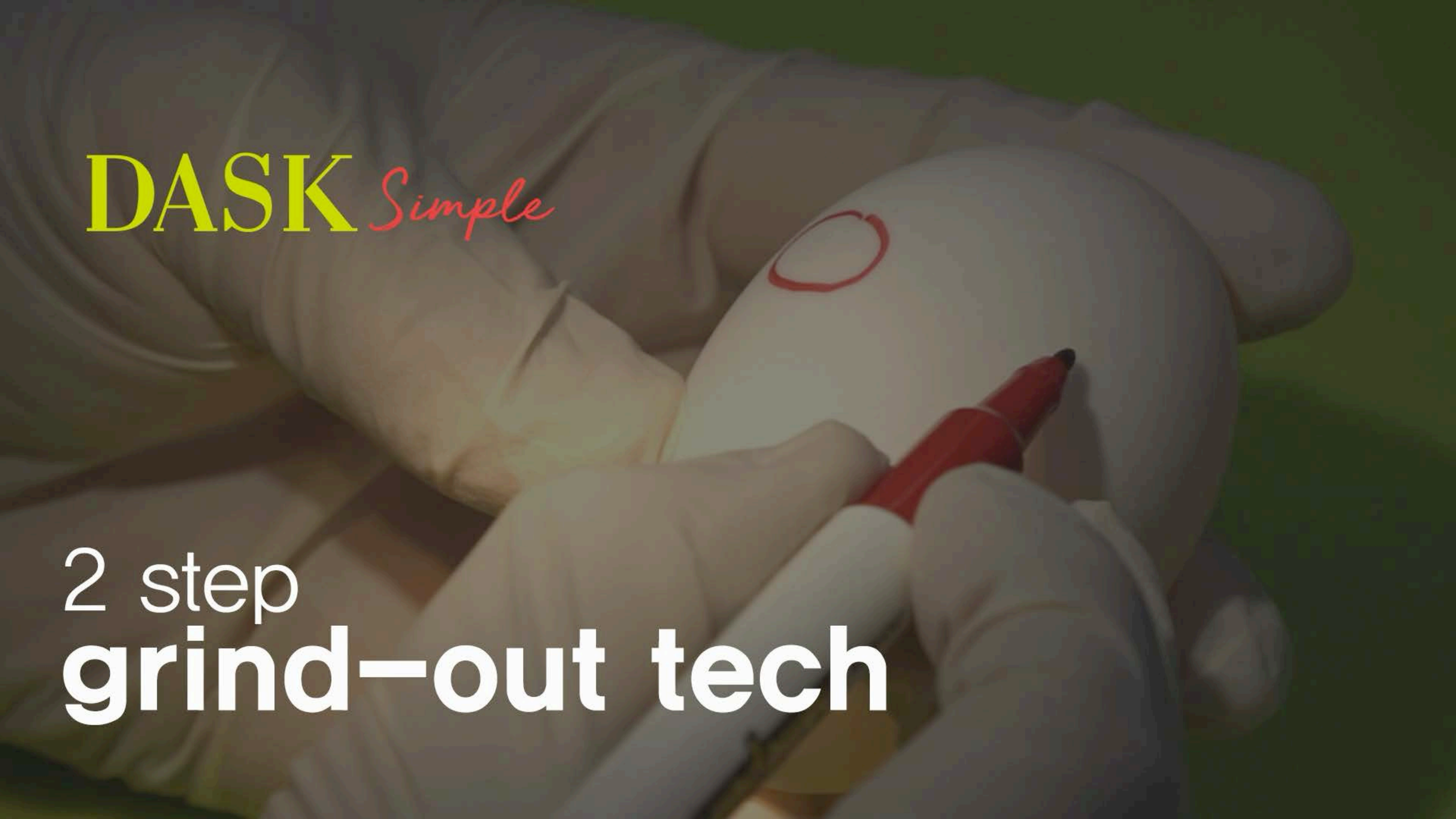
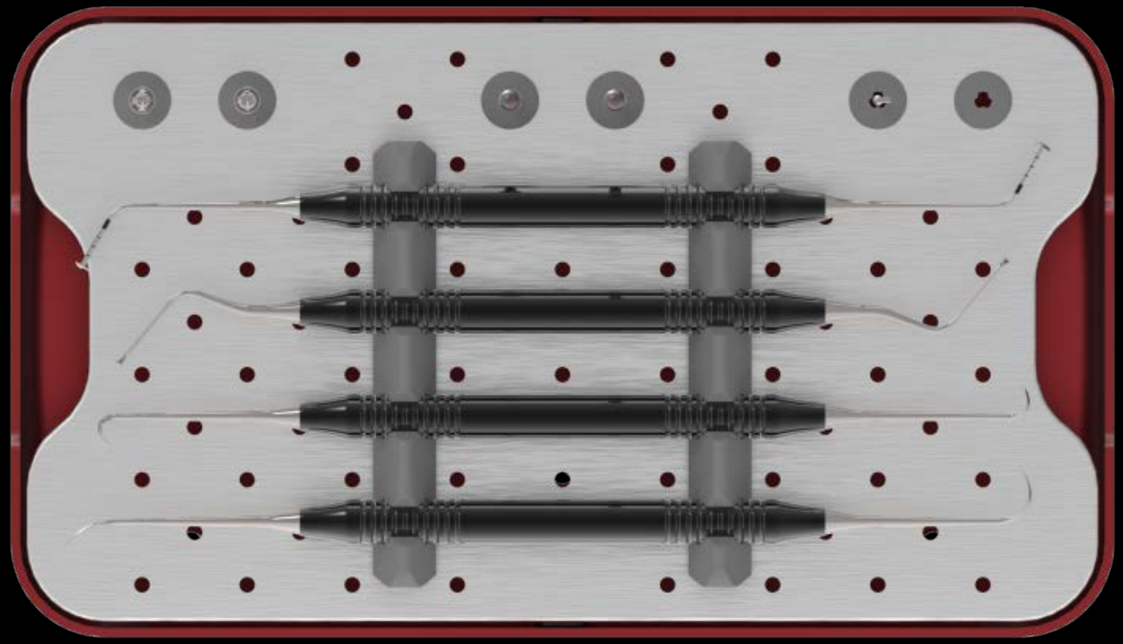
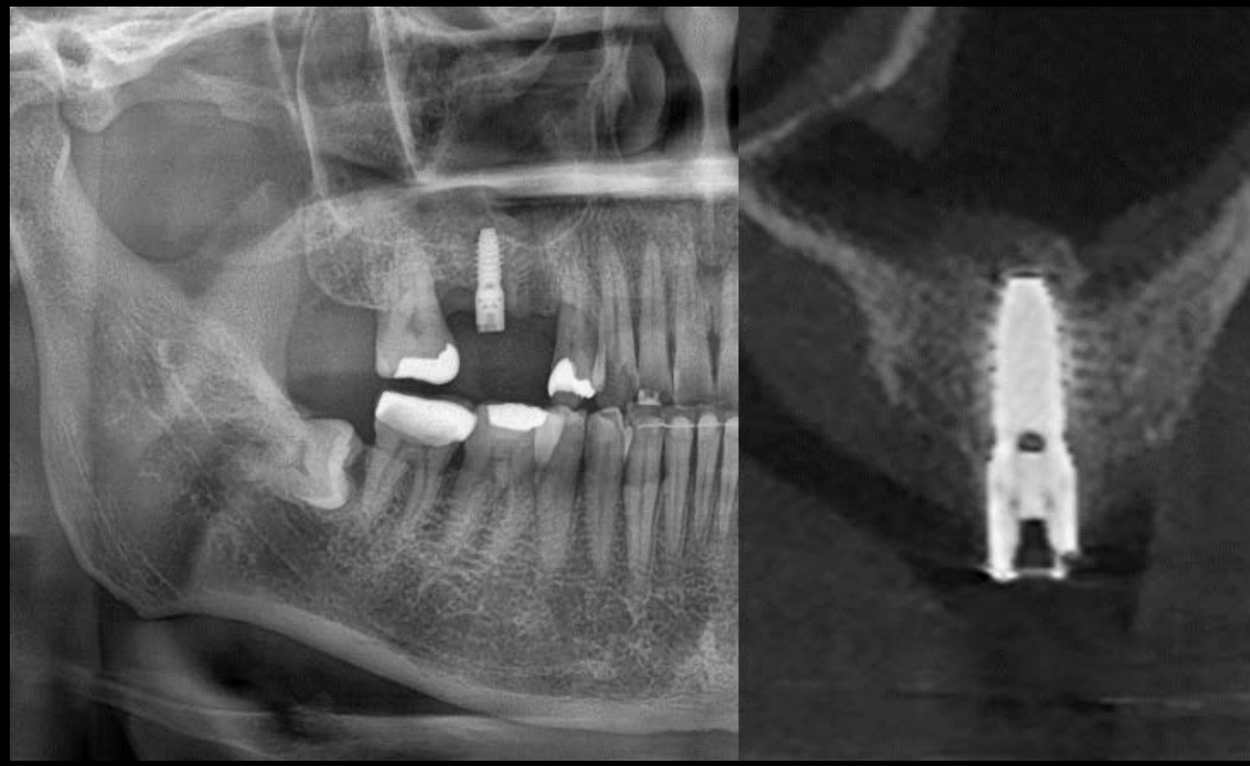

DASK Simple
2 step
grind-out tech

Minimalism in Sinus



DASK Simple

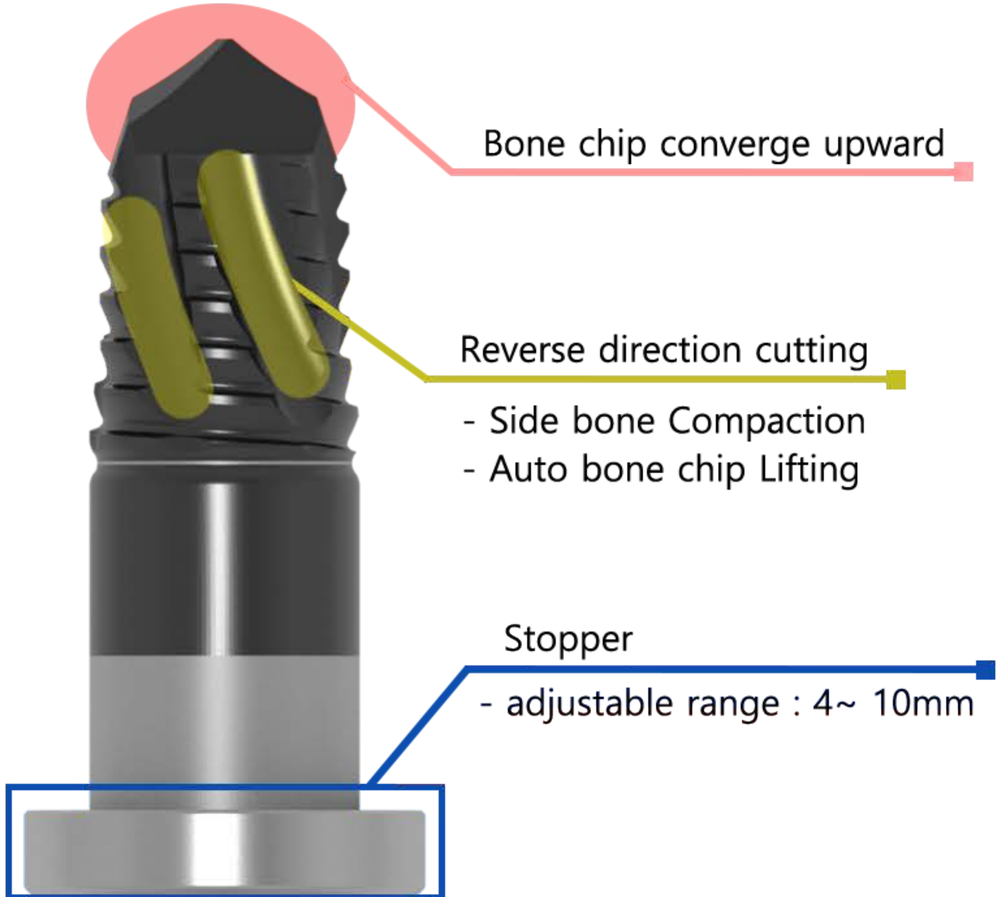


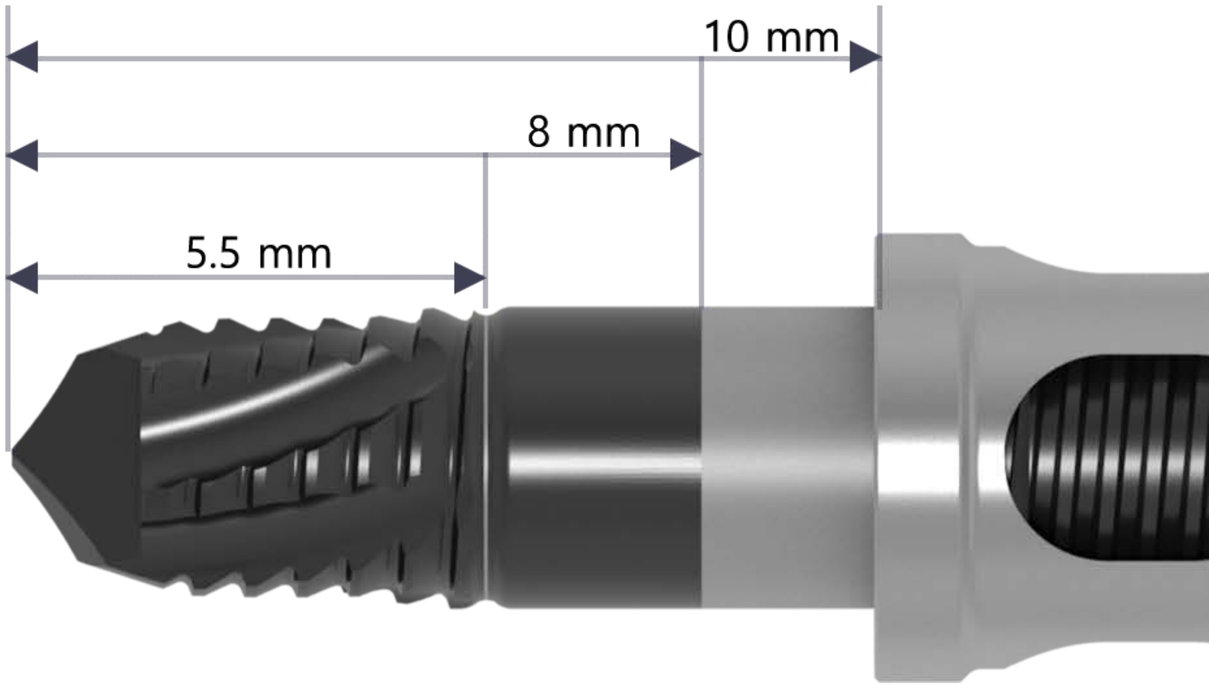
Crestal Drill

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



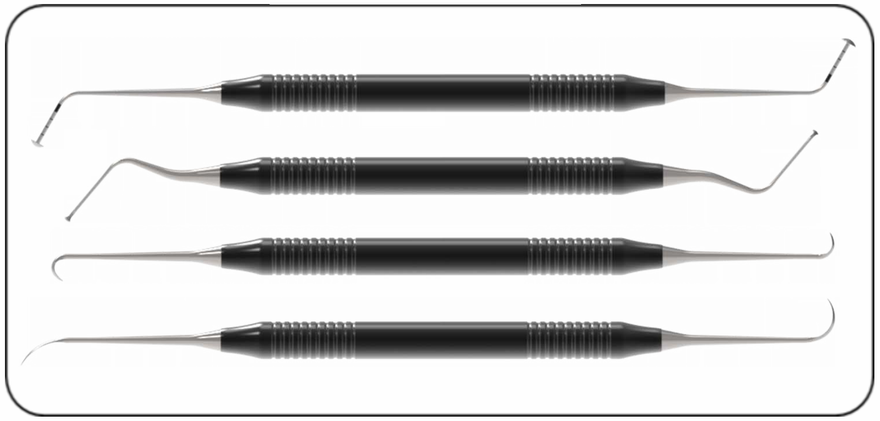


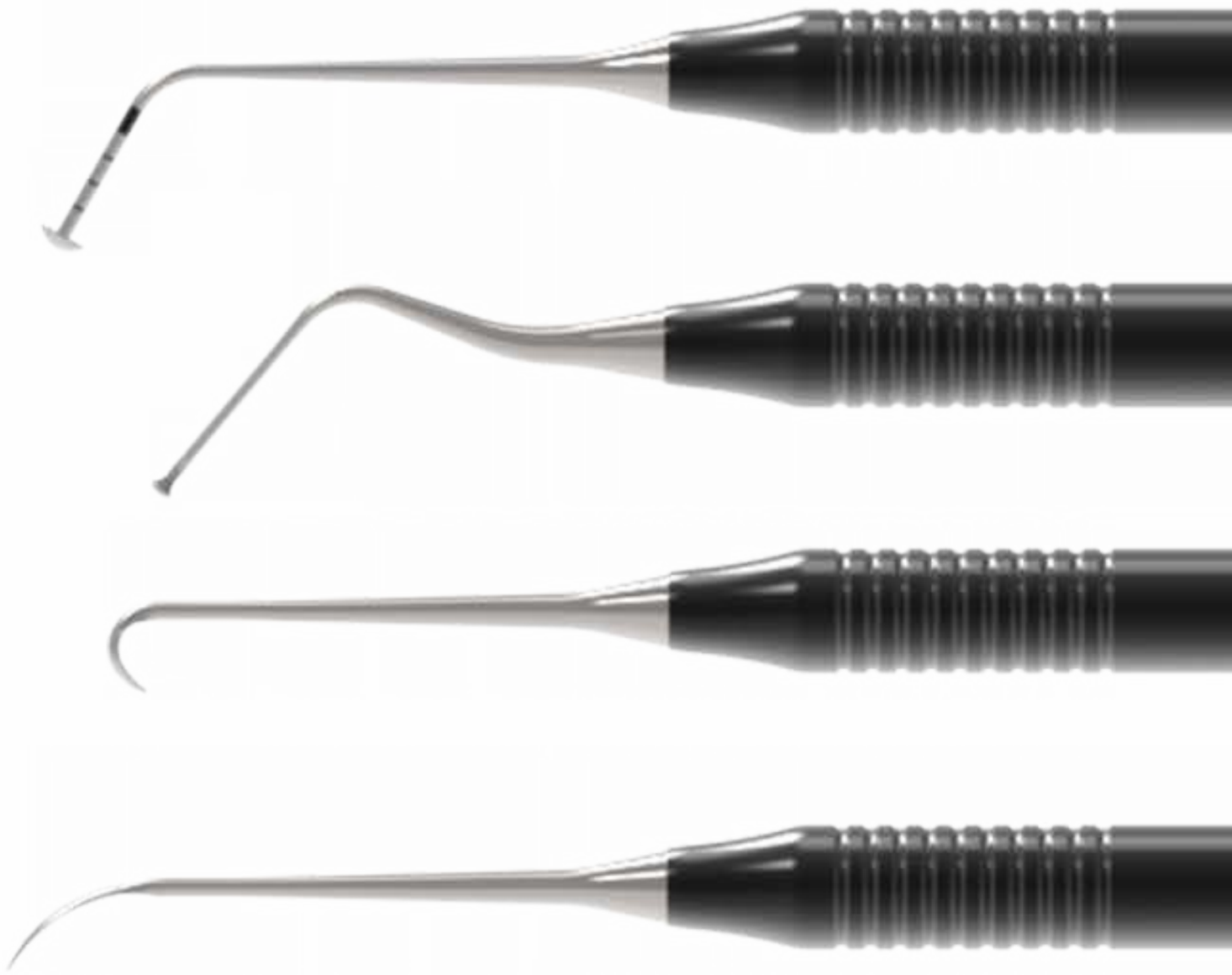




Art. No.
SSE1L
SSE2L
SSE3L
SSE4L

Sinus Instrument





Crestal Drill

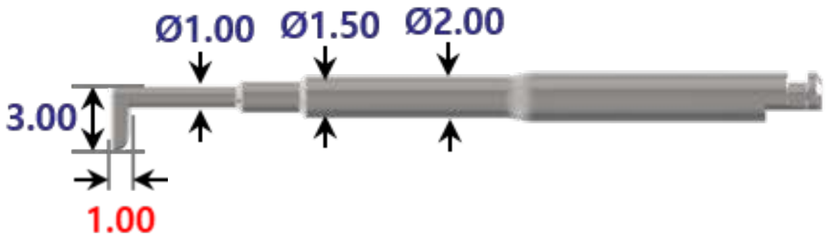
Diameter	L	Art. No.
Ø3.00	35.0	SRT3035AS
Ø3.50	35.0	SRT3535AS





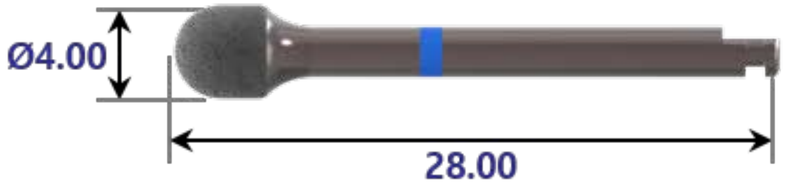
Bone Spreader

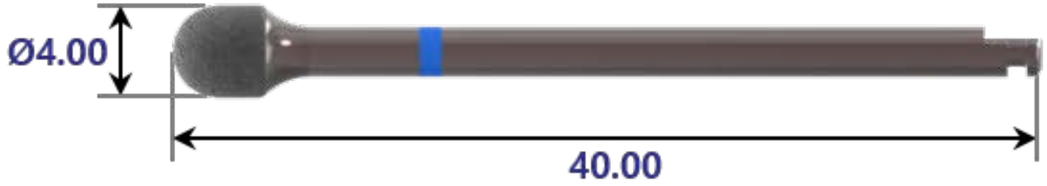
Diameter	L	Art. No.
Ø5.00	33.5	SSP33



Lateral Drill

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





Oral exam



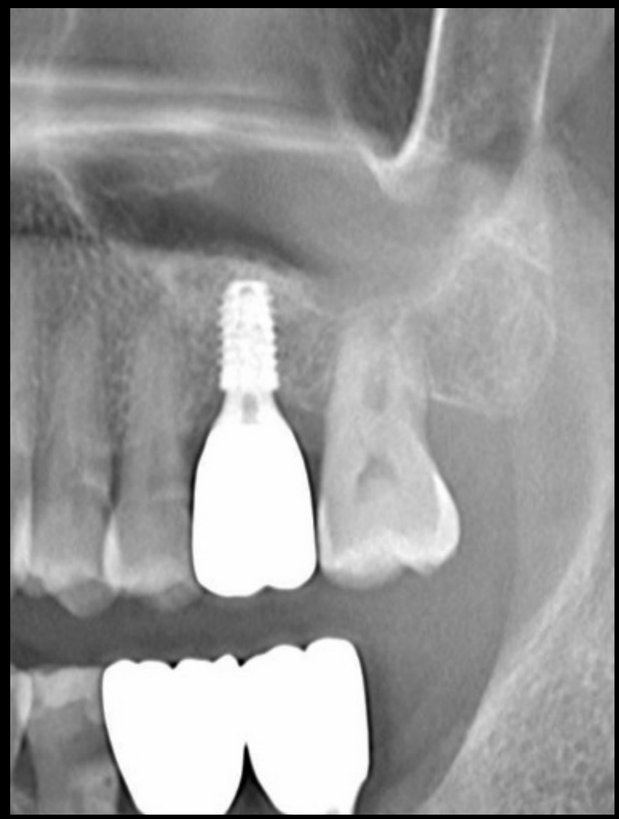
Pre-op



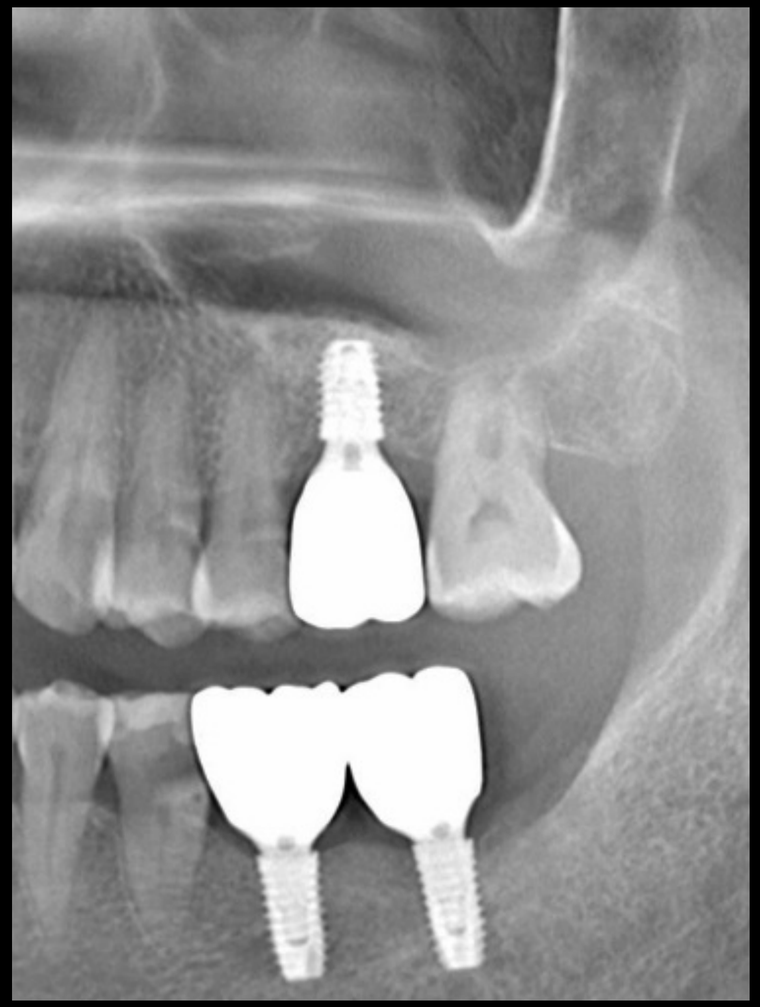
Post-op



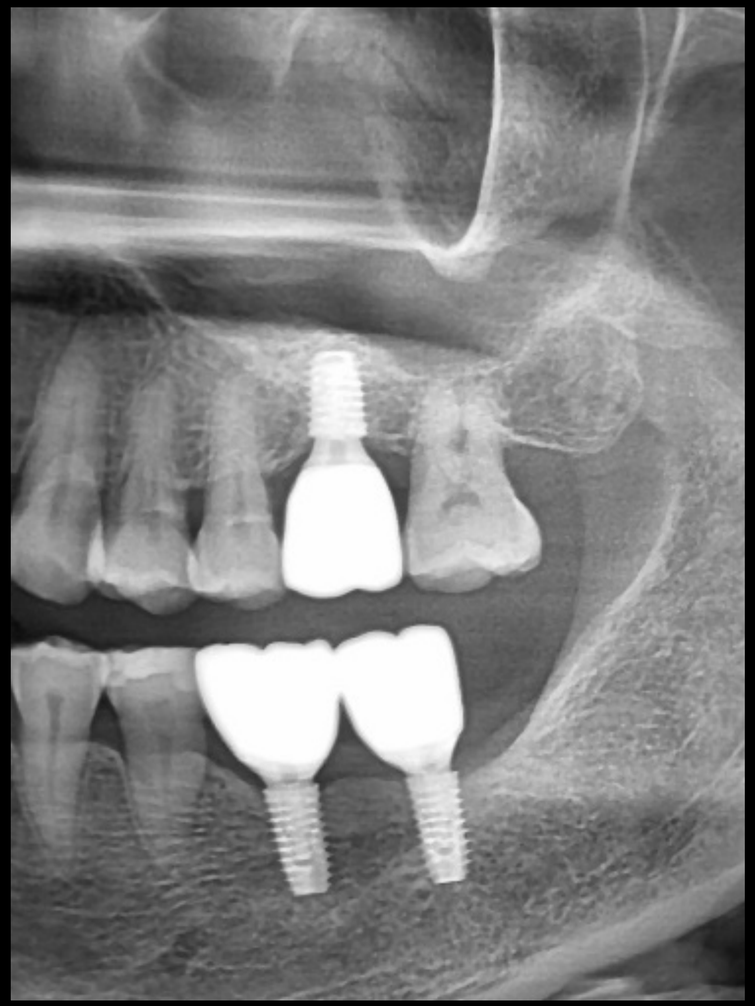
Final



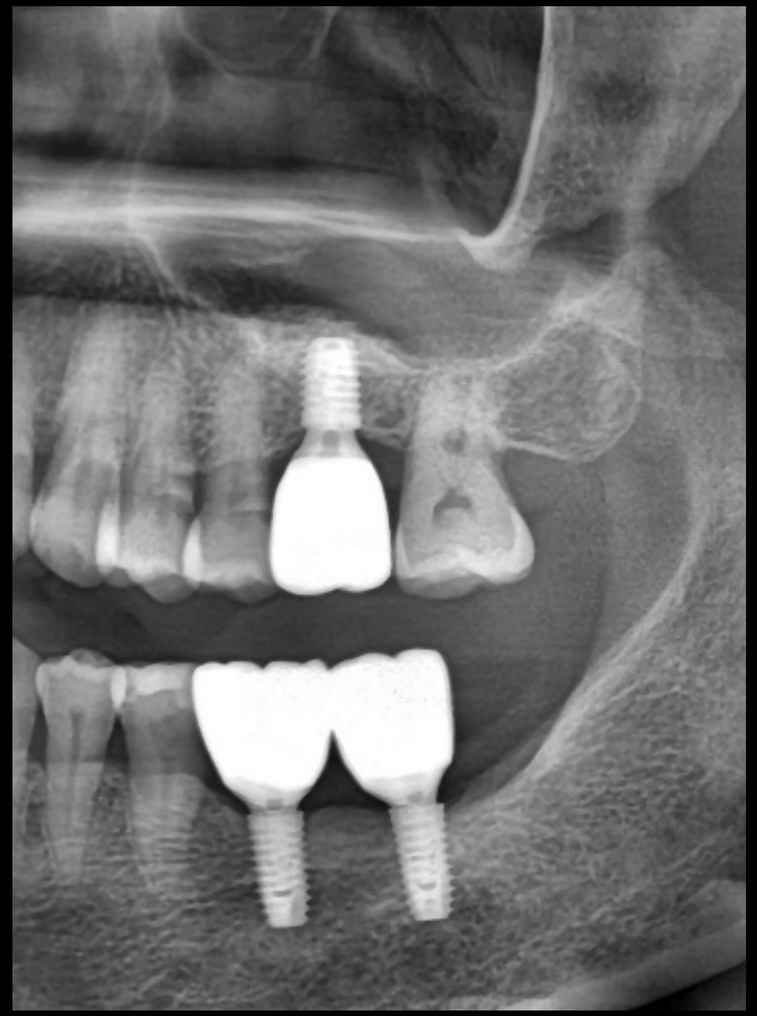
4 M



1Y 4M



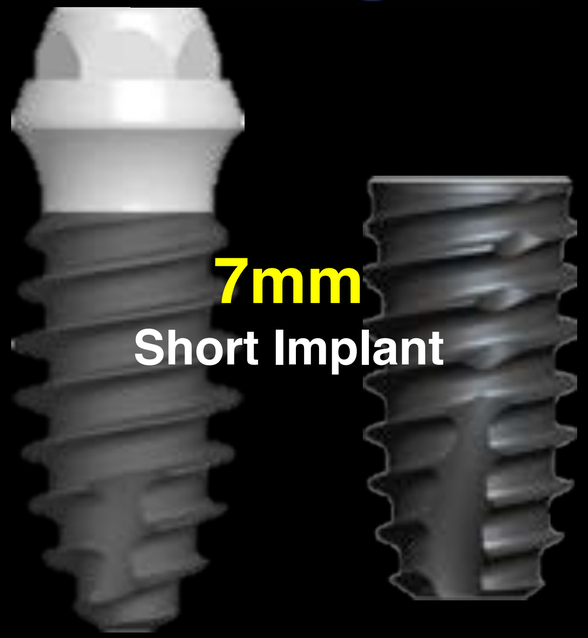
2Y 5M



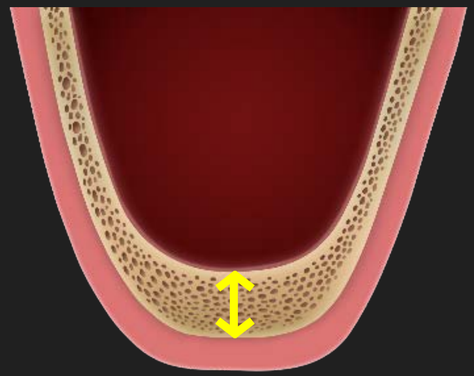
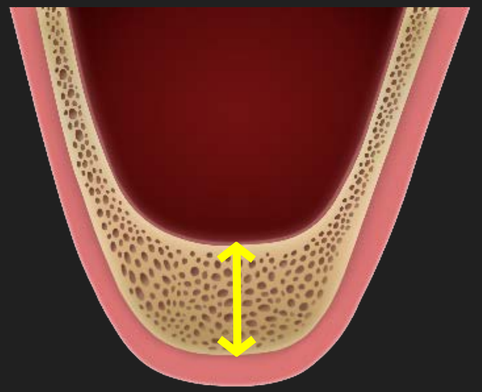
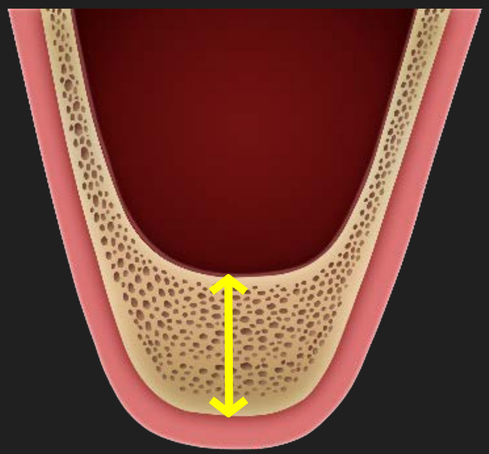
bright BL (Ø4.5 X 7.0)

Sinus Minimalism Concept

bright



Tissue Level Bone Level

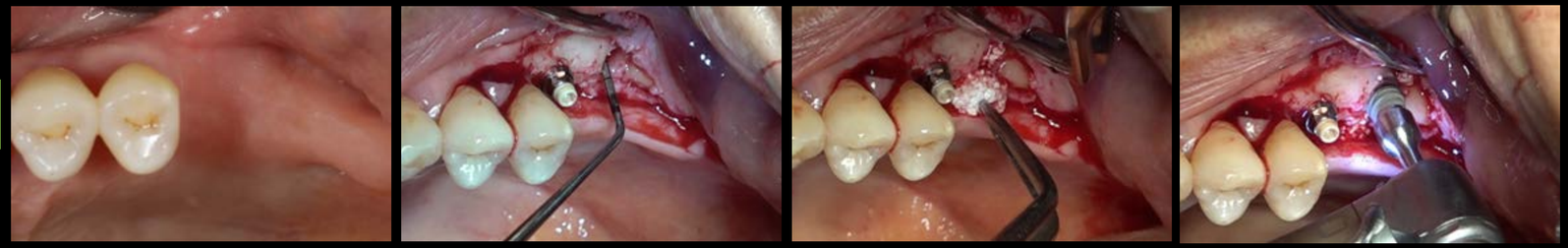
1 – 3 mm	3 – 5 mm	5 mm over
		
Lateral approach	Crestal approach	Bicortical Fixation

OSTEON™ 3 Collagen

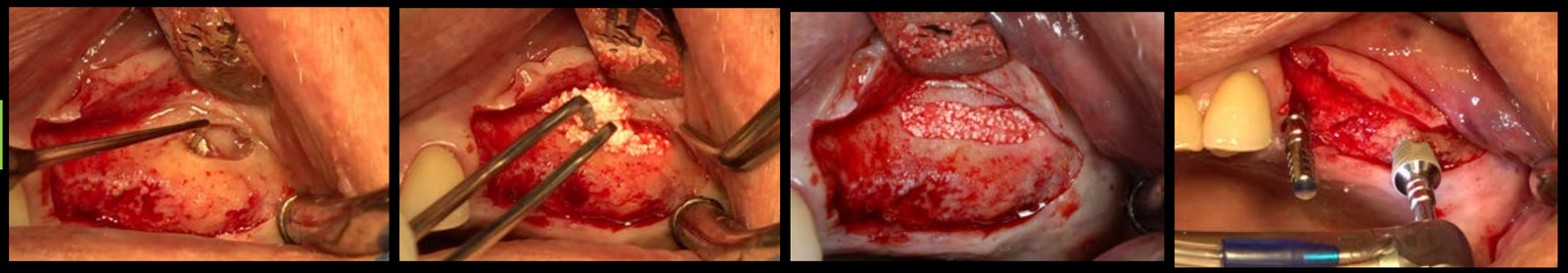


- Moldable to various defect shapes during wetting
- Easy handling to reduce chair time
- Collagen is absorbed within a few weeks after grafting

