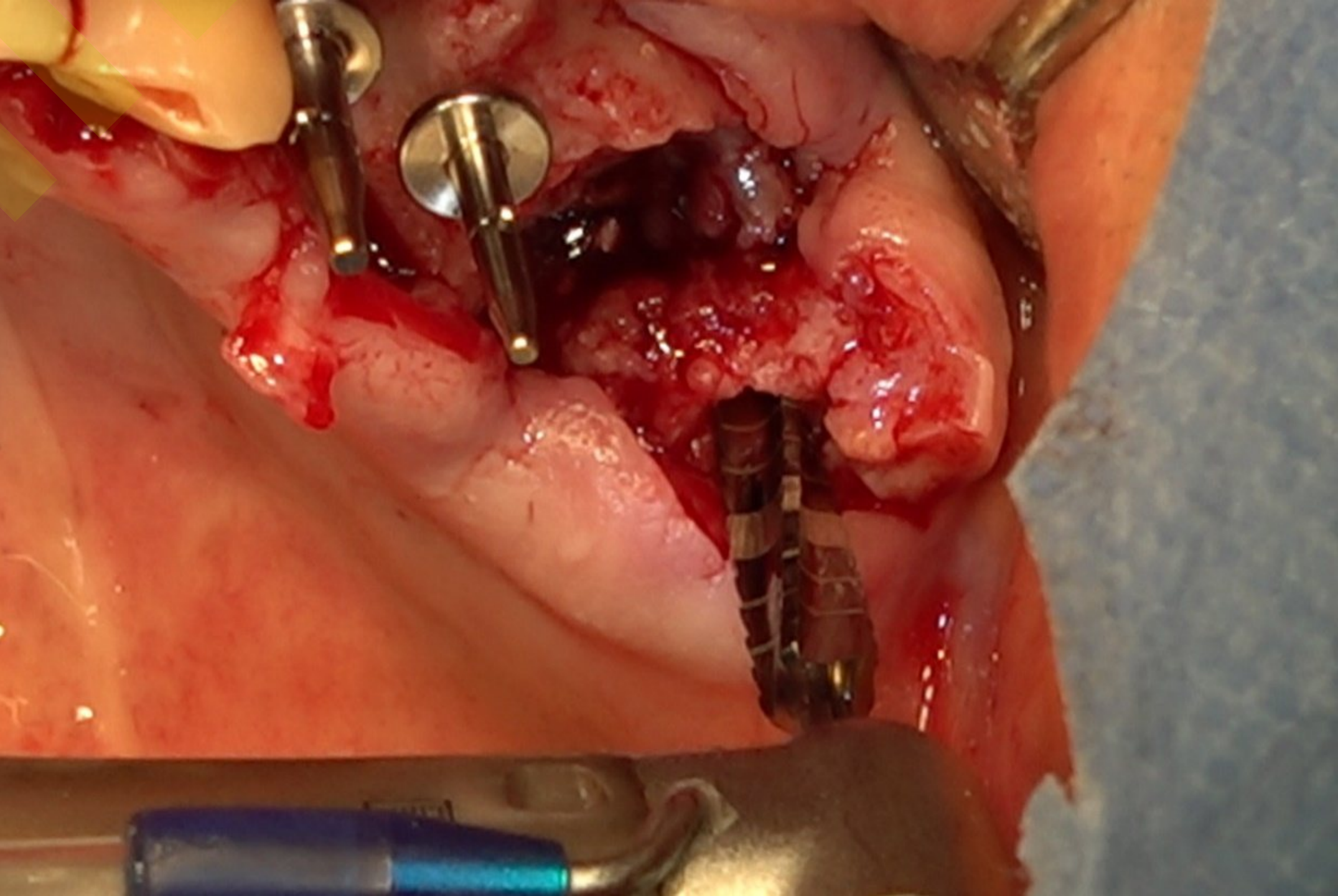
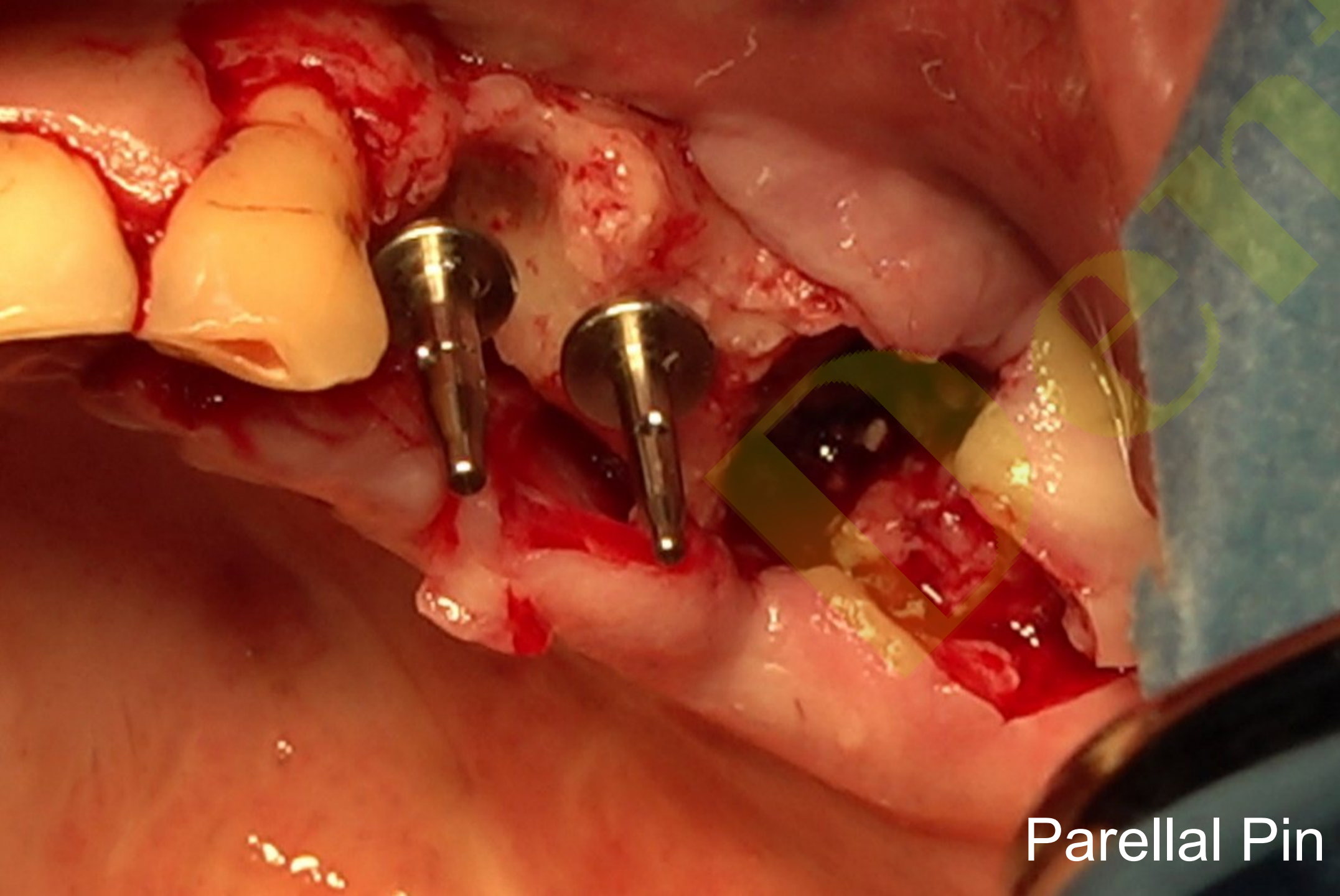
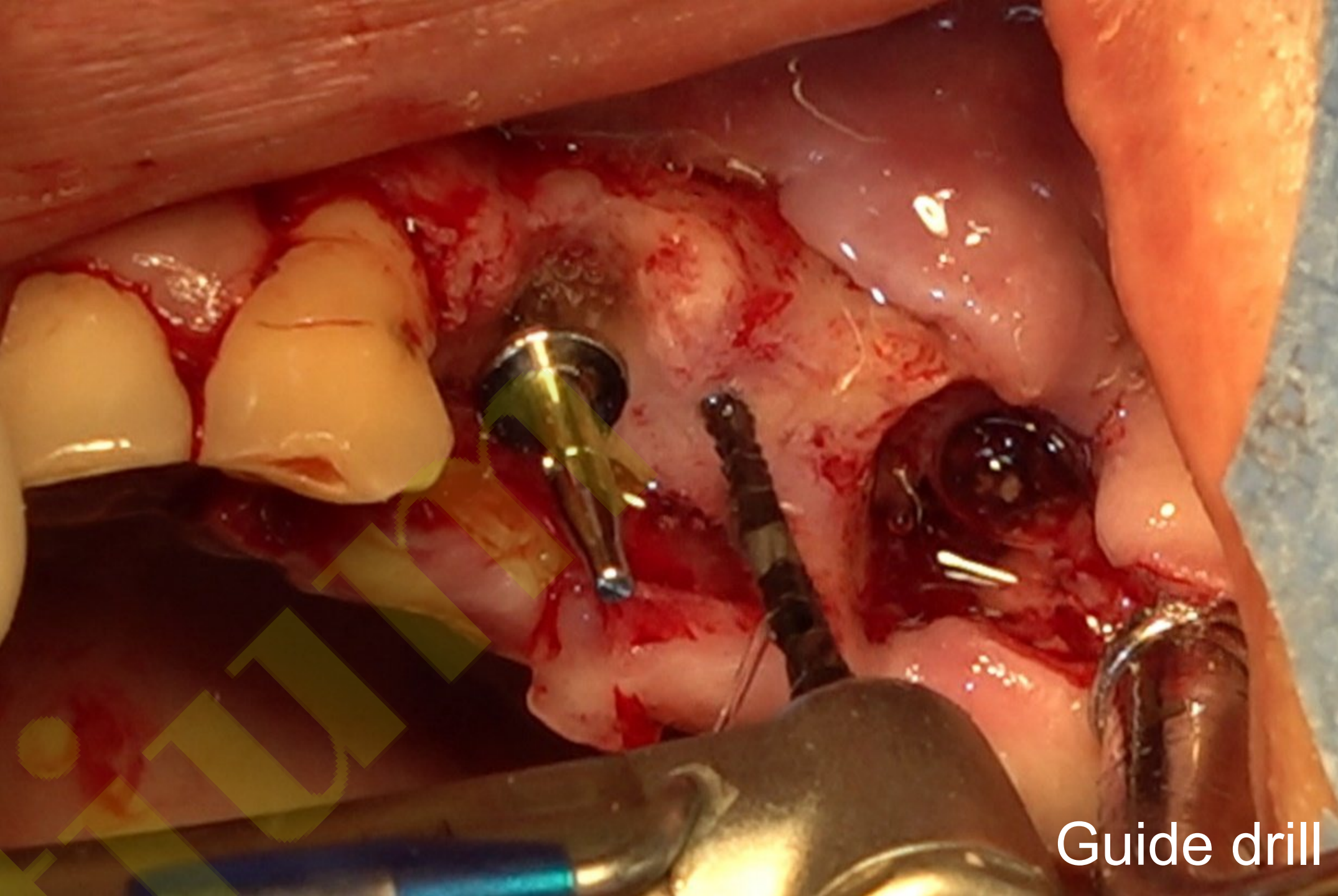
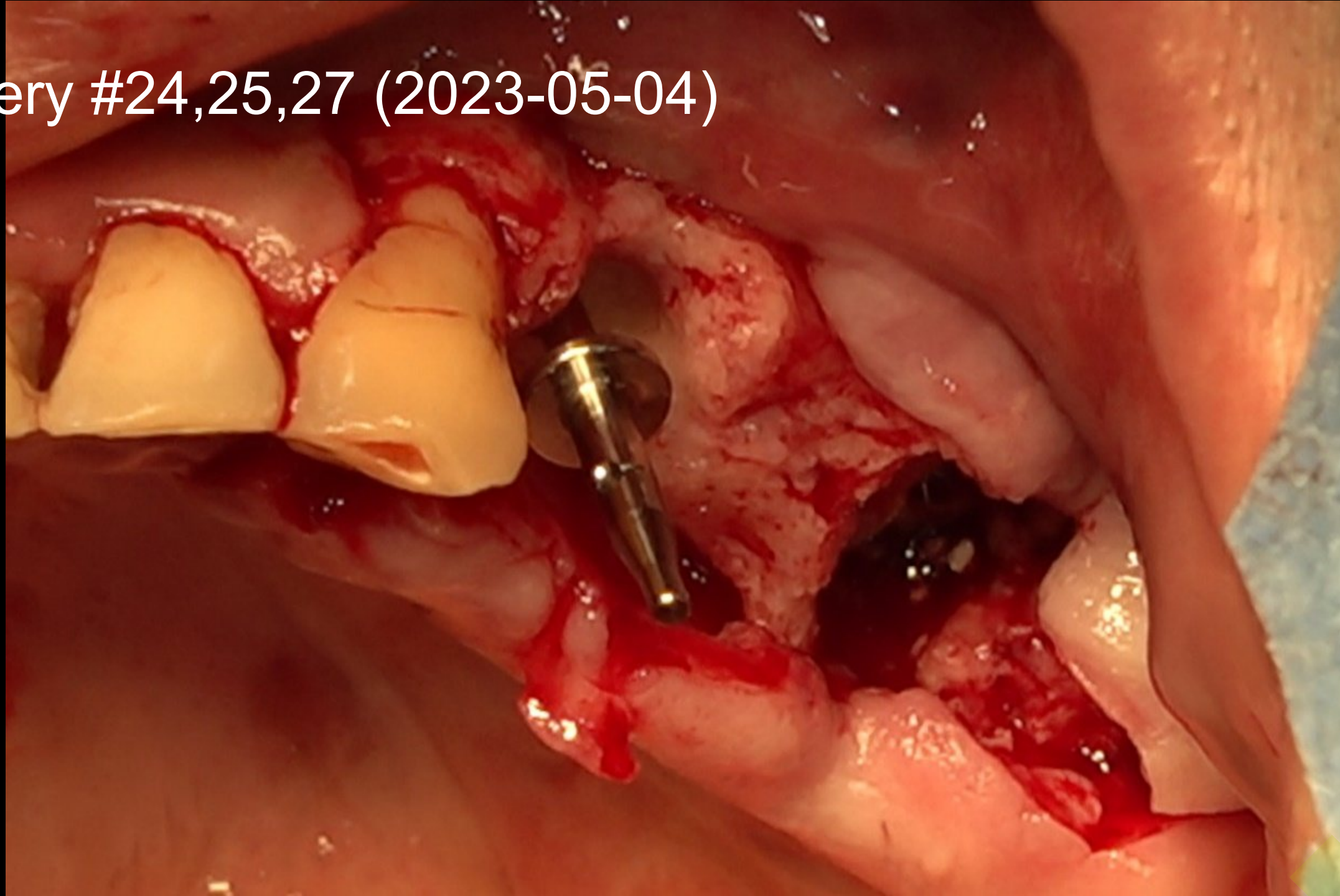