Case 1



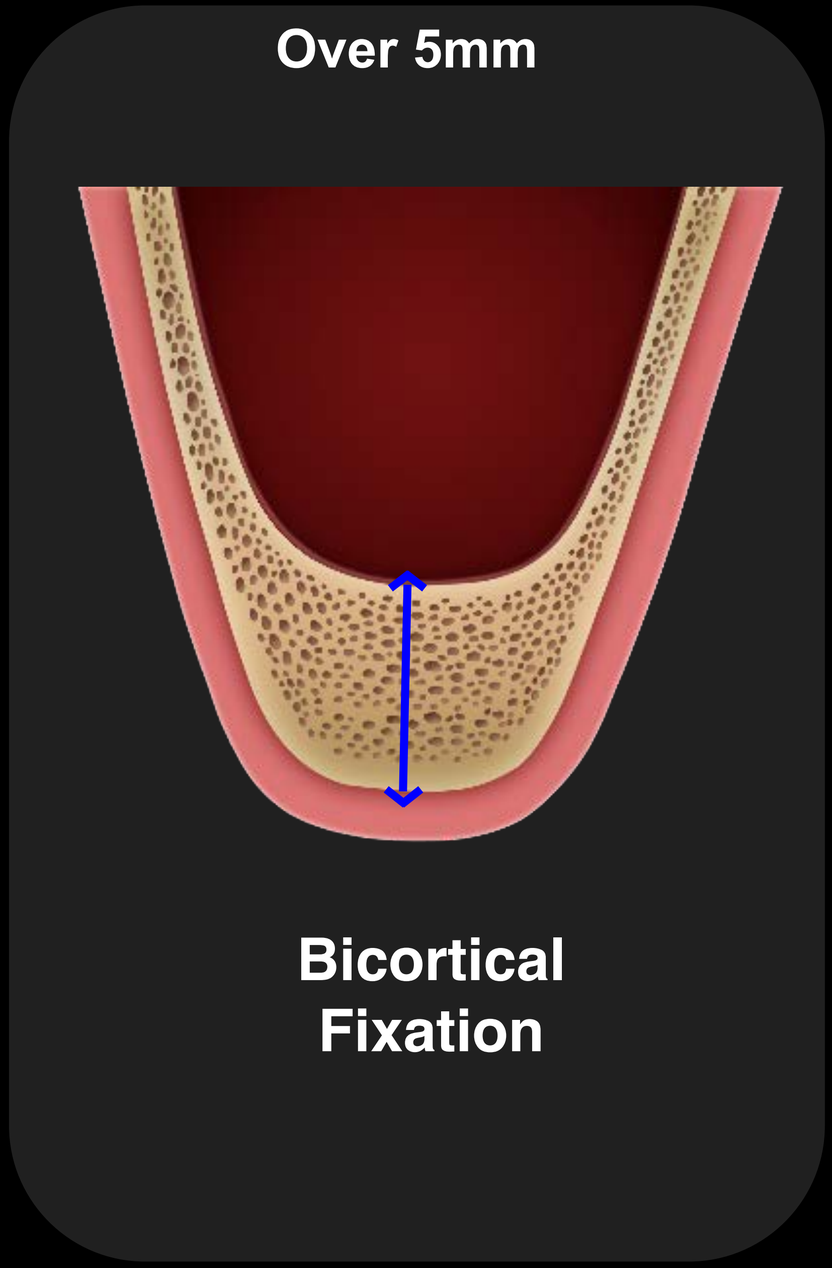
Case 2

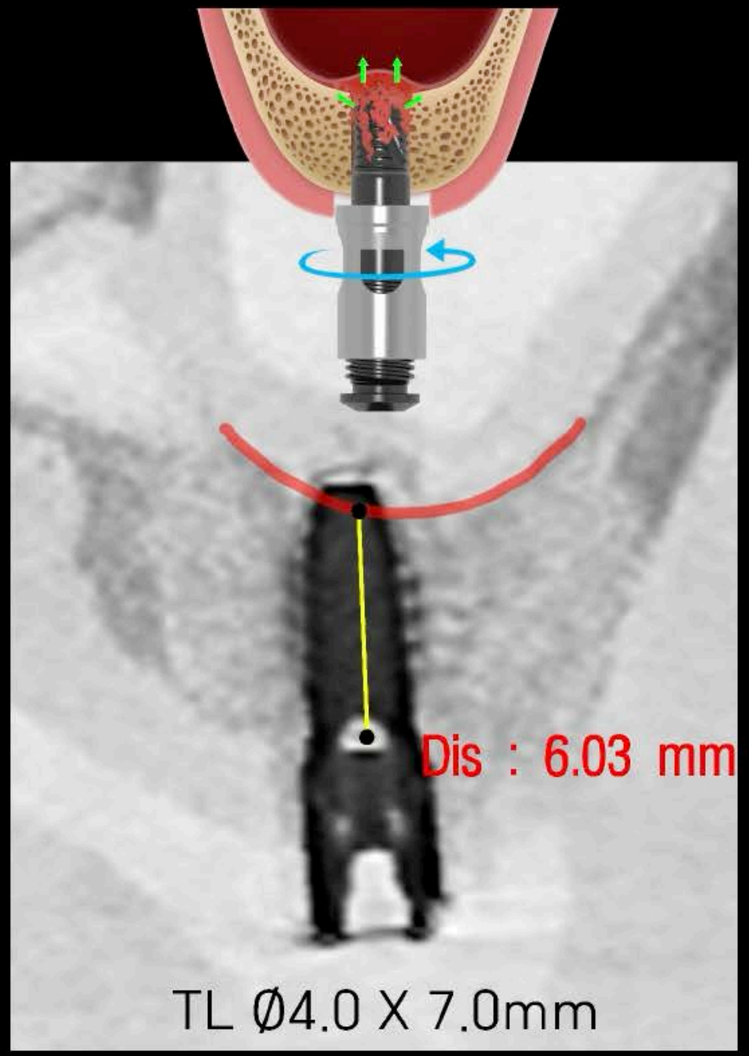


Bicortical fixation with DASK Simple

Part 1. Bicortical Fixation

:Remaining bone 5 mm over

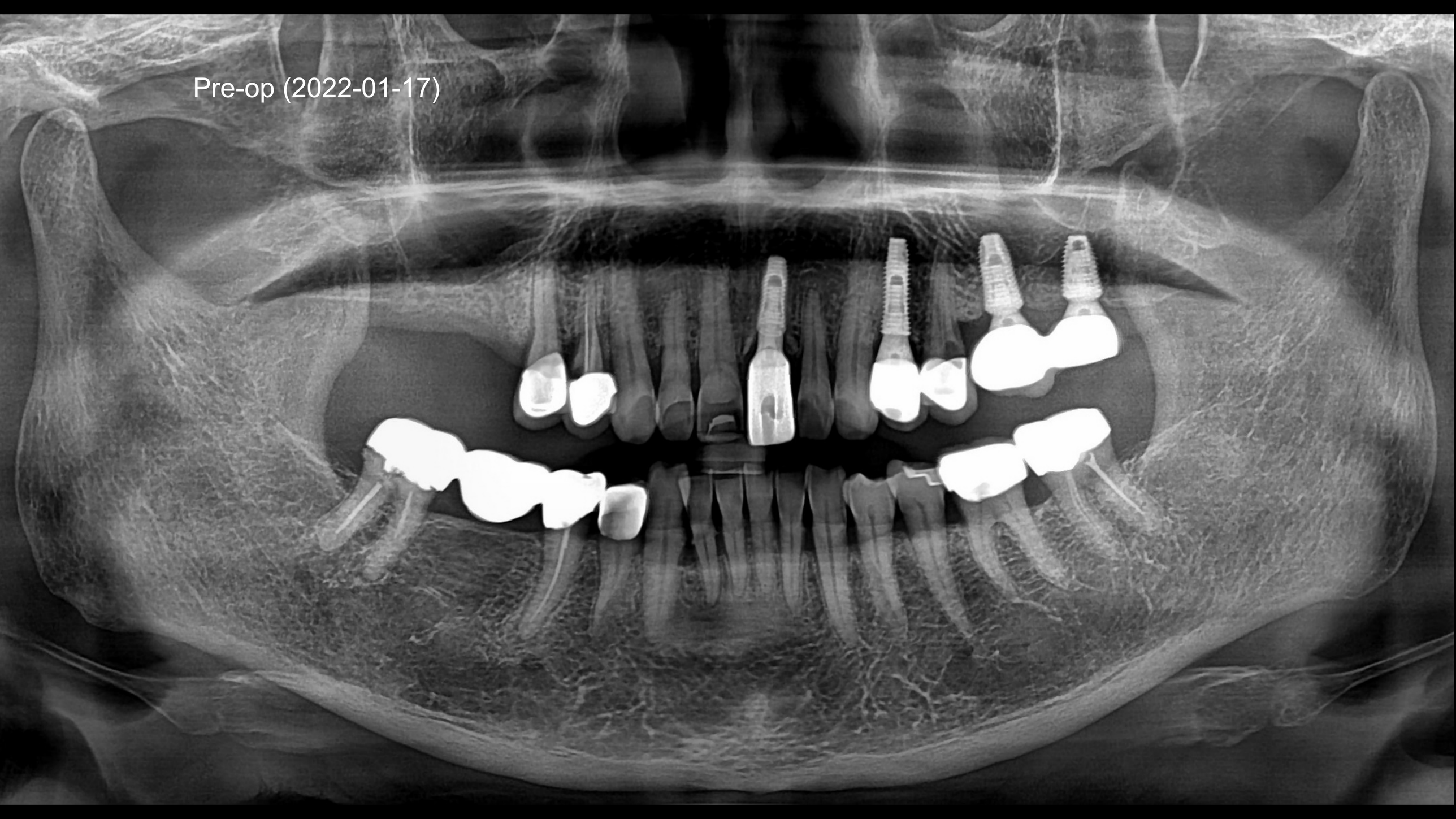


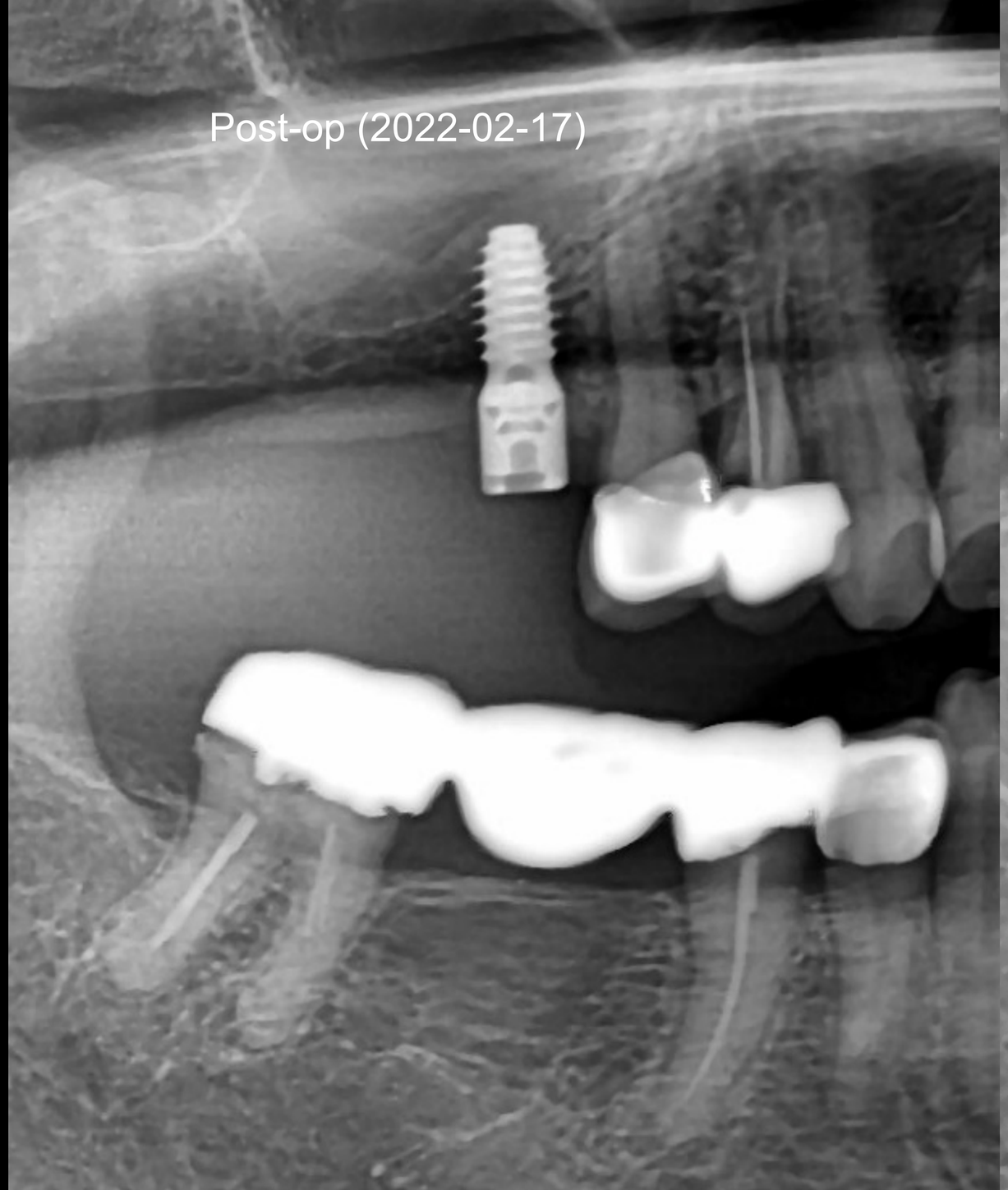


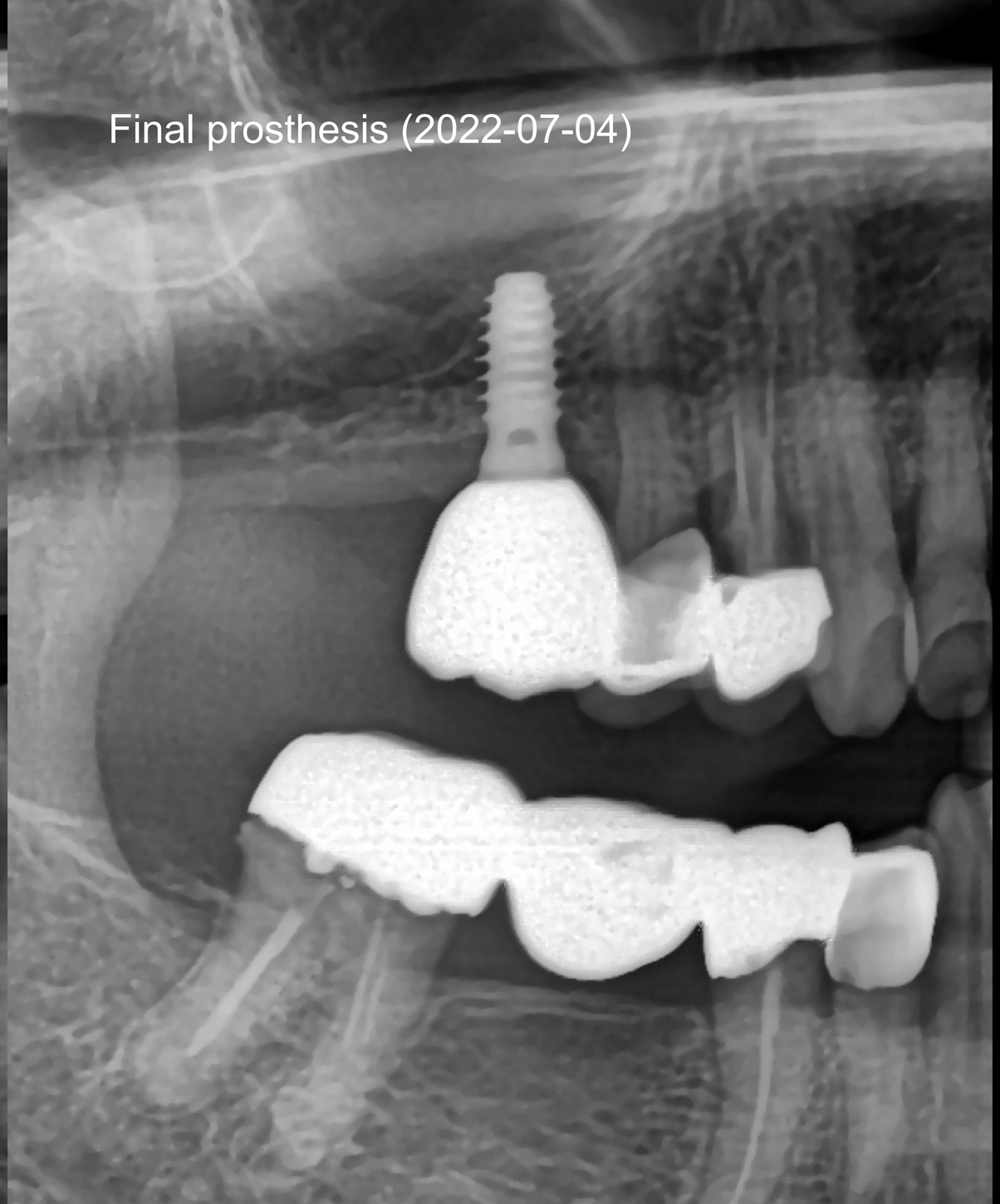
Hands-on guide

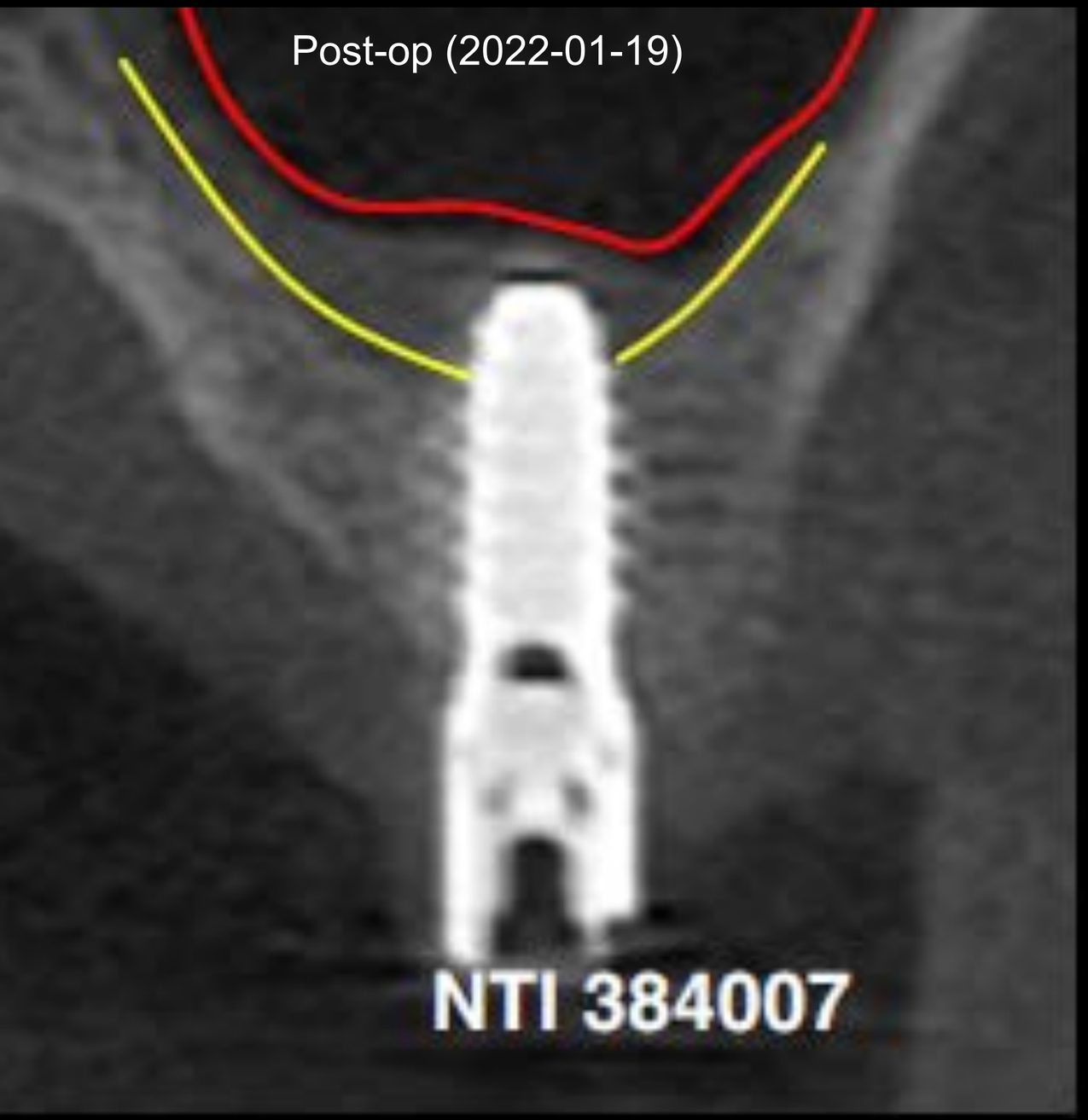
DASK *Simple*

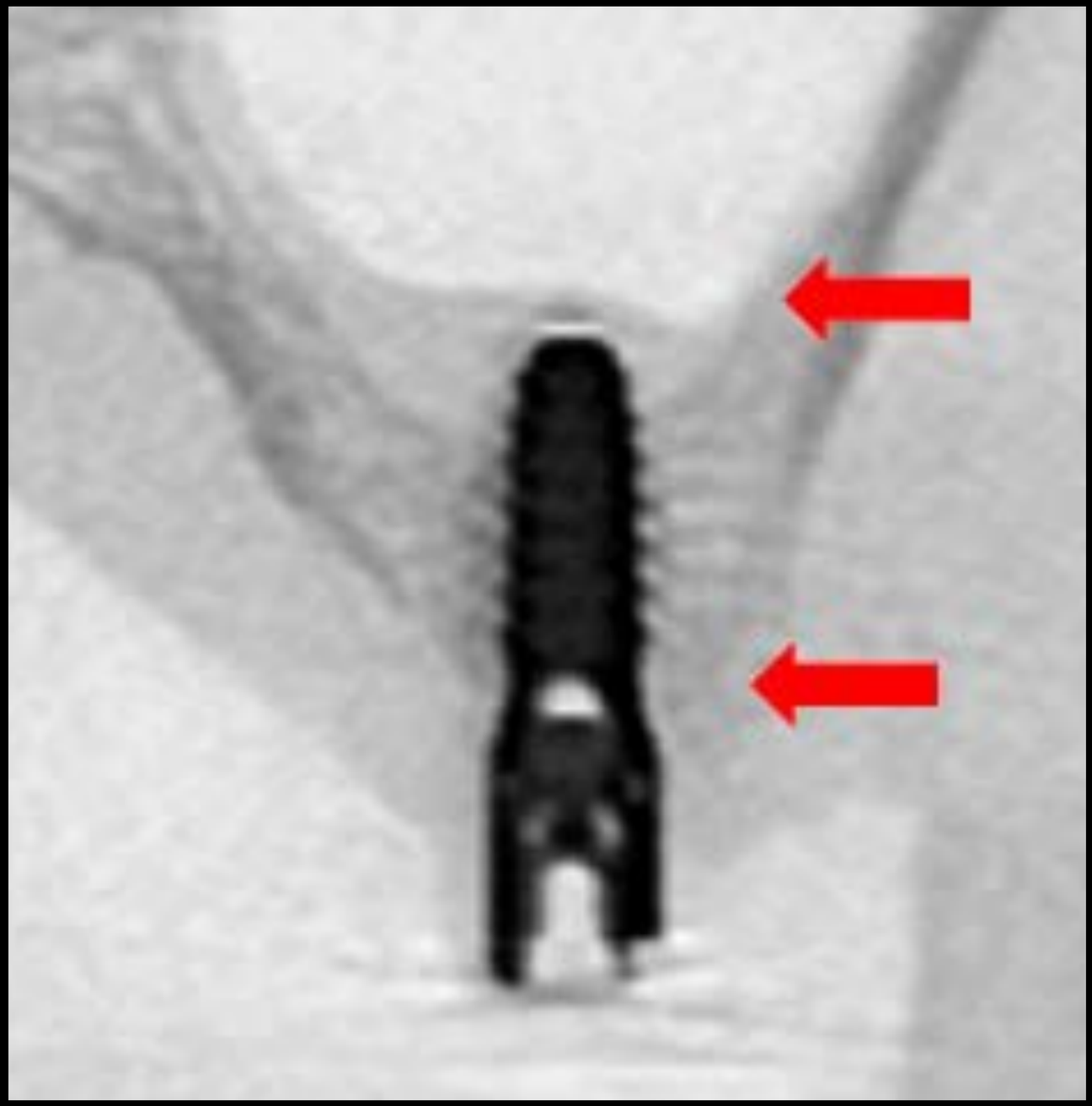
Bicortical fixation


Pre-op (2022-01-17)

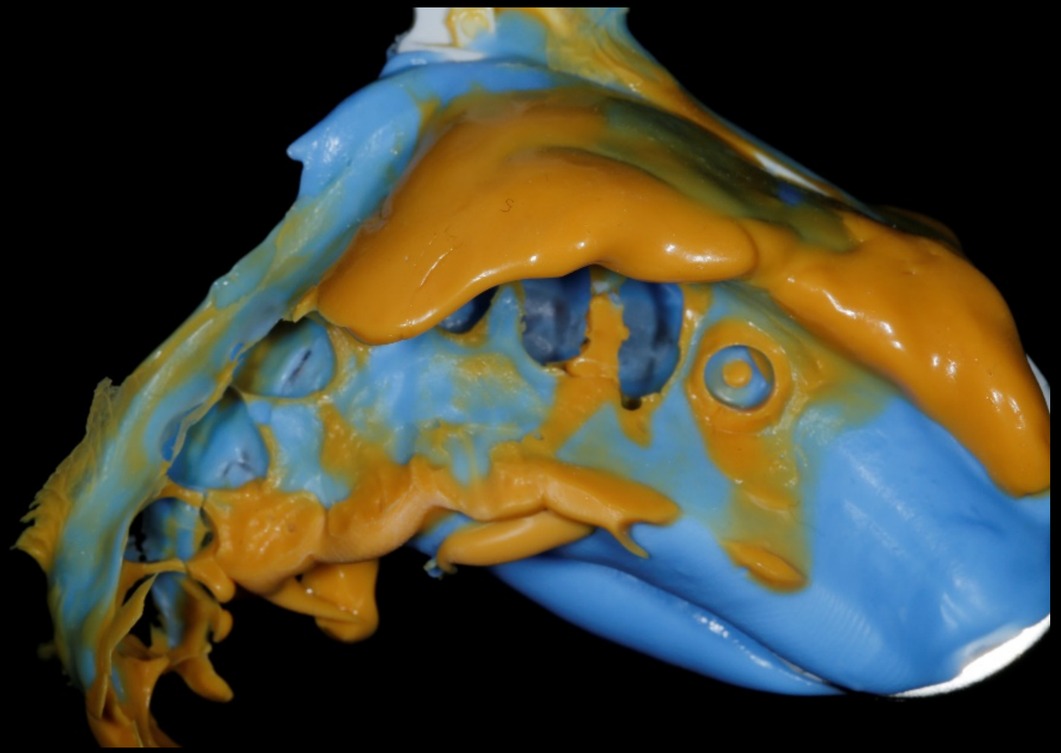

Post-op (2022-02-17)

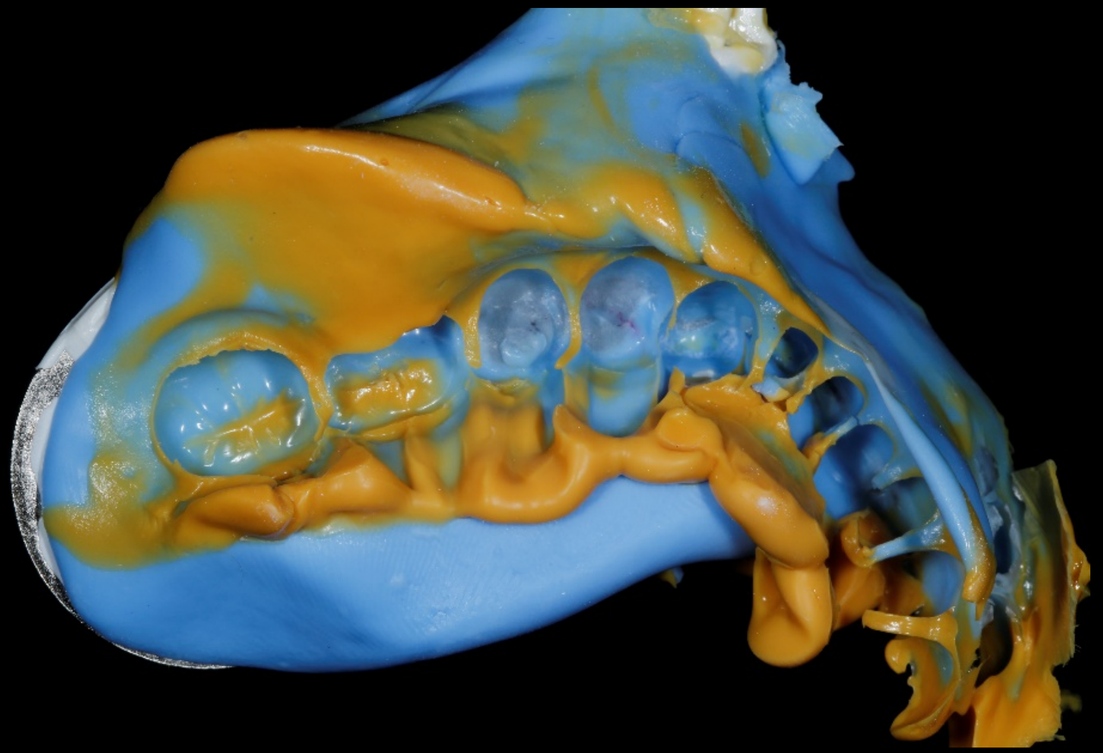

Final prosthesis (2022-07-04)


Post-op (2022-01-19)
NTI 384007

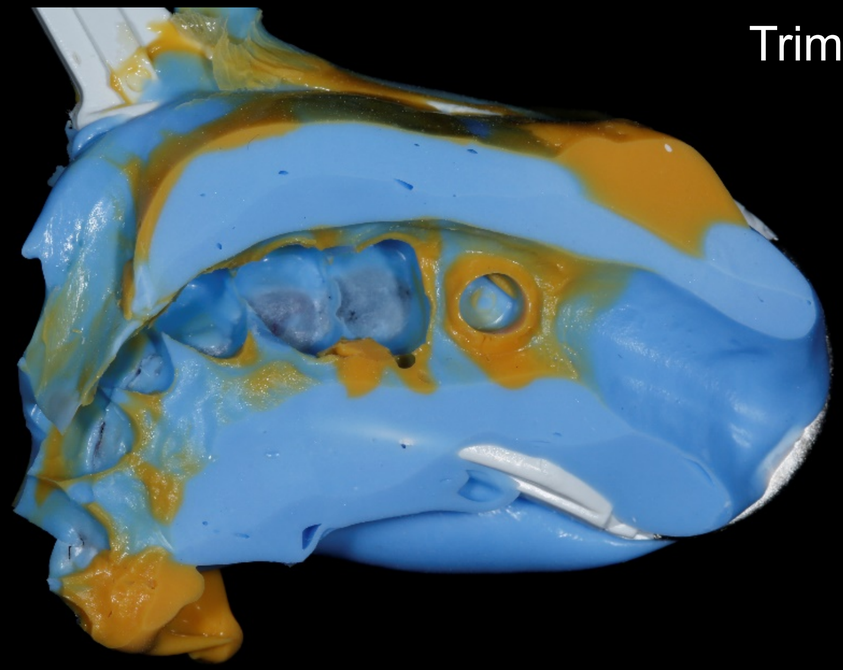


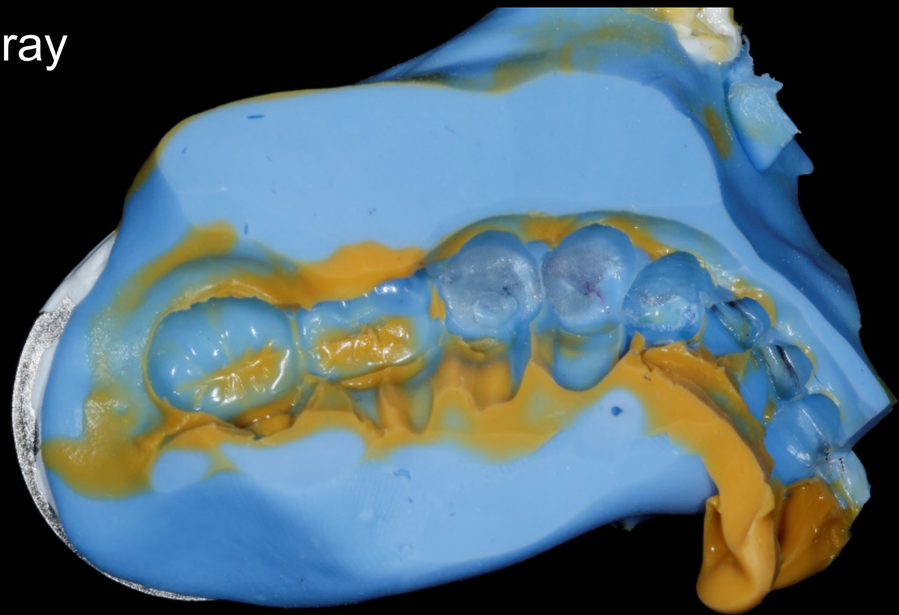
Impression model

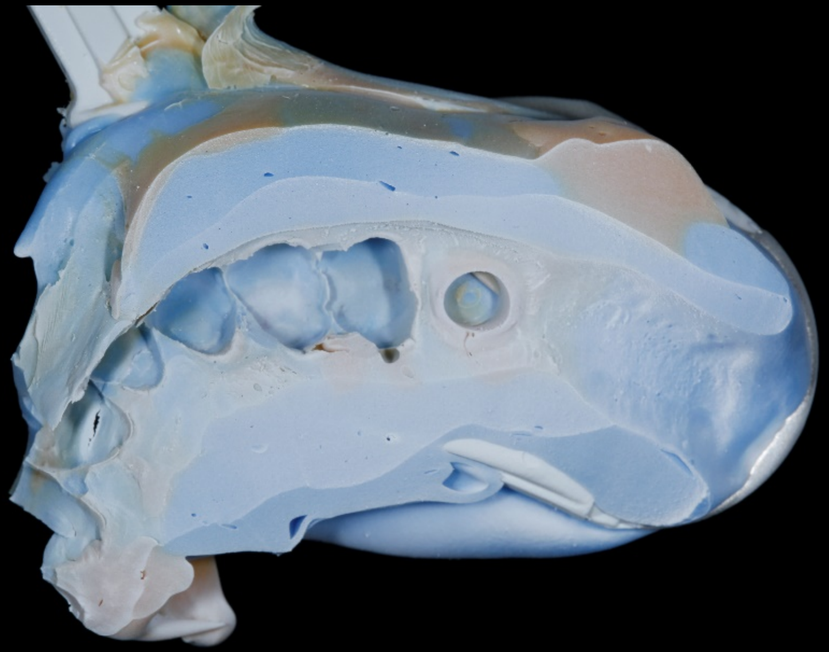


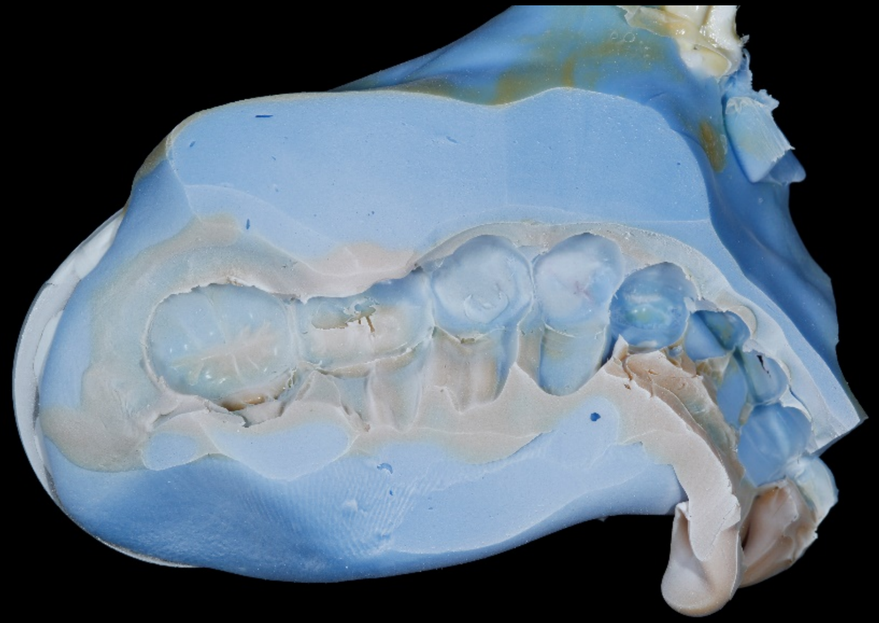


Trimming / Scan spray



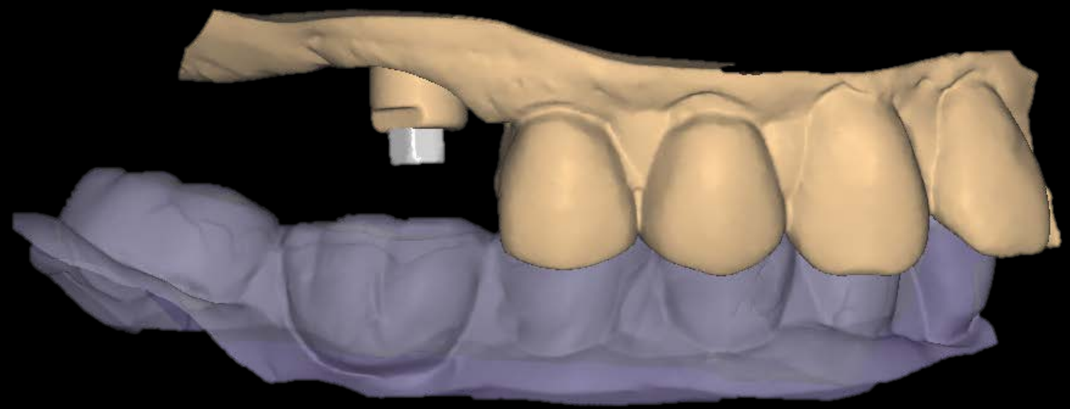




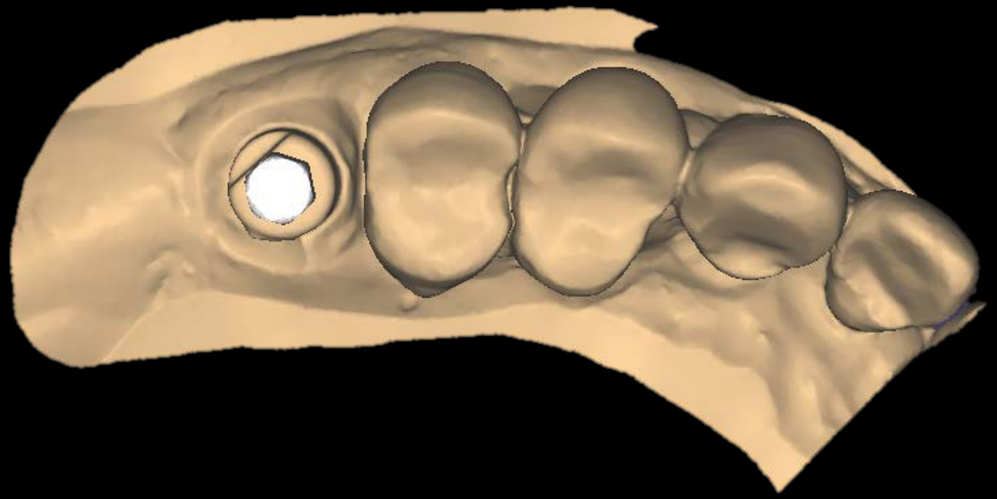


Impression model scan

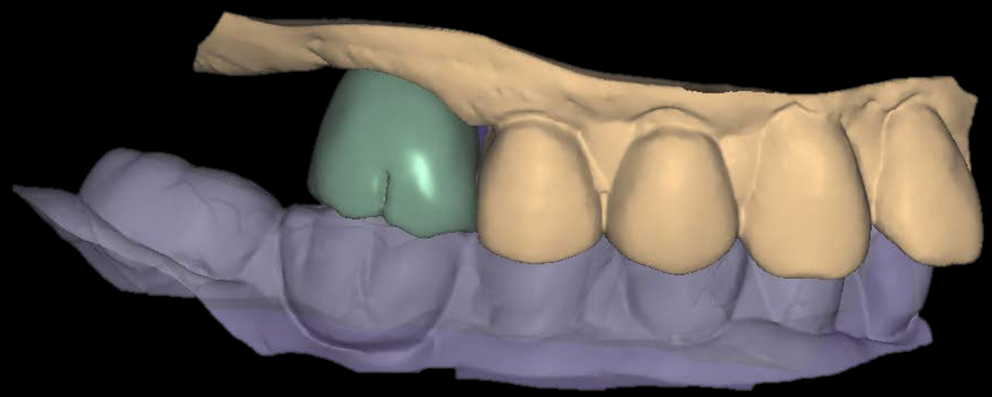




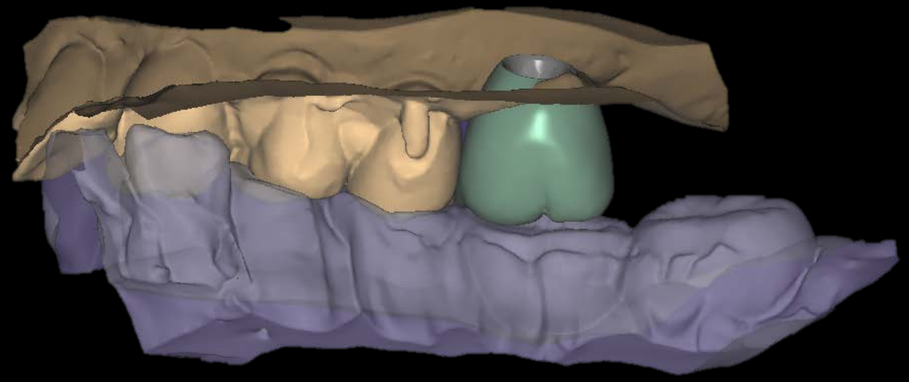


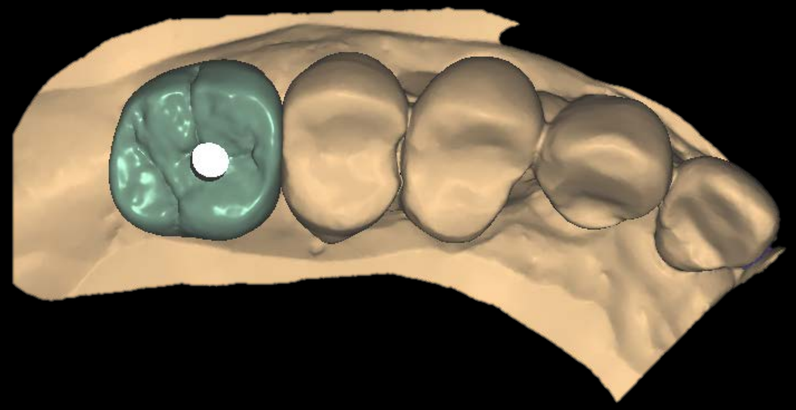


CAD design (Temporary)









Printing model & Provisional crown







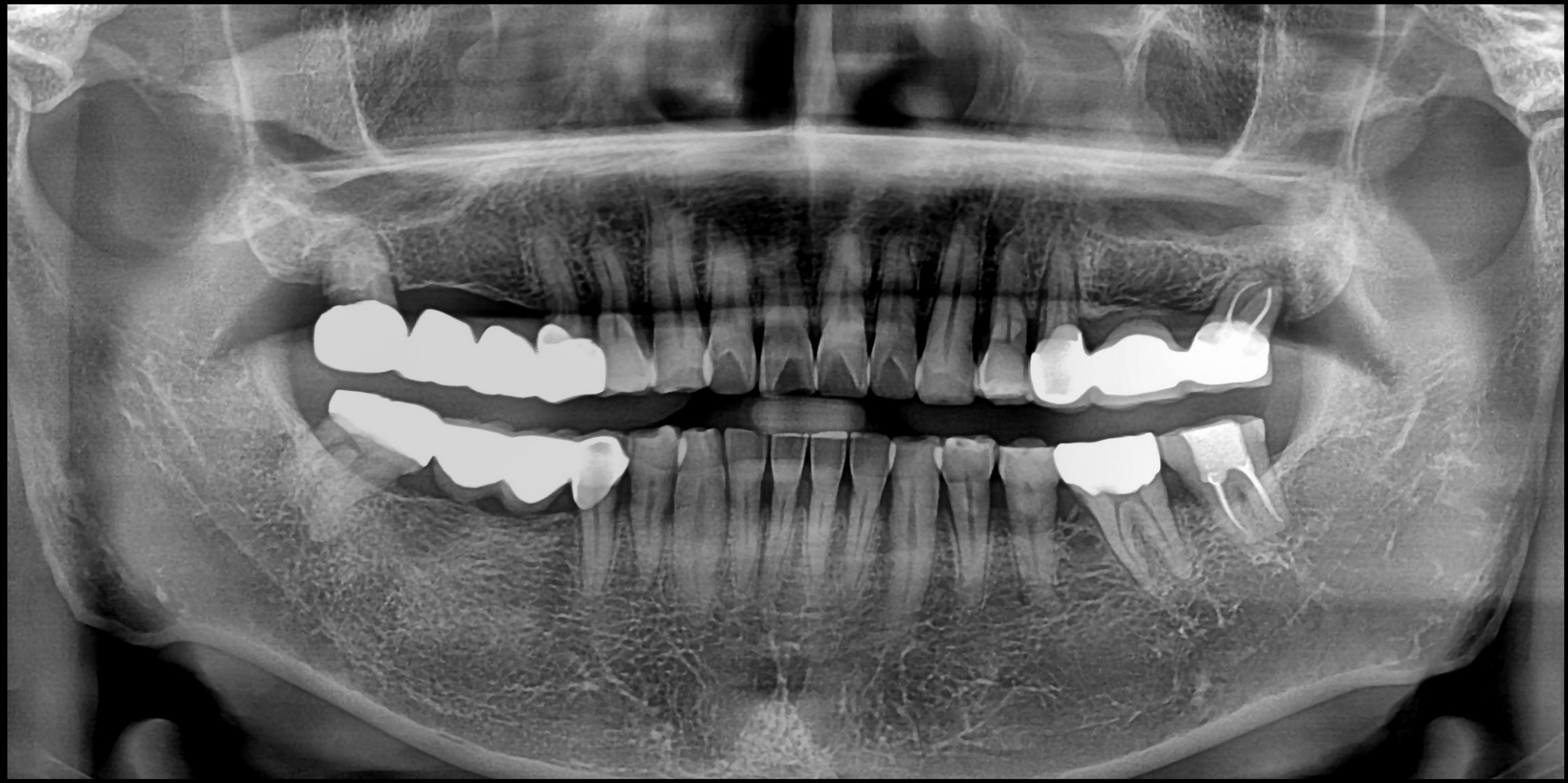



Provisional restoration (2022-05-19)





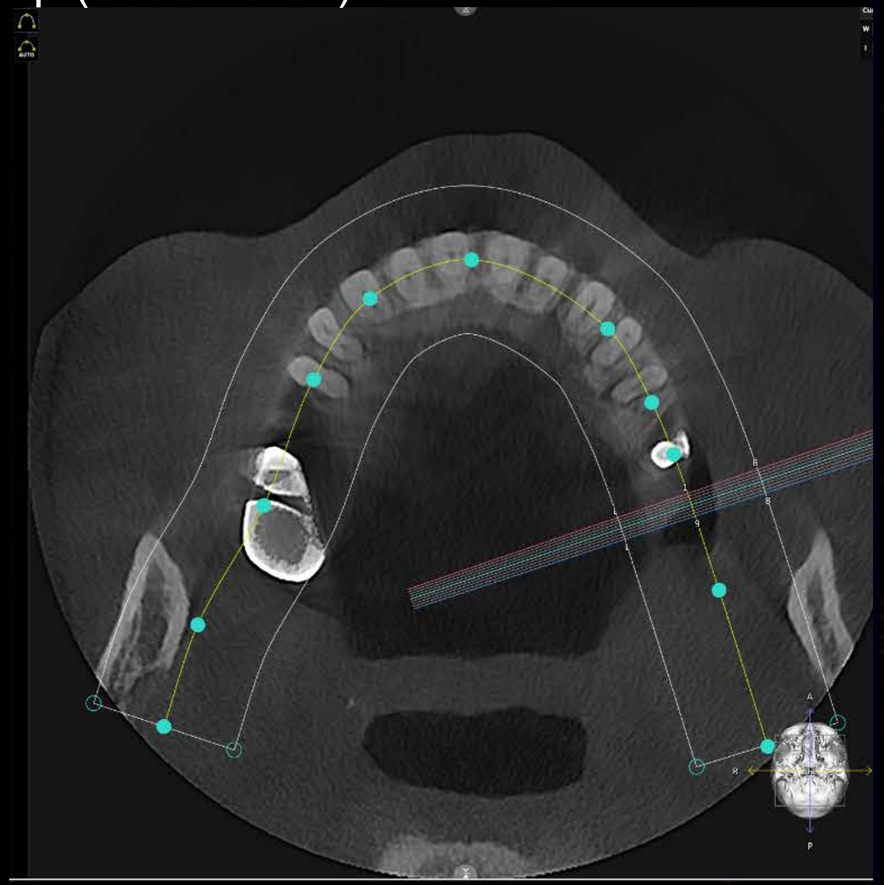
Oral exam (2022-04-05)



Pre-op (2022-07-27)



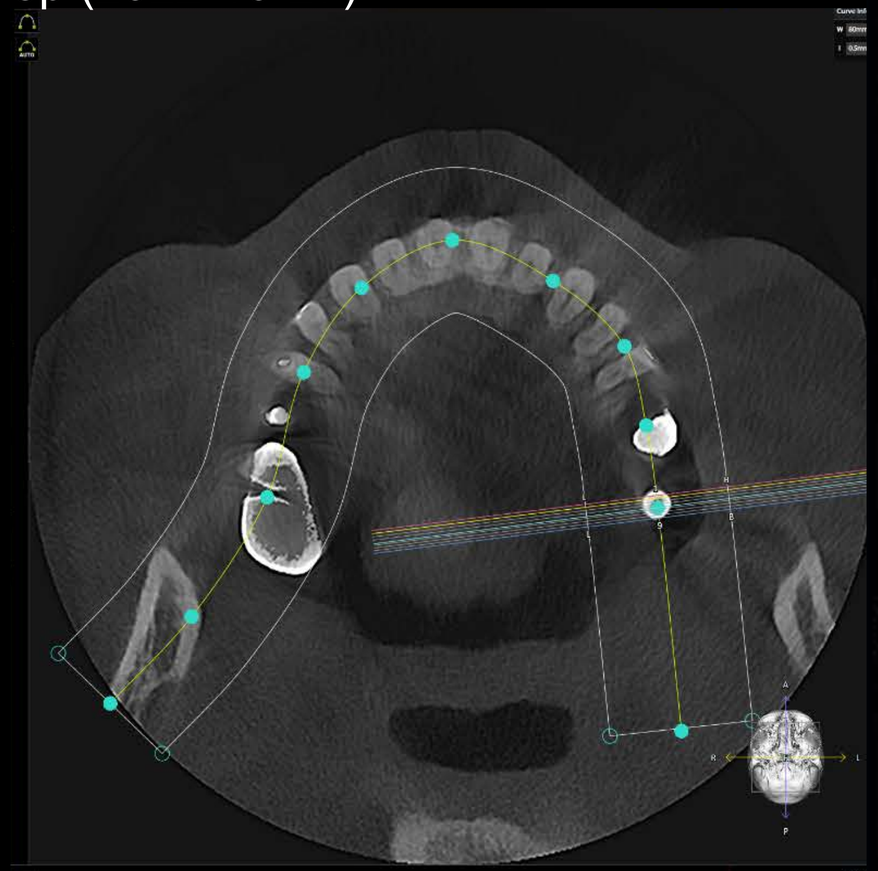
Pre-op (2022-10-27)



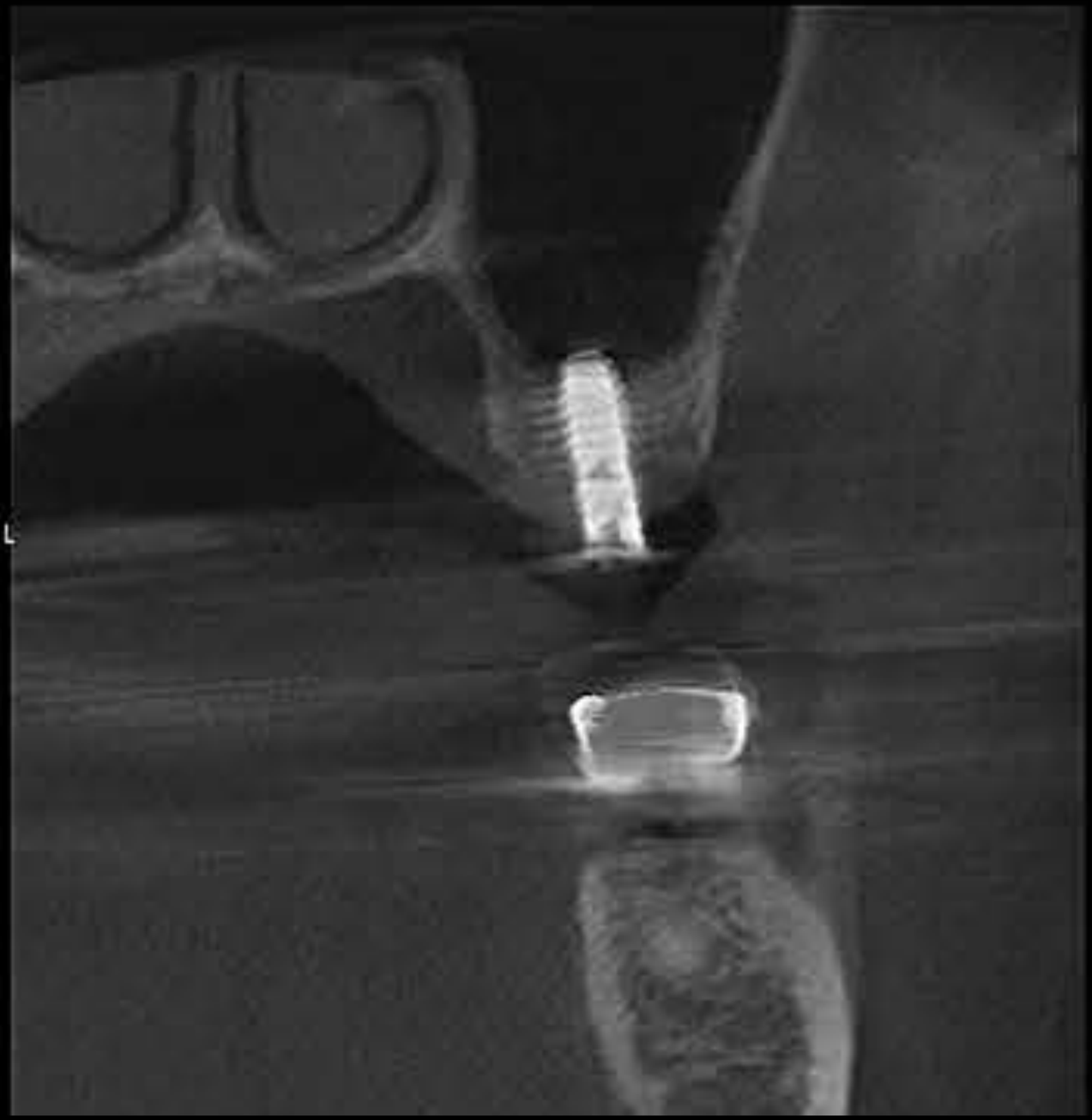




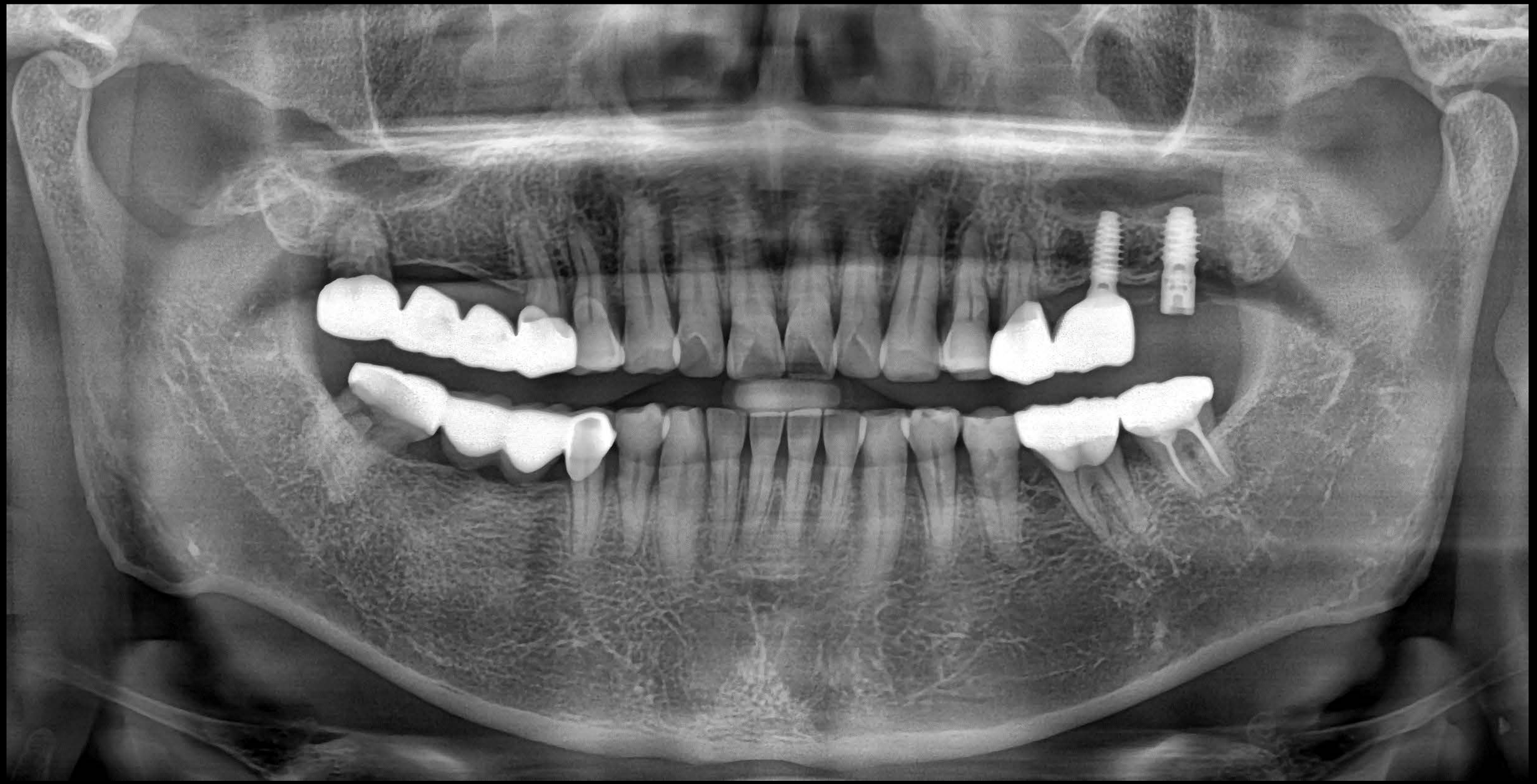
Post-op (2022-10-27)







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



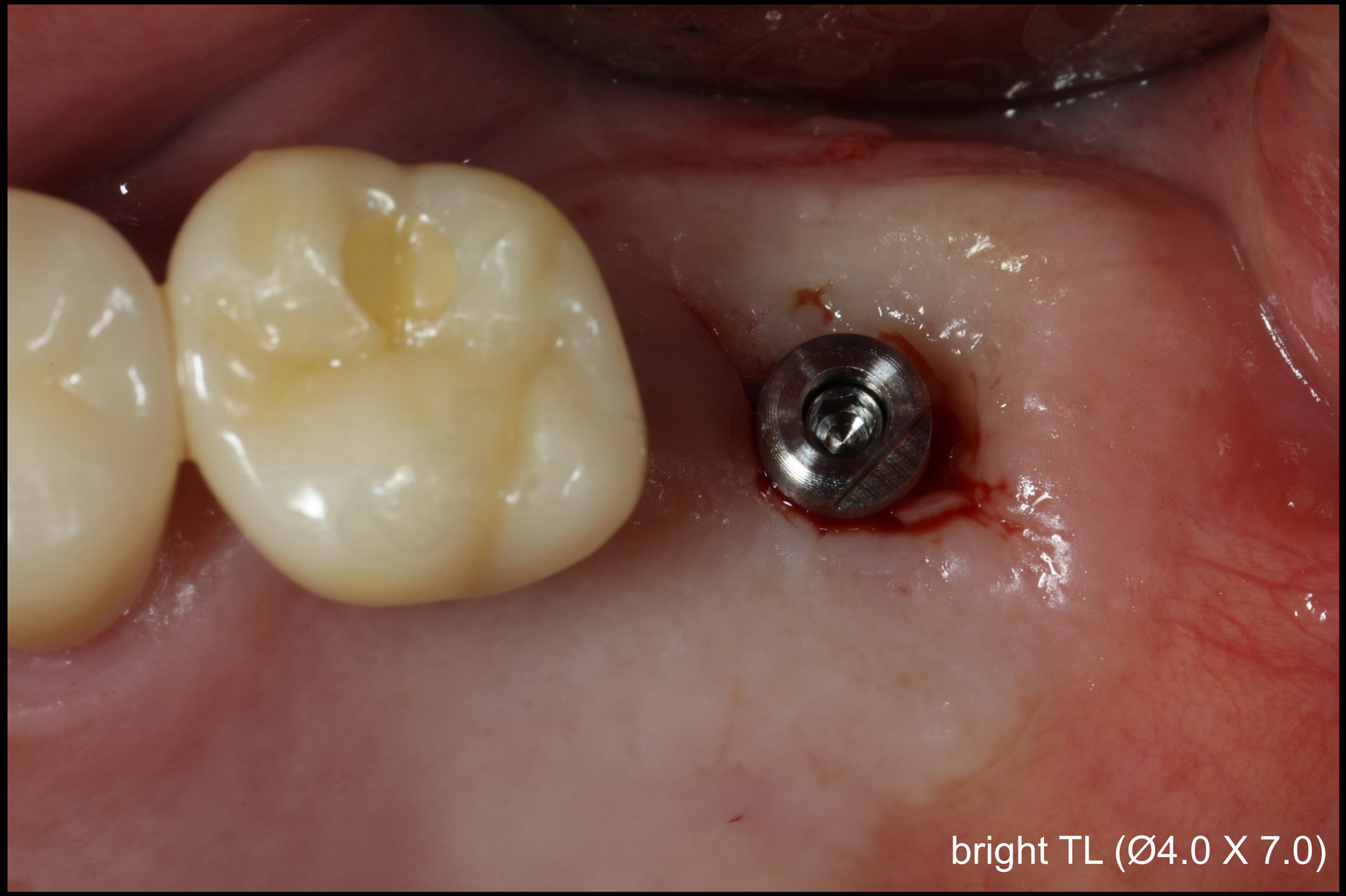
Final prosthesis (2023-03-22)



Pre-op (2022-10-27)



Post-op (2022-10-27)



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)

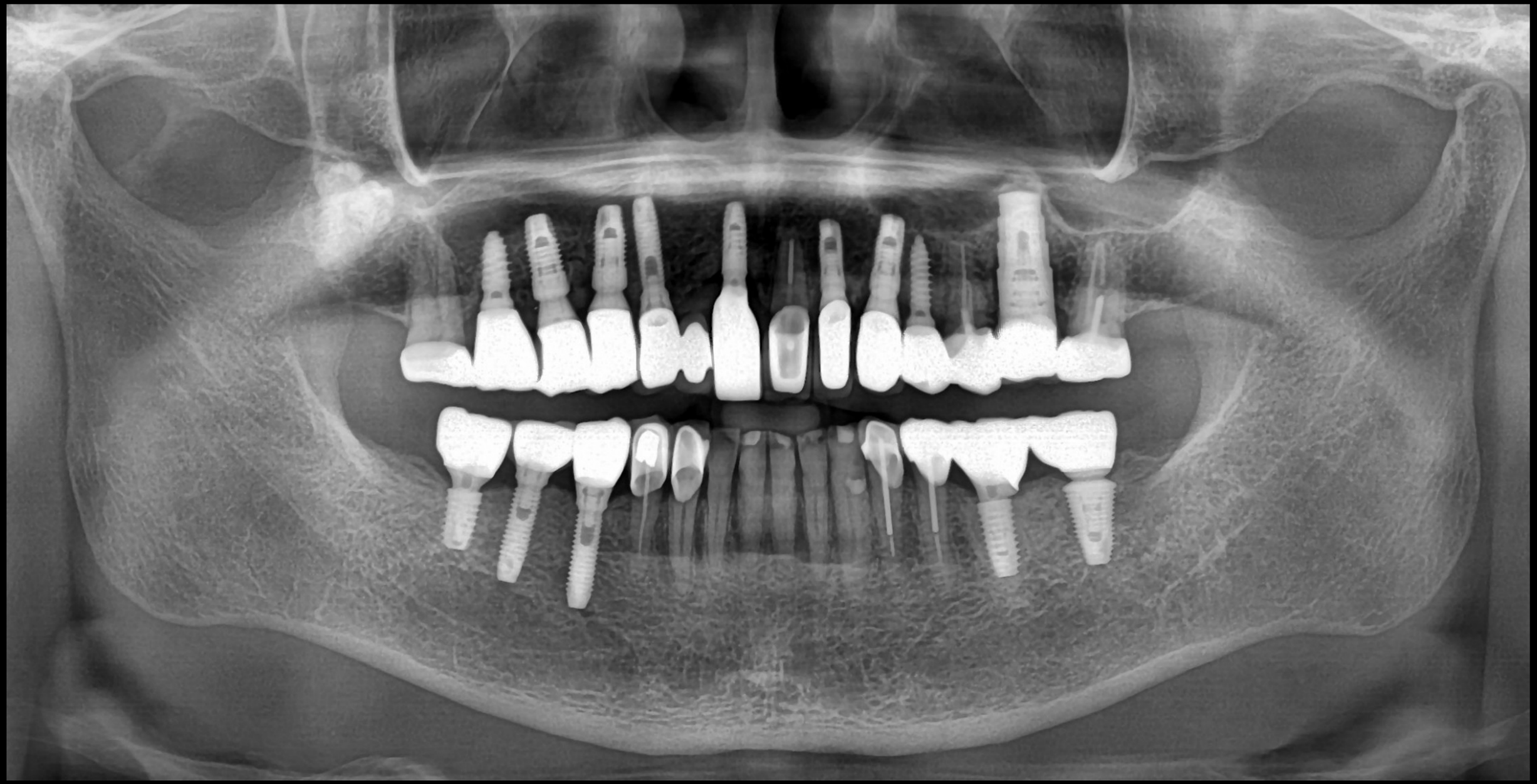


Healing 1 week (After 2nd surgery) (2022-06-23)





Final prosthesis (2022-07-07)

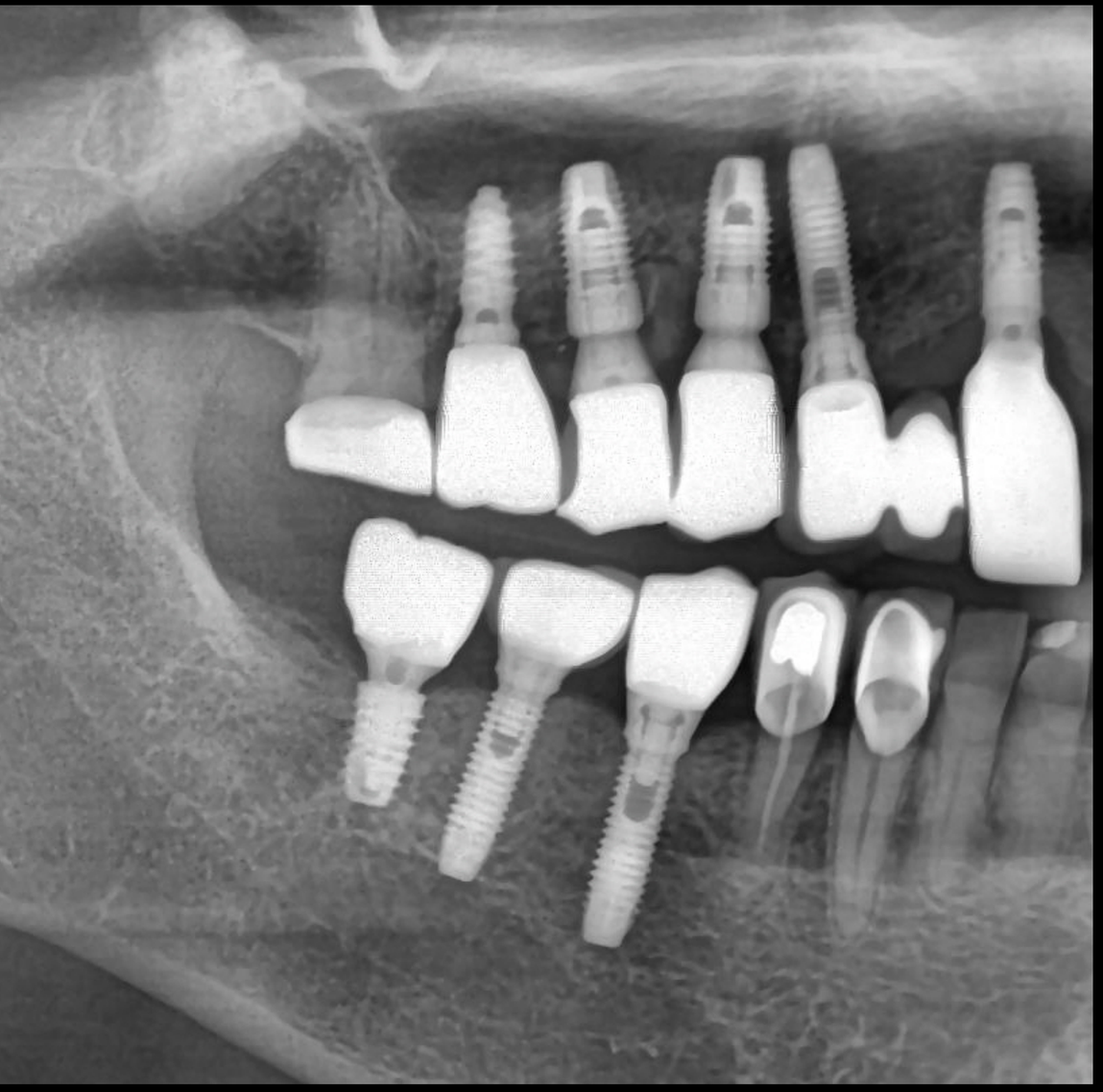


Final prosthesis (2022-07-07)