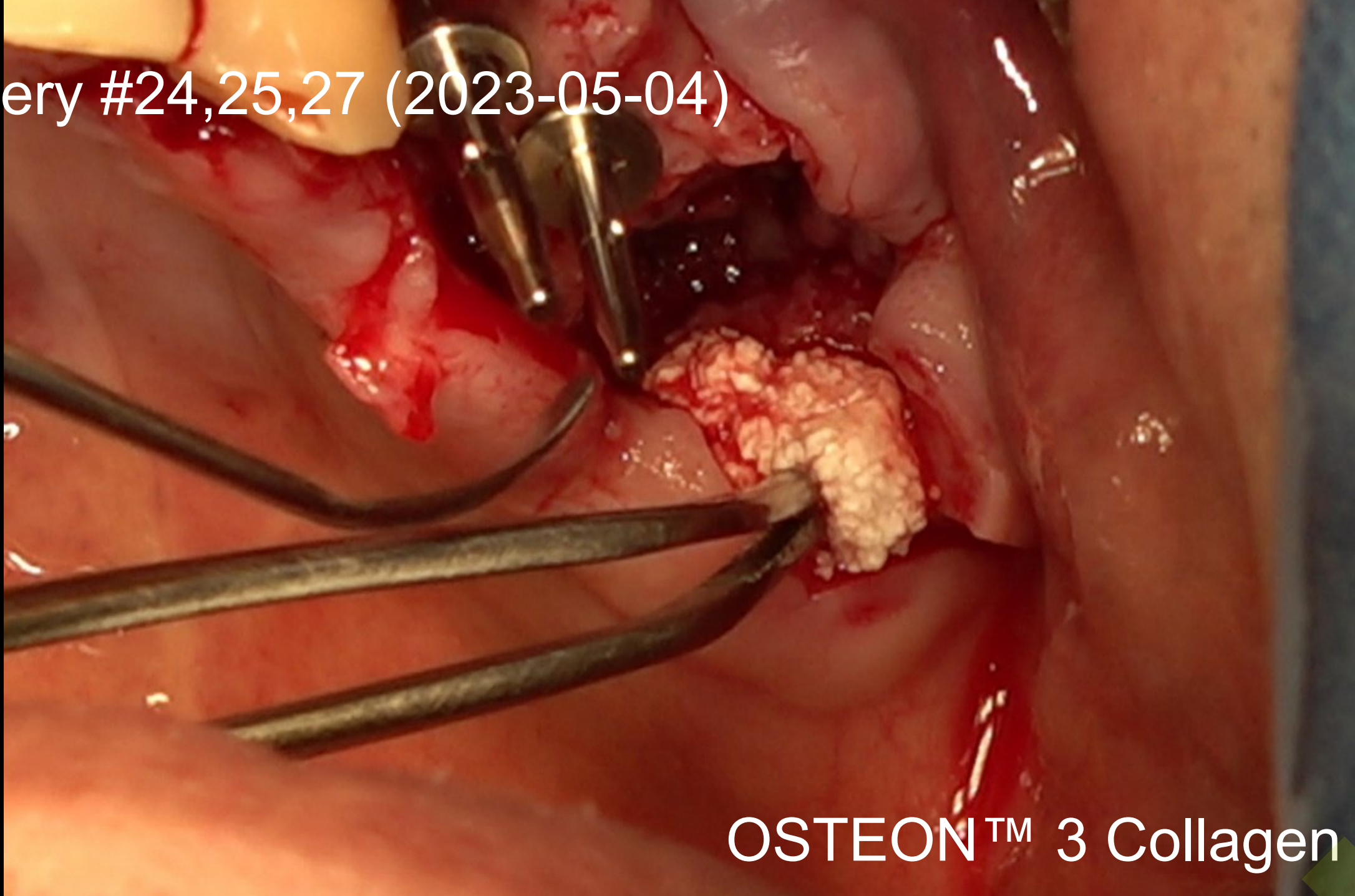
DASK Simple_No.1



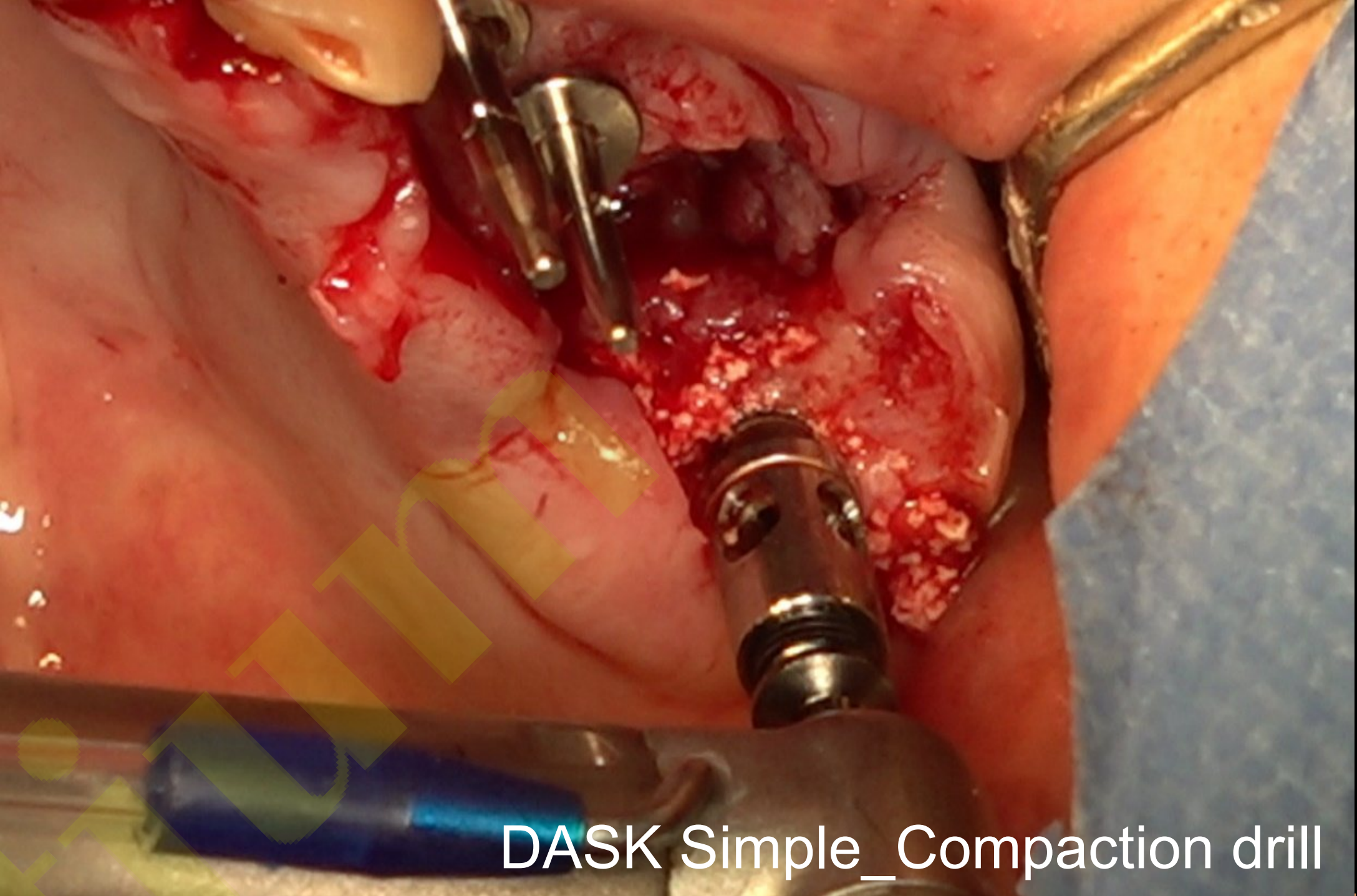
Guide drill

Surgery #24,25,27 (2023-05-04)

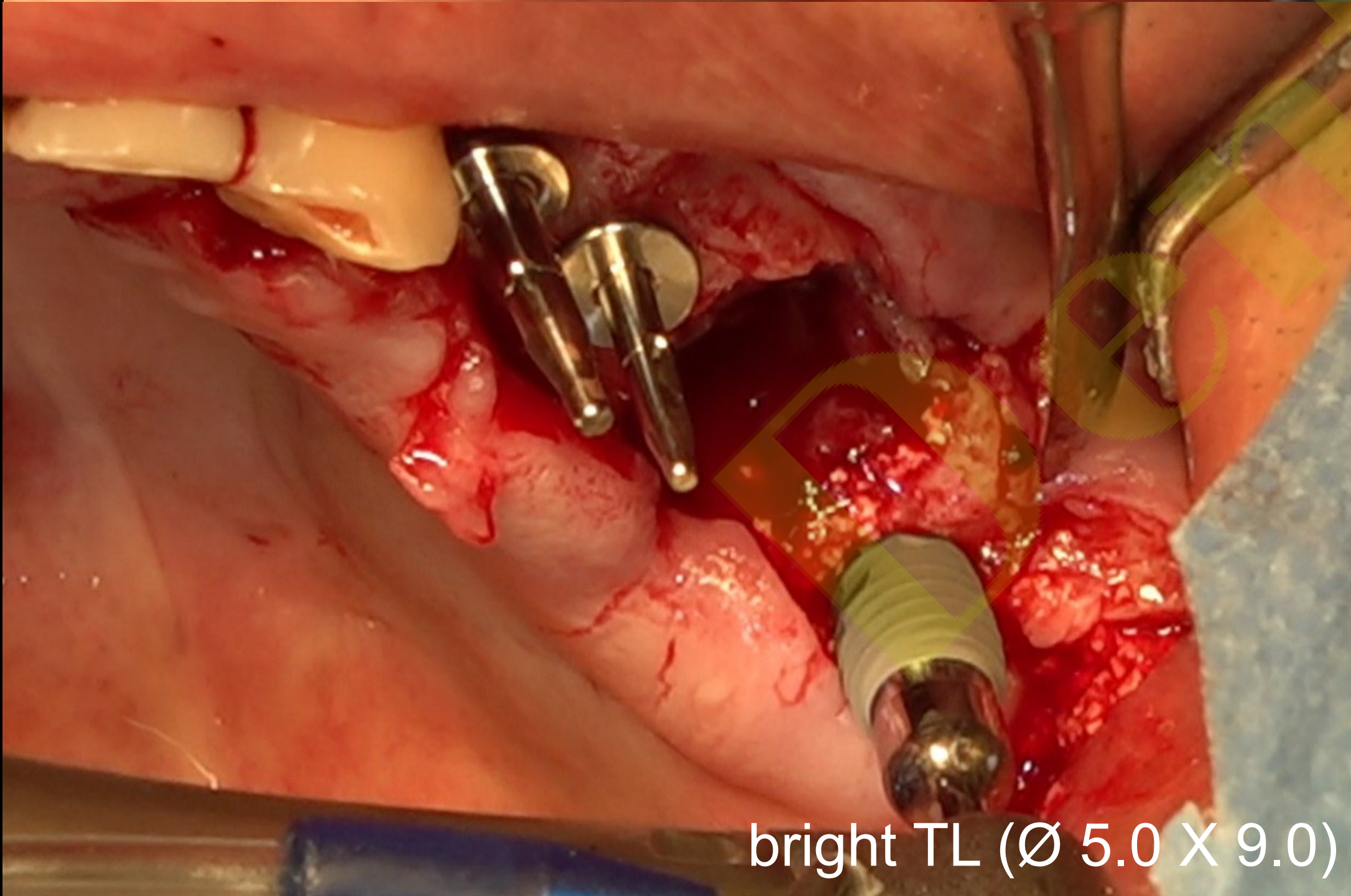




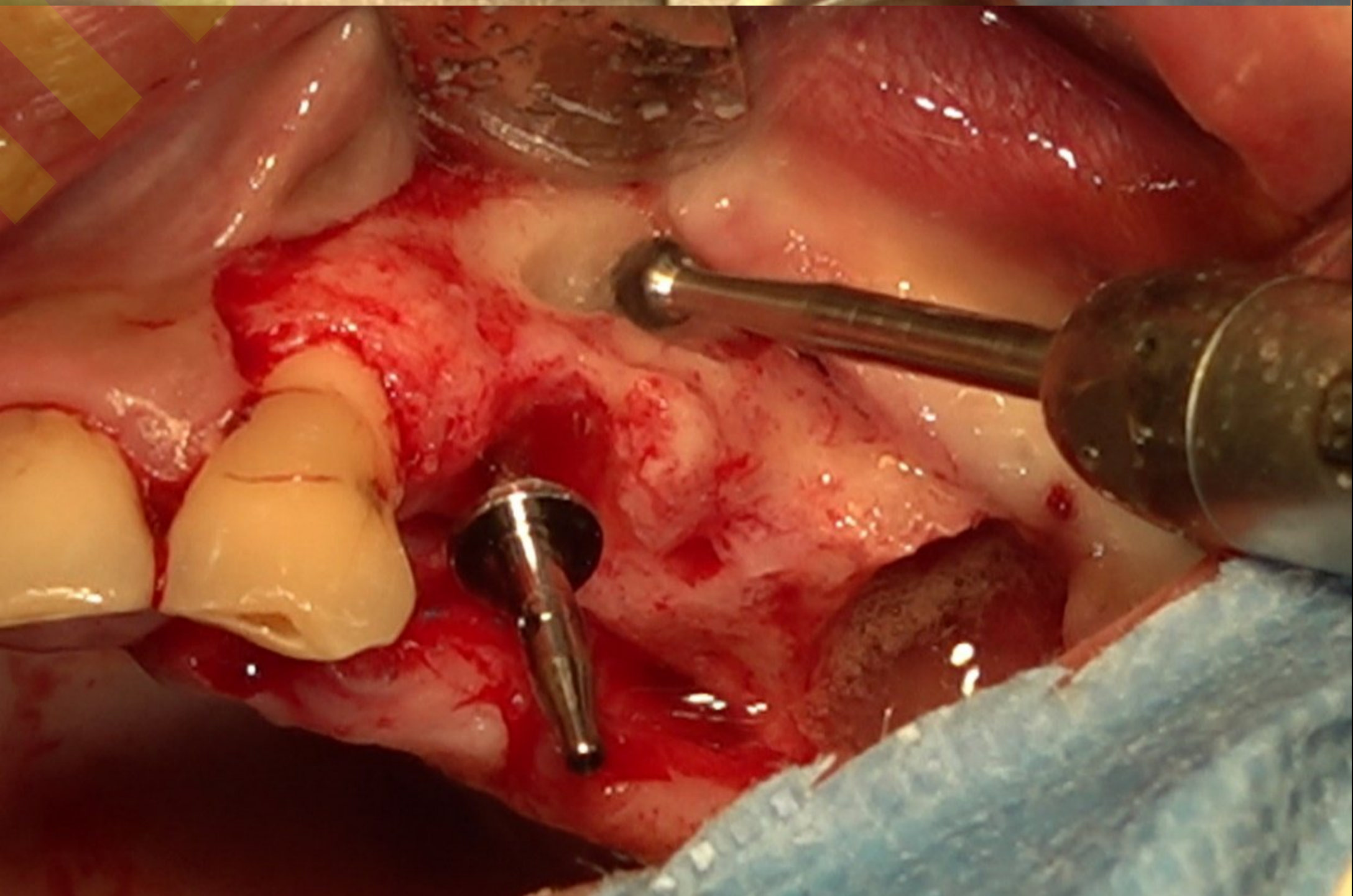
OSTEON™ 3 Collagen

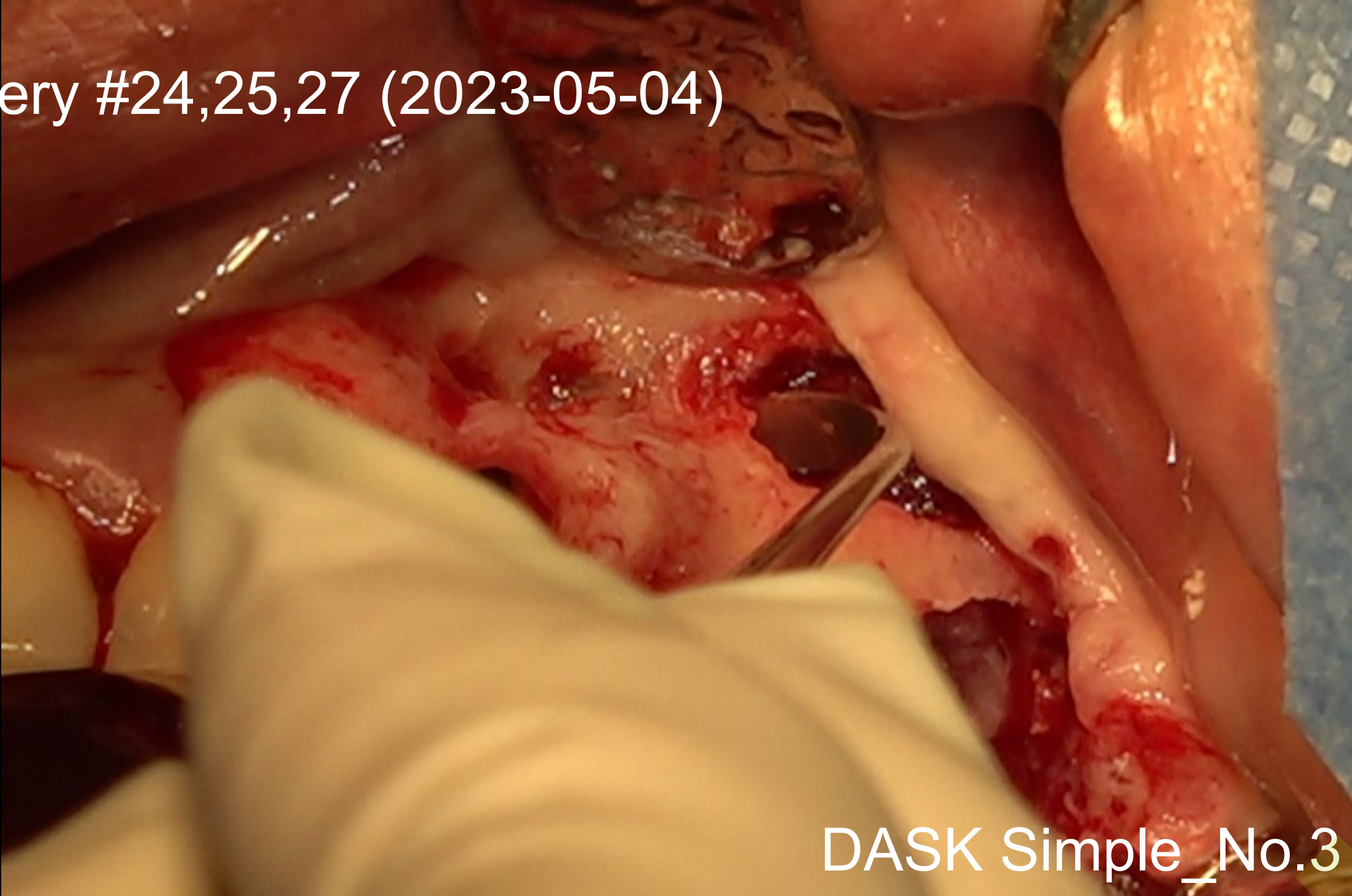


DASK Simple_Compaction drill

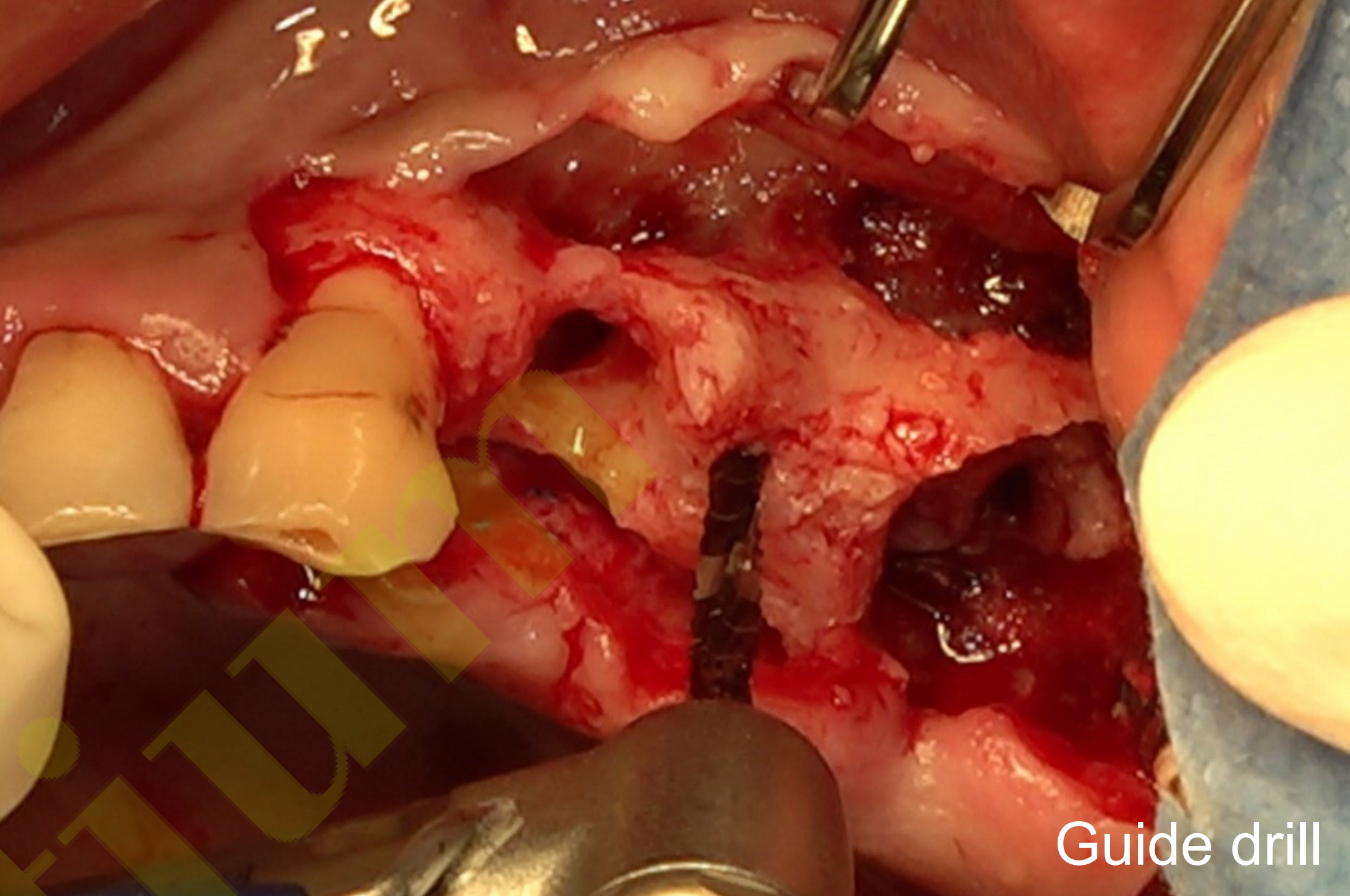


bright TL (Ø 5.0 X 9.0)