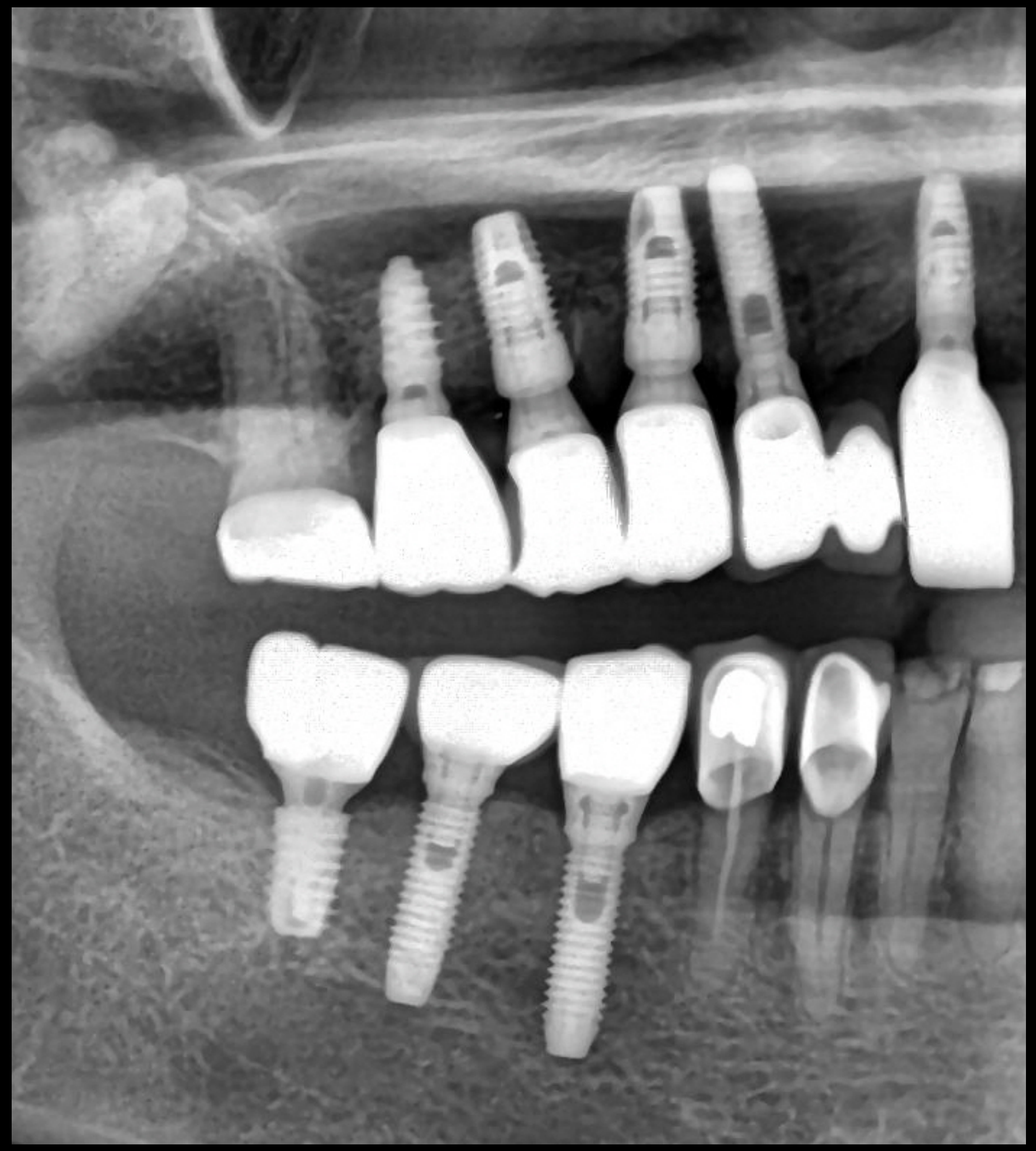


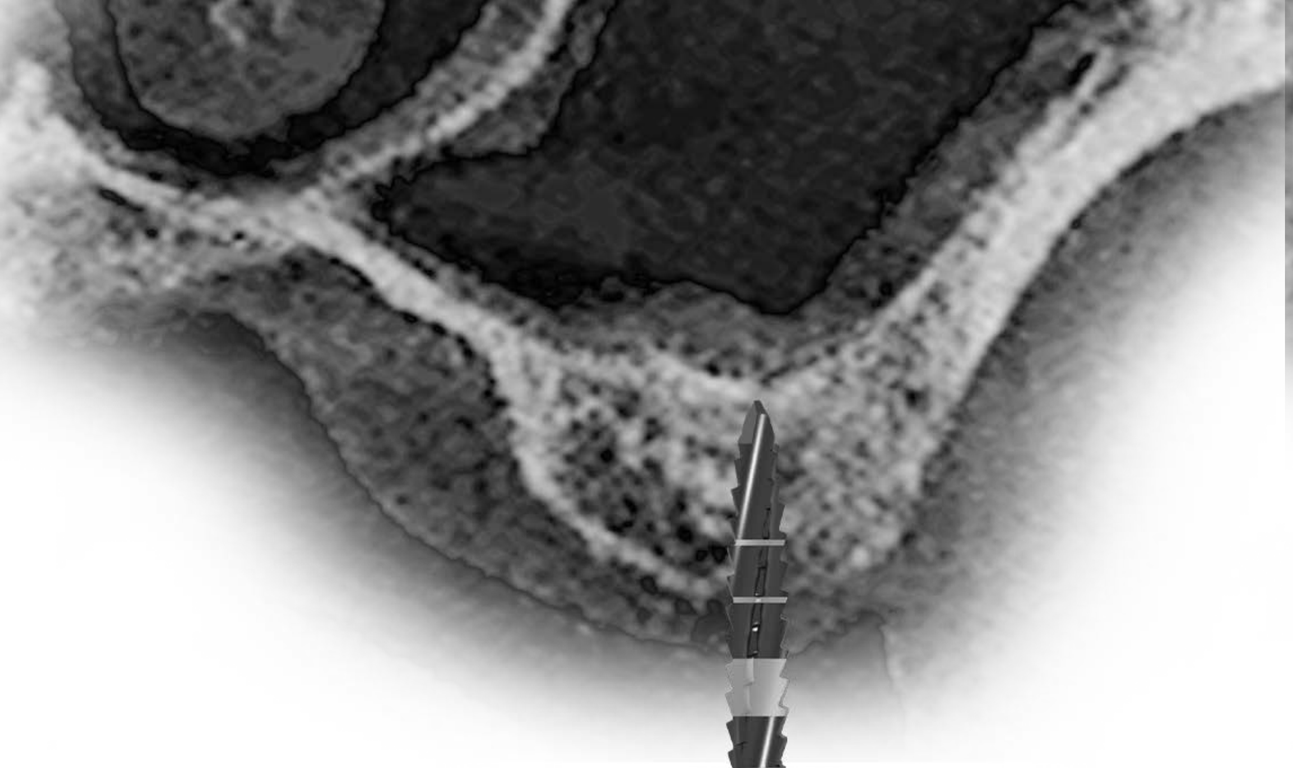


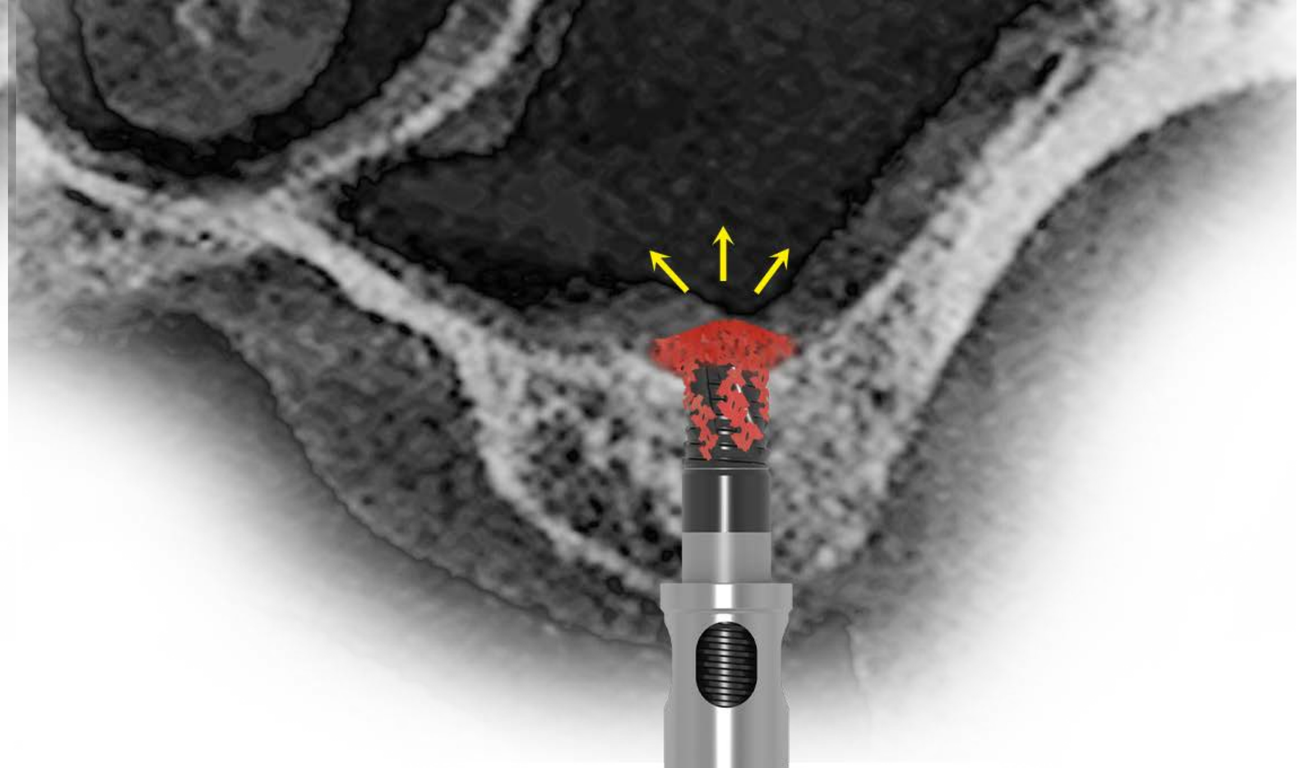
Follow up 3 months (2022-10-13)



Follow up 10 months (2023-03-02)



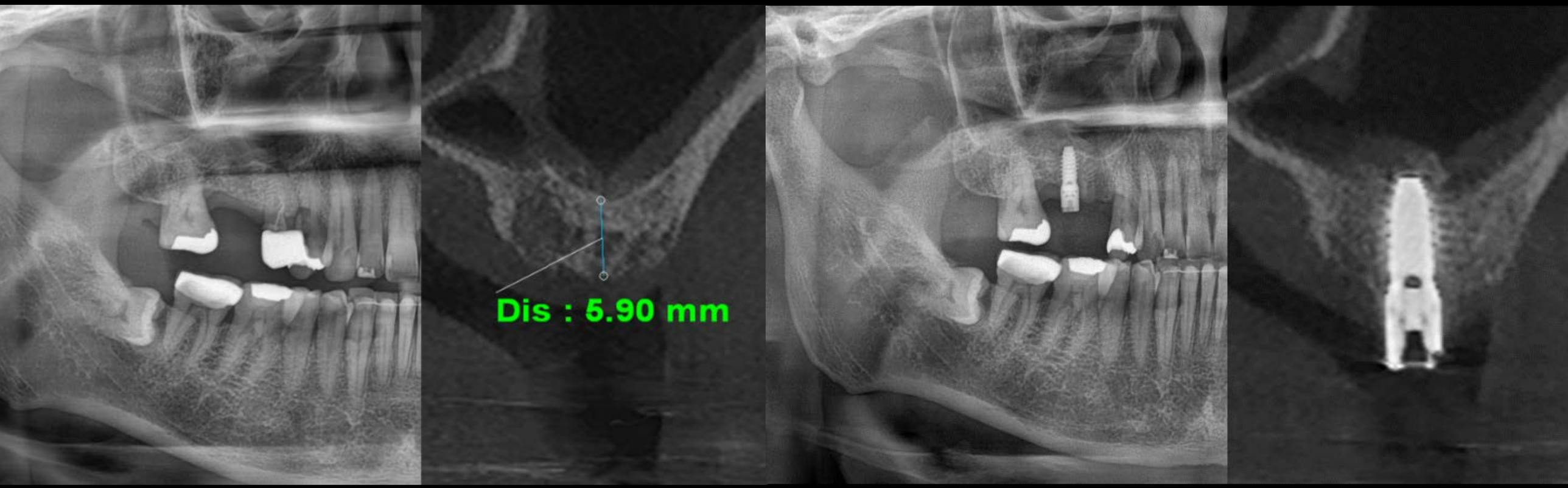






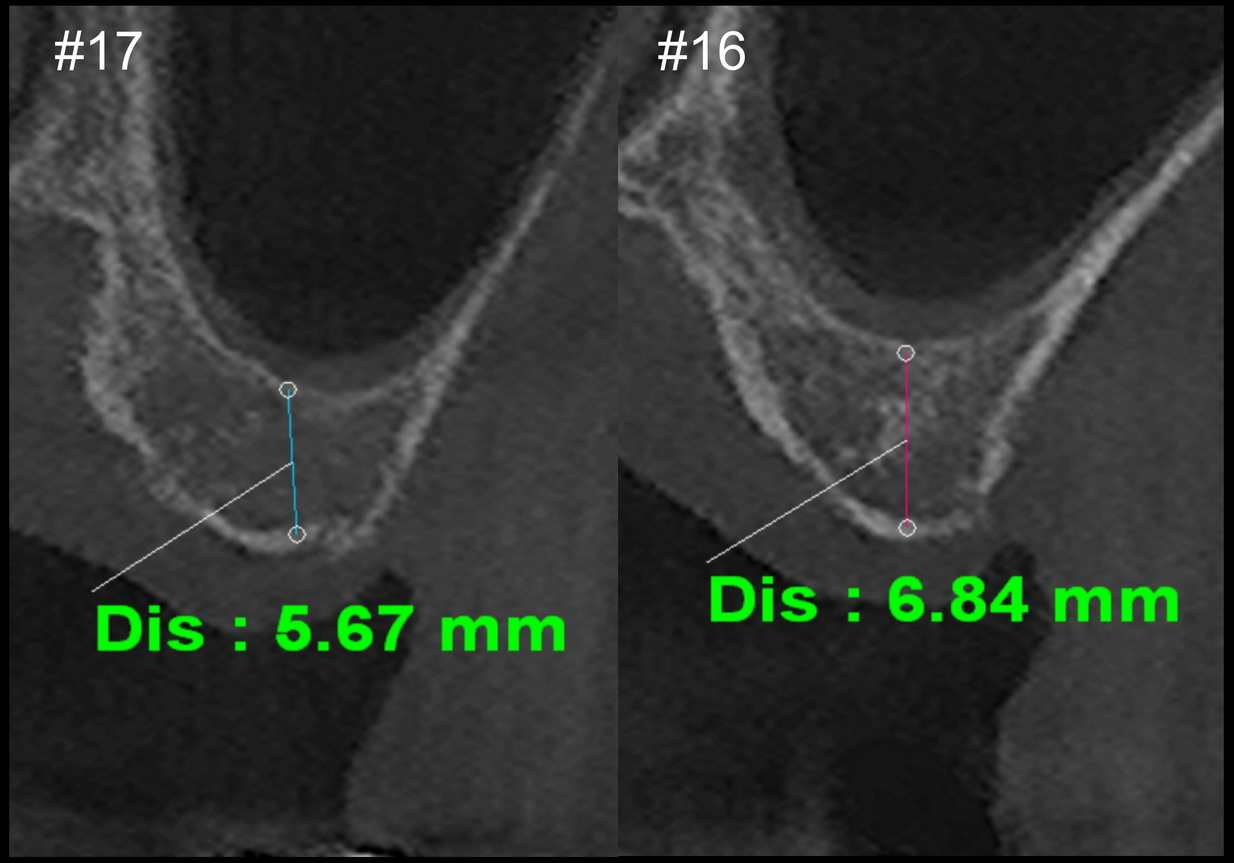





Dis : 5.90 mm

Pre-op (2022-03-20)

Post-op (2022-03-20)

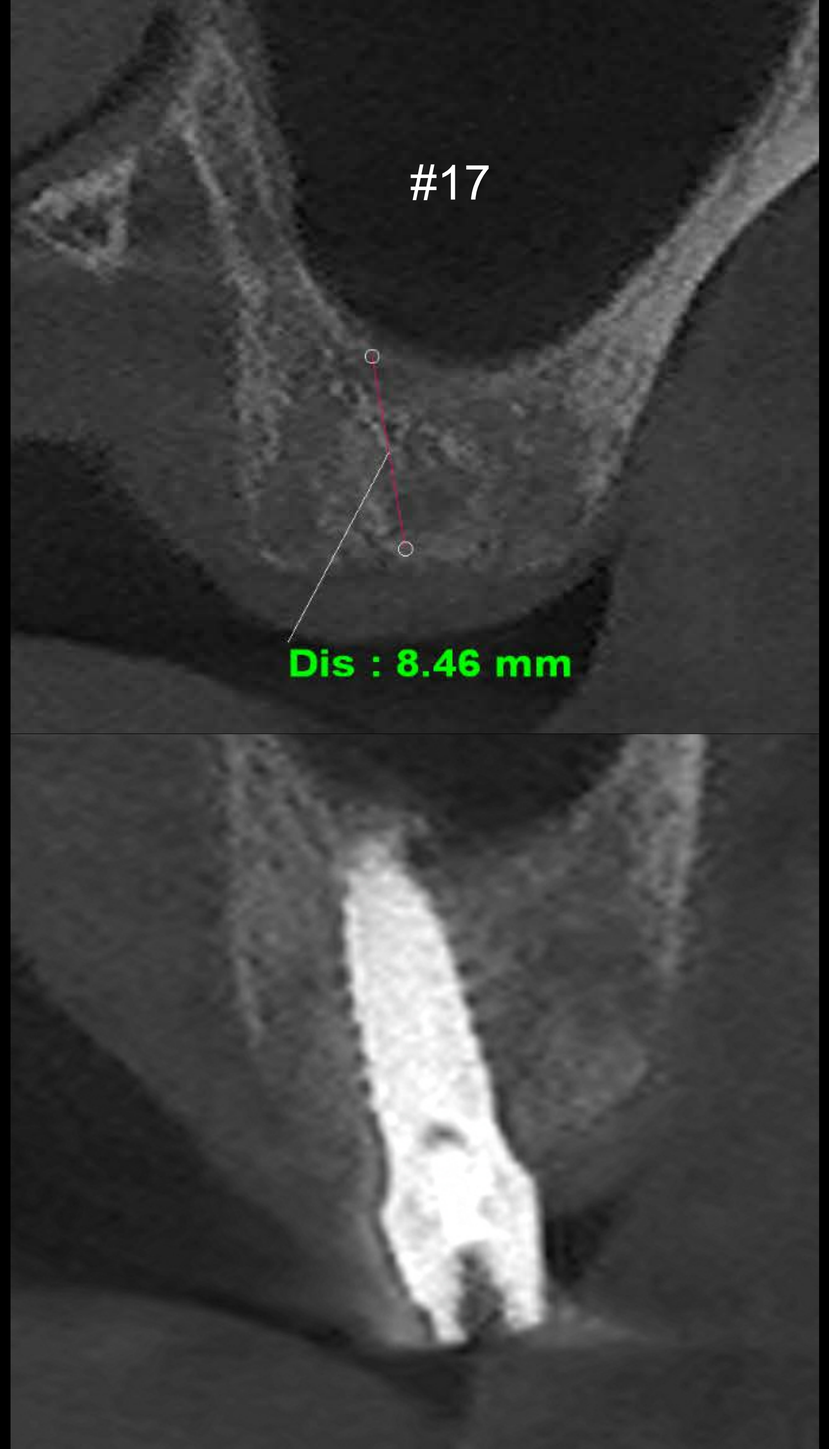


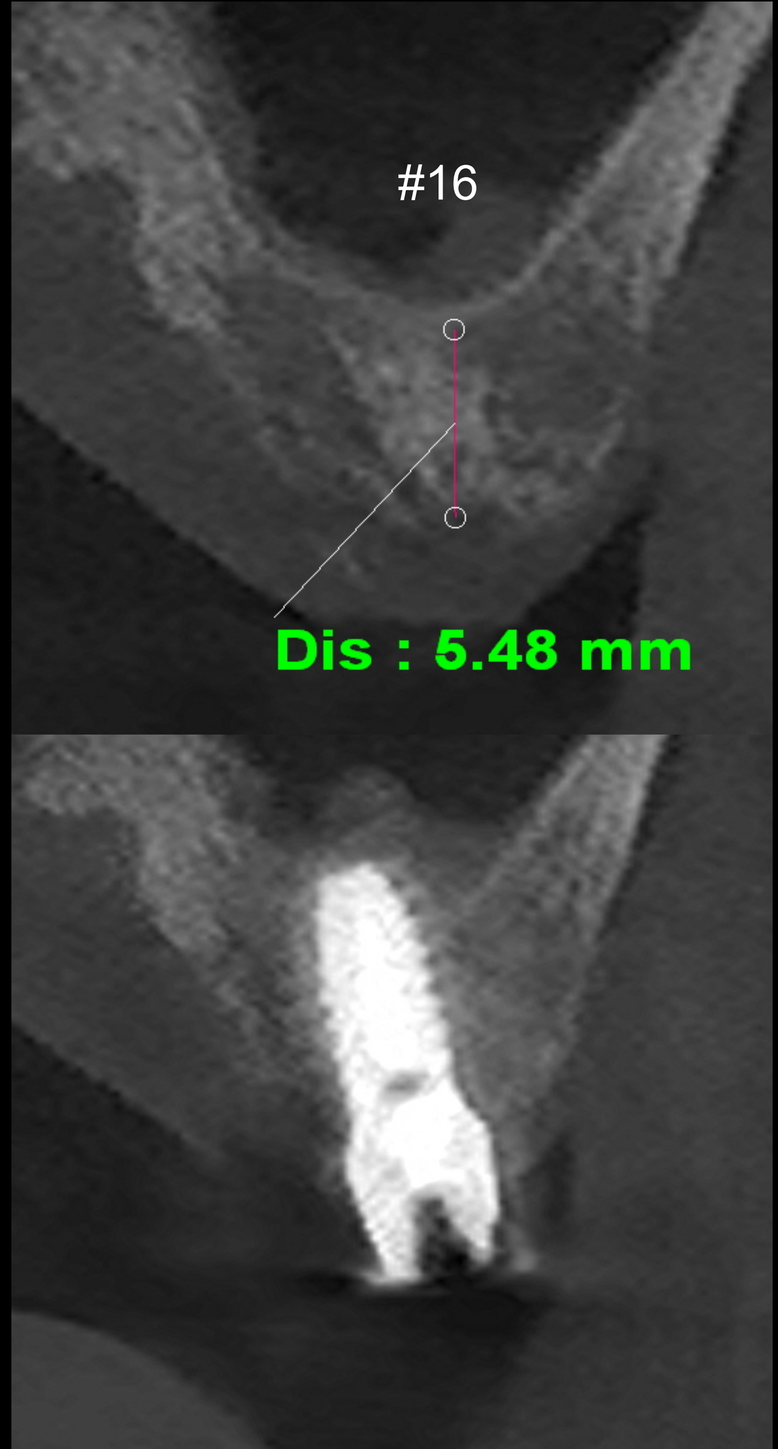


bright BL2 (Ø5.0 X 7.0)

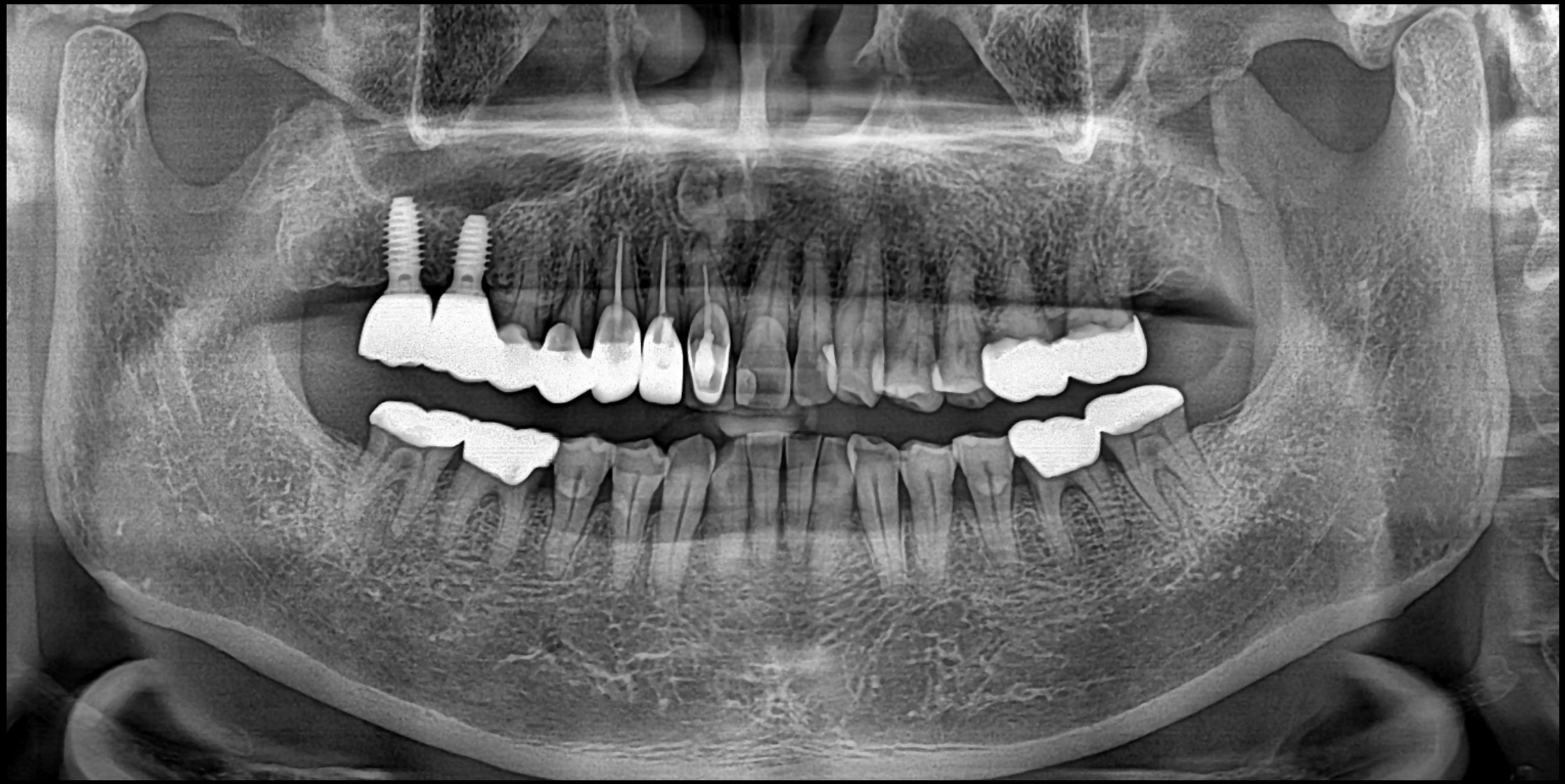


bright BL2 (Ø4.0 X 9.0)

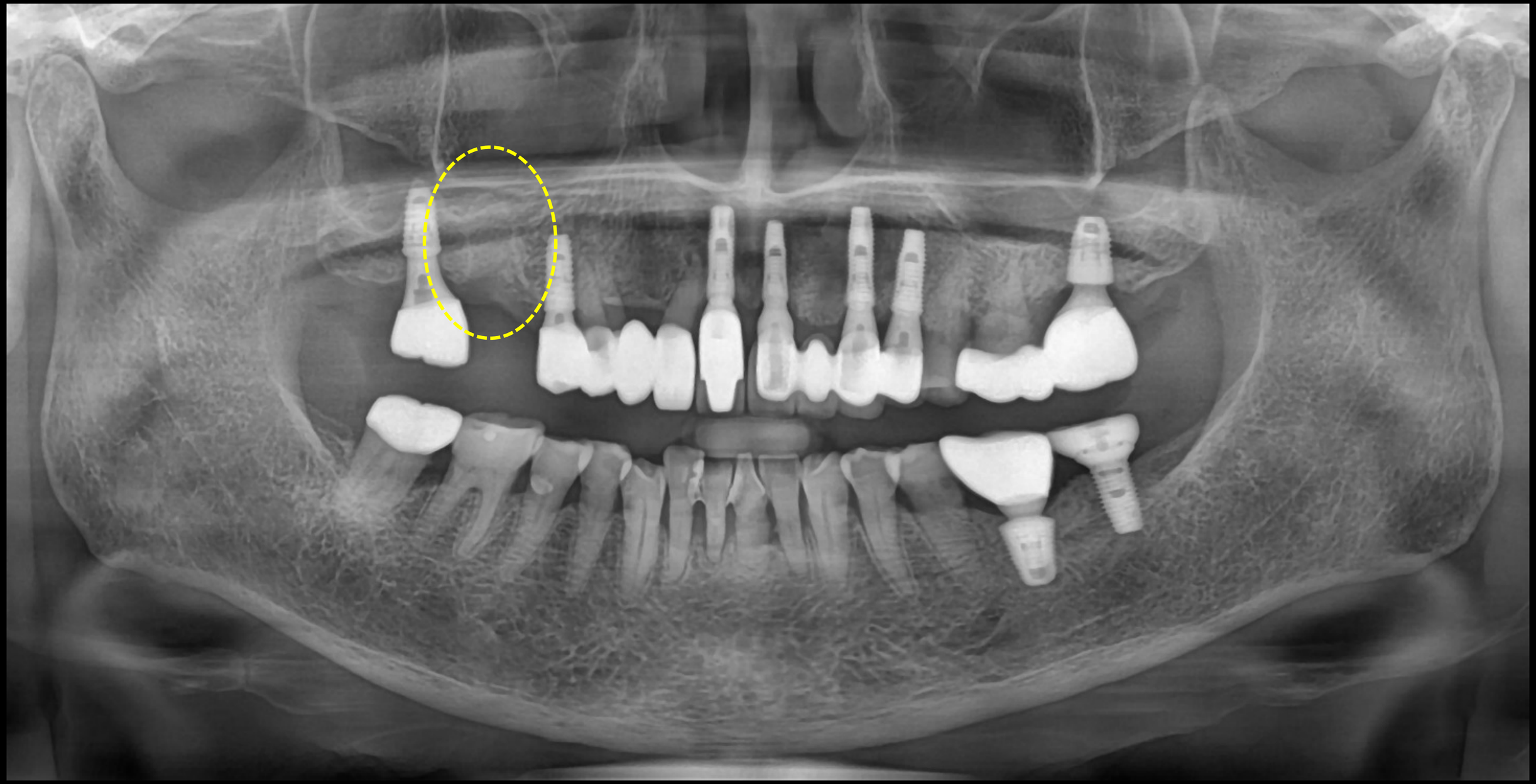

#17
Dis : 8.46 mm


#16
Dis : 5.48 mm

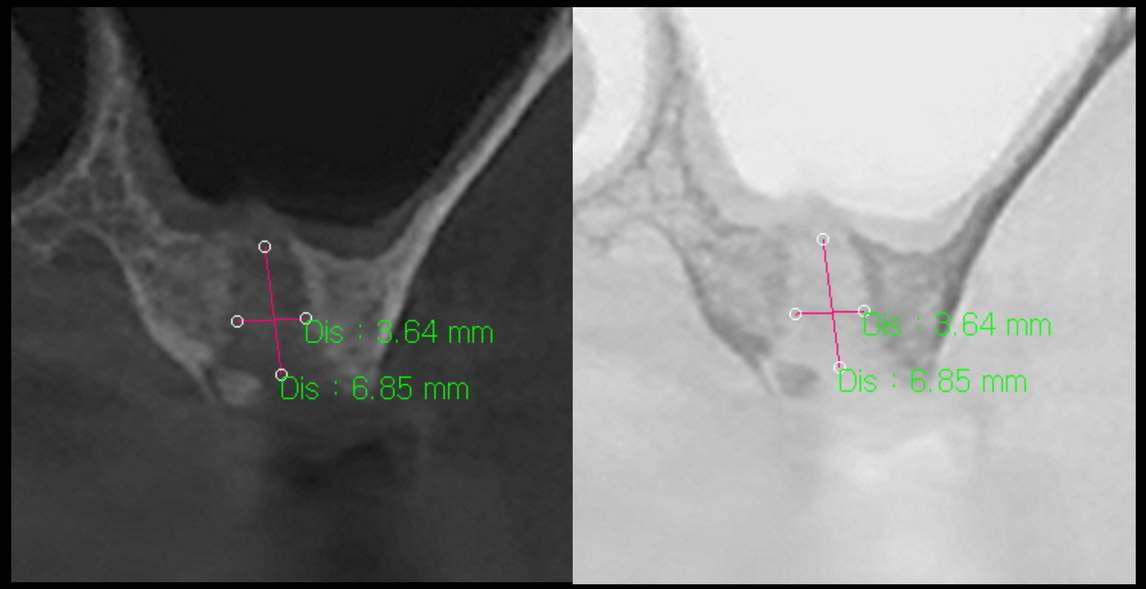
Final prosthesis (2023-07-12)



Pre-op (2022-10-25)

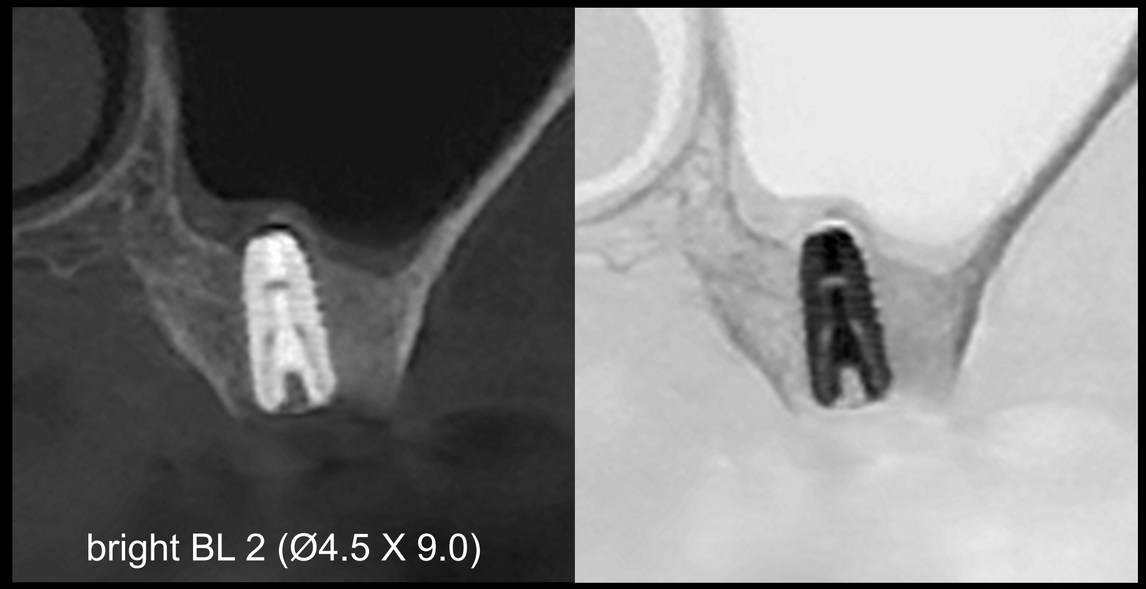


Pre-op (2023-10-25)