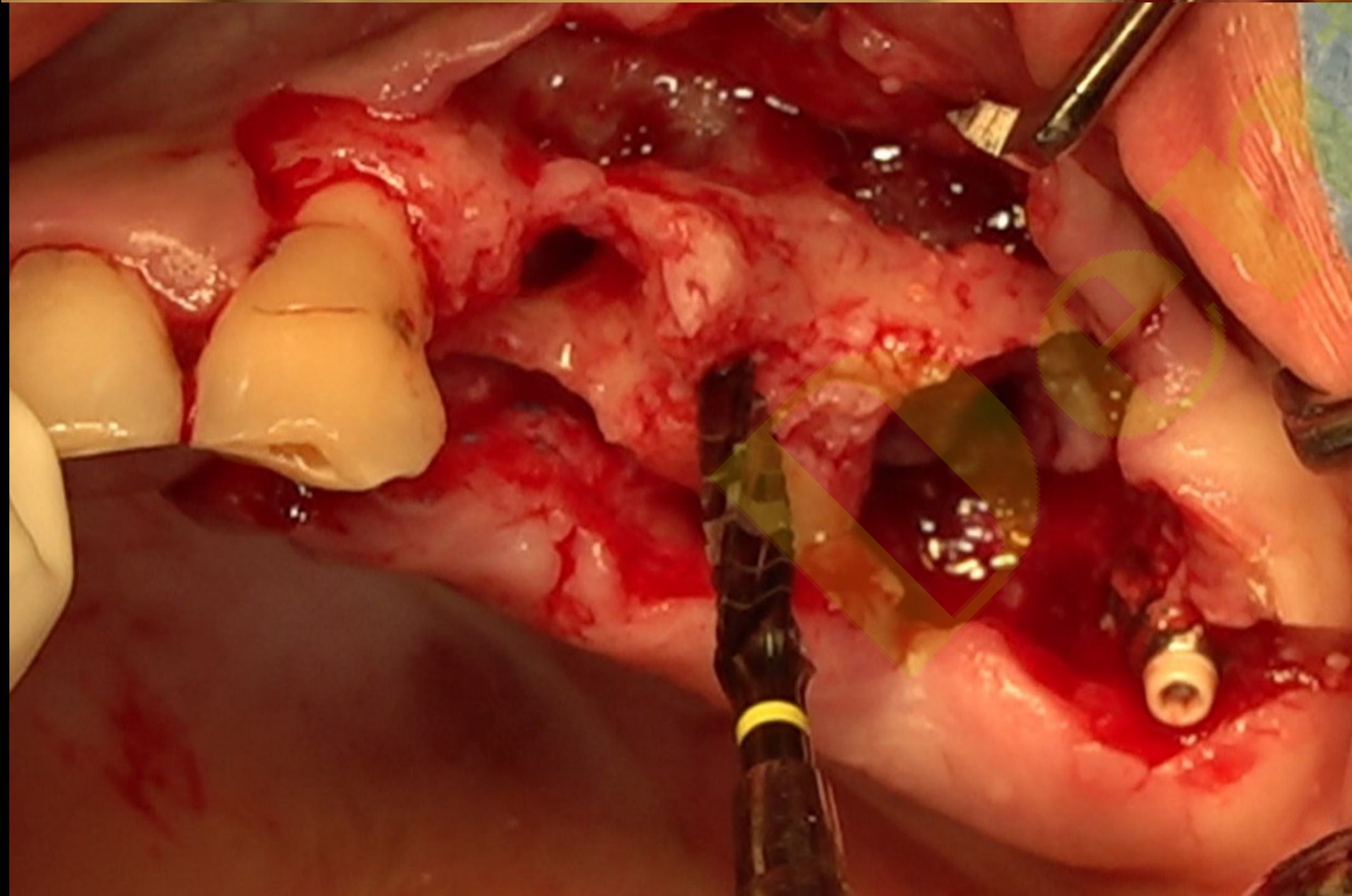




DASK Simple_No.3

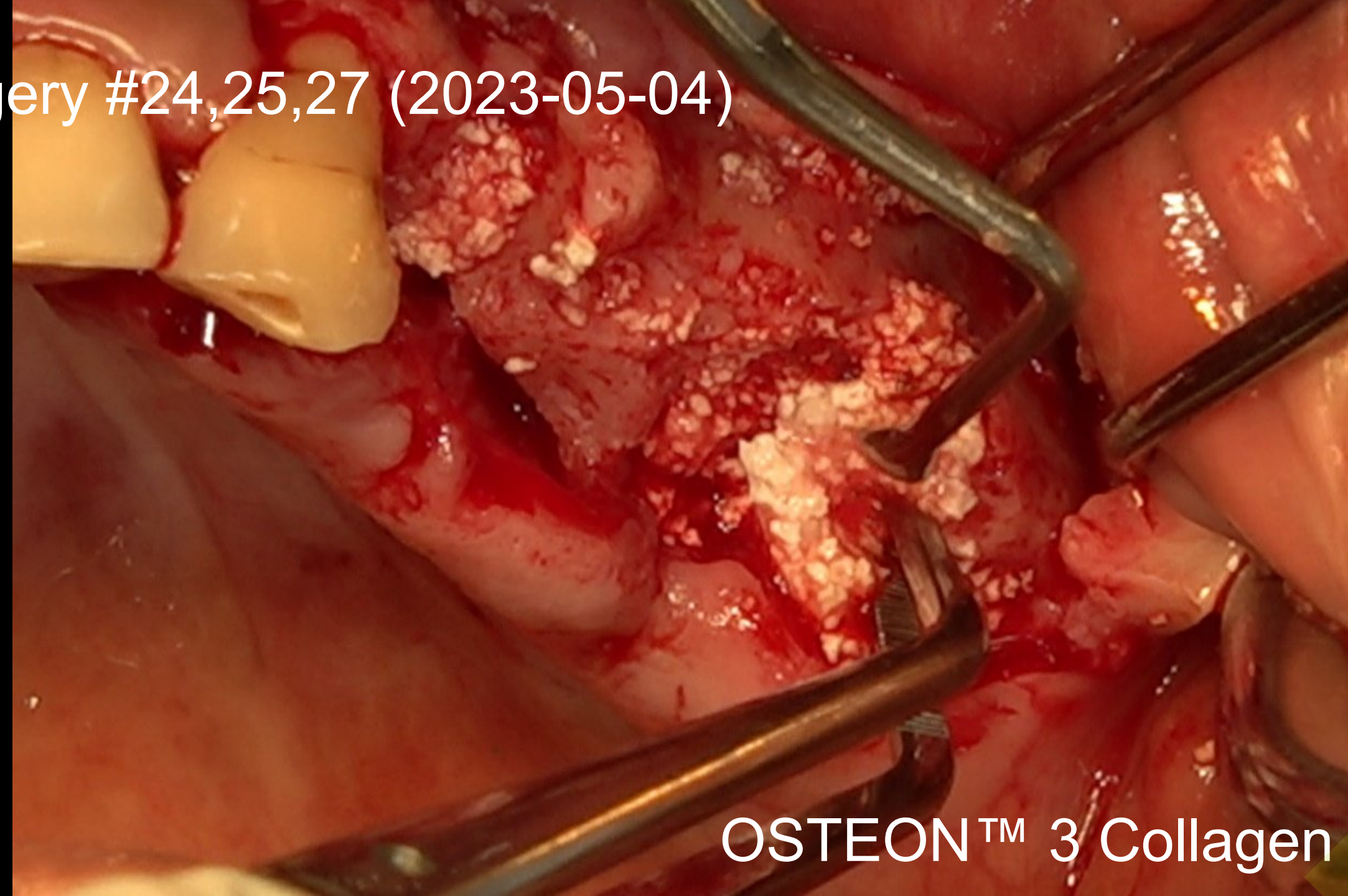


Guide drill

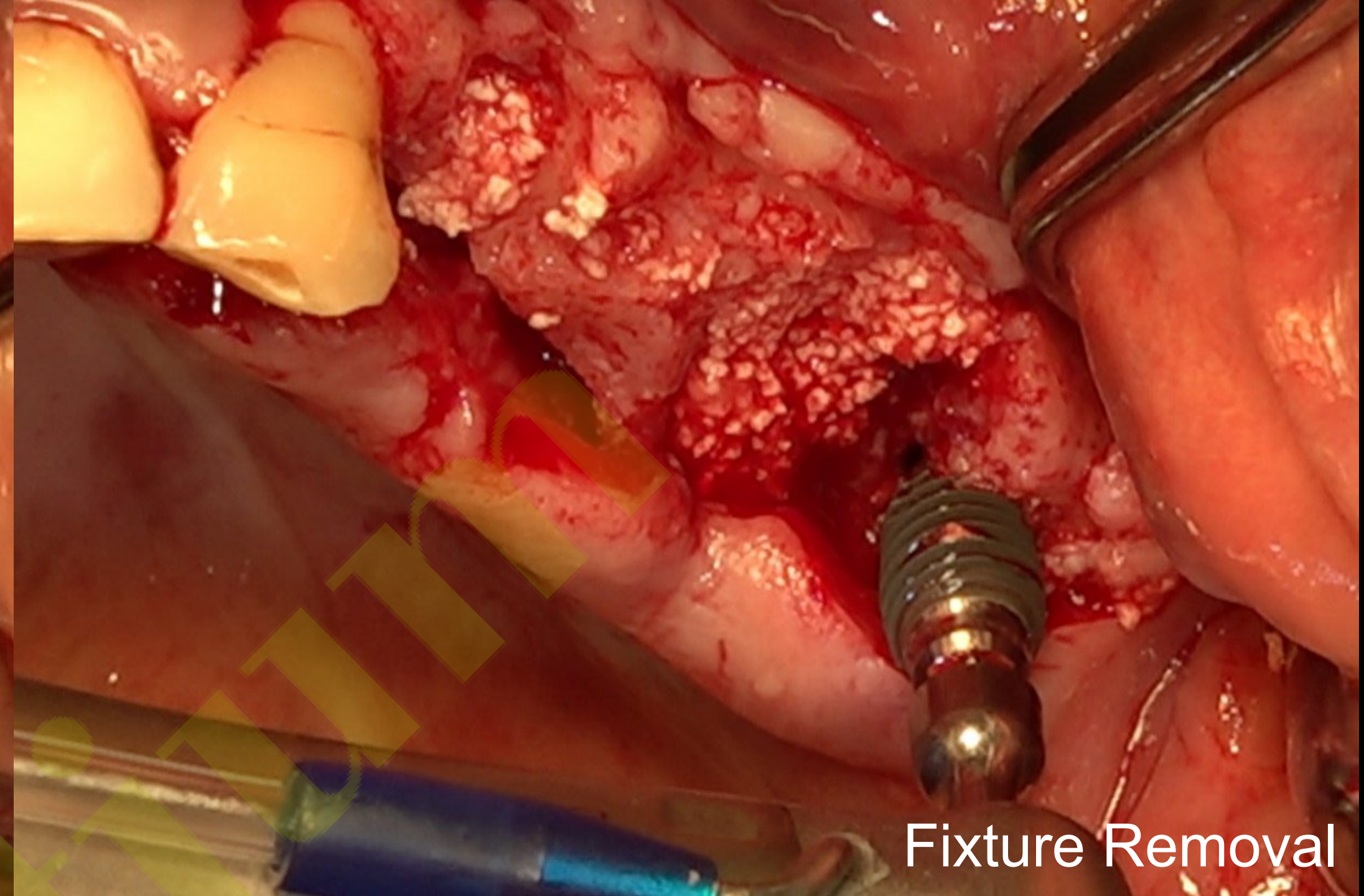


OSTEON™ 3 Collagen

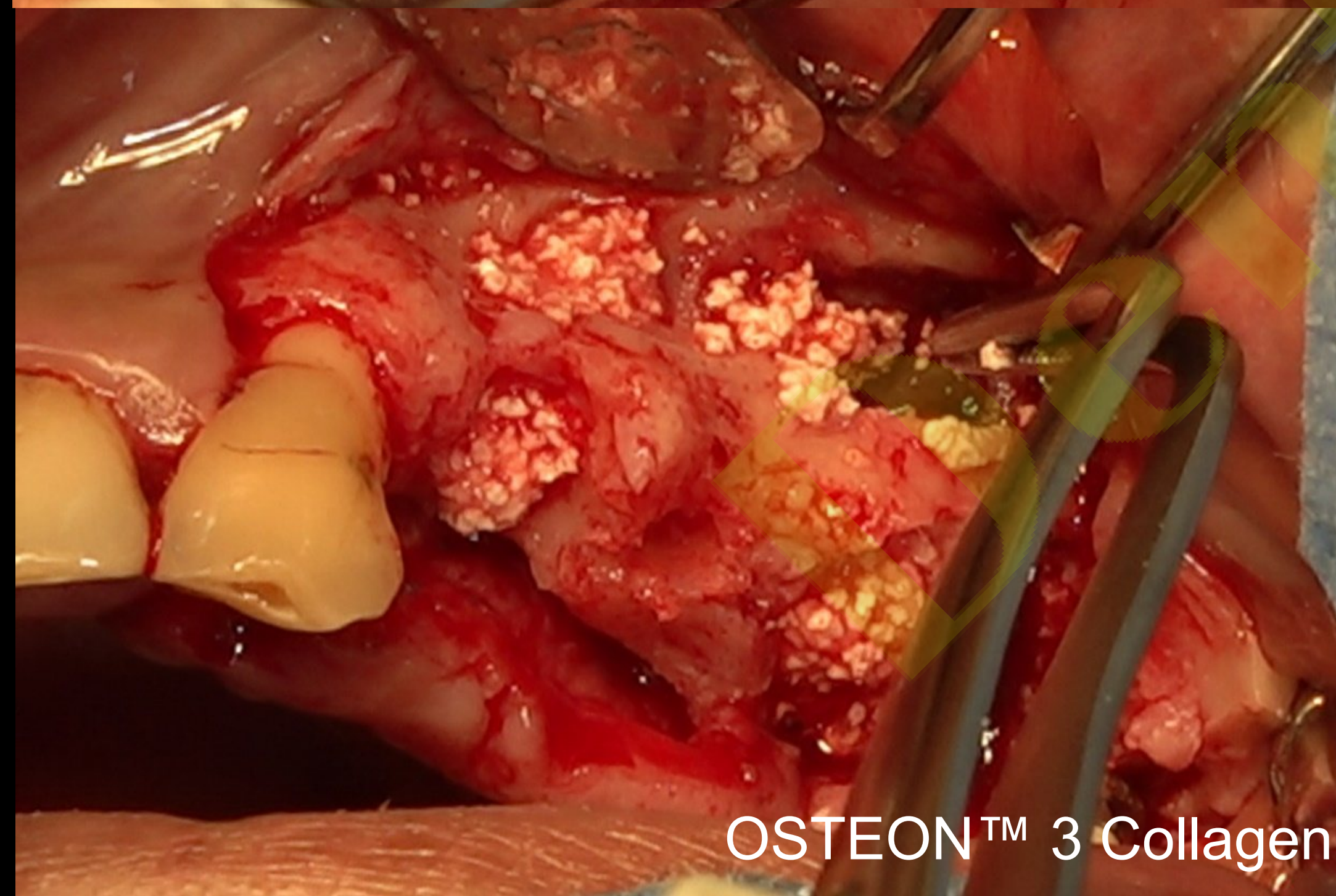
Surgery #24,25,27 (2023-05-04)



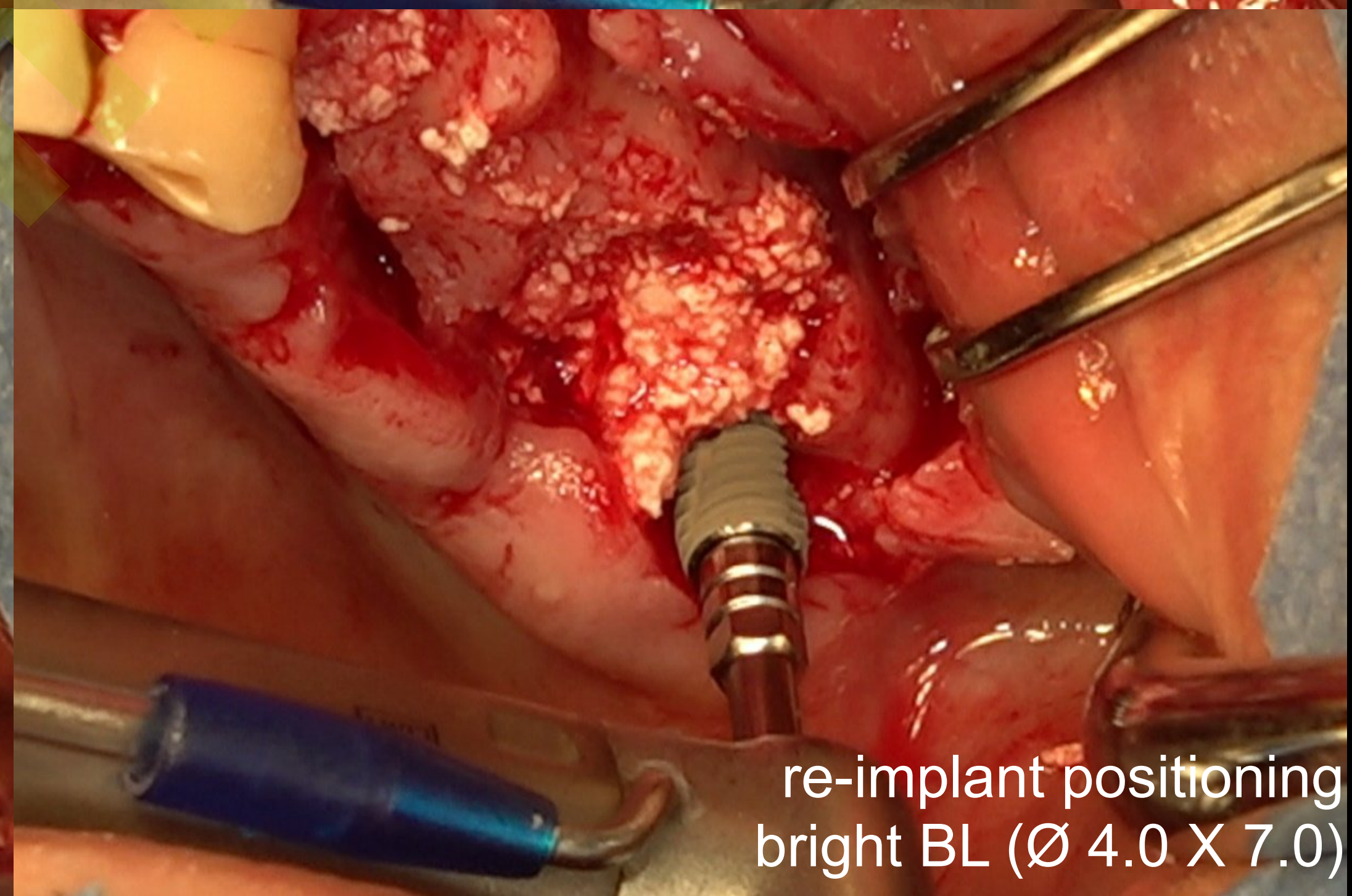
OSTEON™ 3 Collagen



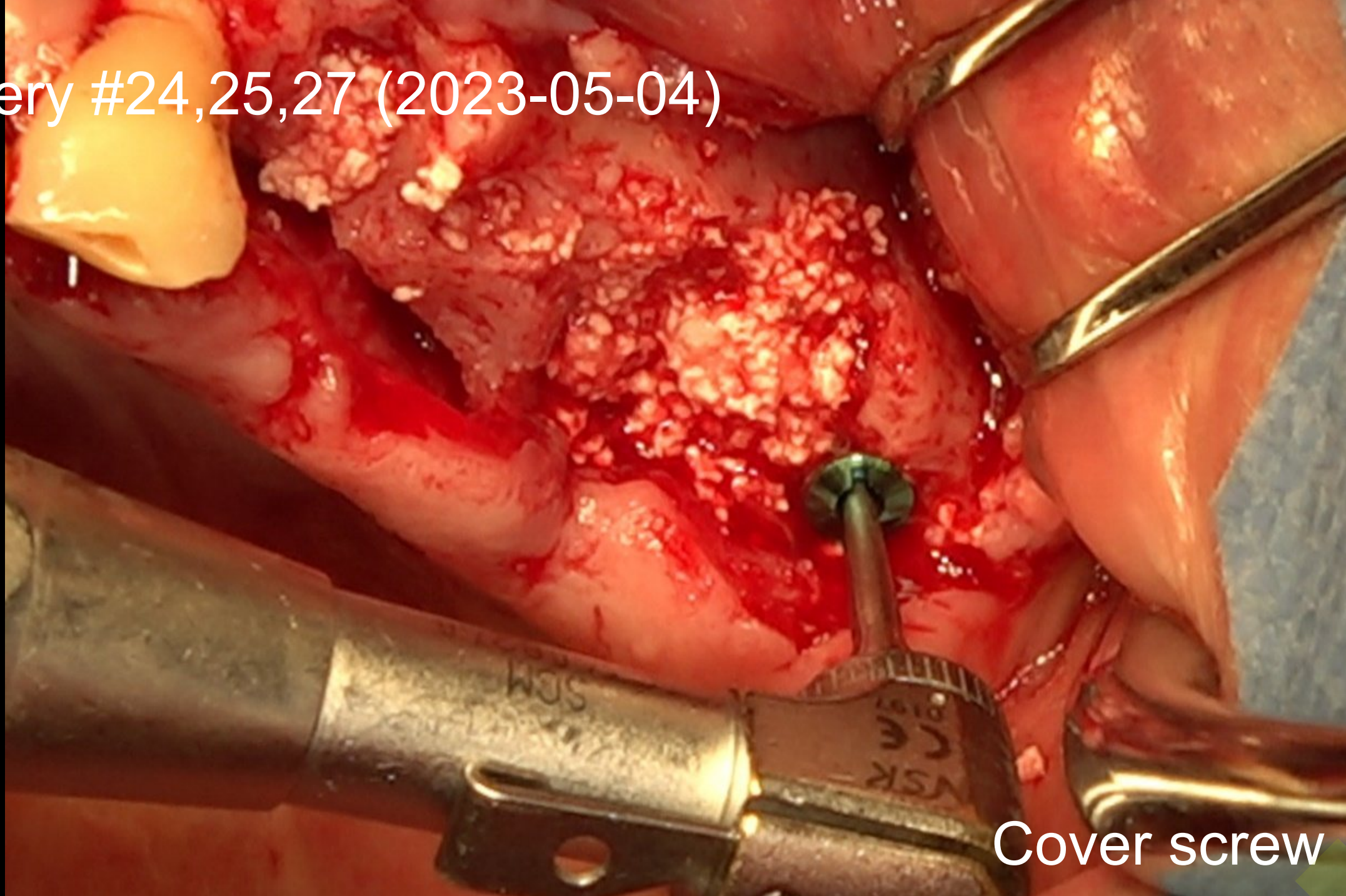
Fixture Removal



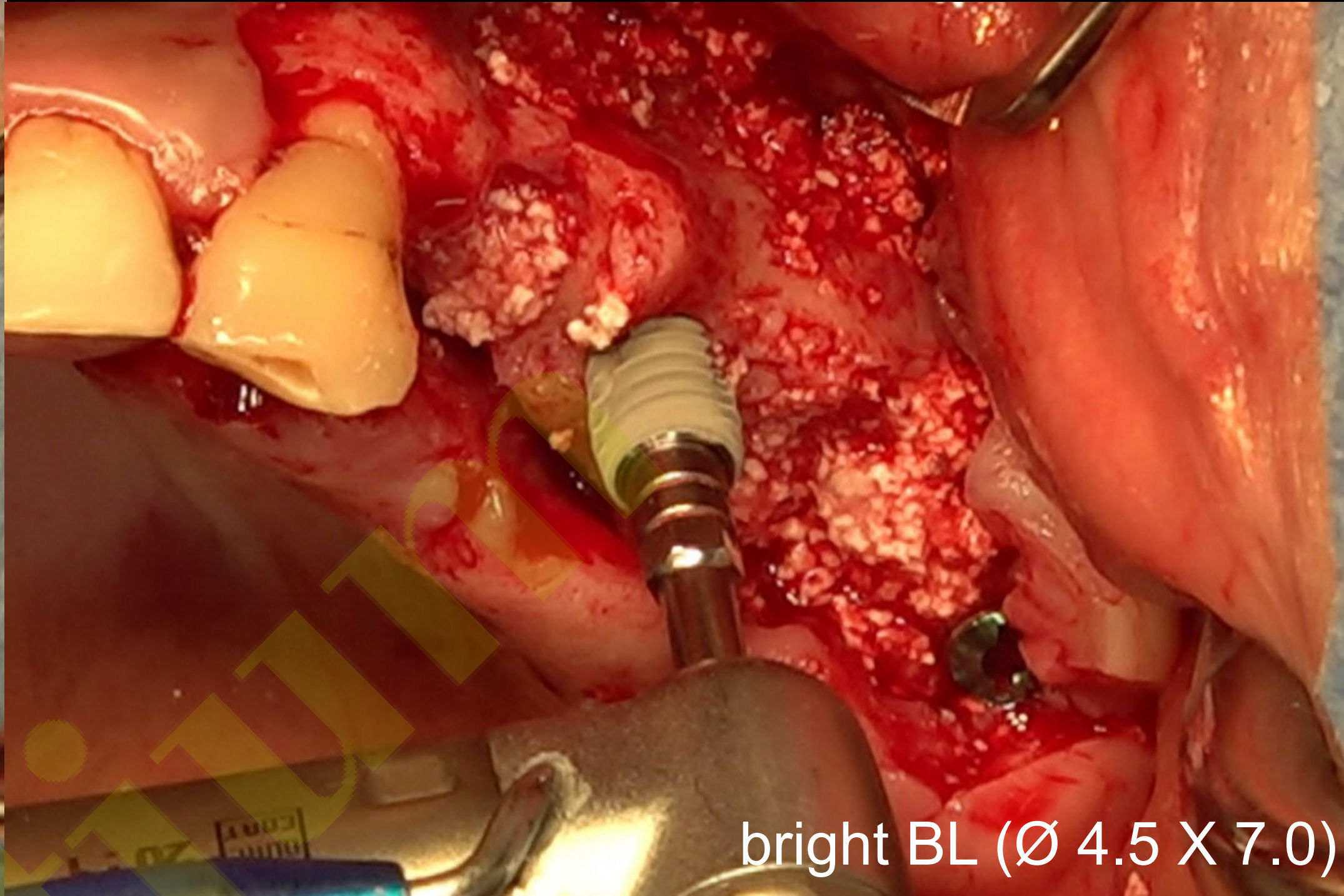
OSTEON™ 3 Collagen



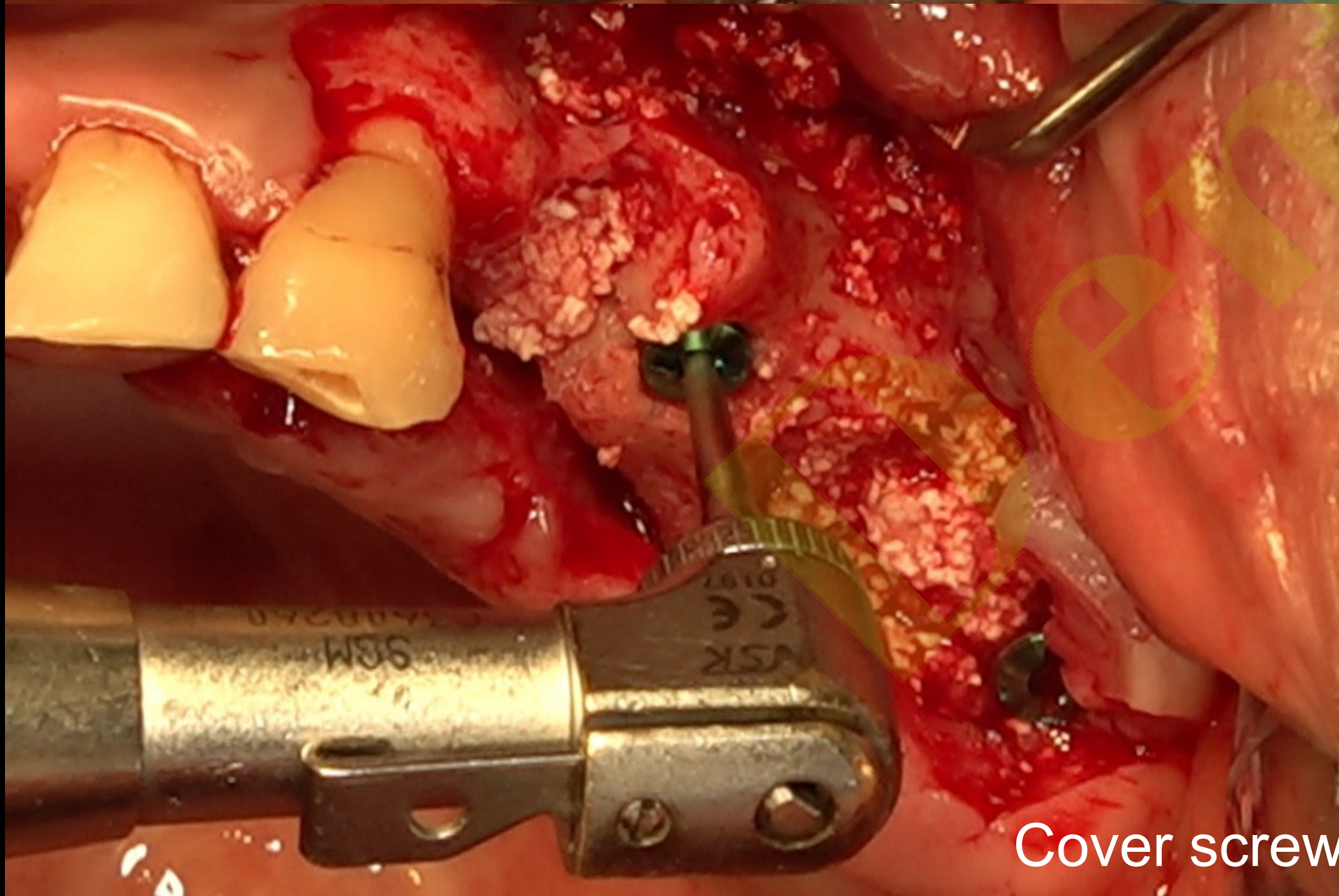
re-implant positioning
bright BL (Ø 4.0 X 7.0)