#16

Post-op (2023-10-25)



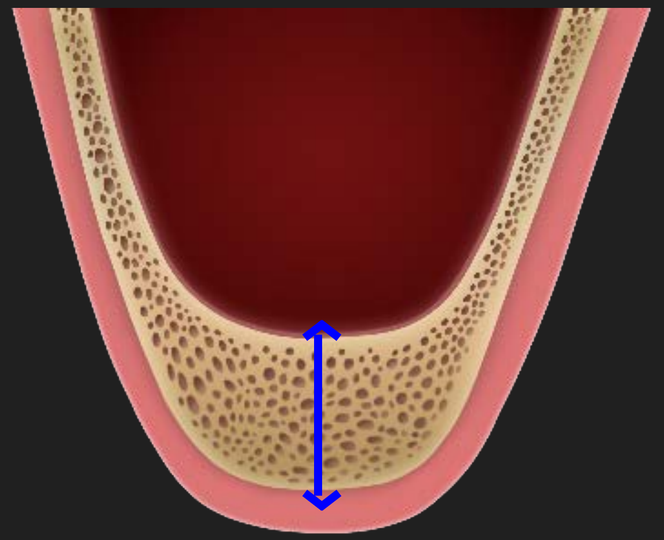
#16

Crestal approach with DASK Simple

Crestal approach

:Remaining bone 3 to 5 mm

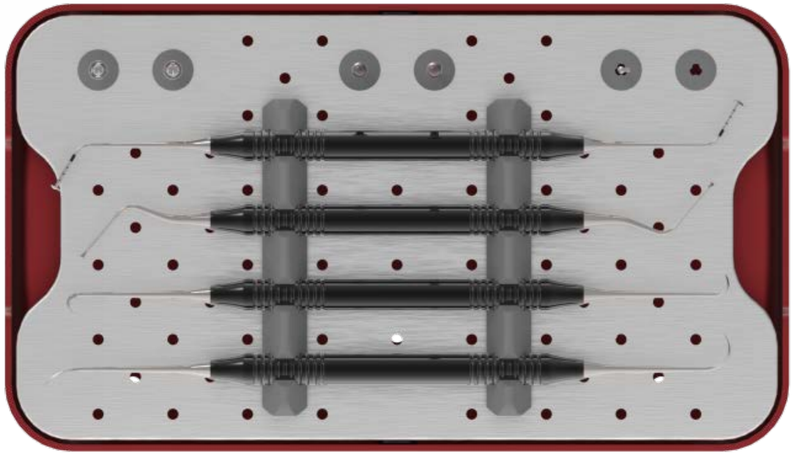
3 - 5 **mm**

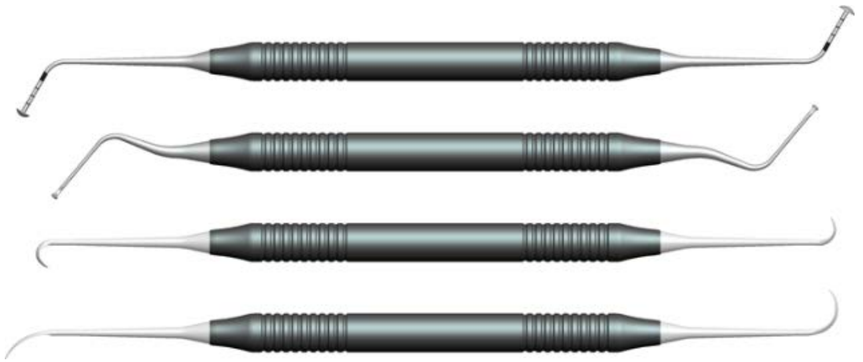


Crestal approach

DASK *Simple*

Realization of Minimalism in Sinus





Sinus curette

Crestal Drill



Bone Spreader



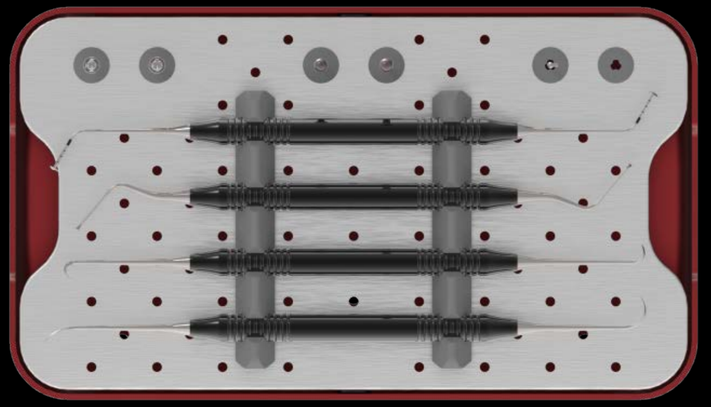
Lateral Drill

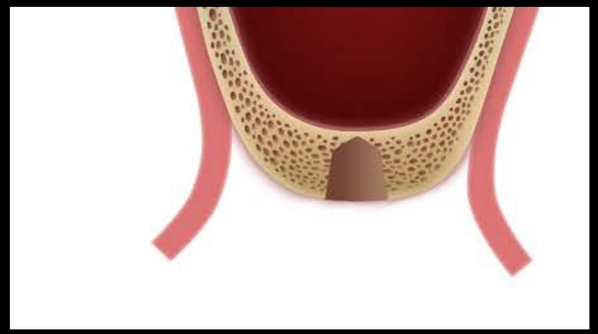


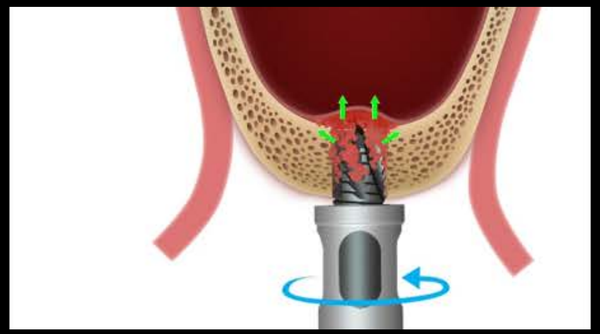
Dentium
For Dentists By Dentists

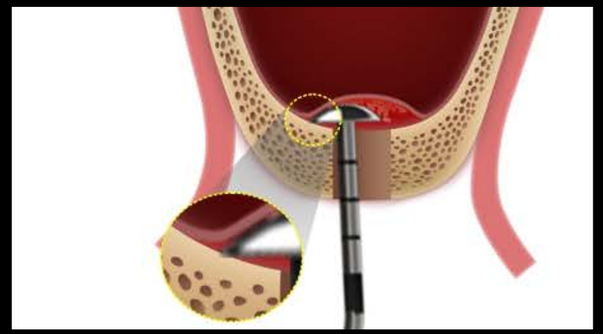
Dentium

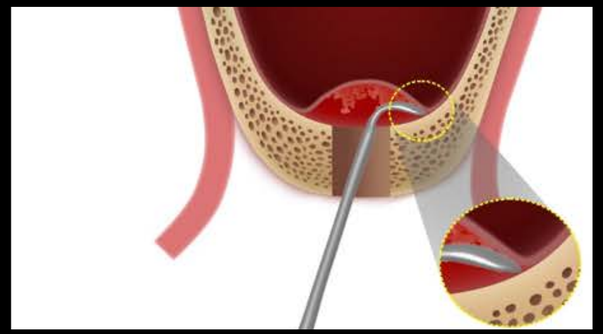
Sinus Kit : DASK Simple

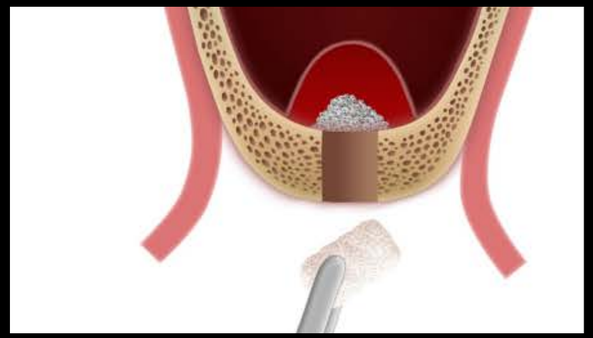


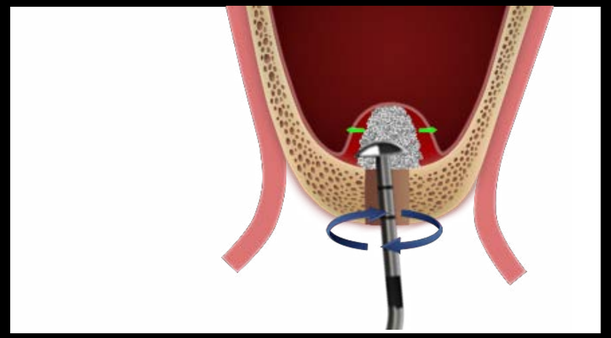


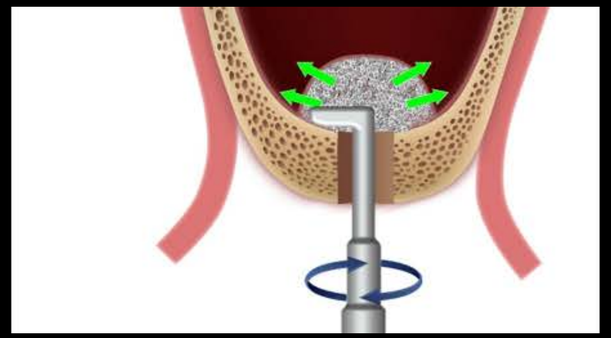


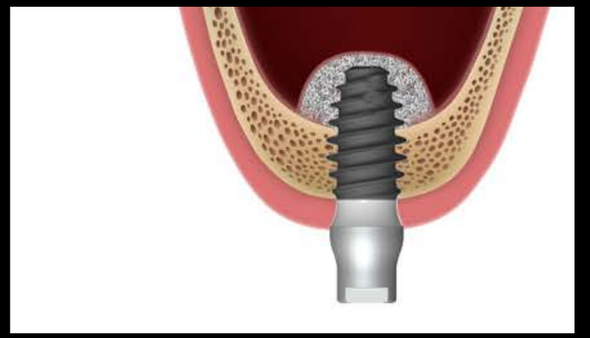












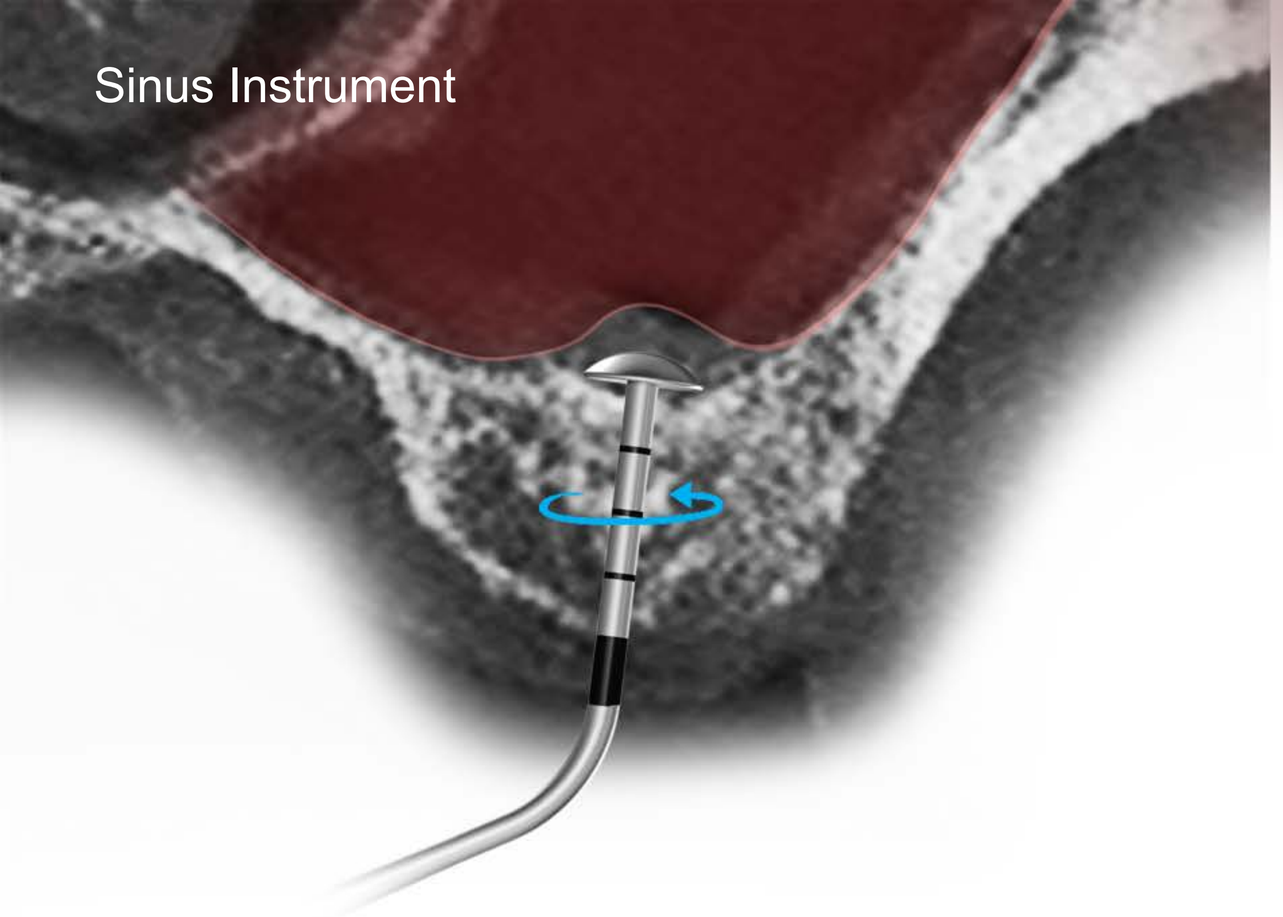
Initial drill

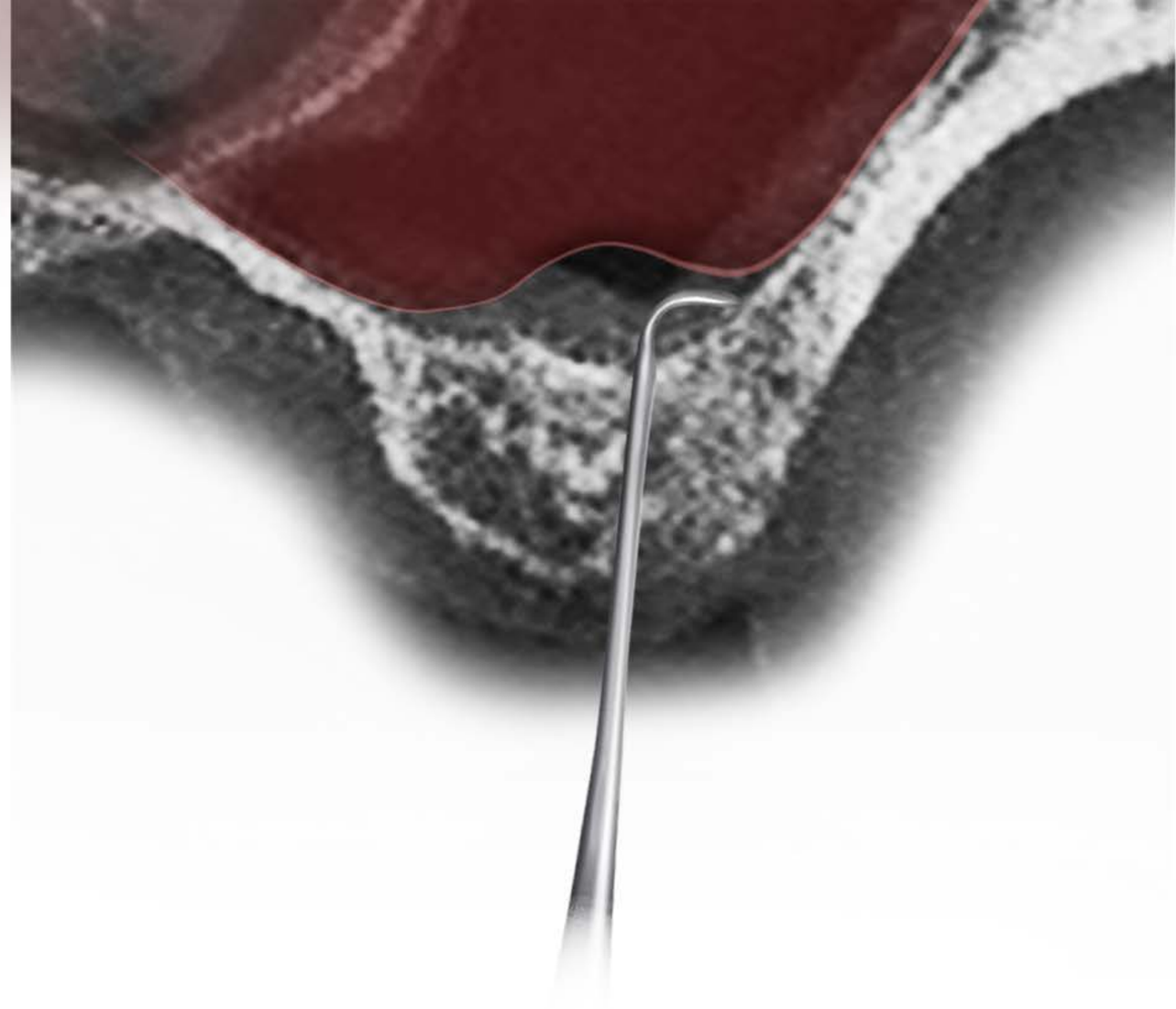


Crestal drill

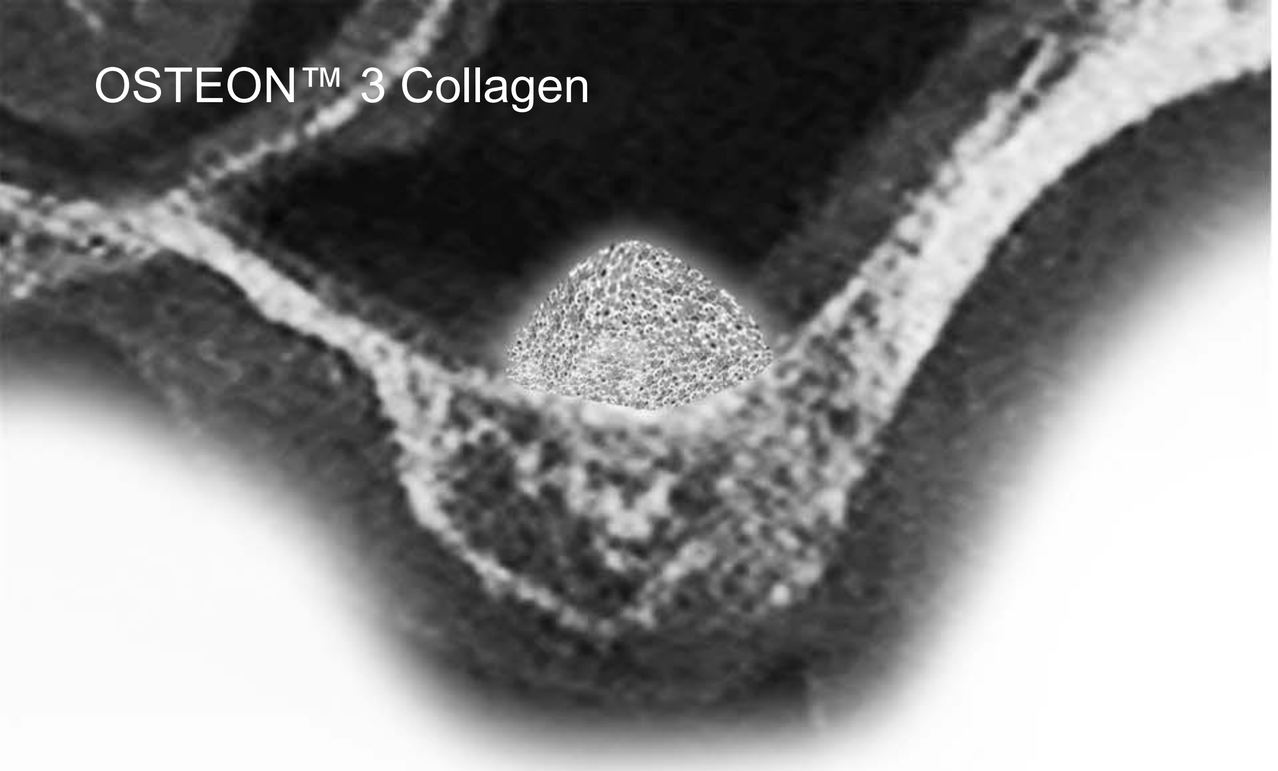


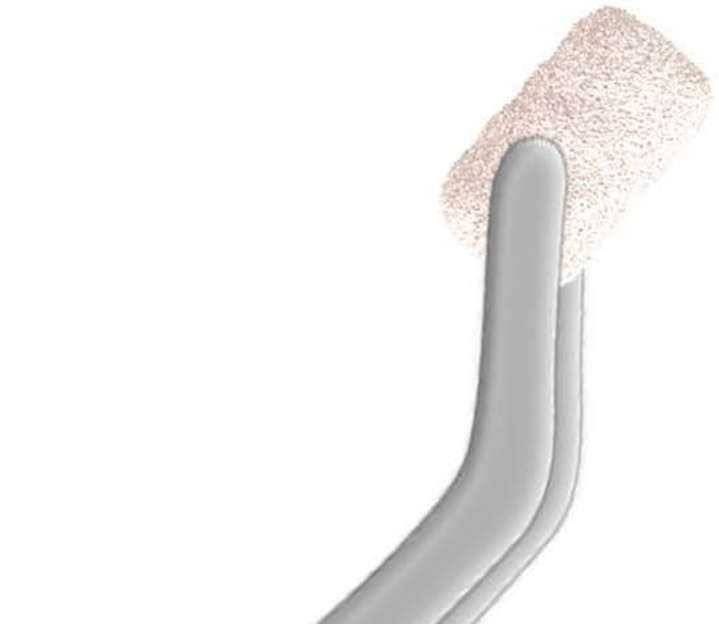
Sinus Instrument



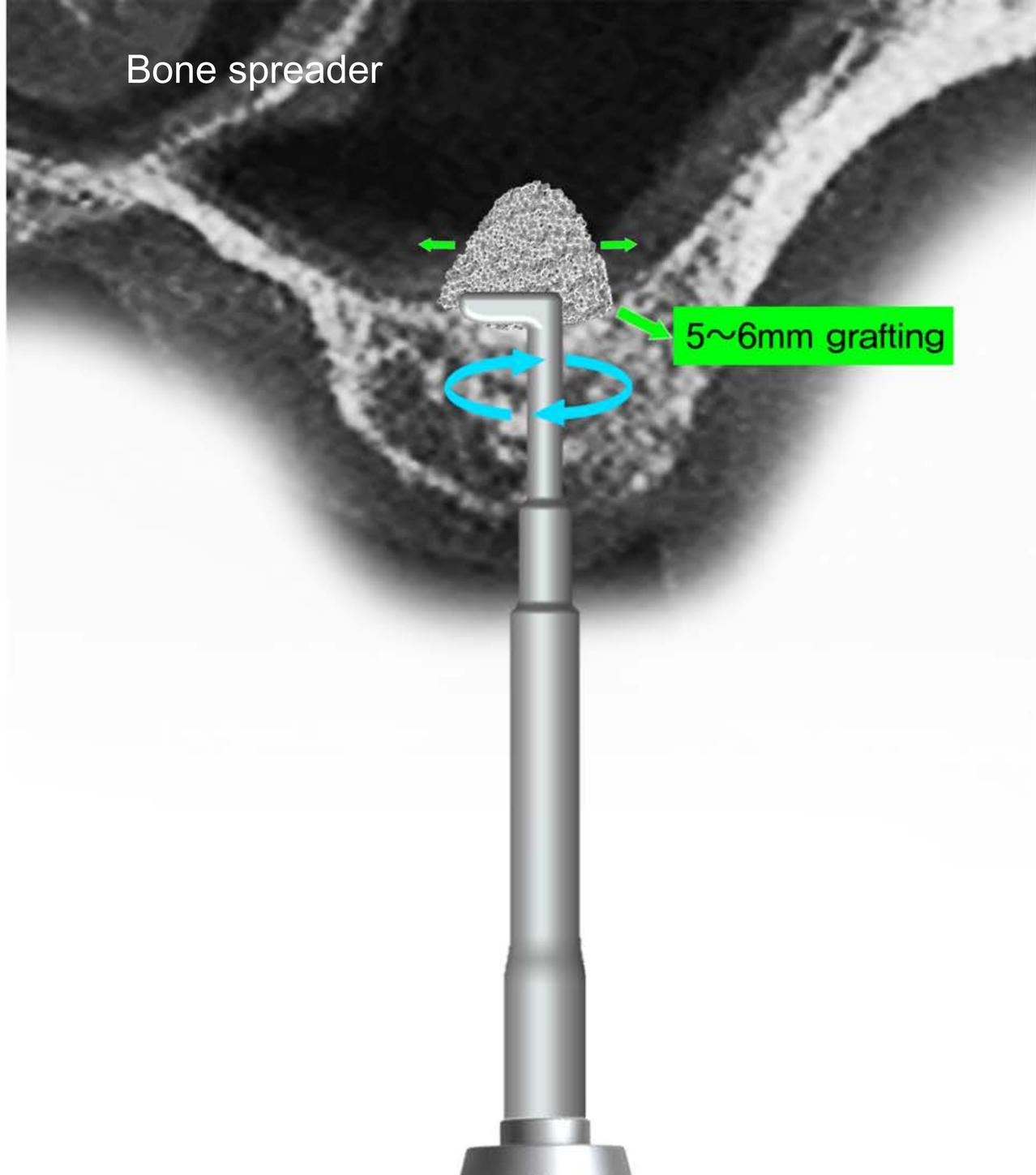


OSTEON™ 3 Collagen

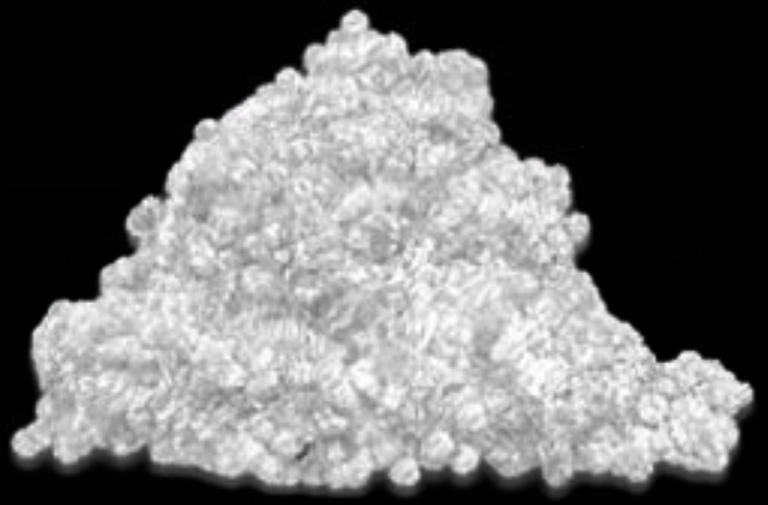




Bone spreader



Particulate bone

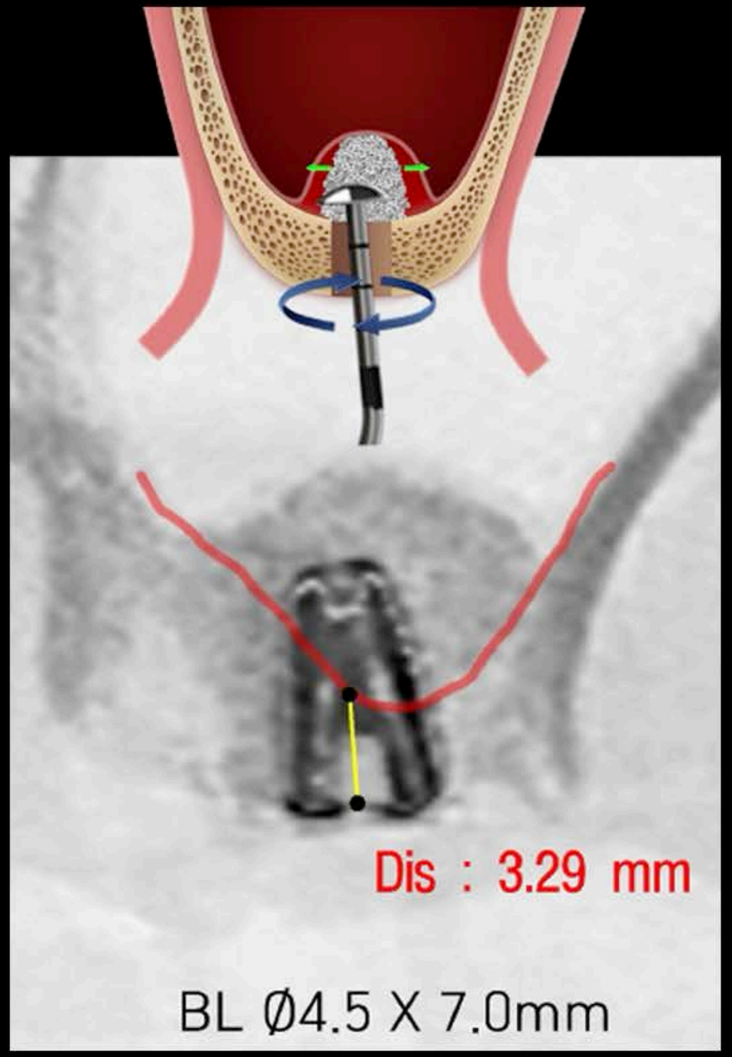


OSTEON™ 3

Collagen impregnated bone



OSTEON™ 3 Collagen

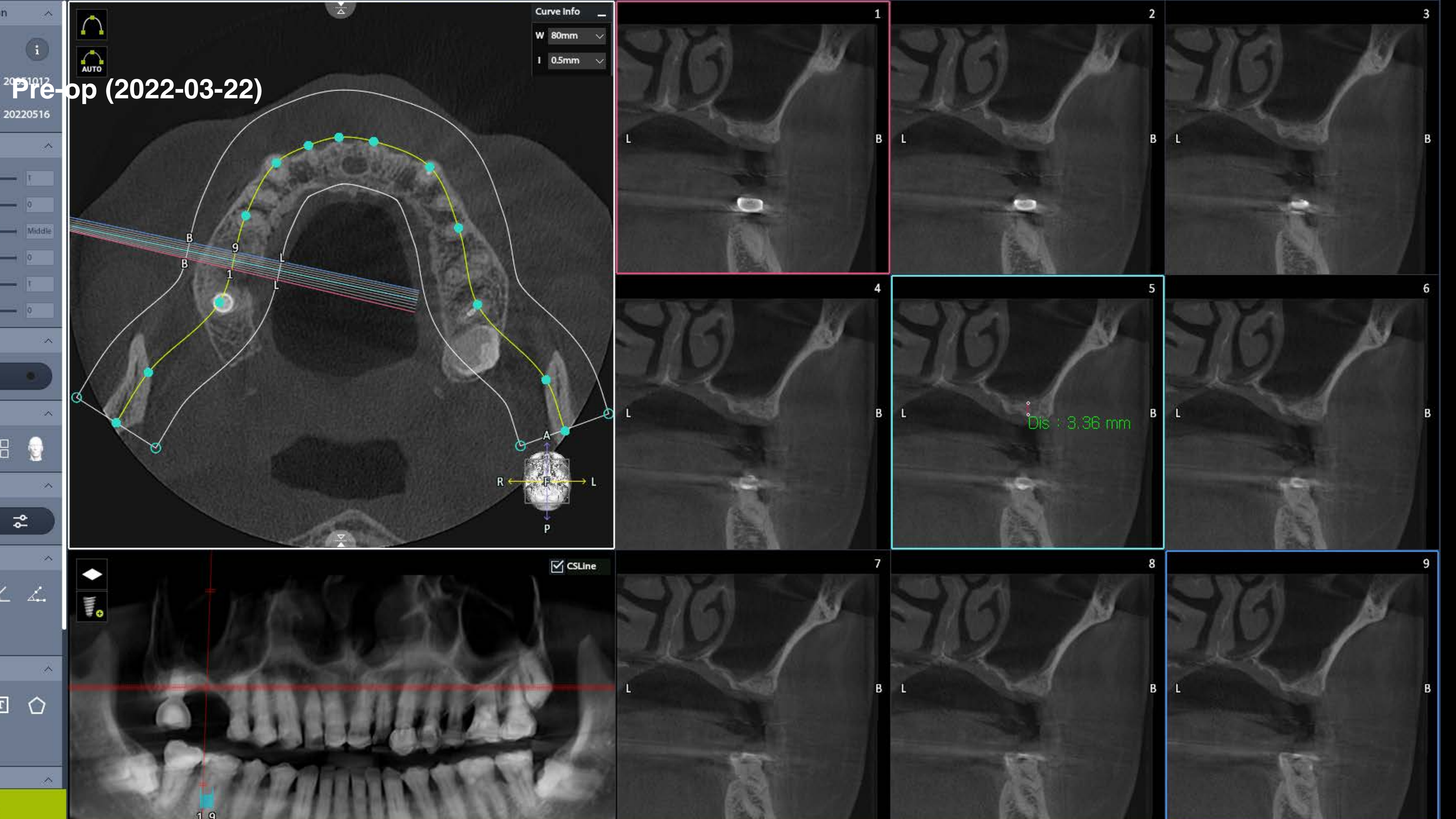


Hands-on guide

DASK *Simple*

Crestal approach

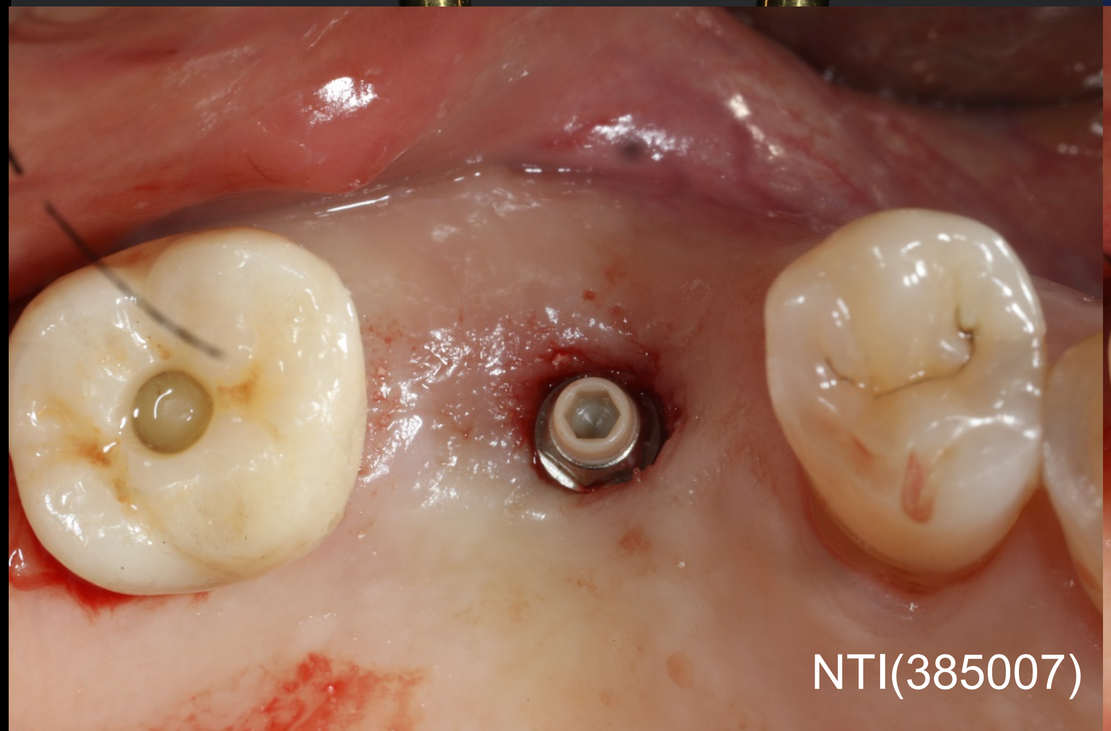

Pre-op (2022-03-22)


Pre-op (2022-03-22)
Curve Info
W 80mm
I 0.5mm
AUTO
CSLine
Dis : 3.36 mm
A
P
R
L
1
2
3
4
5
6
7
8
9

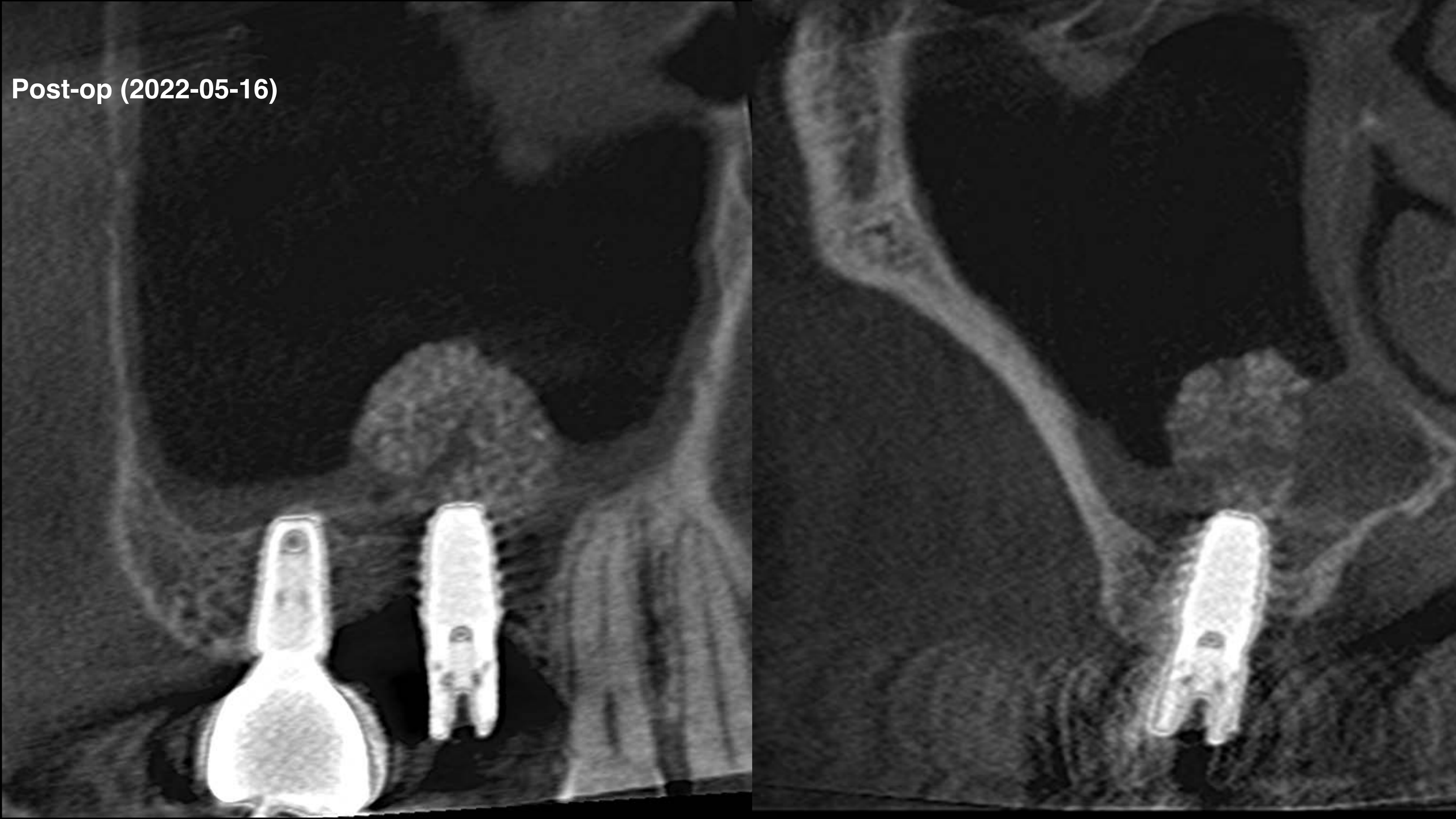
Surgery (2022-05-16)


DASK Crestal drill



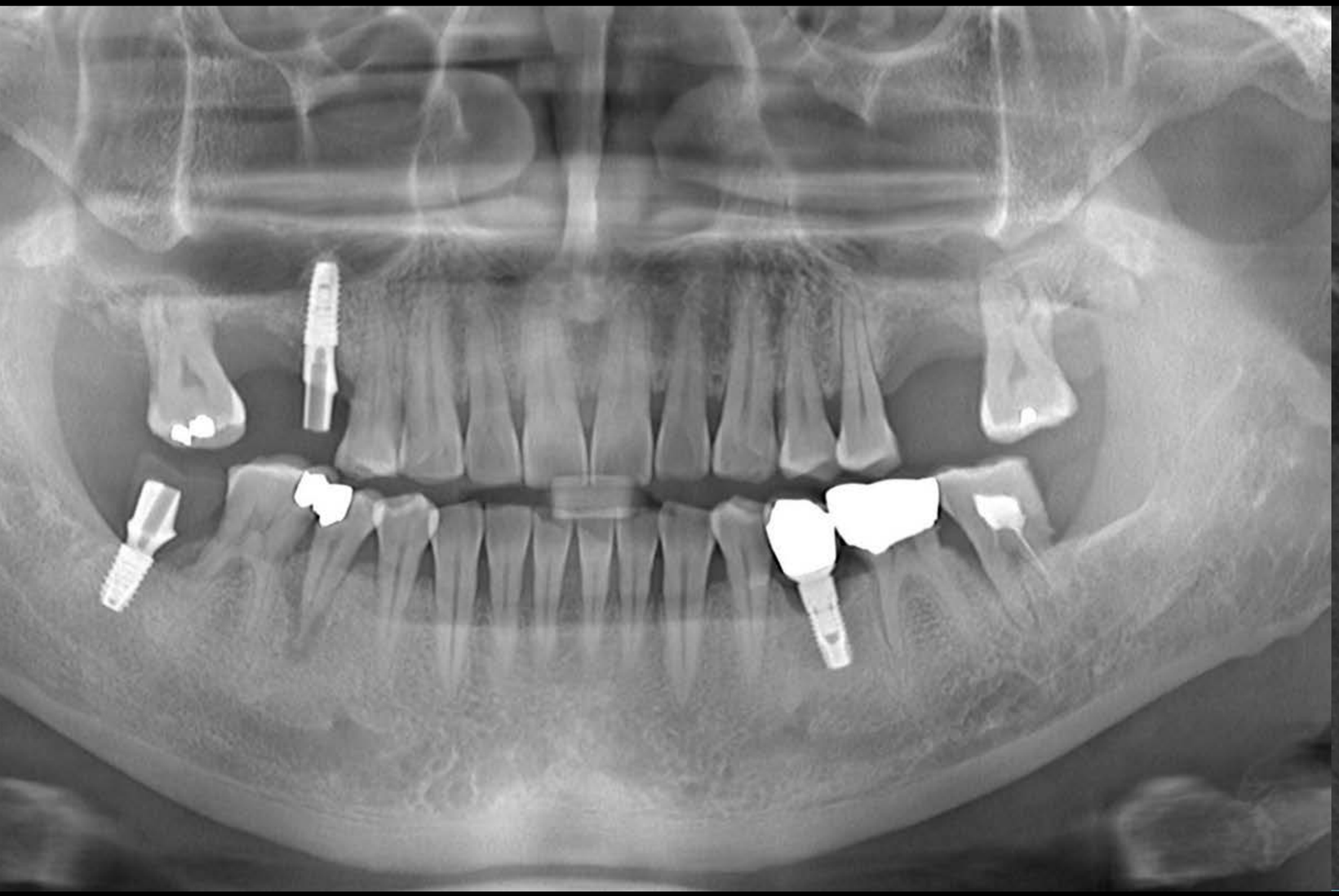

NTI(385007)

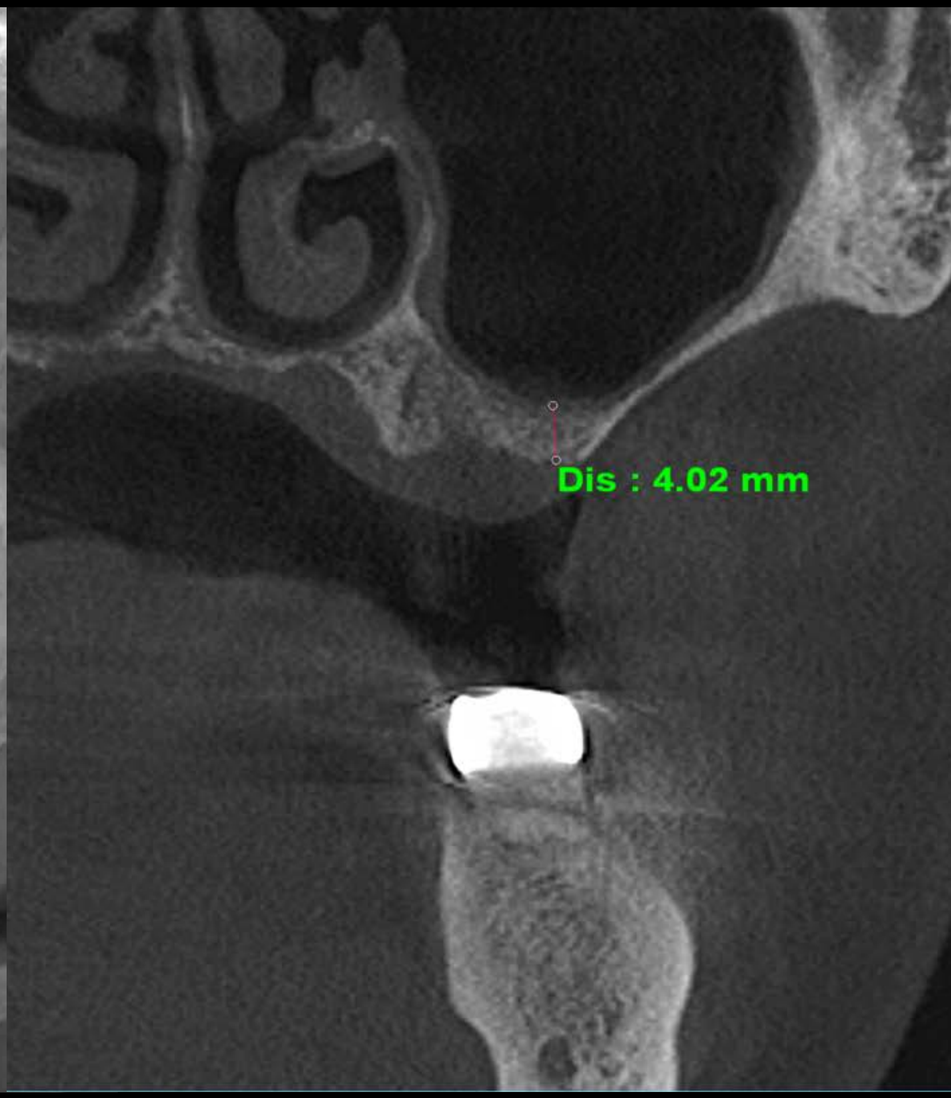

Scan Comfort Cap


Post-op (2022-05-16)

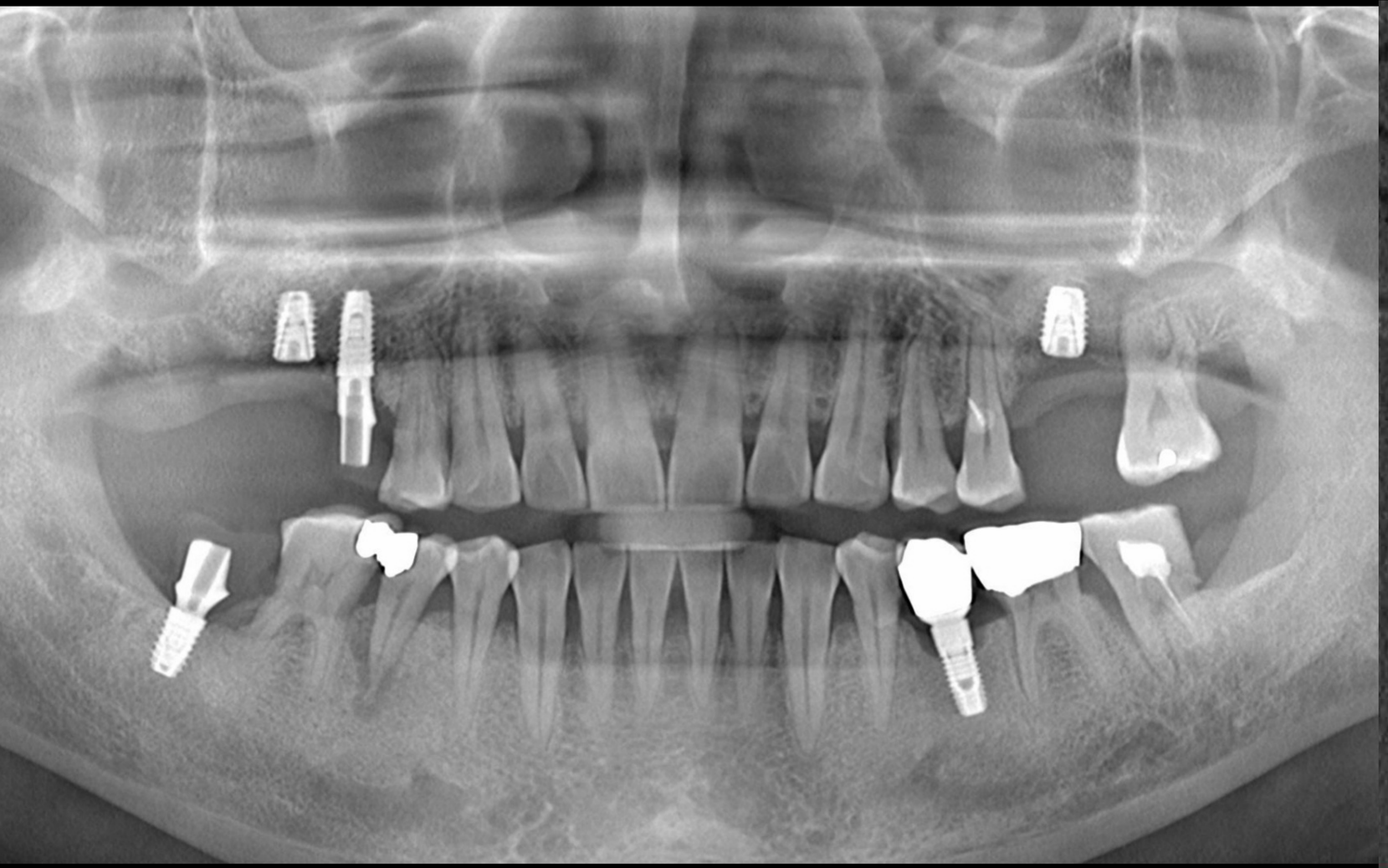


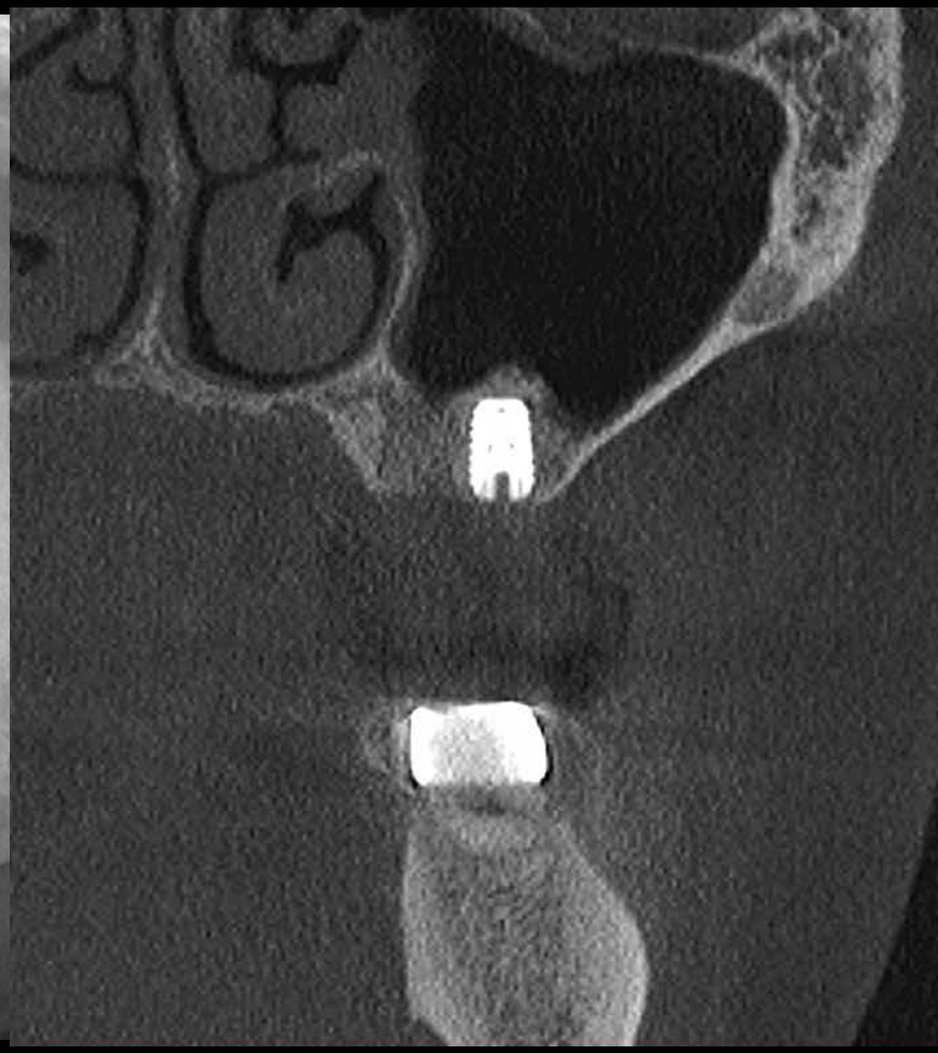
Pre-op (2020-04-29)





Post-op (2020-07-16)





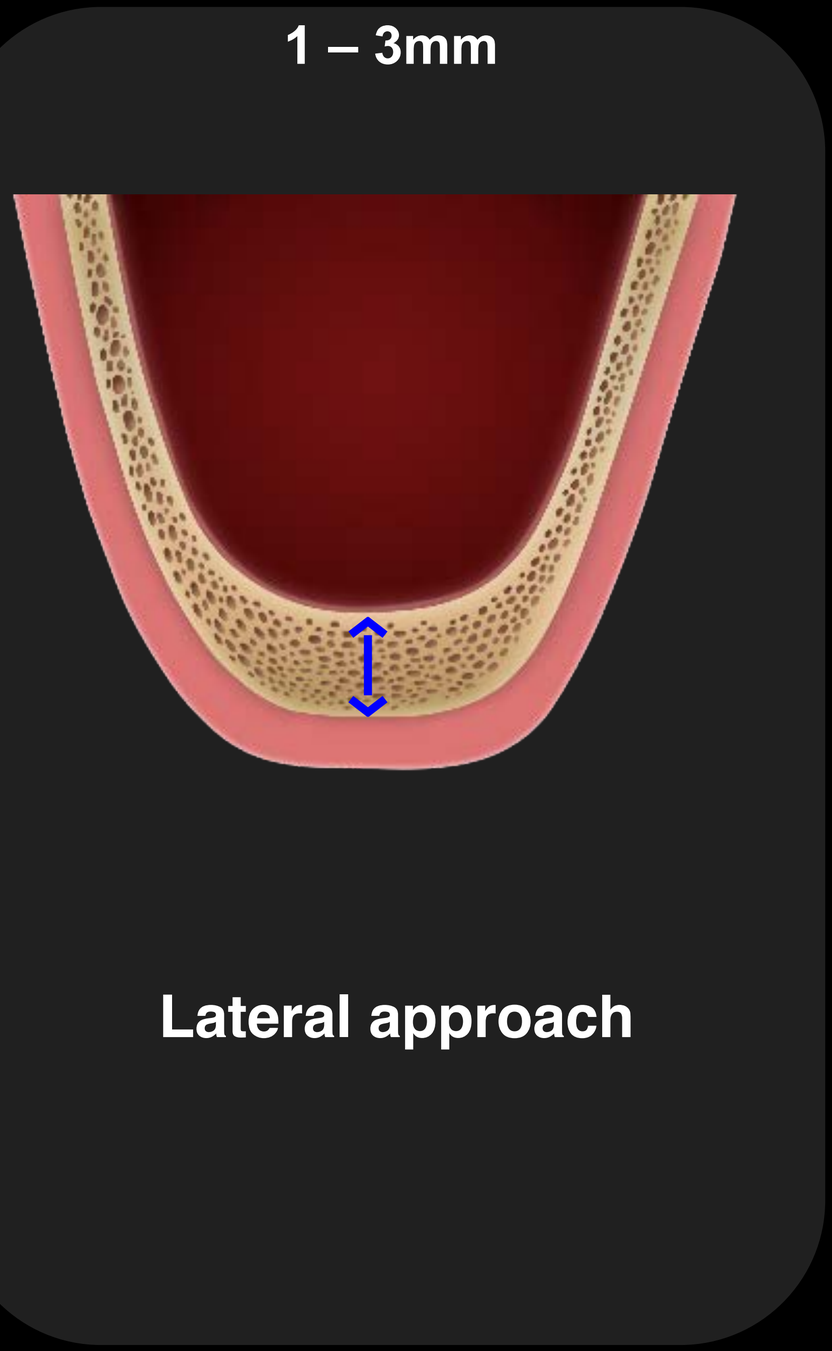

Final prosthesis (2021-02-19)


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

Lateral approach with DASK Simple

Lateral approach

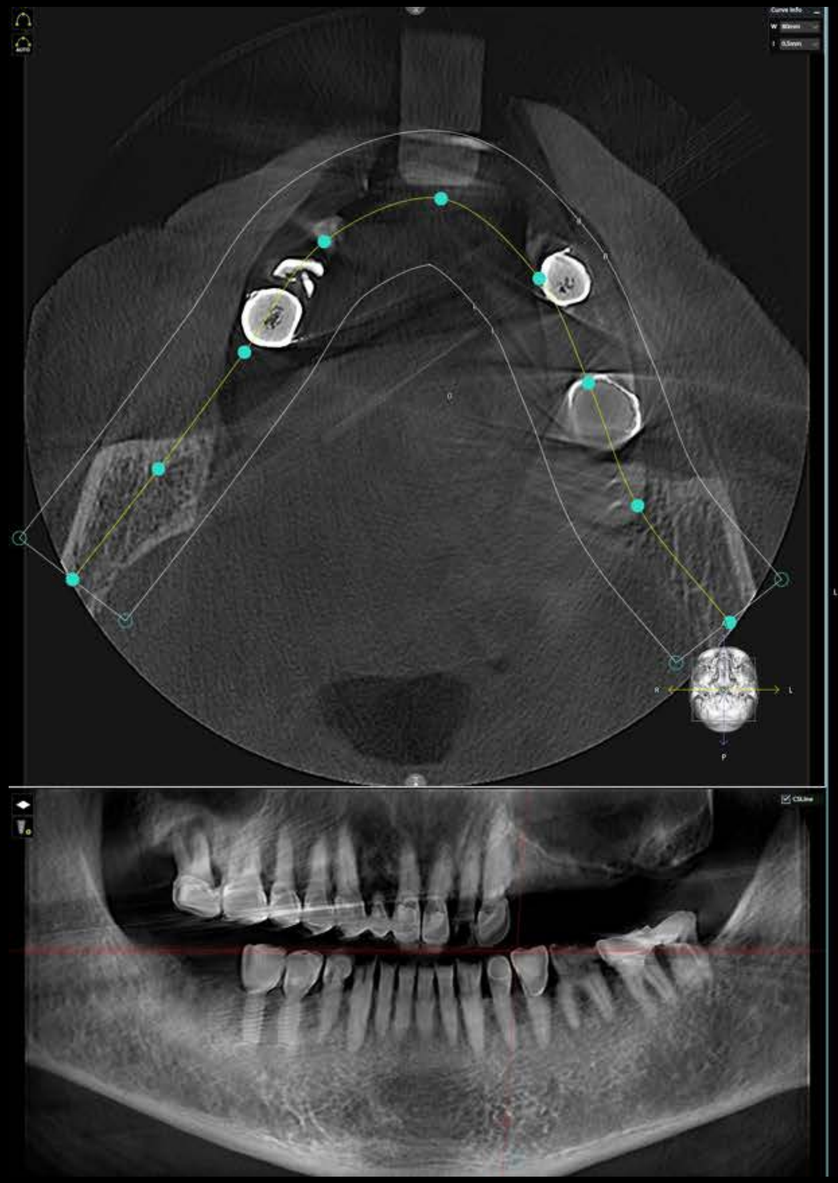
:Remaining bone 1~3 mm



Pre-op (2022-05-11)

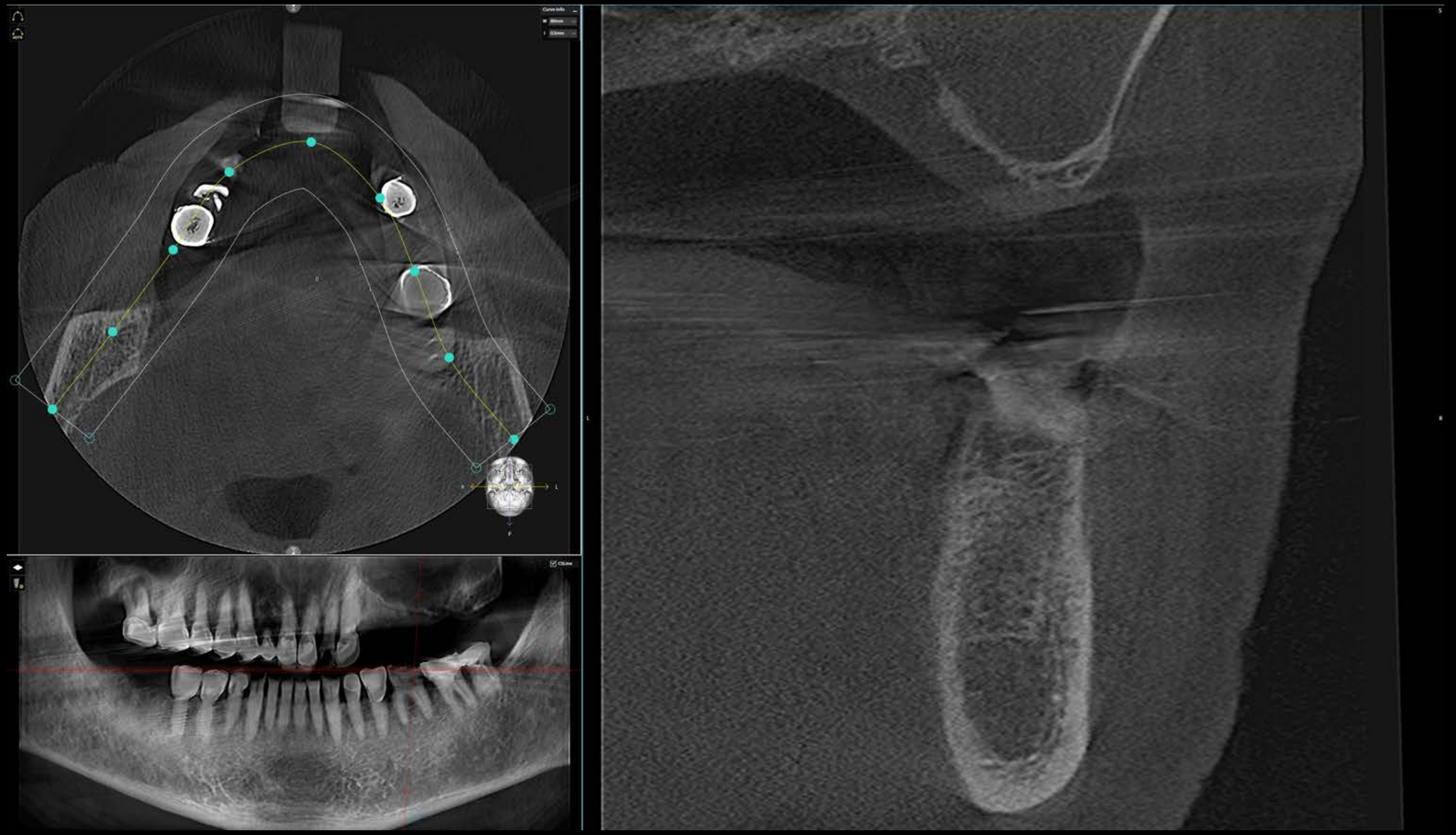


#24 Pre-op CT (2022-05-11)





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



Post-op CT (2022-05-11)

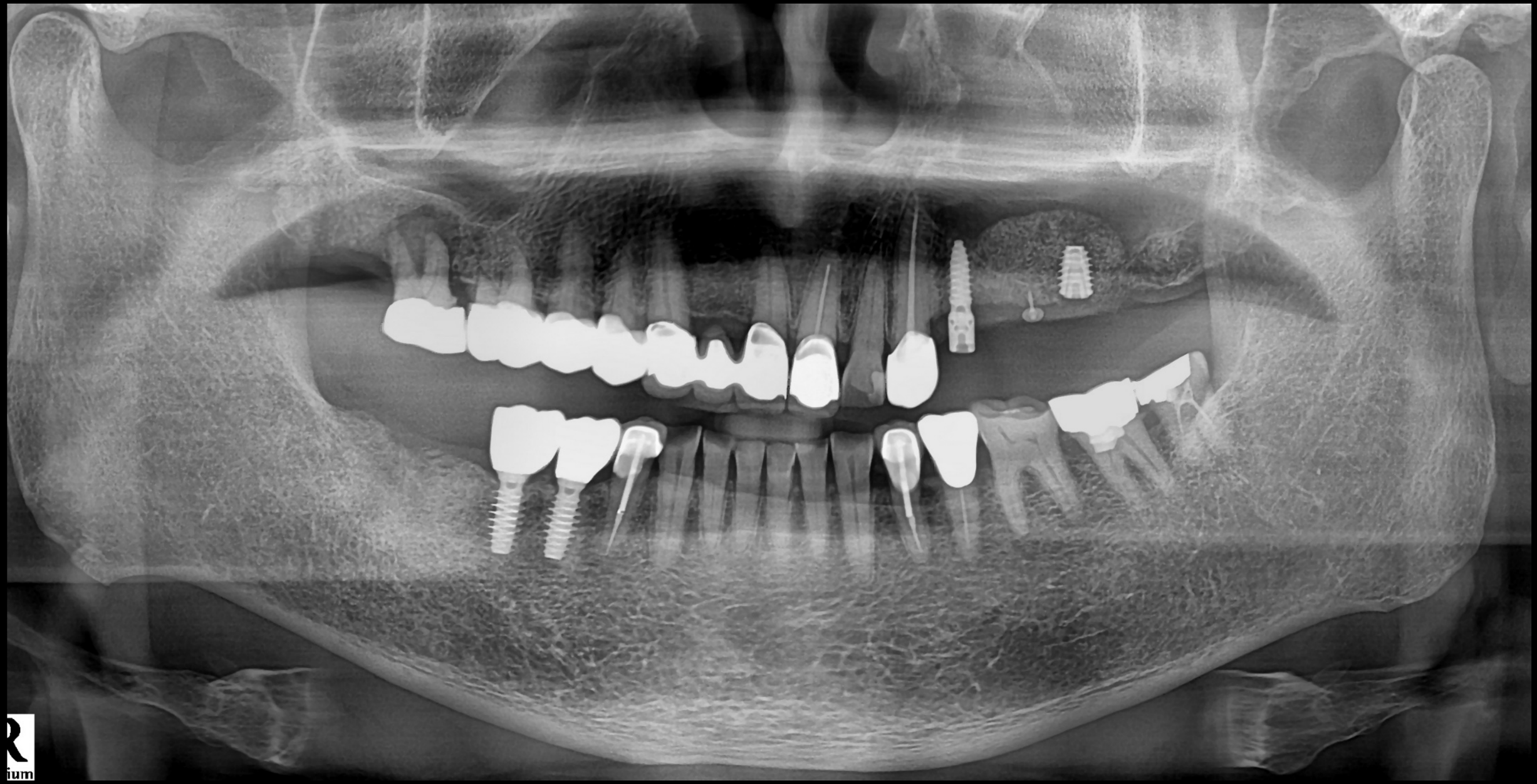


#24

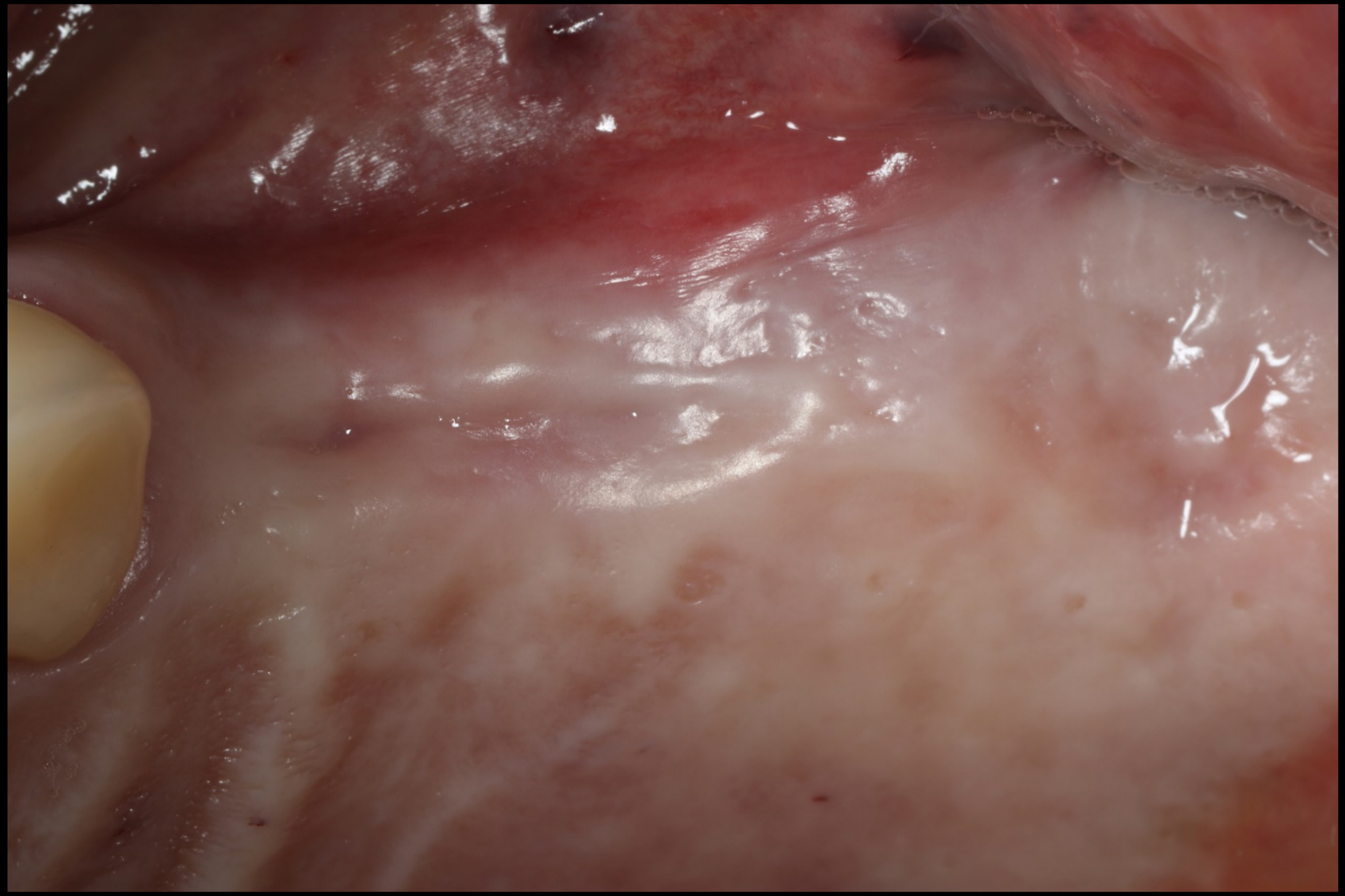


#26

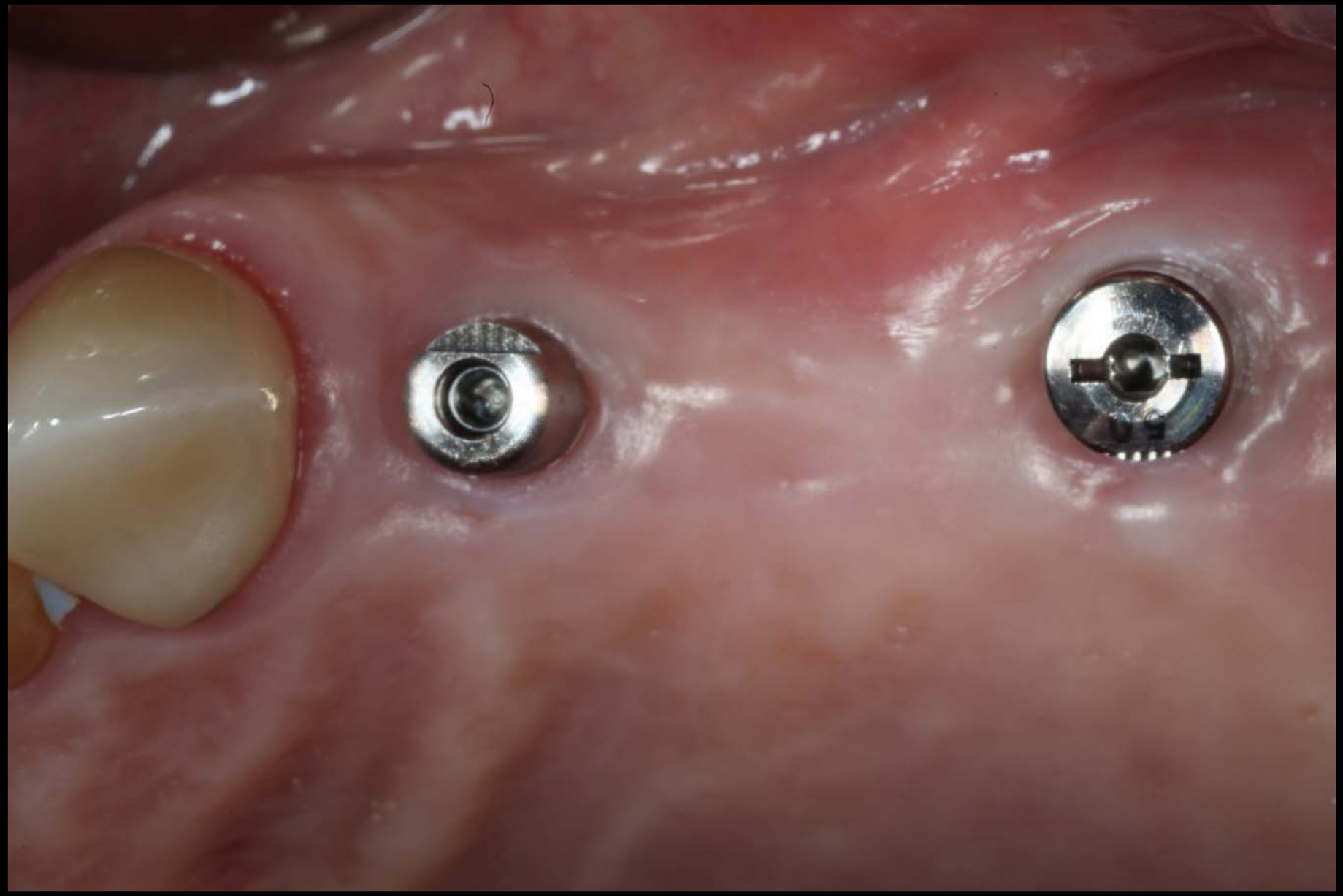
Post-op (2022-05-18)