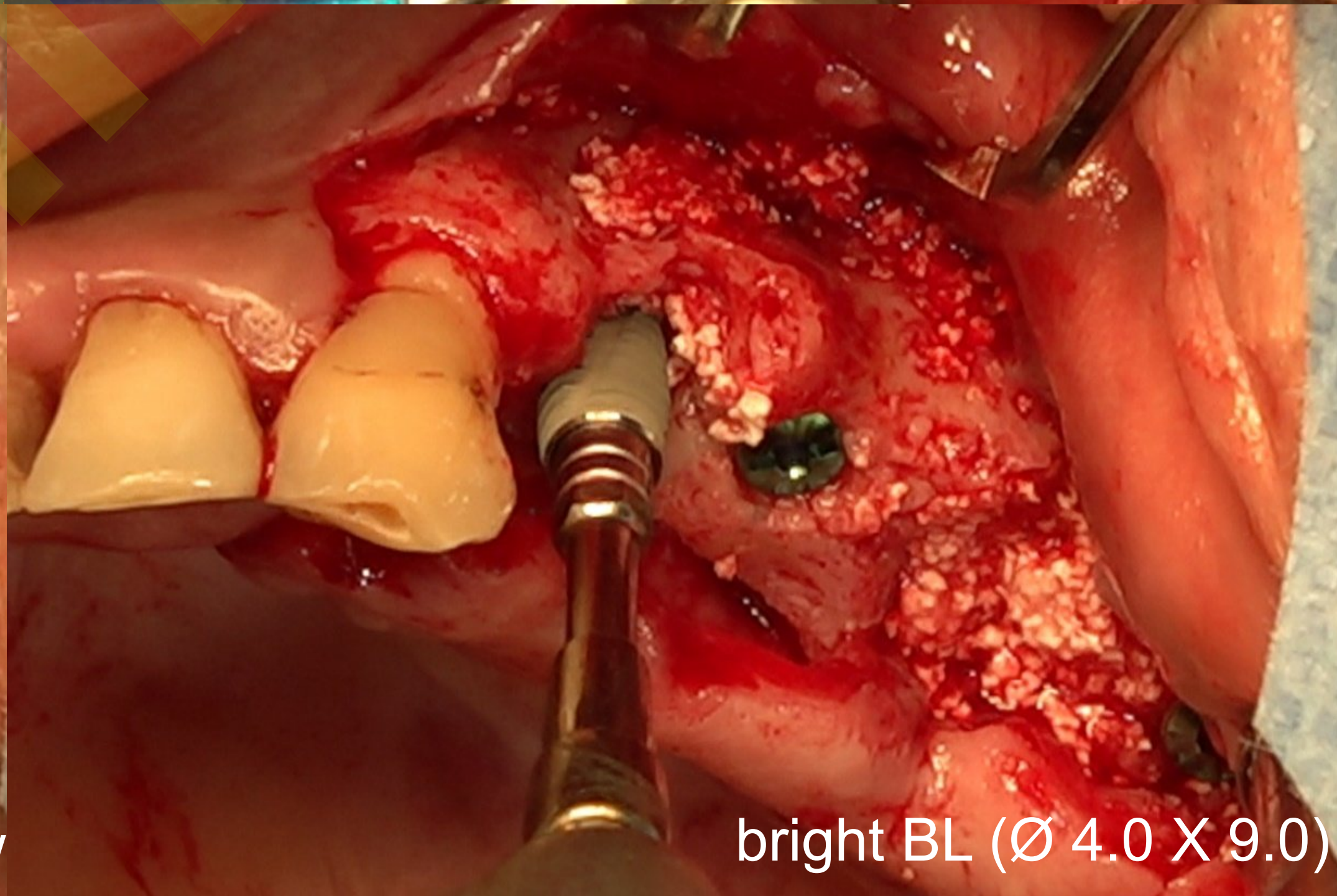
Cover screw



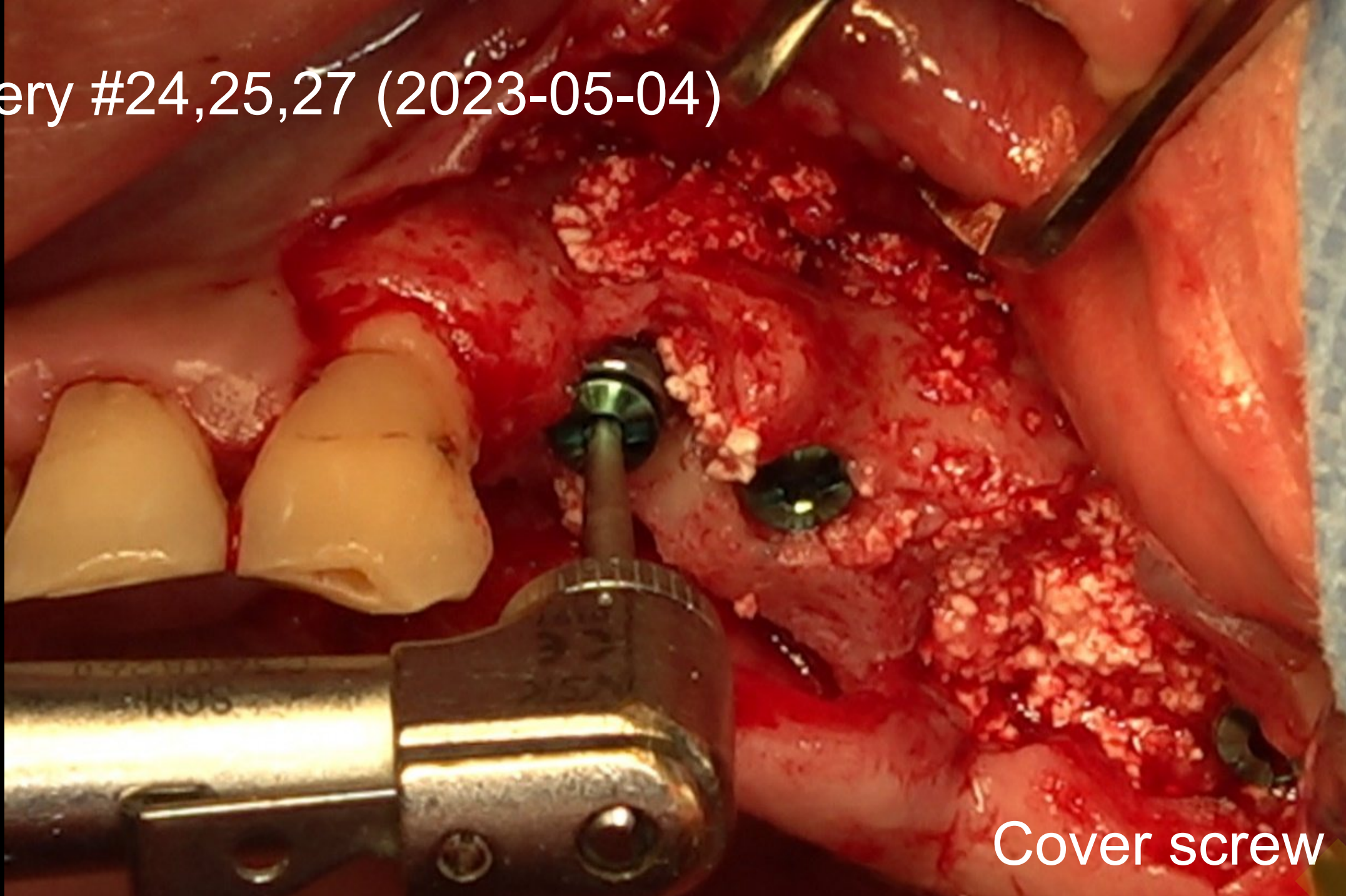
bright BL (Ø 4.5 X 7.0)



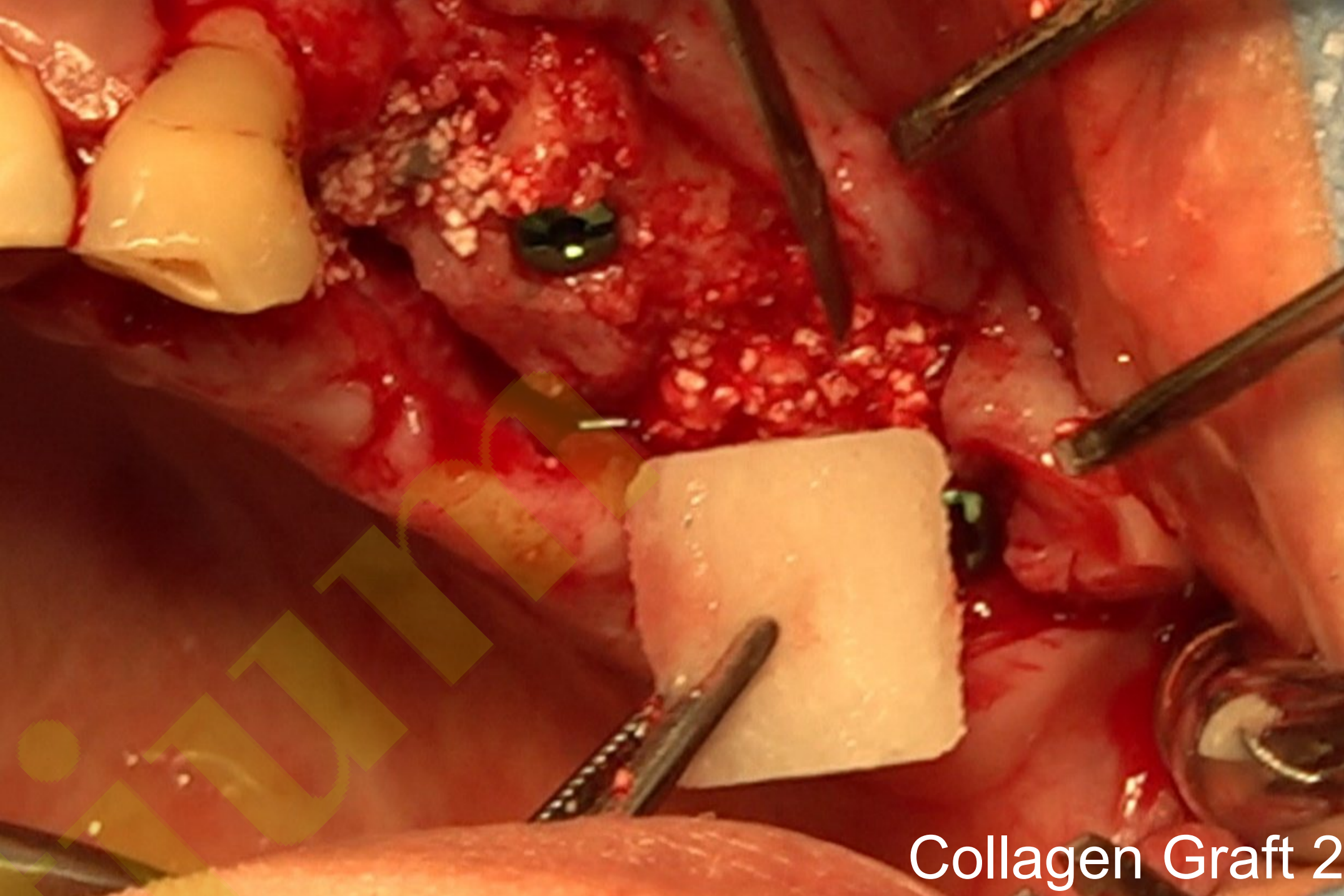
Cover screw



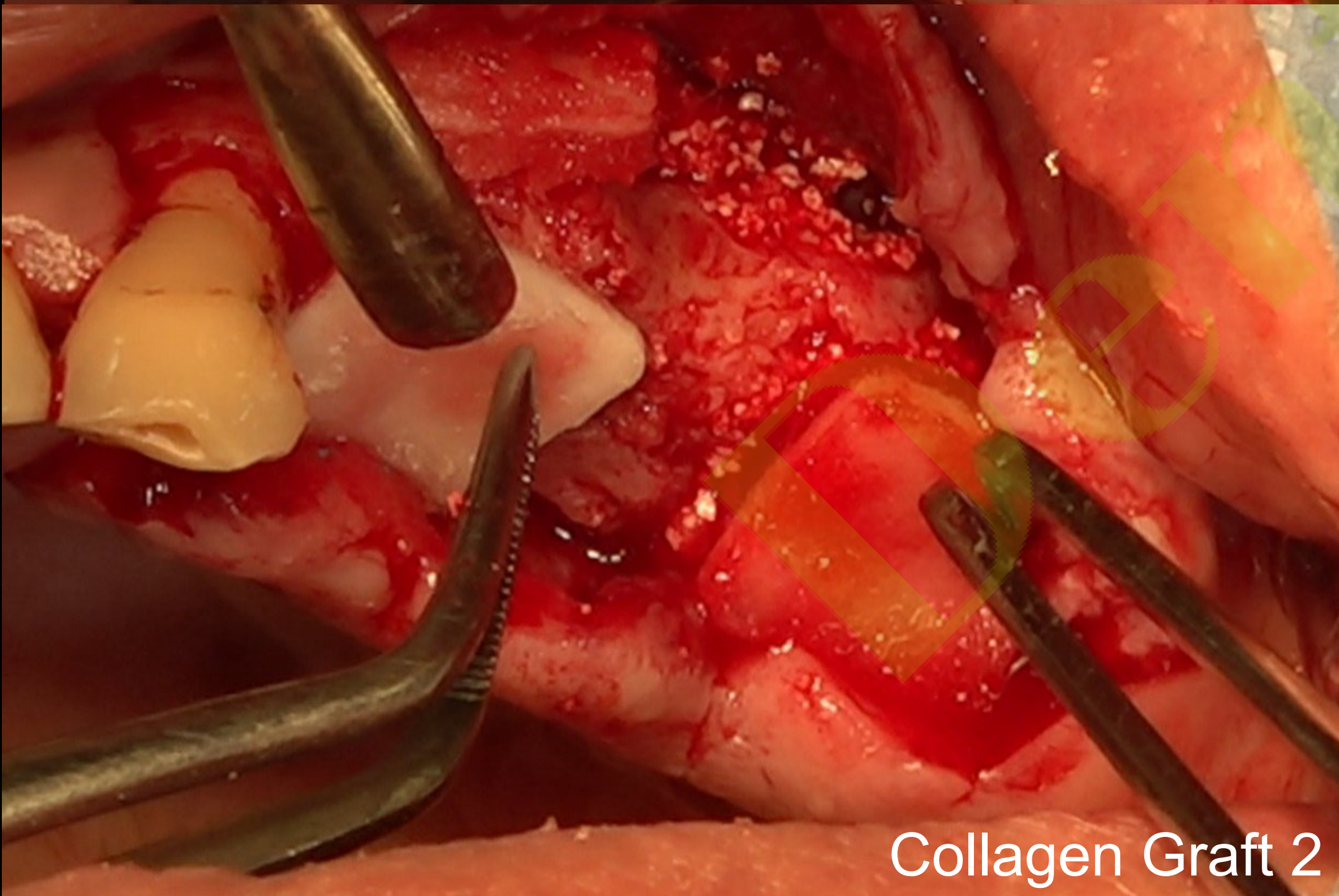
bright BL (Ø 4.0 X 9.0)