Pre-op (2022-05-11)



Final impression (2023-02-02)



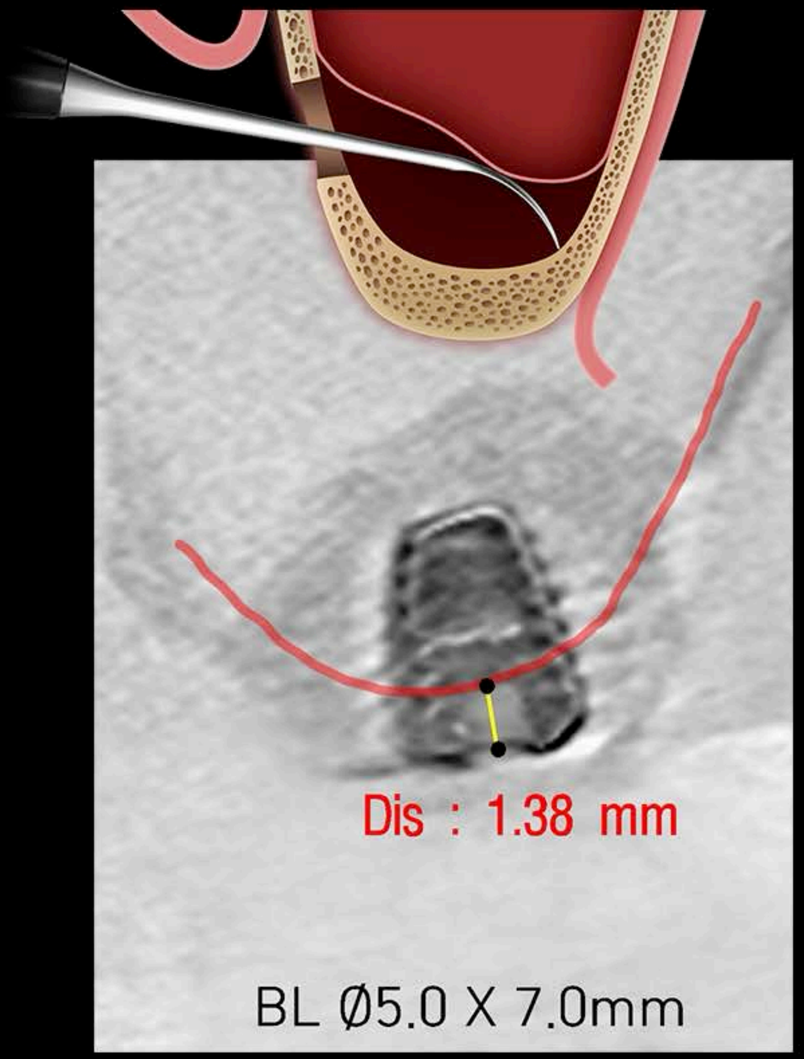
Final prosthesis (2023-02-16)











Hands-on guide

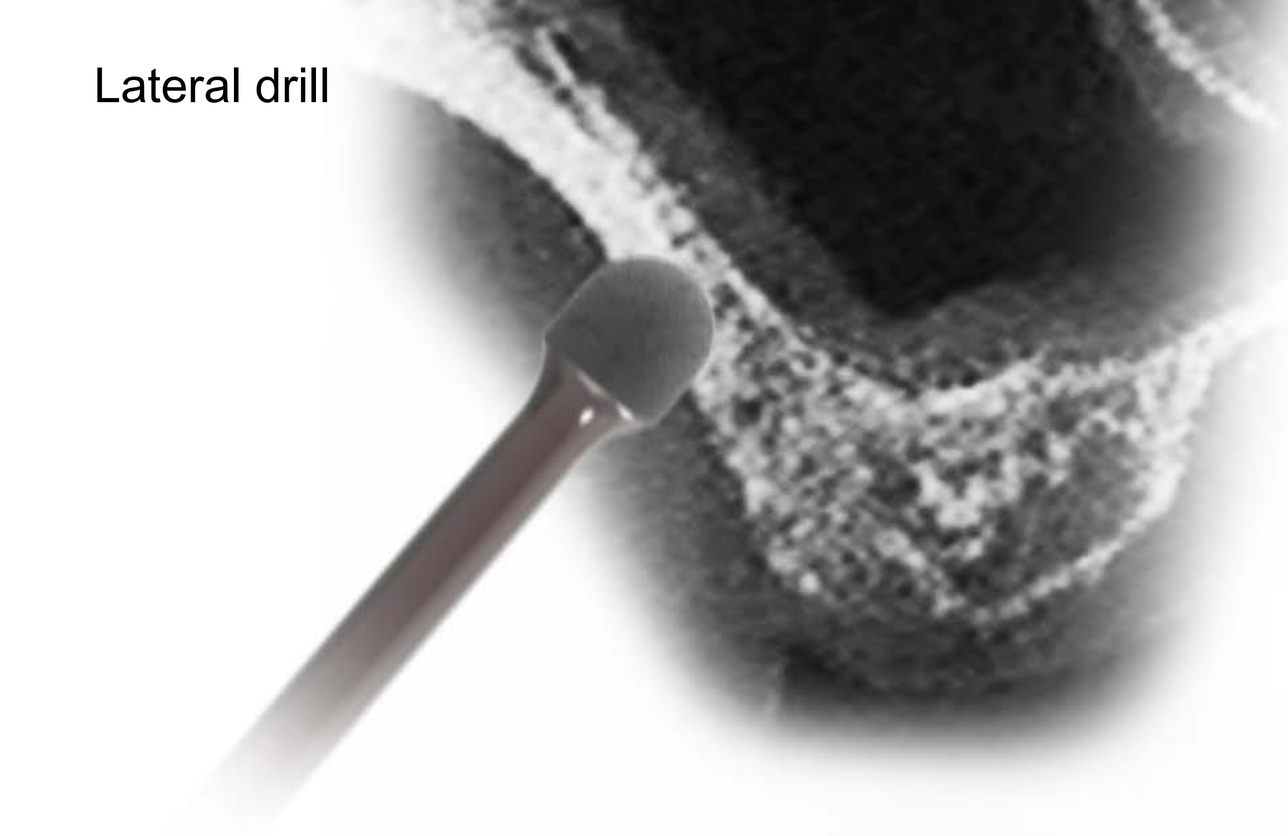
DASK *Simple*

Lateral approach

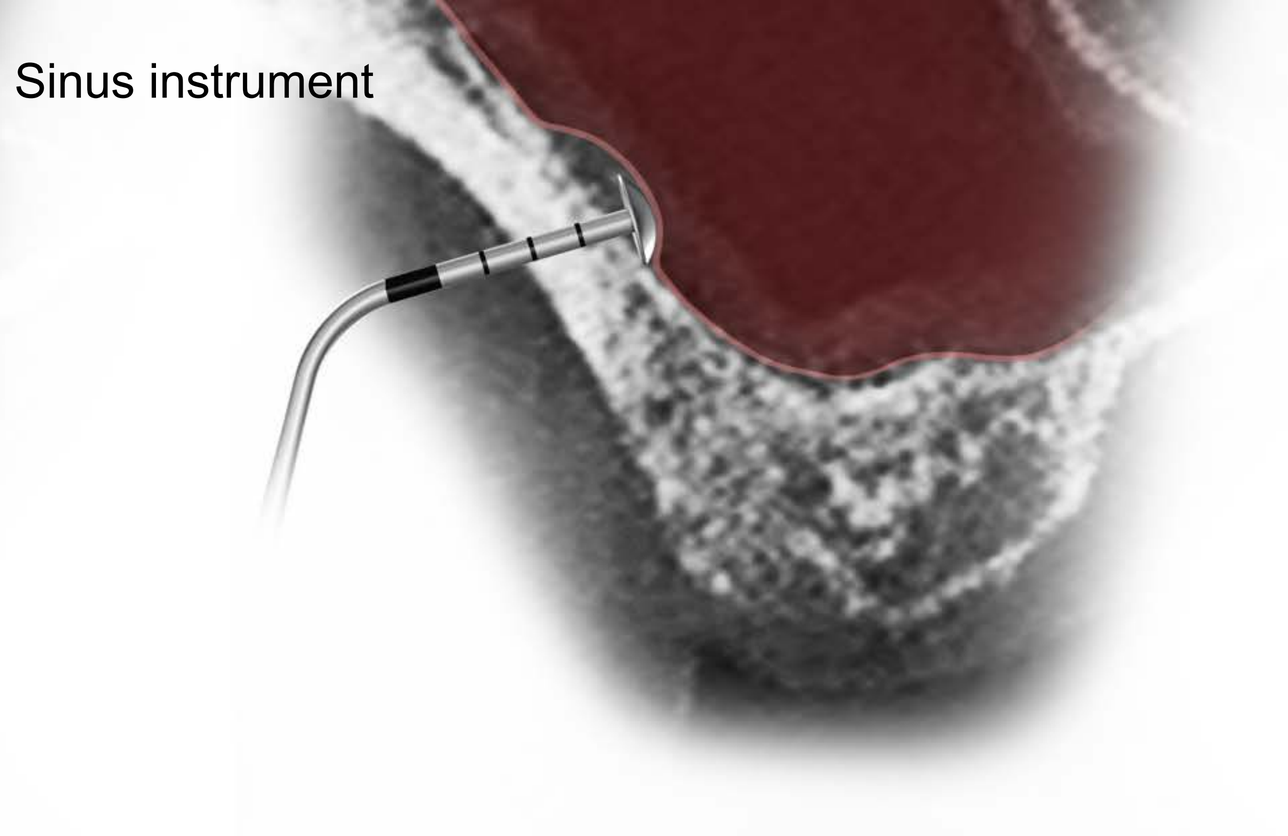


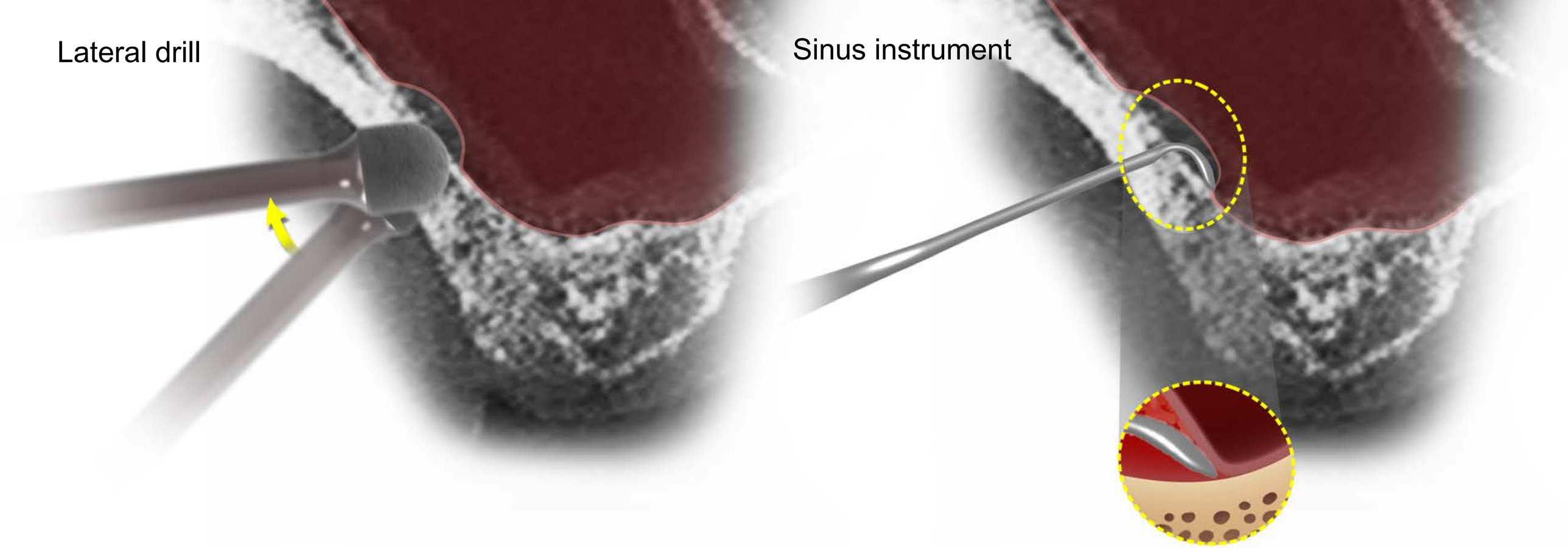


Lateral drill

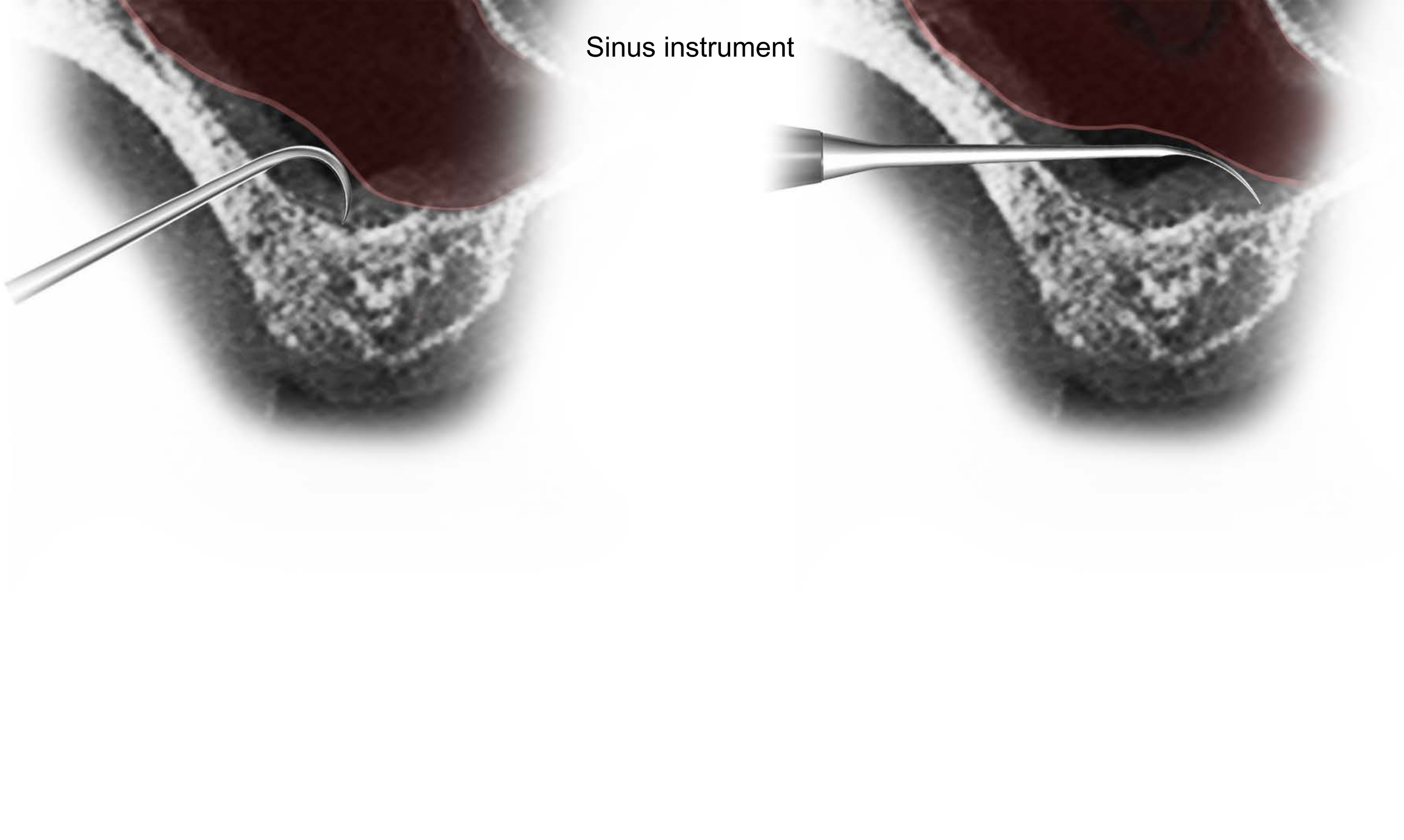


Sinus instrument




Lateral drill
Sinus instrument

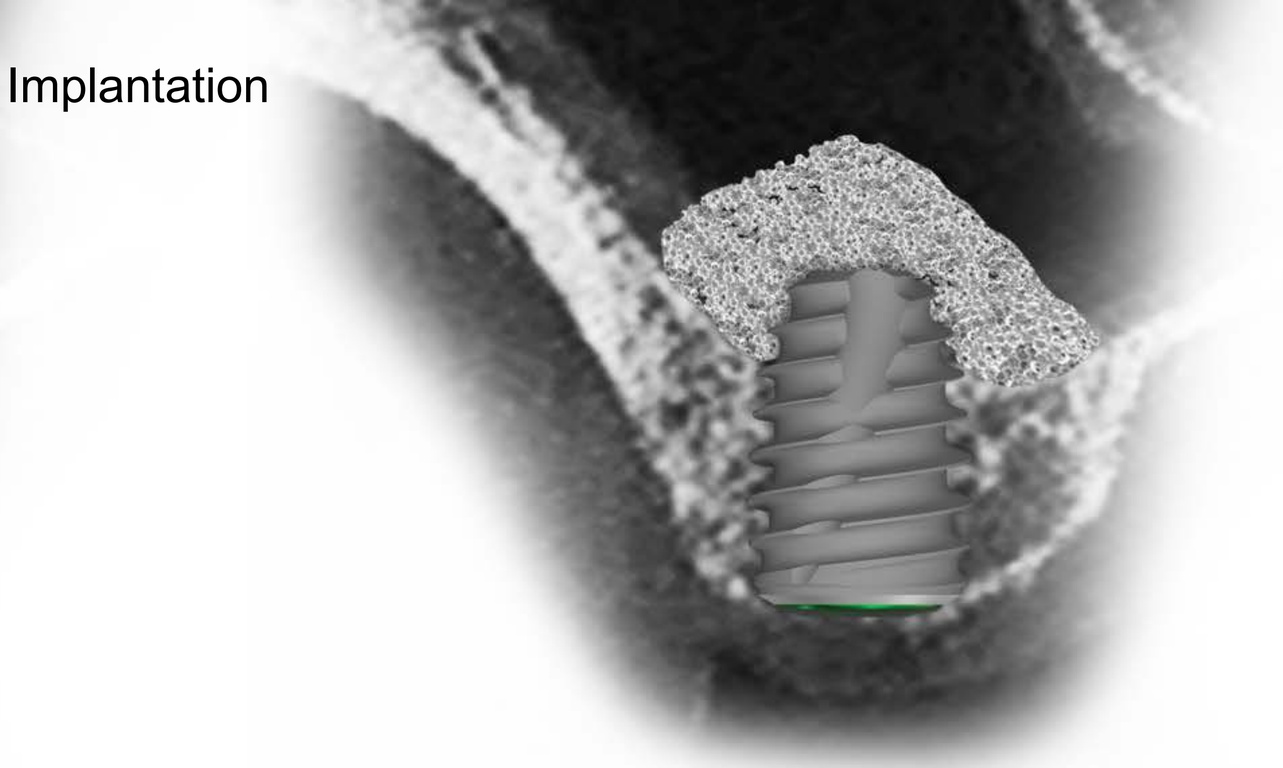
Sinus instrument

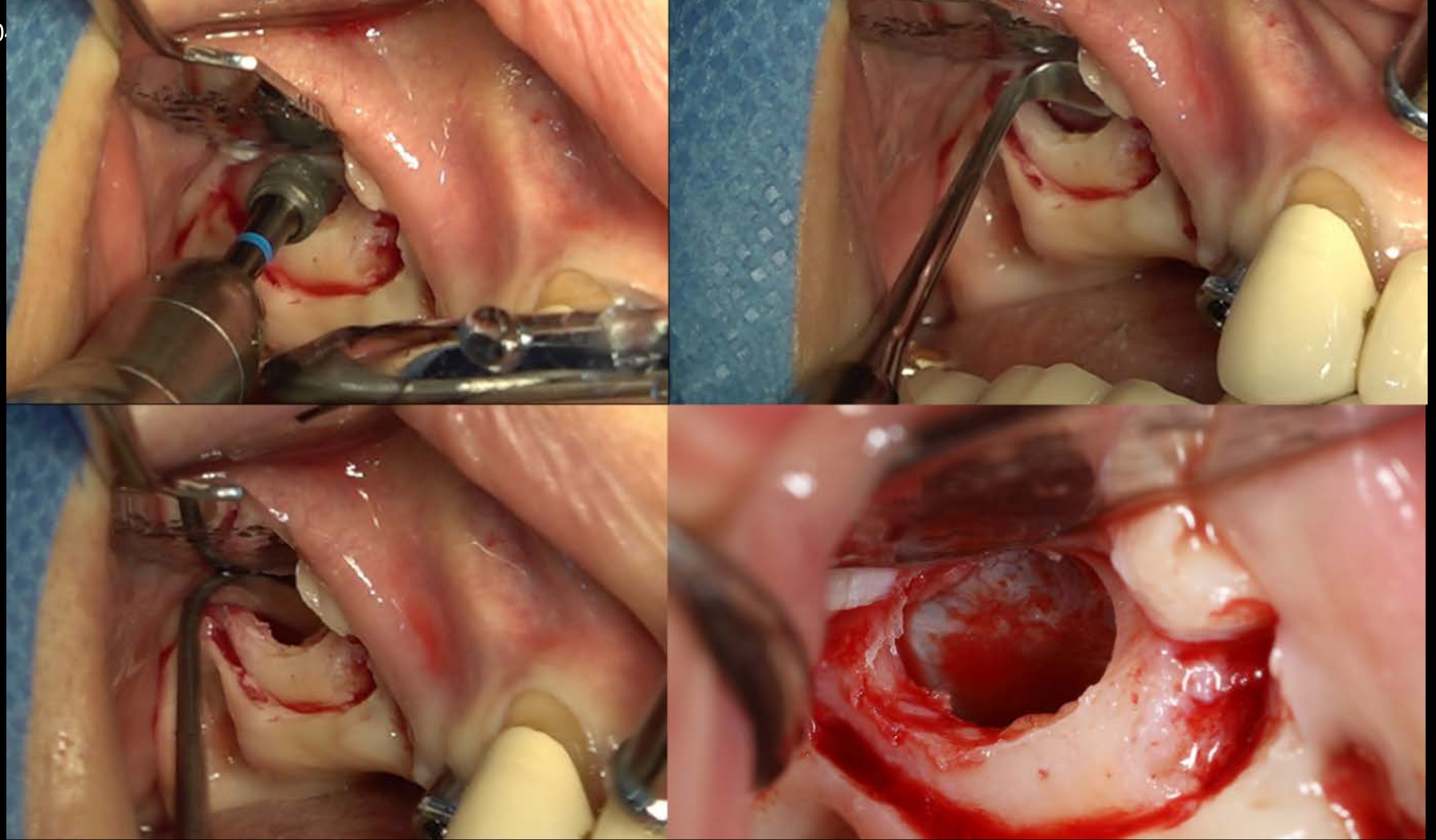


OSTEON™ 3 Collagen

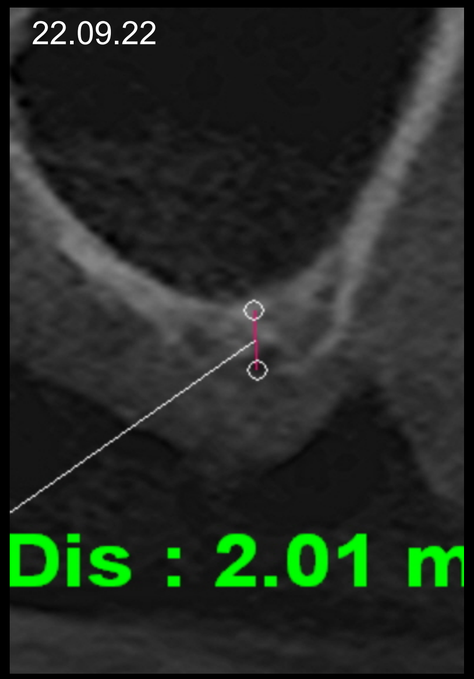


Implantation

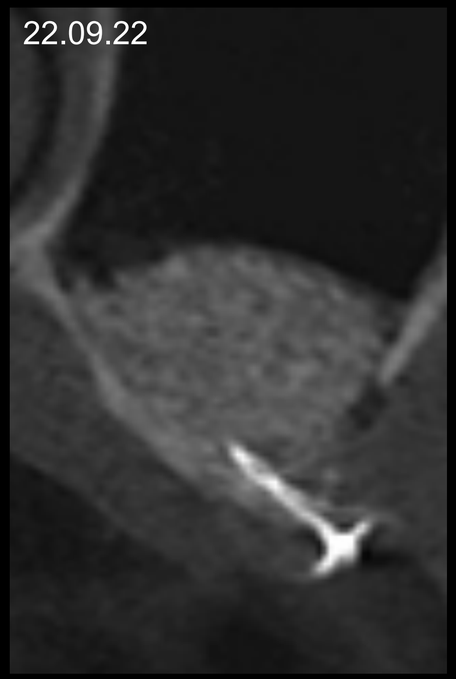




04. Clinical case review_Lateral approach



Pre-op



Post-op



Healing
1 week



Healing
4 months

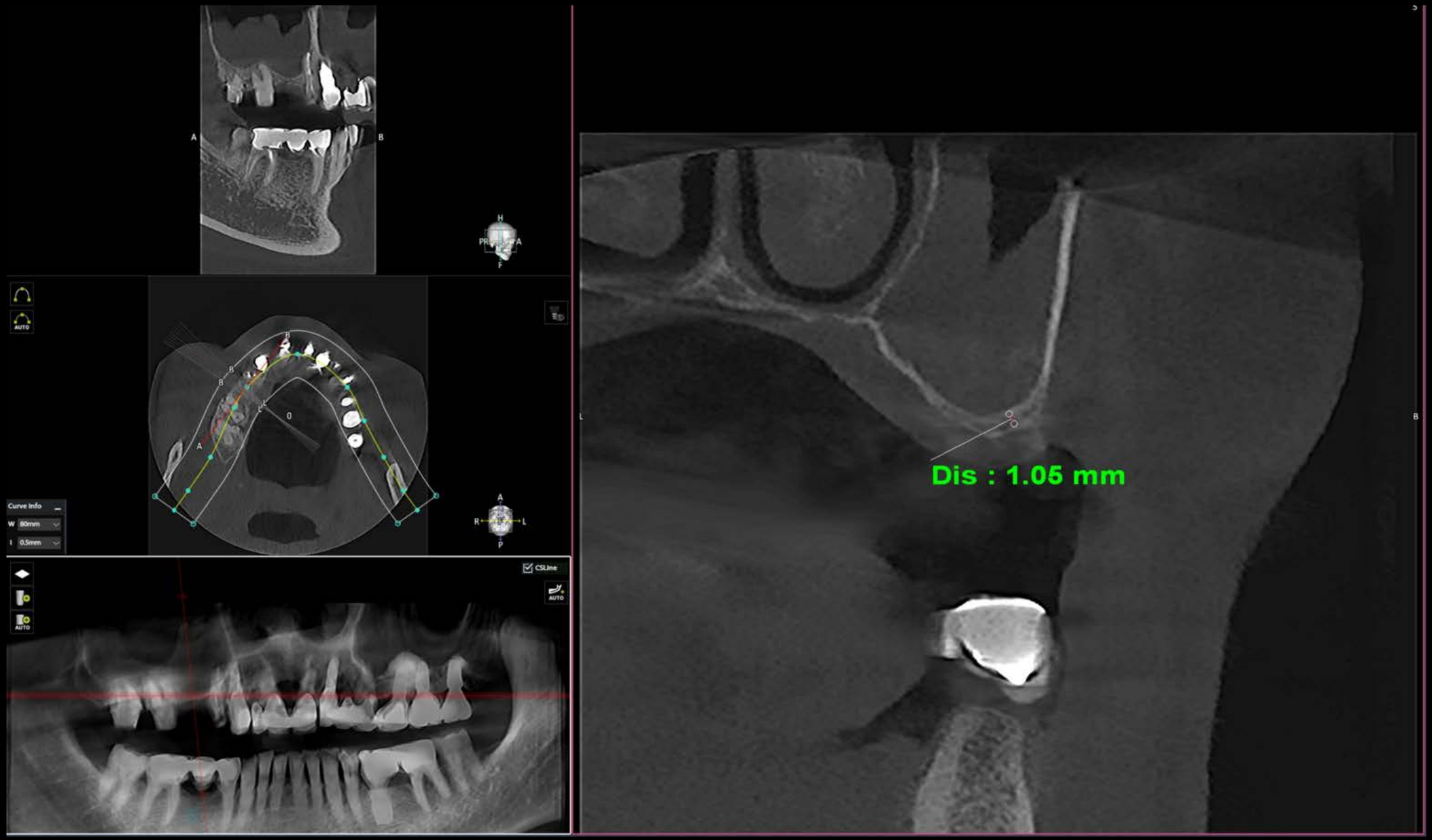


bright TL(Ø4.0 X 7.0)

Oral-exam (2022-07-20)



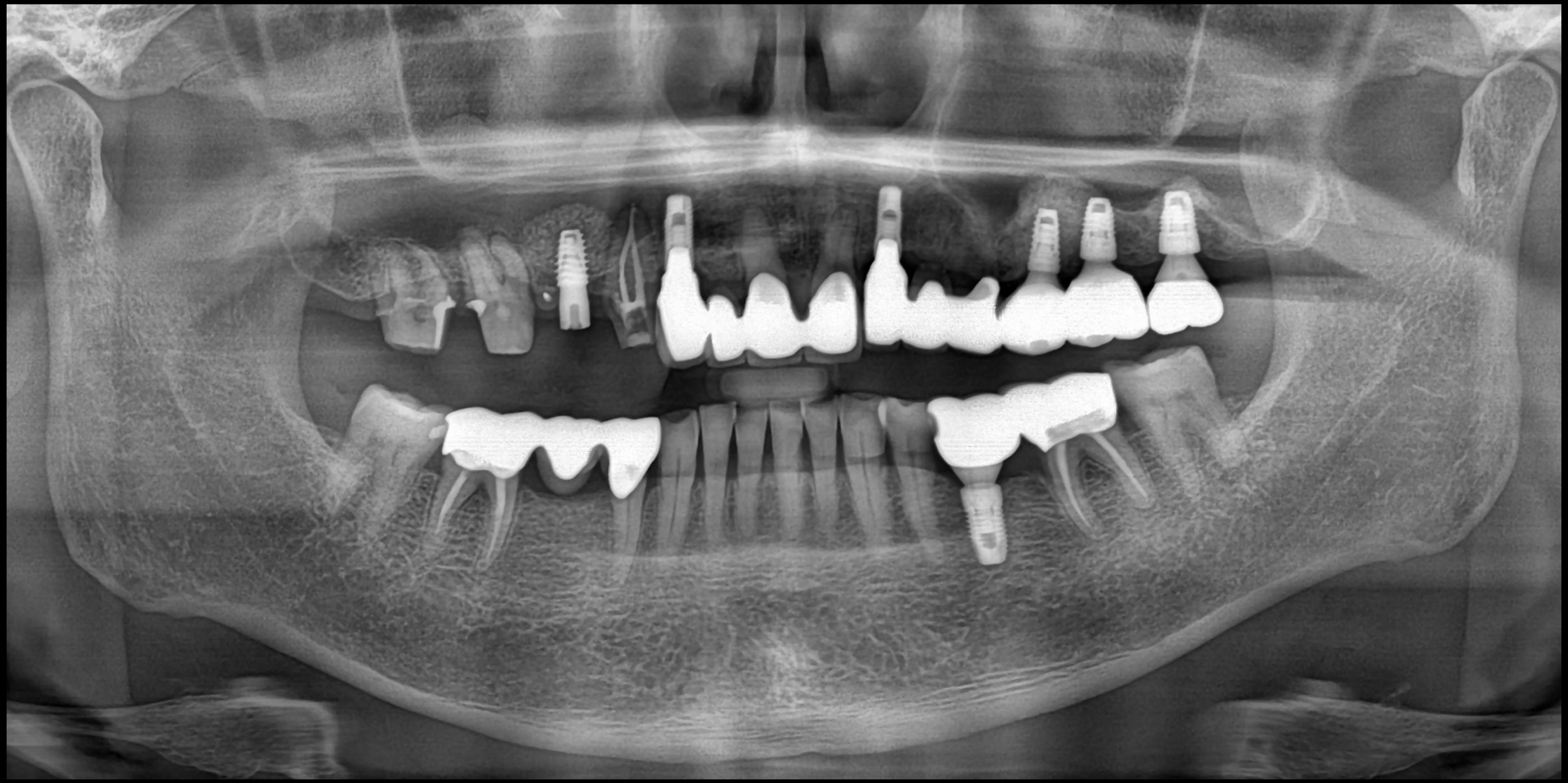
Pre-op CT (2023-06-14)