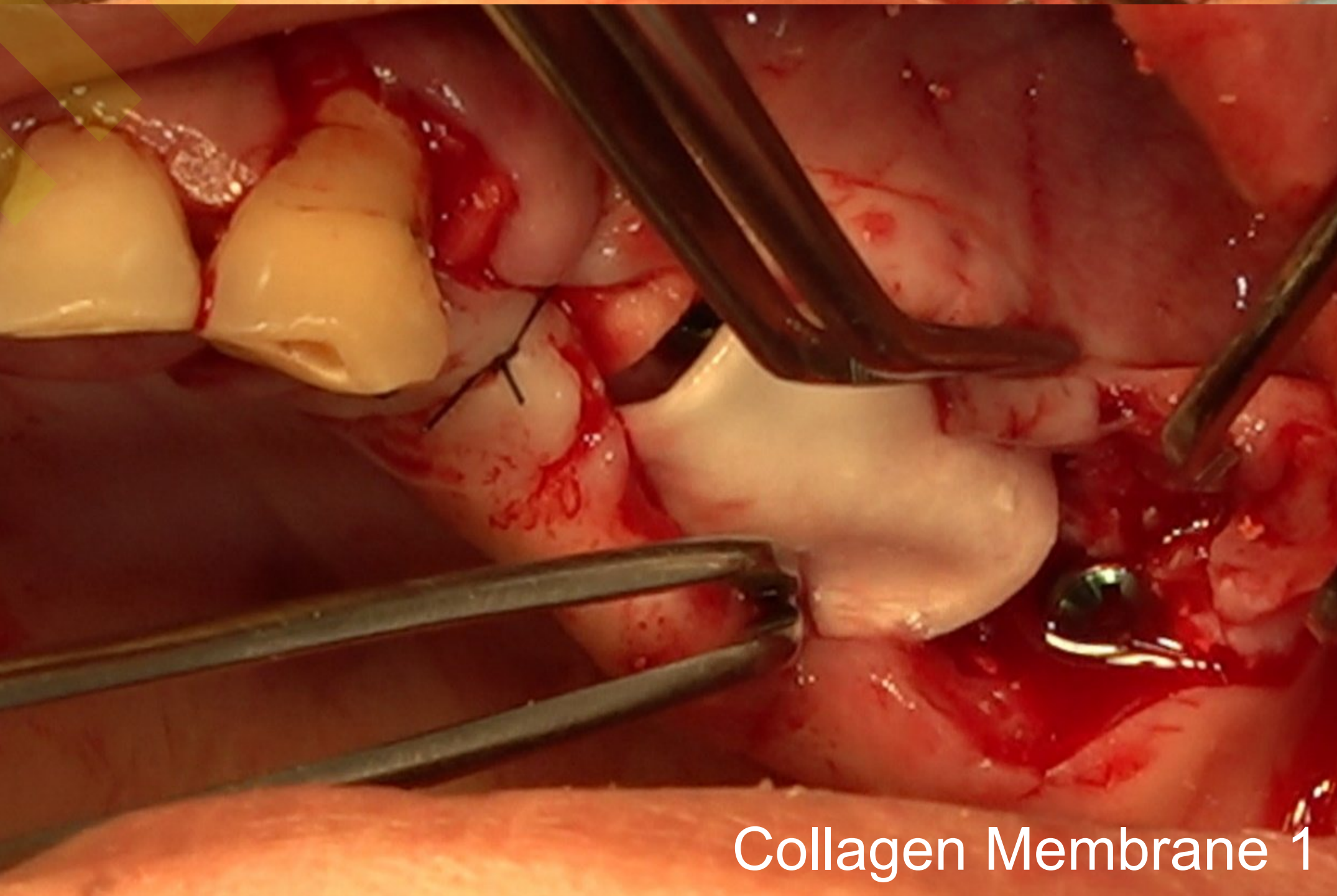
Cover screw



Collagen Graft 2

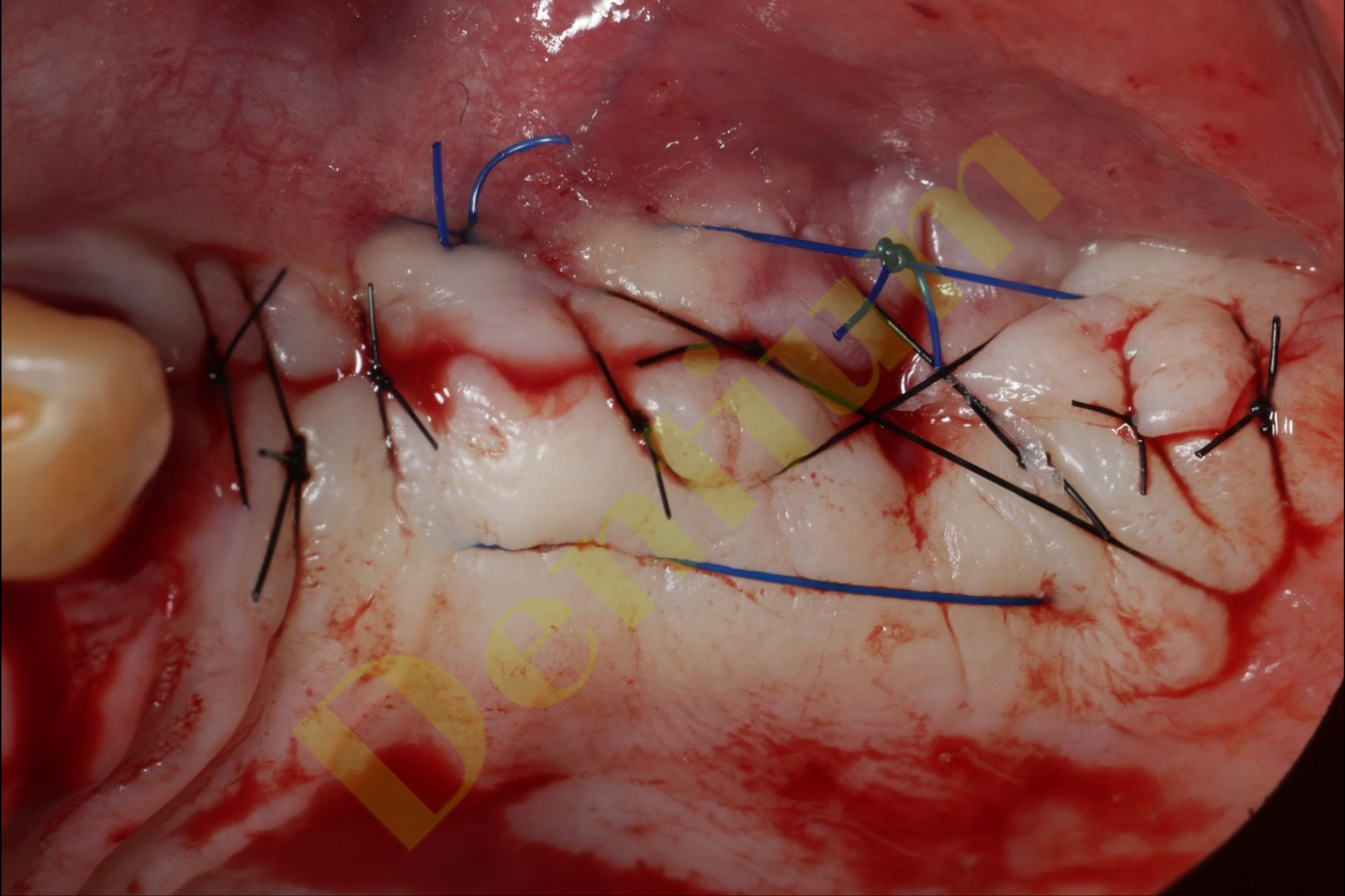


Collagen Graft 2

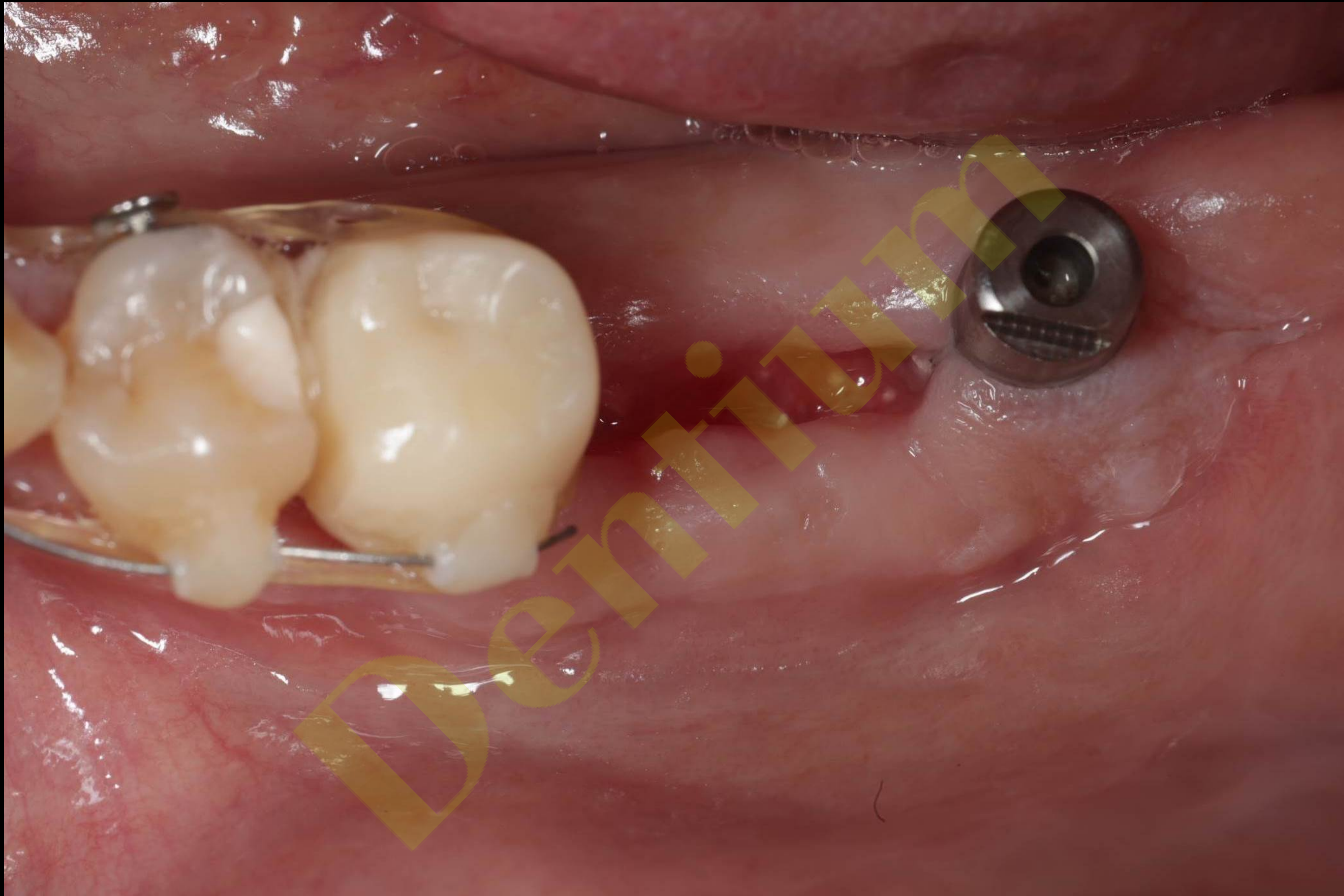


Collagen Membrane 1

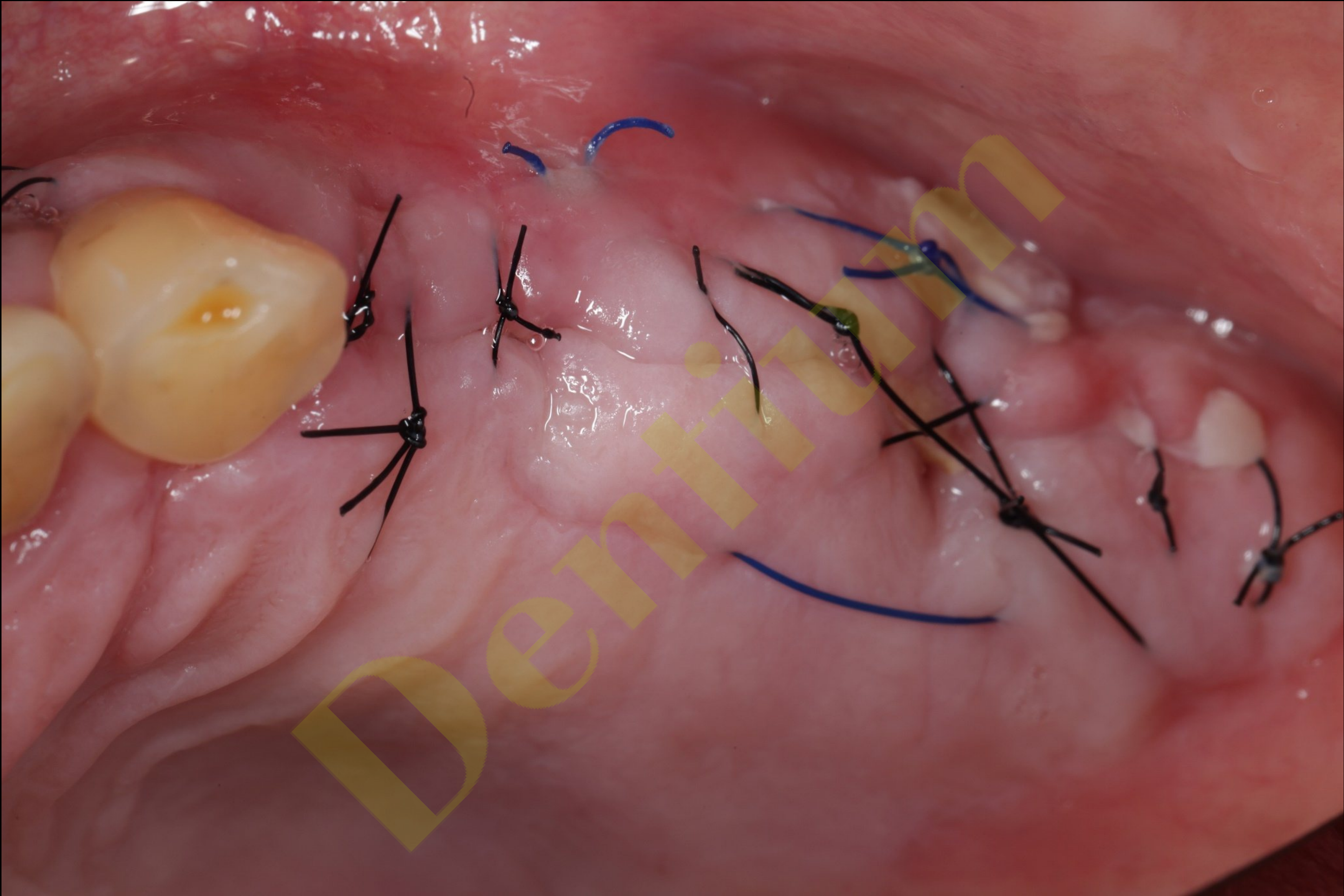
Post-op (2023-05-04)



Healing : 3 weeks #35,37 (2023-05-10)



Healing : 1 week #24,25,27 (2023-05-10)

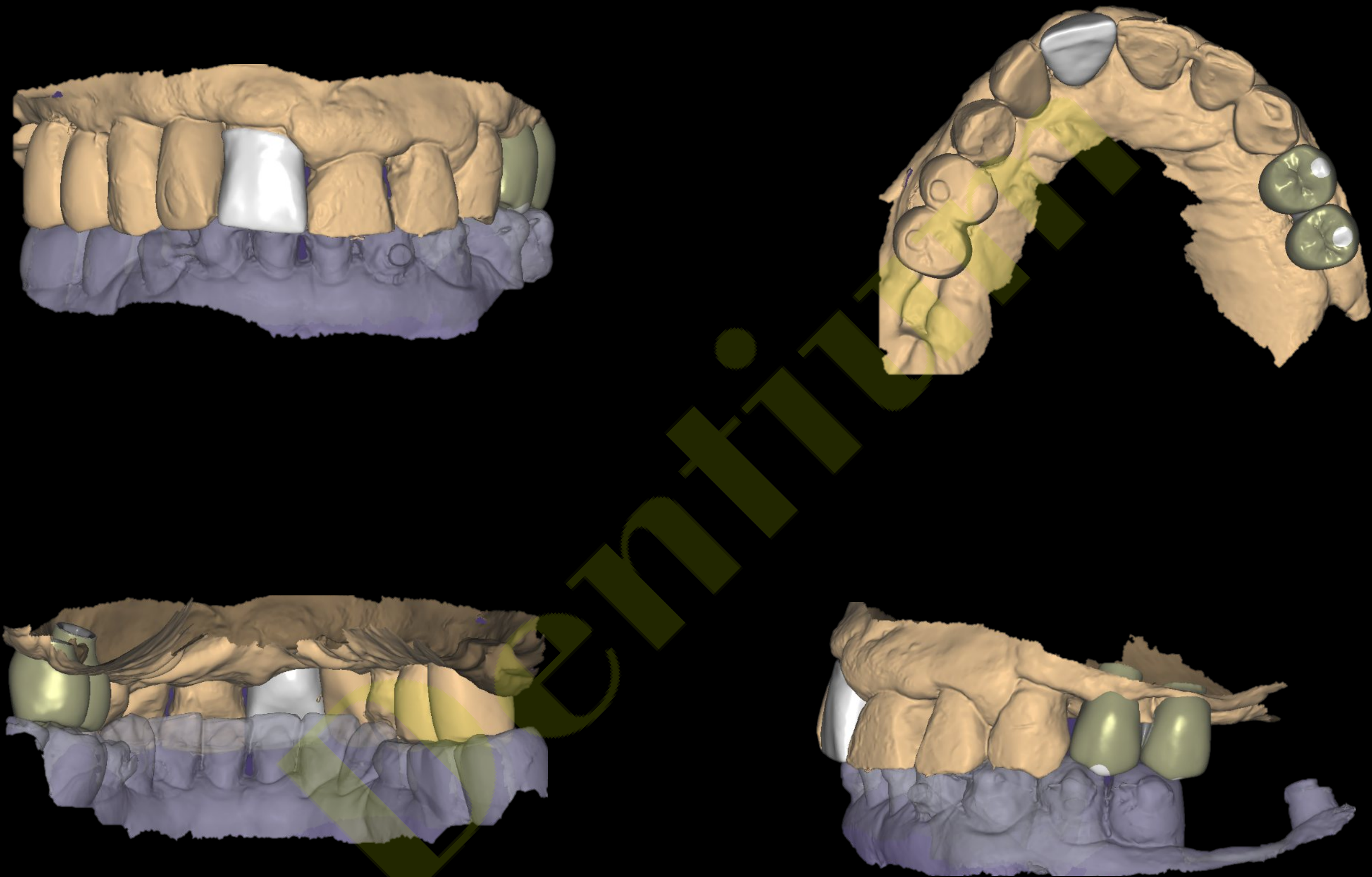




Healing : 1 month #47 (2023-06-05)



CAD (Temporary)



Provisional restoration #24,25 (2023-06-05)



2nd Surgery #27 (2023-10-24)



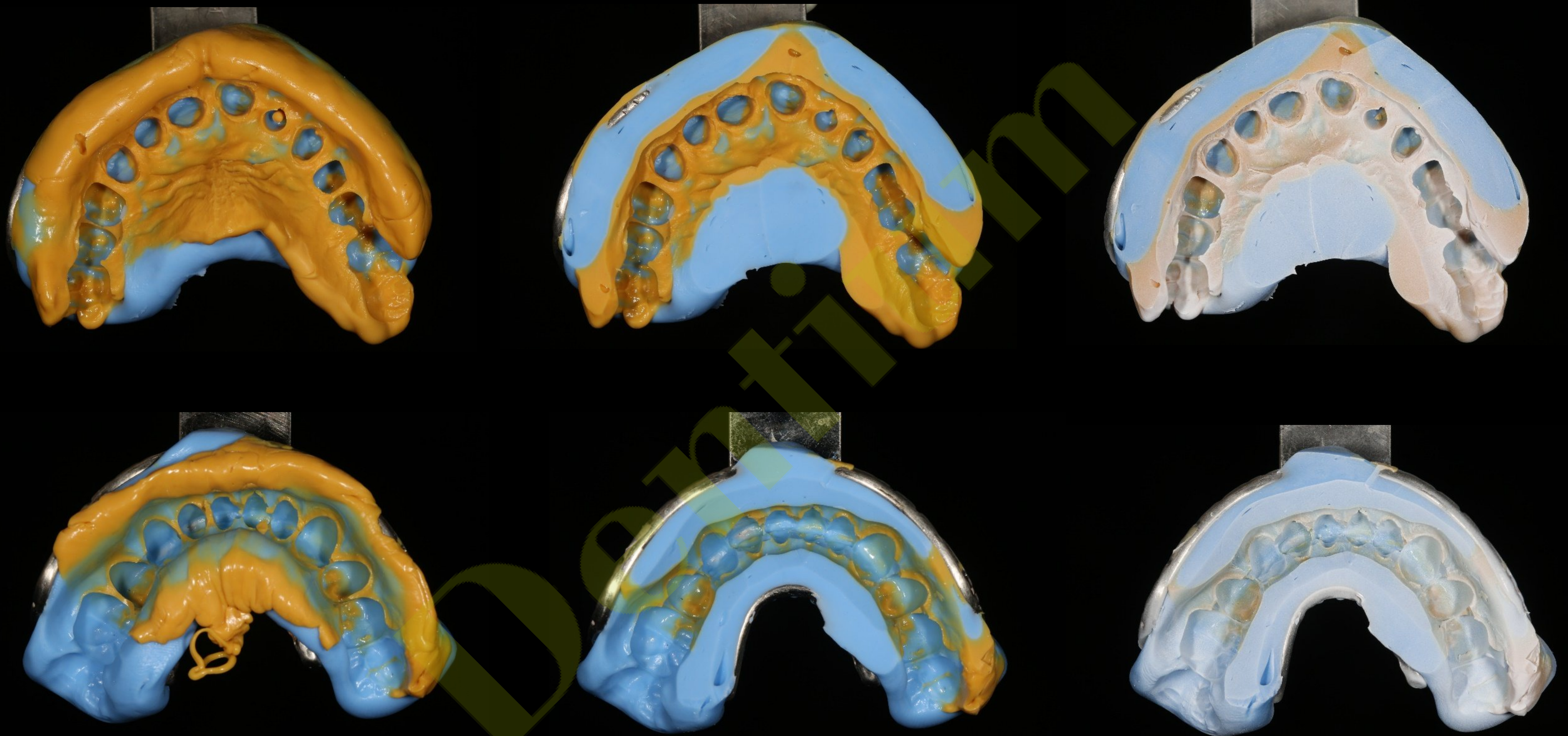
2nd Surgery #16 (2023-10-24)



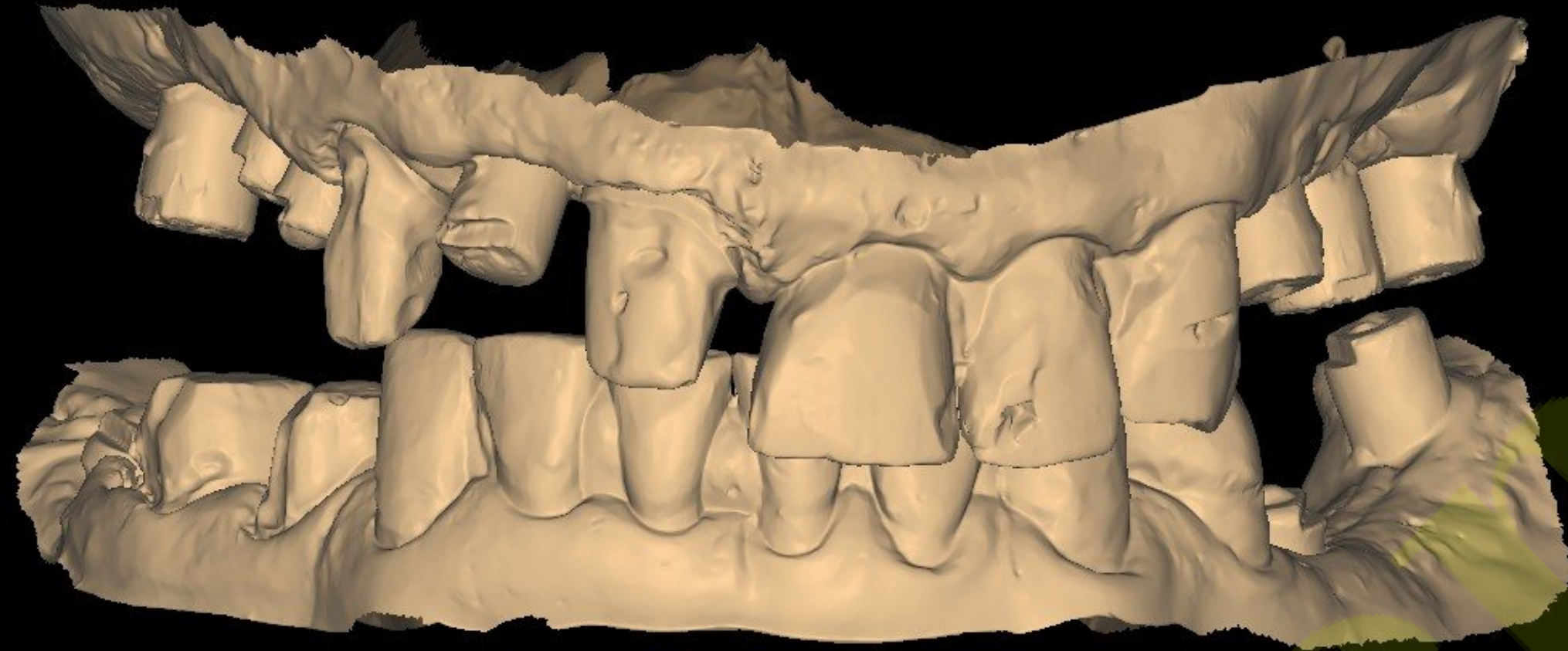
Final Impression (2023-10-28)



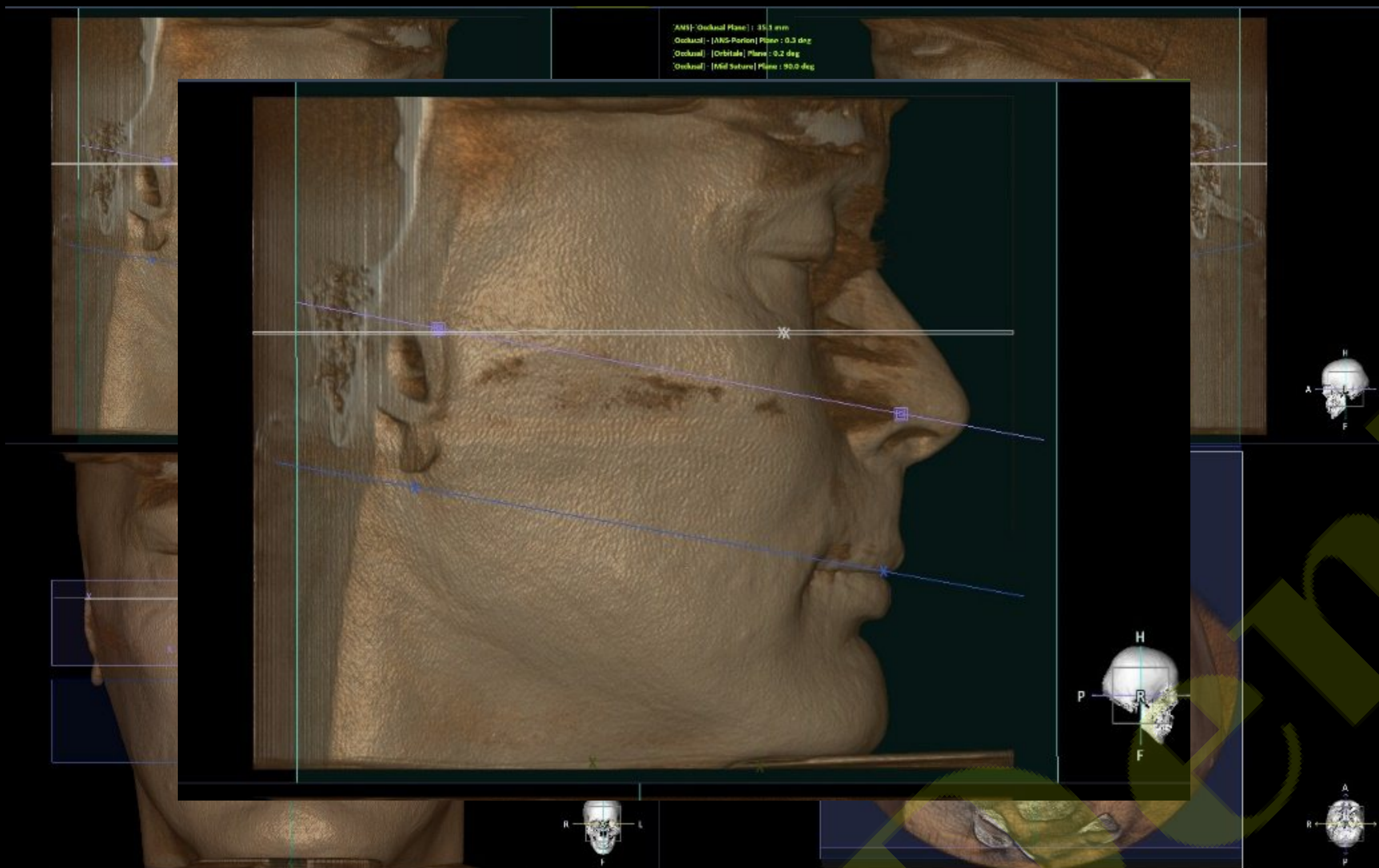
Impression / Trimming / Scan spray



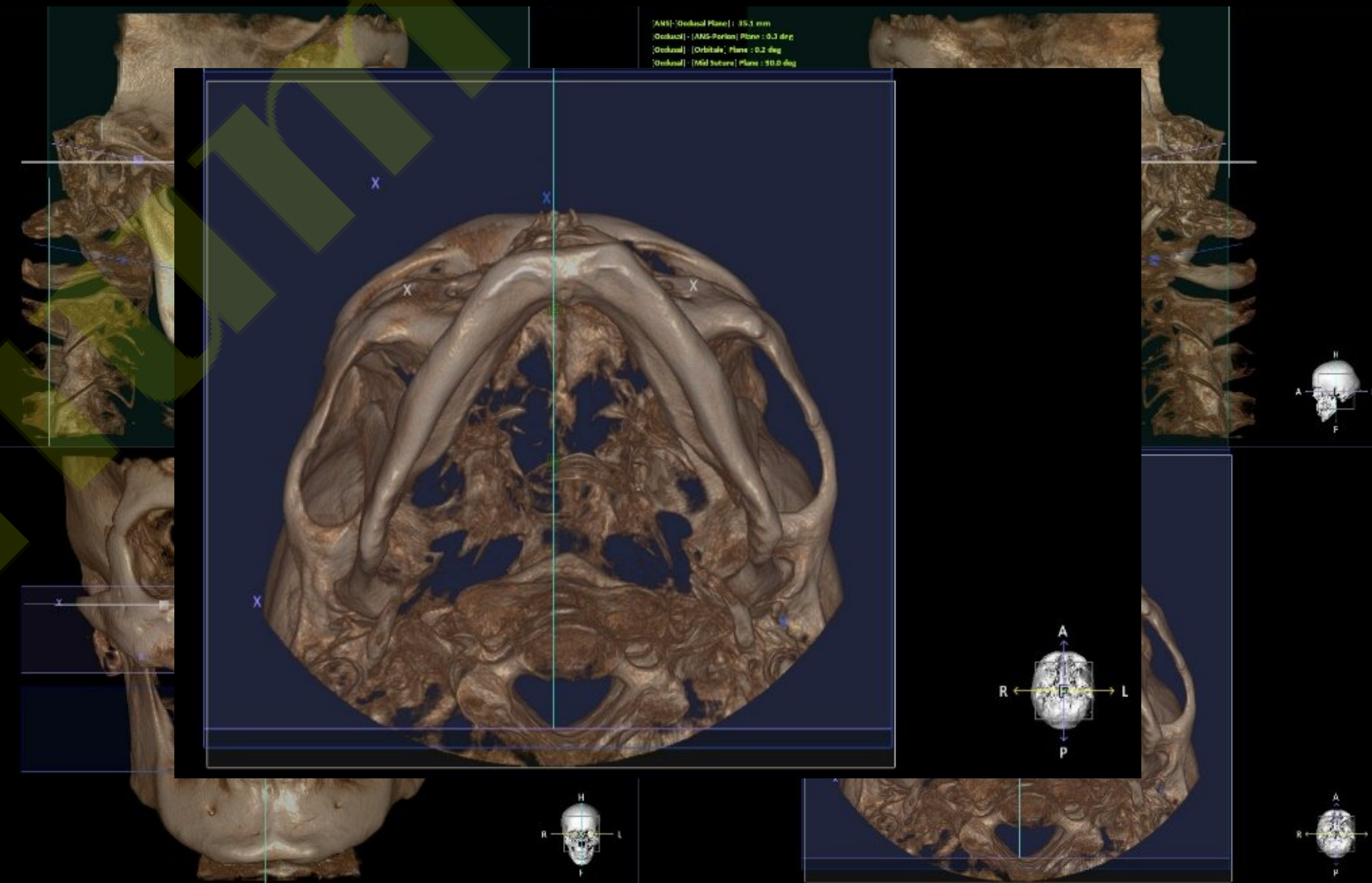
Working Model



Cad Design

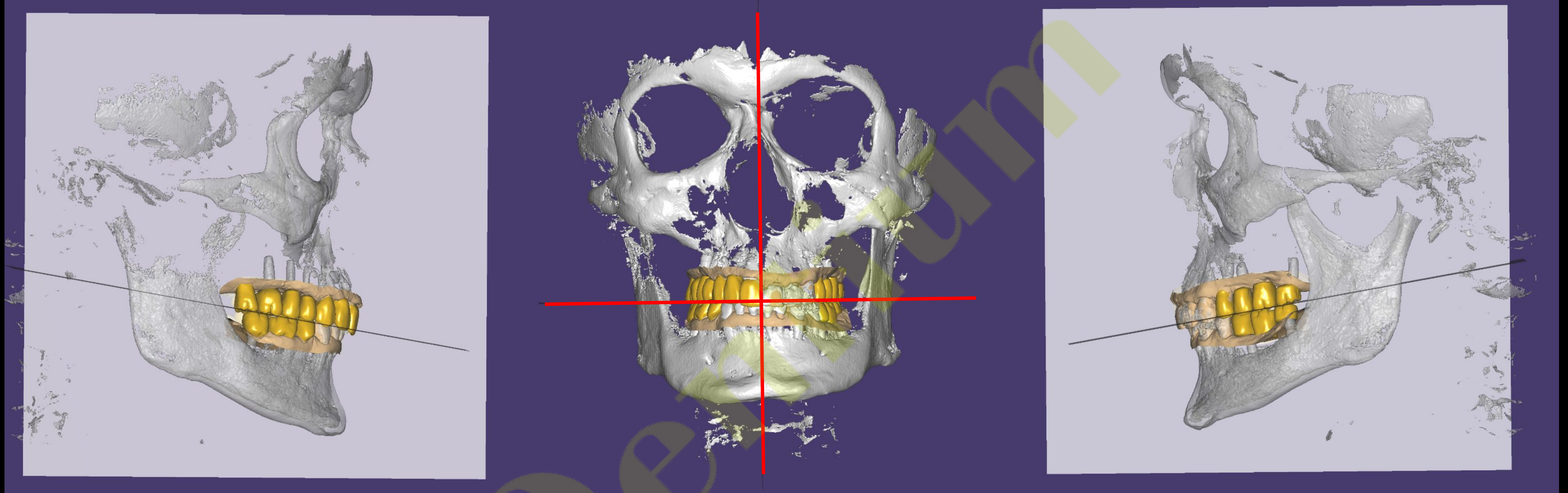


Soft Tissue

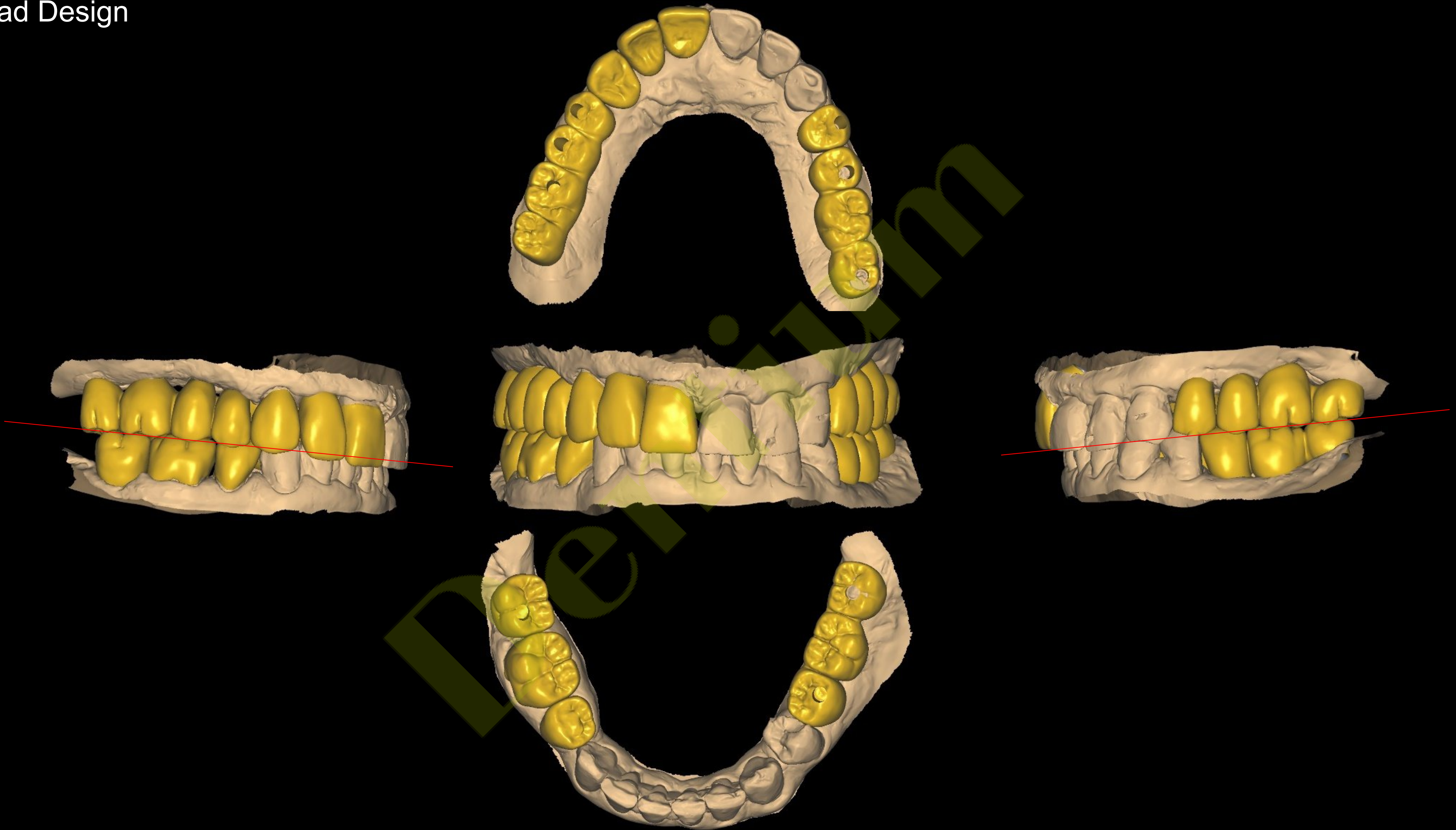


Hard Bone

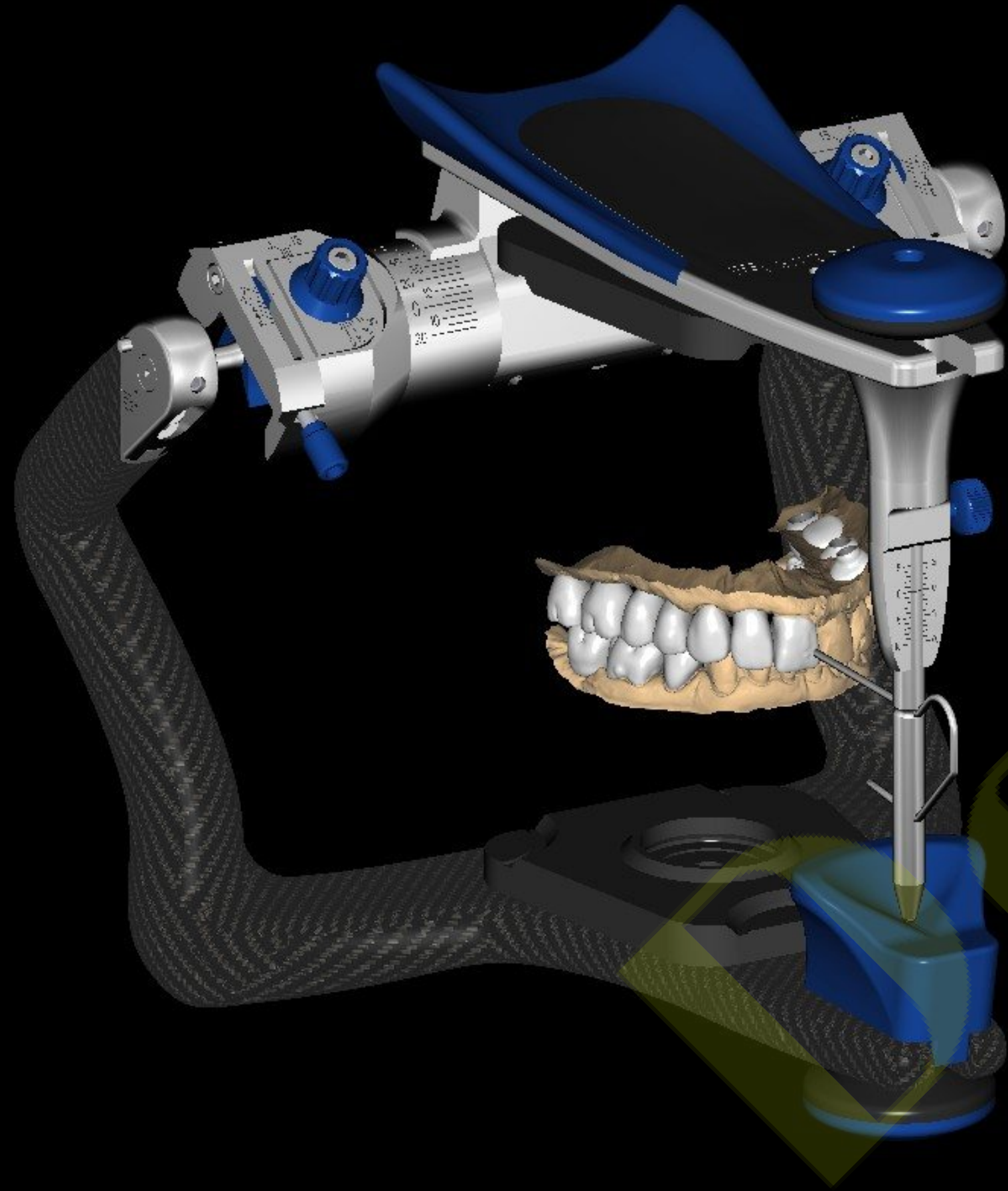
CAD (Final)



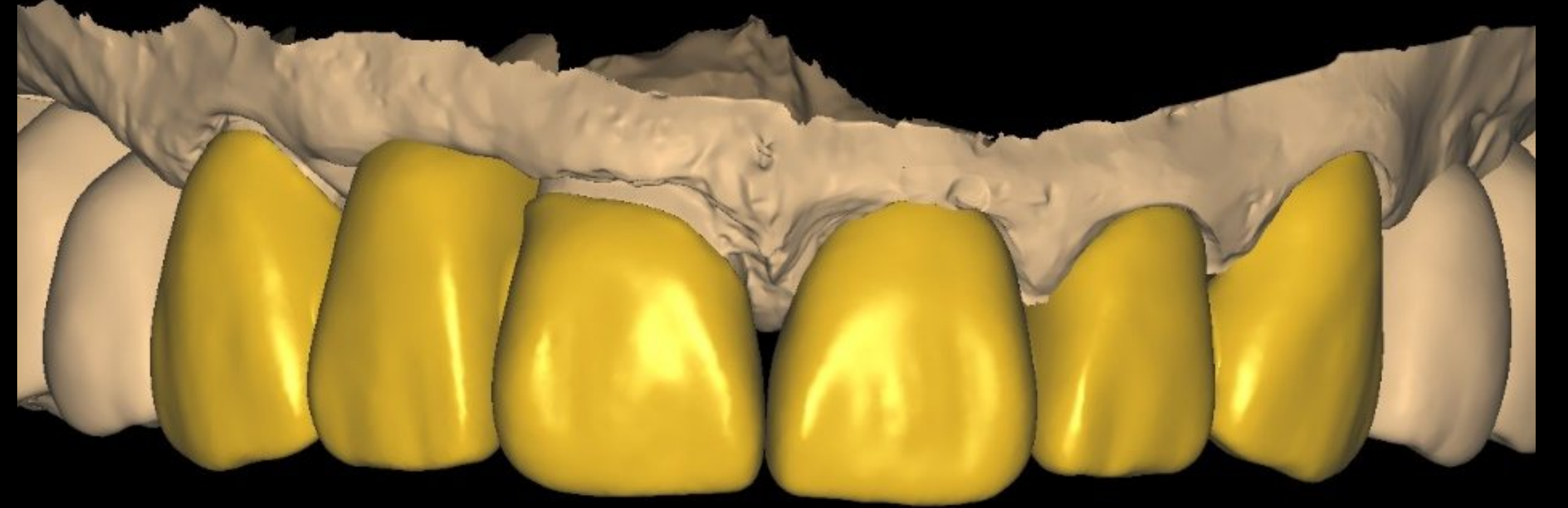
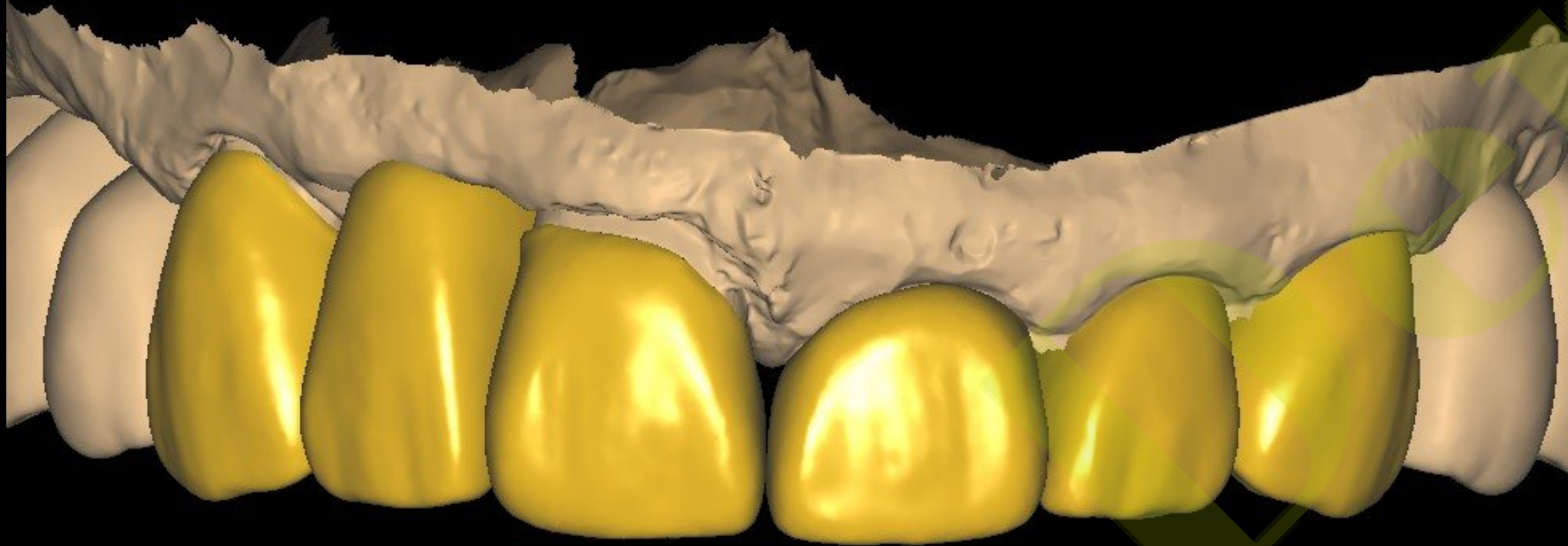
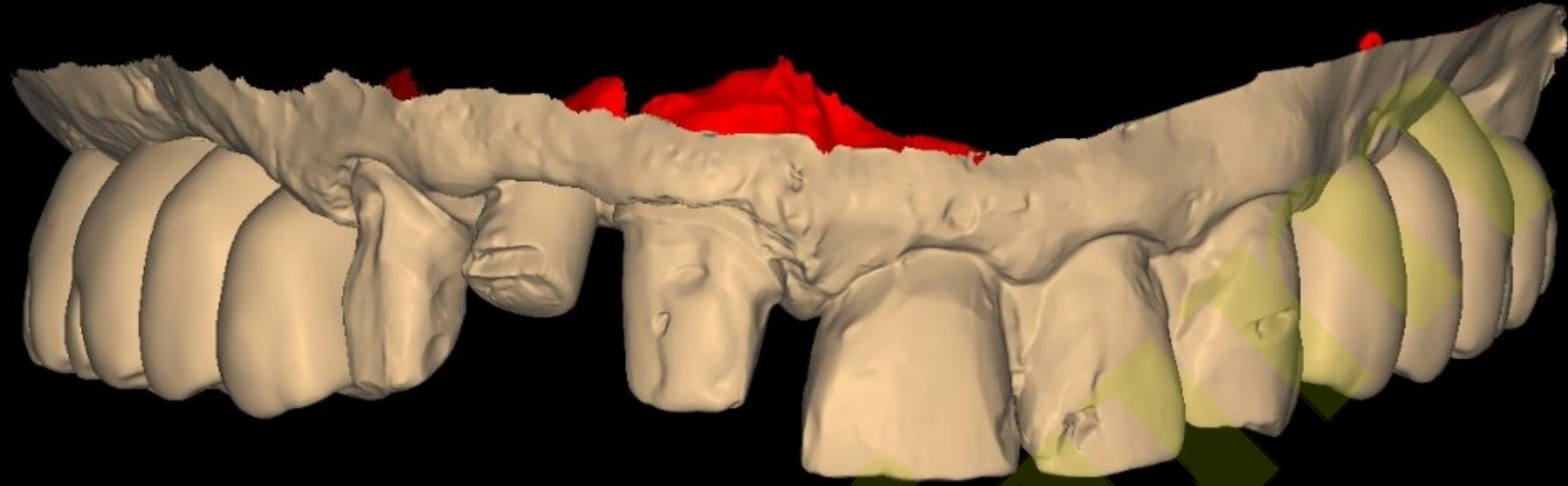
Cad Design



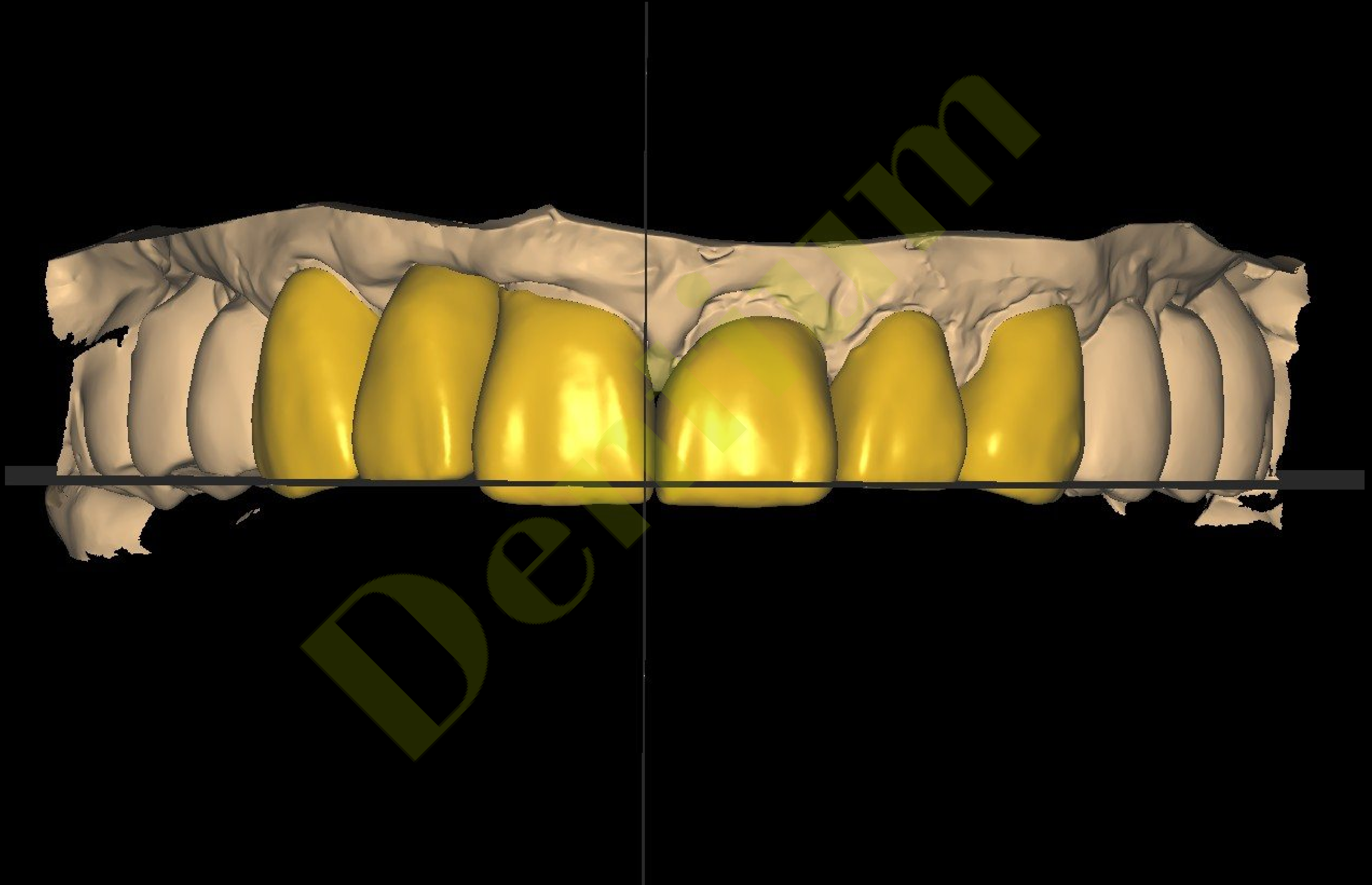
Cad Design



Cad Design



Cad Design



Shade taking







Final prosthesis (2023-11-16)





Final prosthesis #10+40 (2023-11-16)



Final prosthesis #20+30 (2023-11-16)



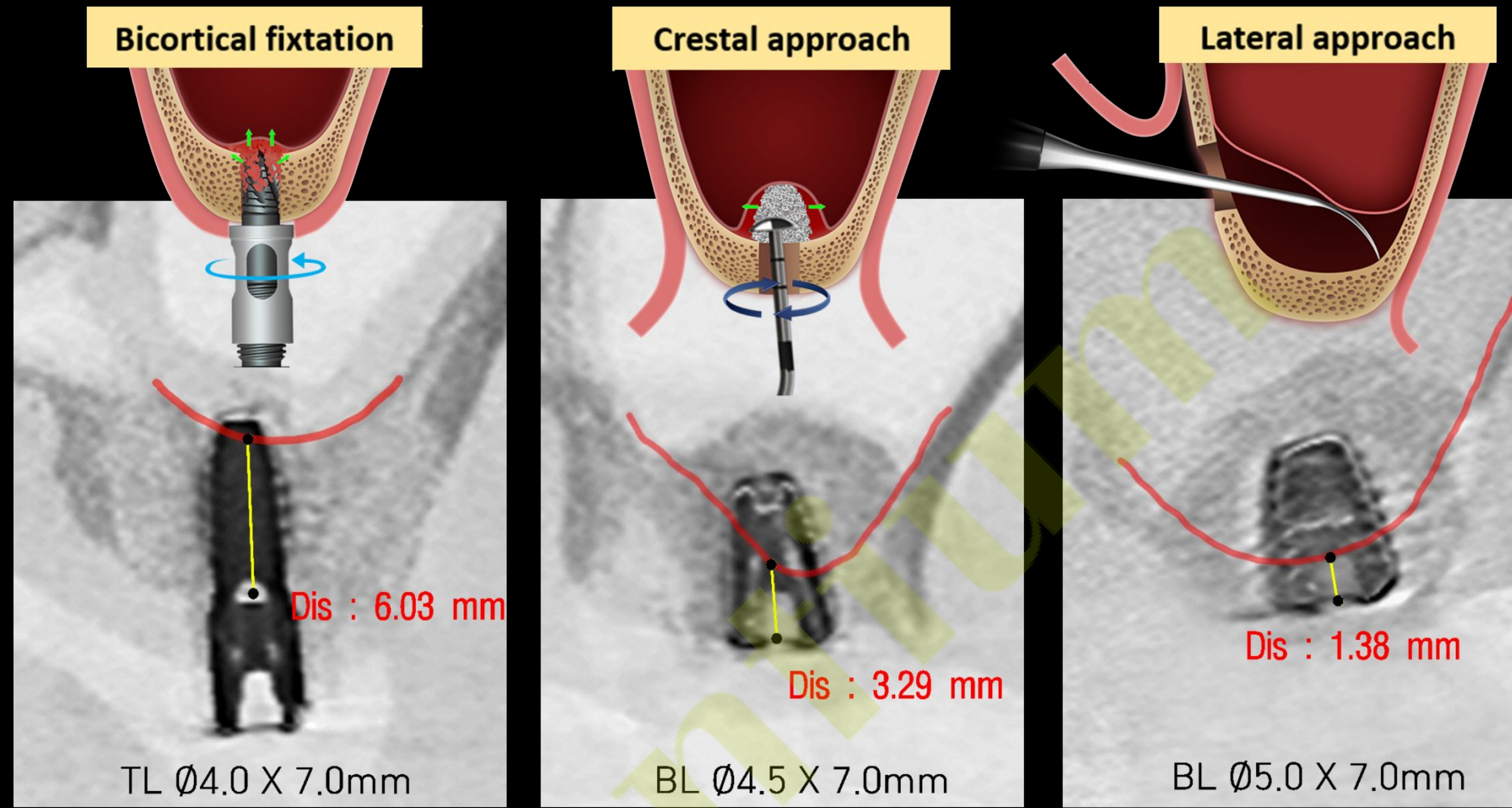
Final prosthesis (2023-11-16)



have a plan to whiten one's teeth

Final prosthesis (2023-11-16)





관심에 감사합니다

도움을 준 웰치과
삼성동팀에게 감사합니다