Post-op CT (2023-06-14)



Post-op (2023-06-14)



Final prosthesis (2023-08-09)



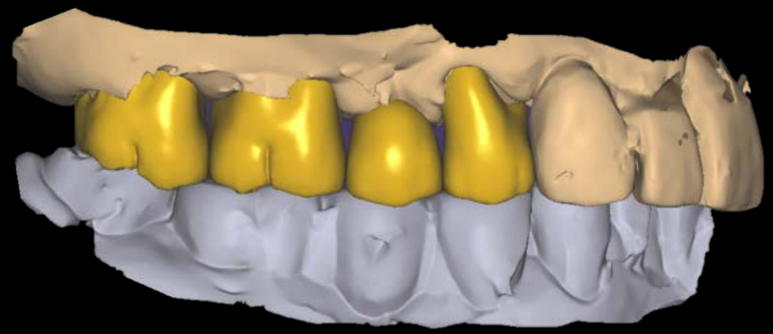


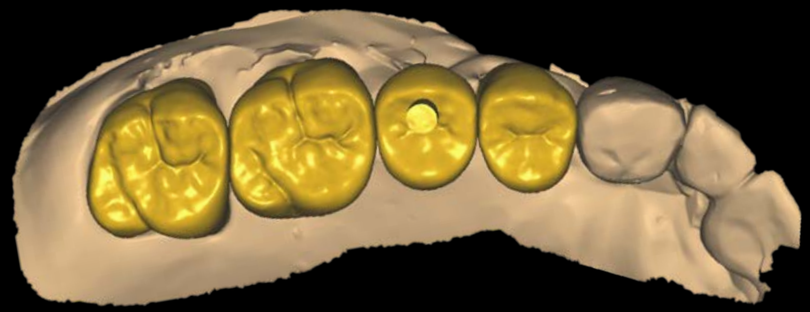


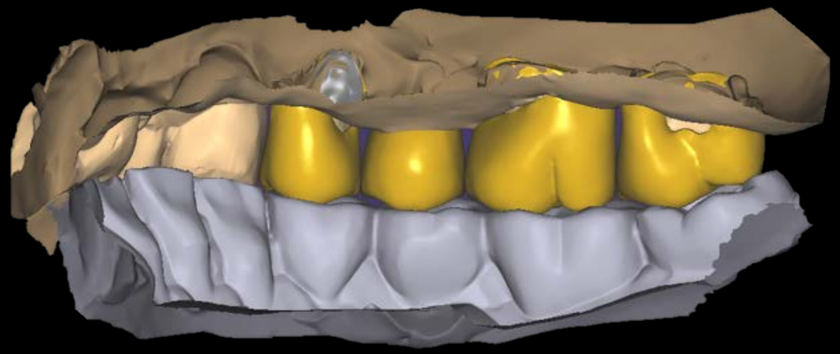
Healing : 1 month (2023-07-19)

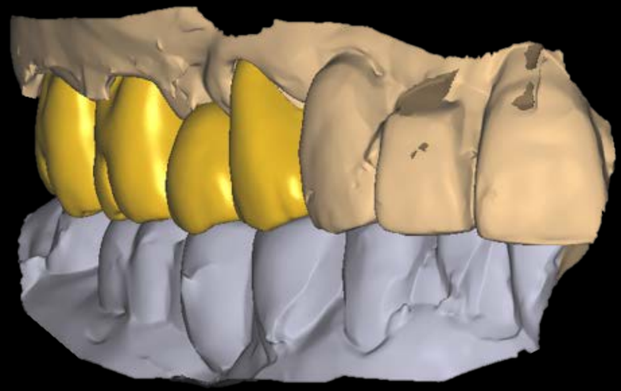


CAD (Final prosthesis)







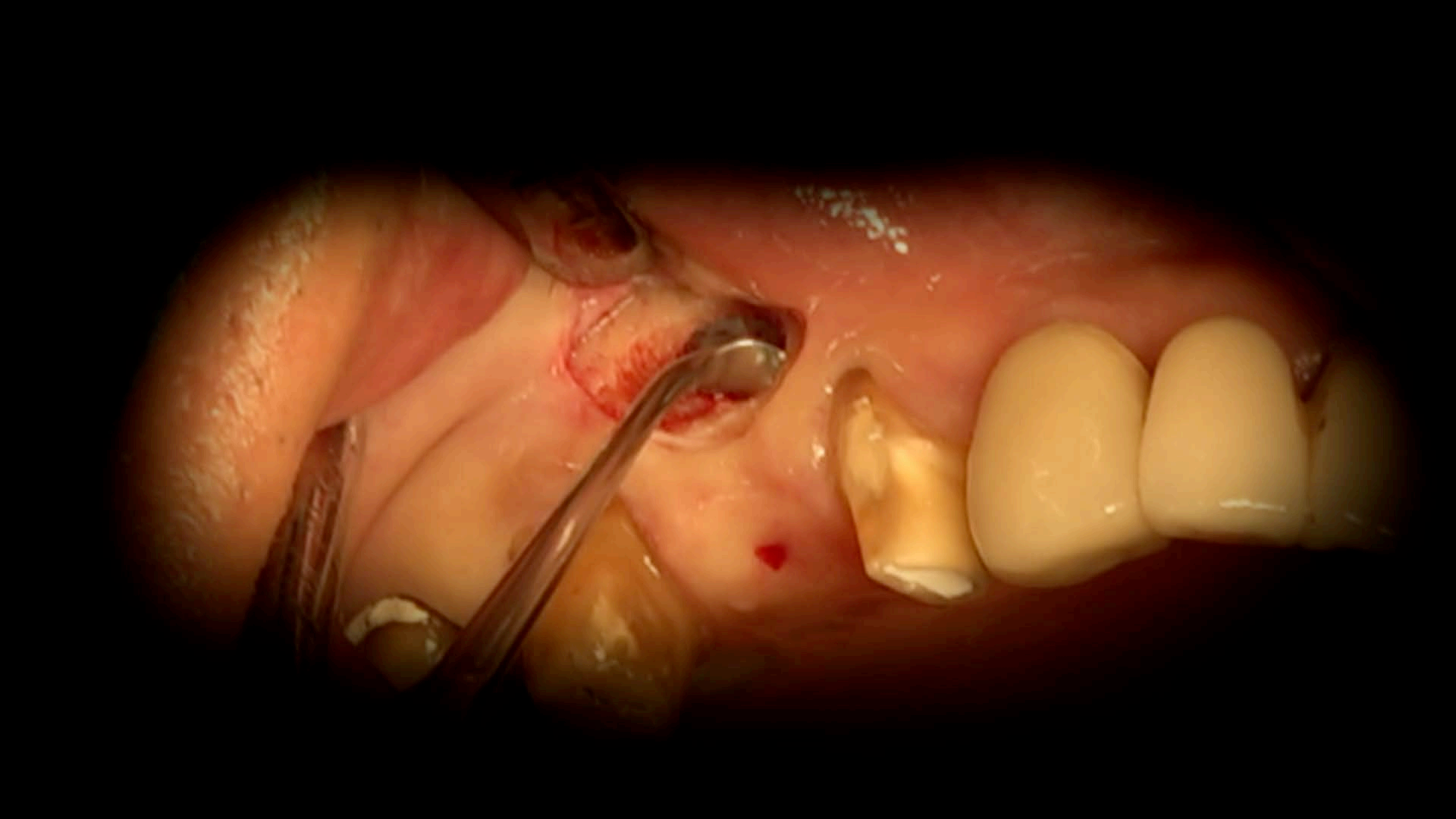


Final prosthesis (2023-08-09)









Under drilling at Soft bone & Sinus Lifting with DASK Simple

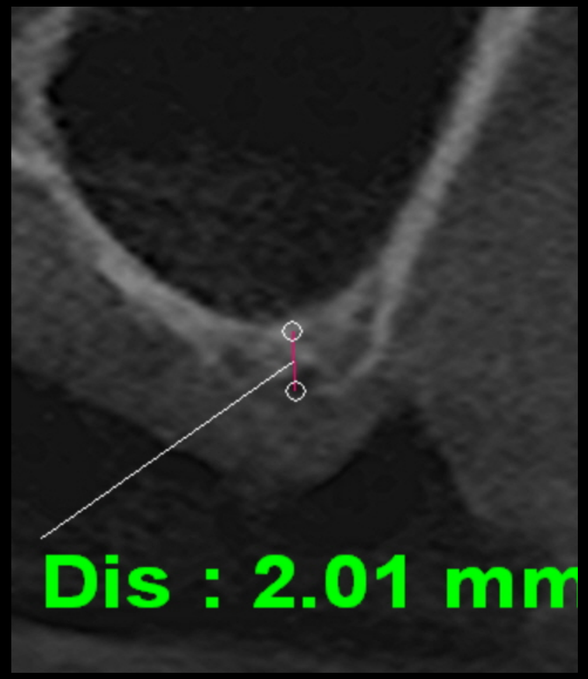
(bright TL, OSTEON™ 3 Collagen, DASK Simple, The Trust)

Pt.1960 / F

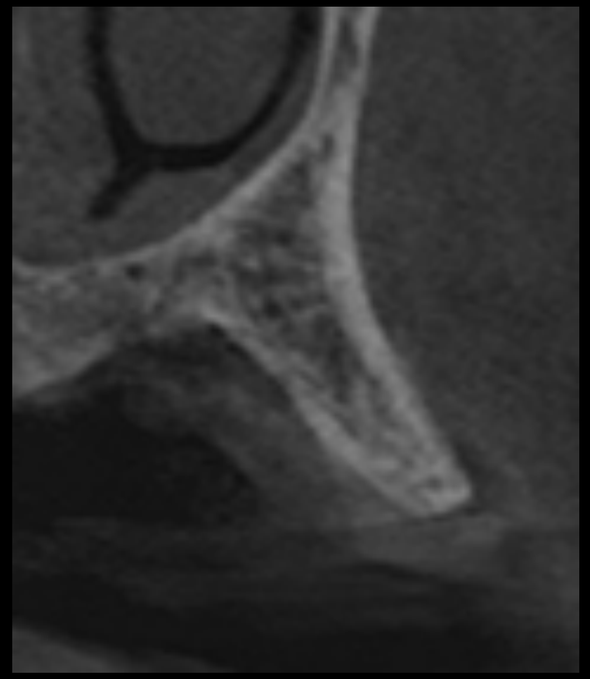
Oral-exam (2022-09-22)



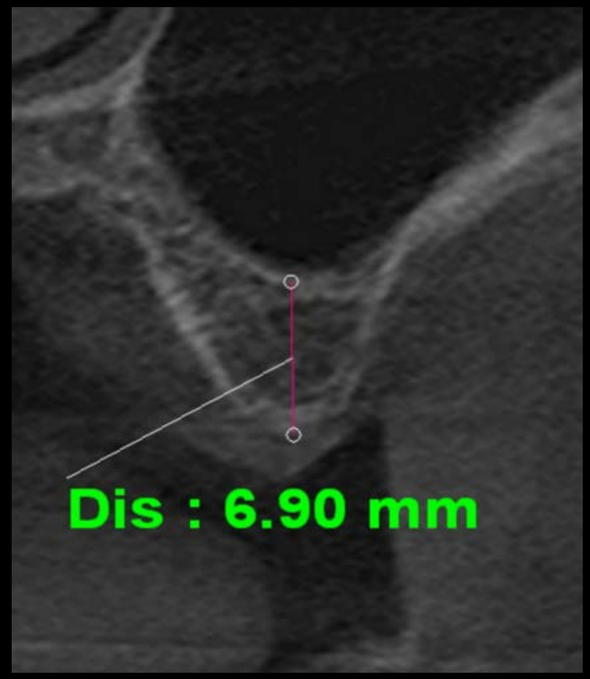
Pre-op CT (2022-09-22)



#10 Sinus



#14



#26

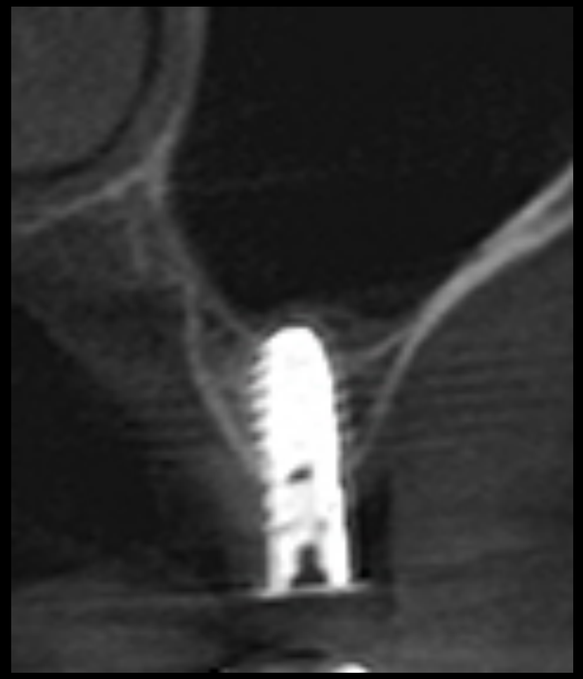
Post-op CT (2022-09-22)



#10 Sinus

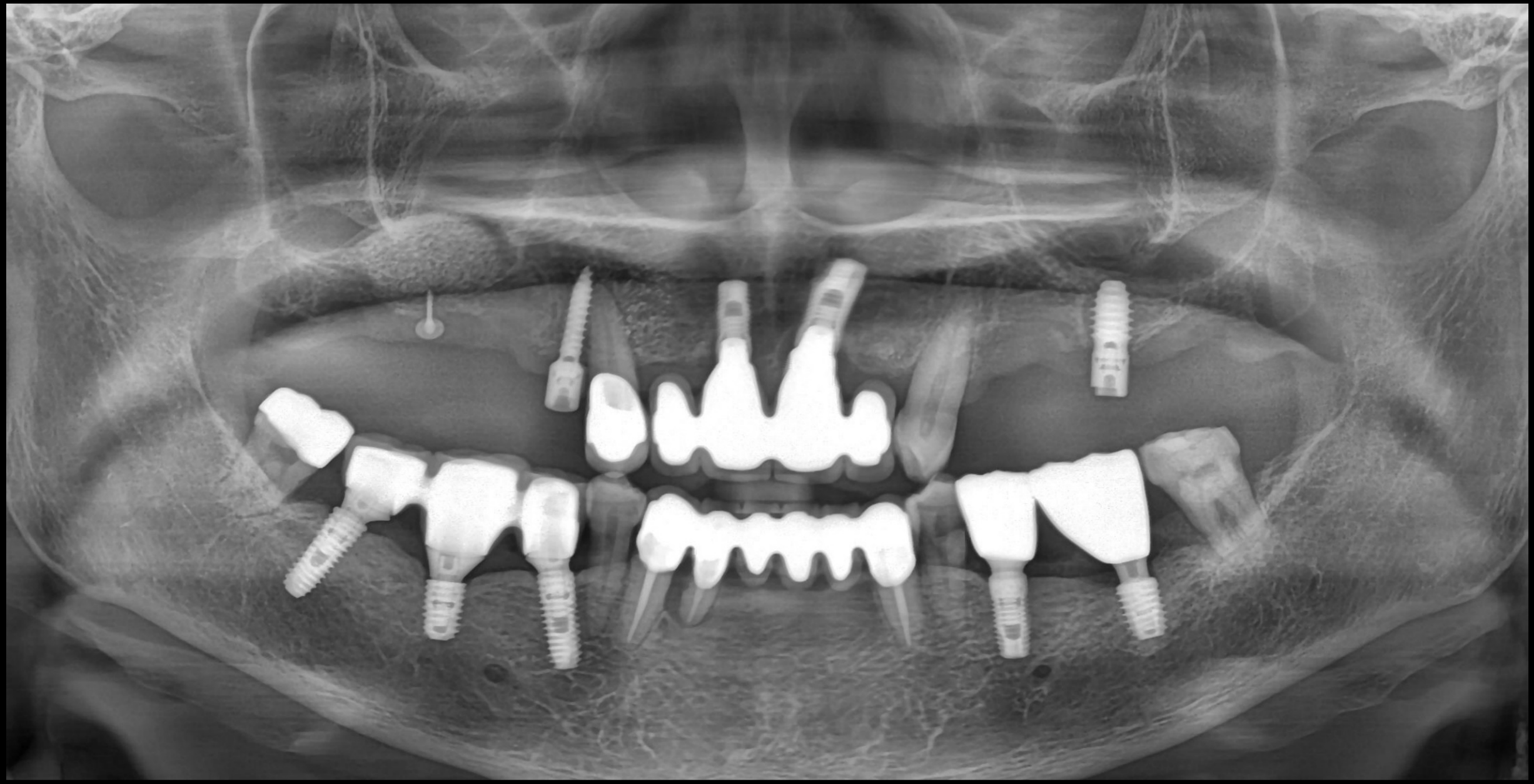


#14

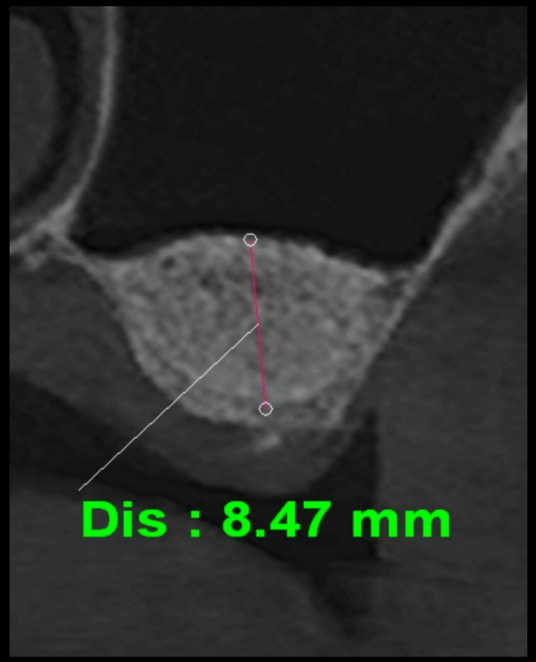


#26

Pre-op (2022-10-13)



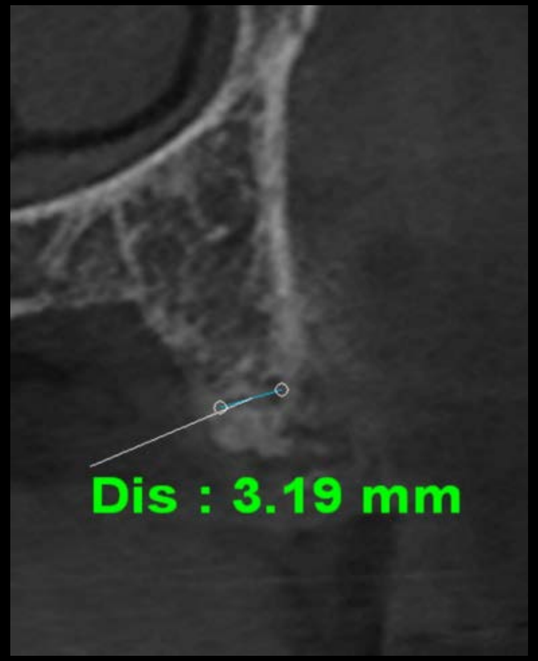
Pre-op CT (2023-01-25)



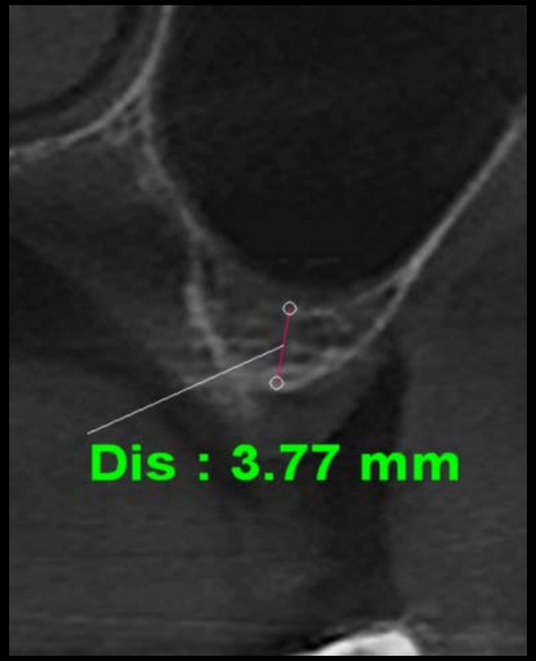
#17



#16



#24

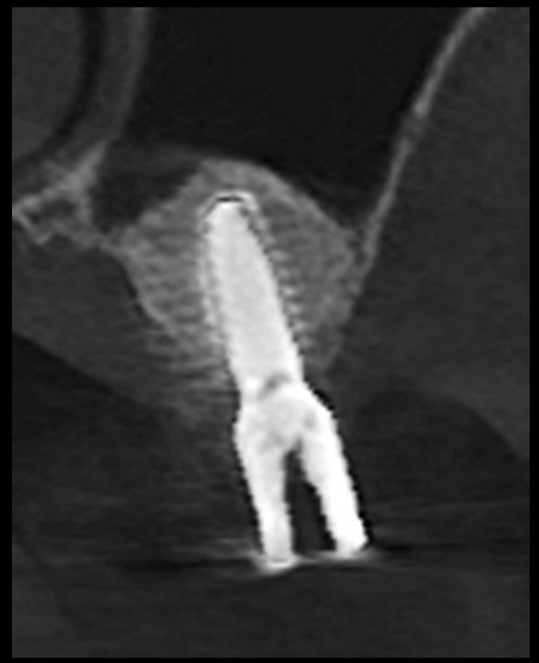


#27

Post-op CT (2023-01-25)



#17



#16

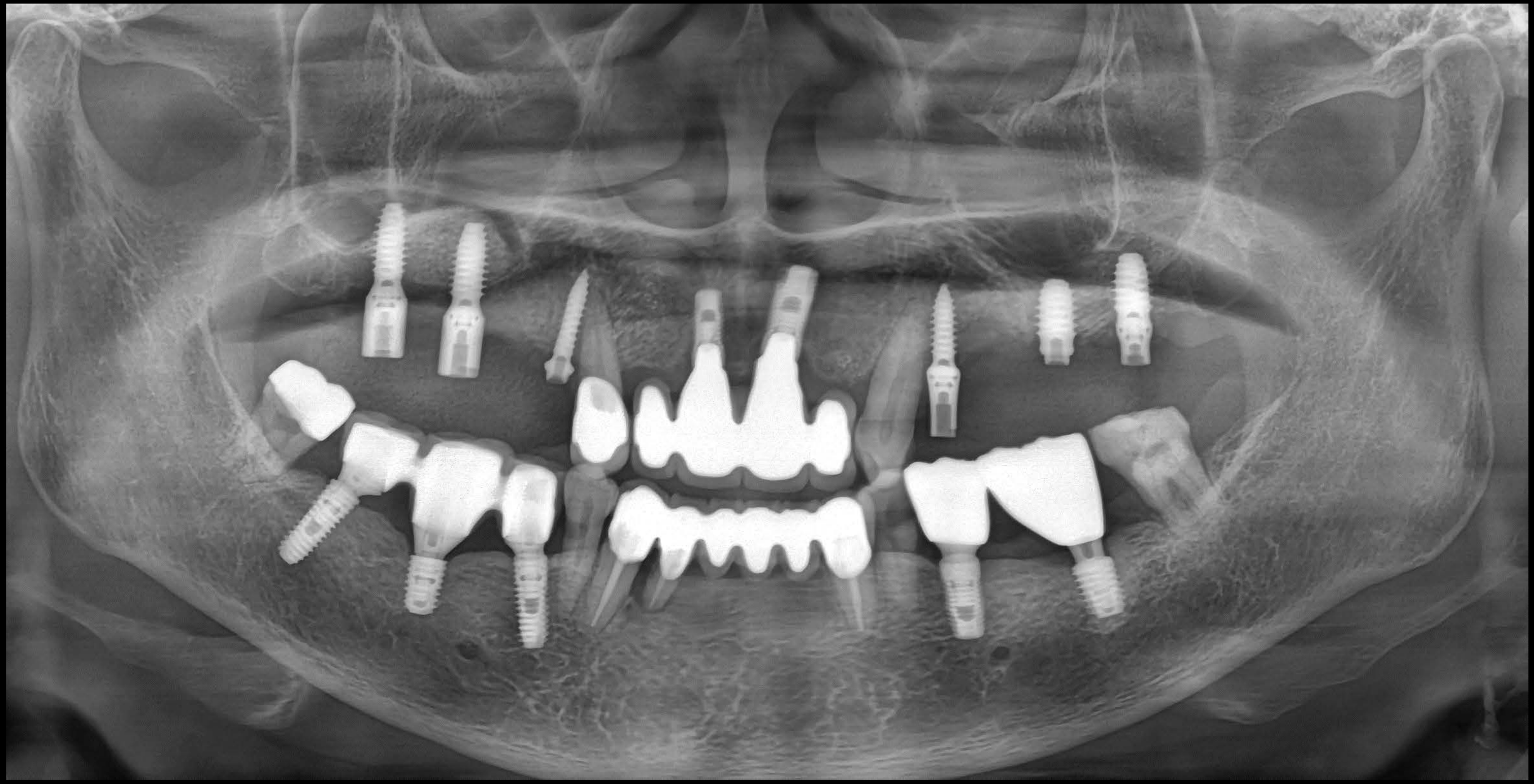


#24



#27

Post-op (2023-01-25)



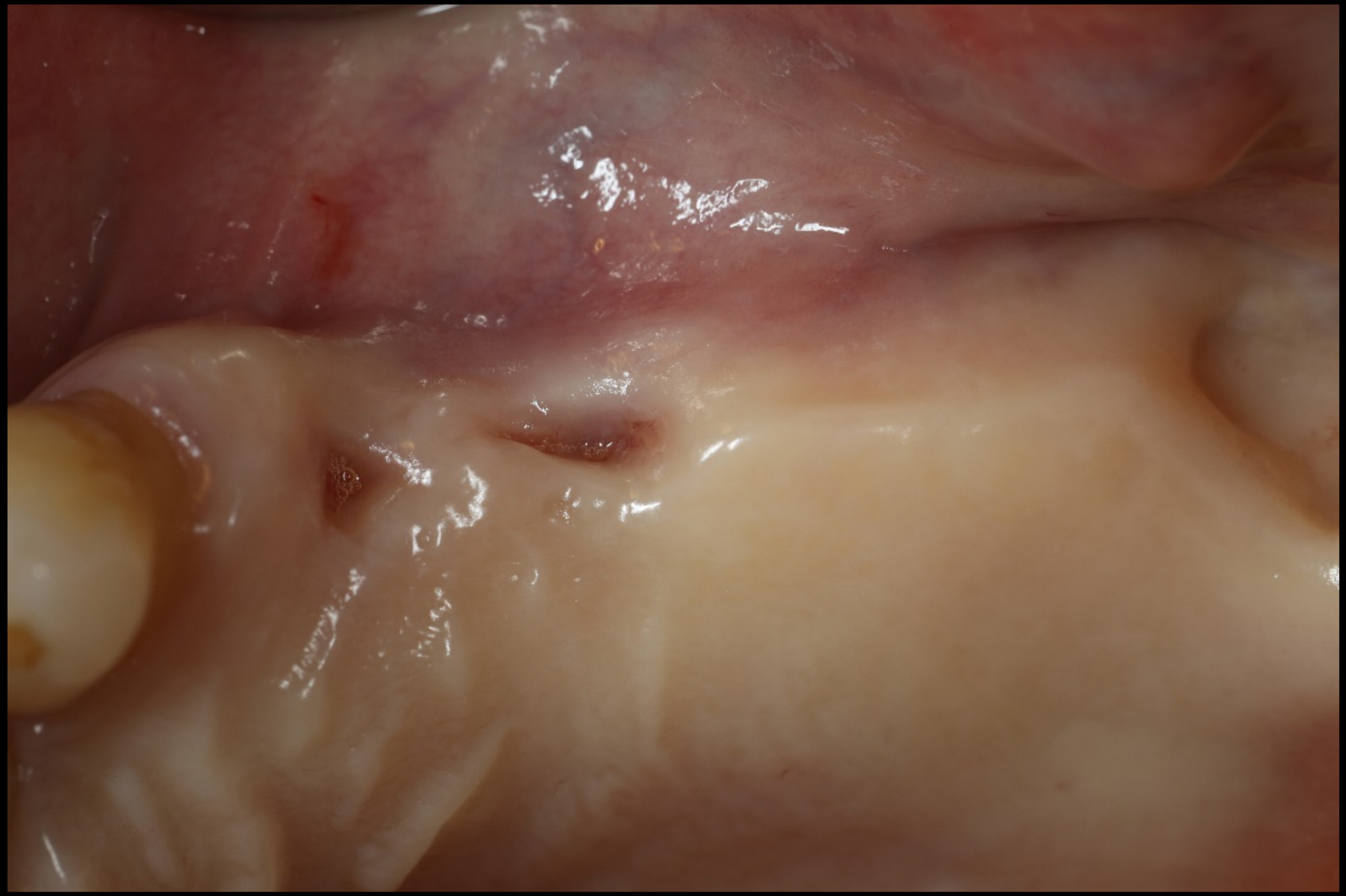
Final prosthesis (2023-06-15)



Follow up 7 months (2023-12-08)



Pre-op (2022-09-22)



Surgery (2022-09-22)



Incision

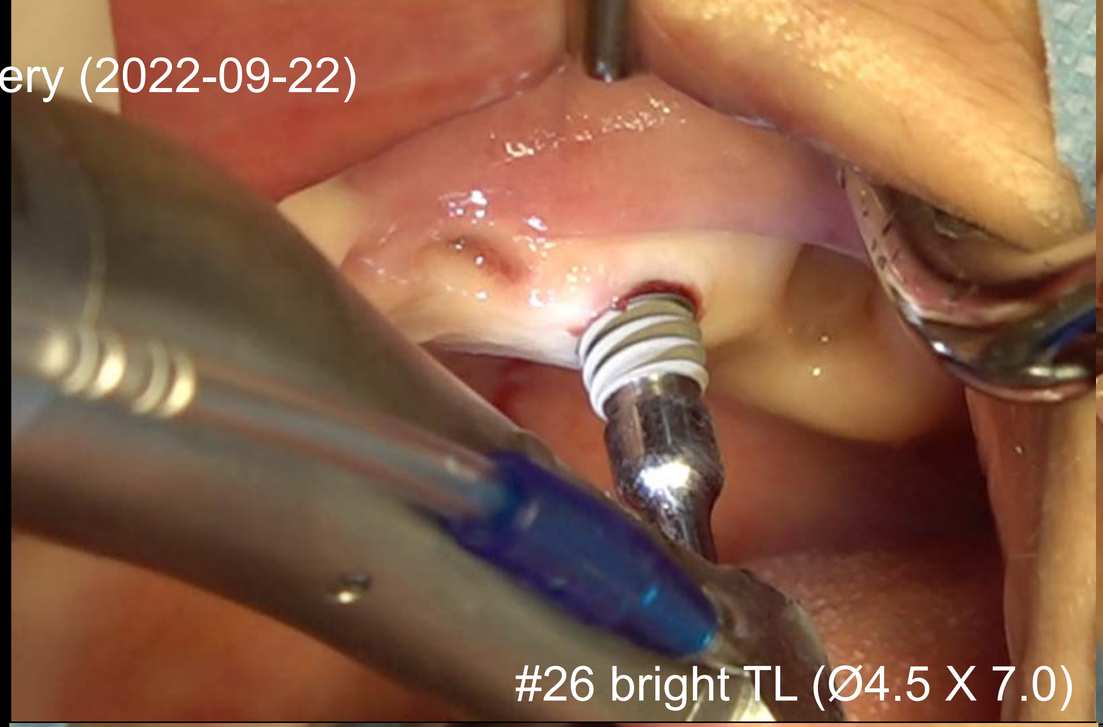




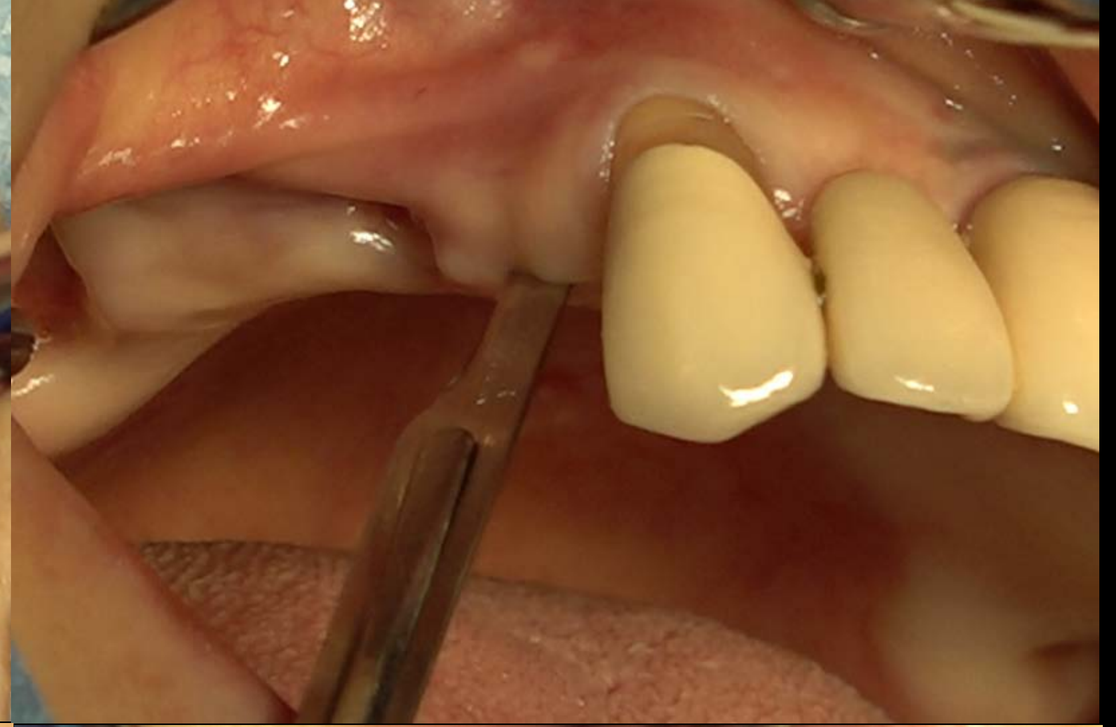
Parallel pin



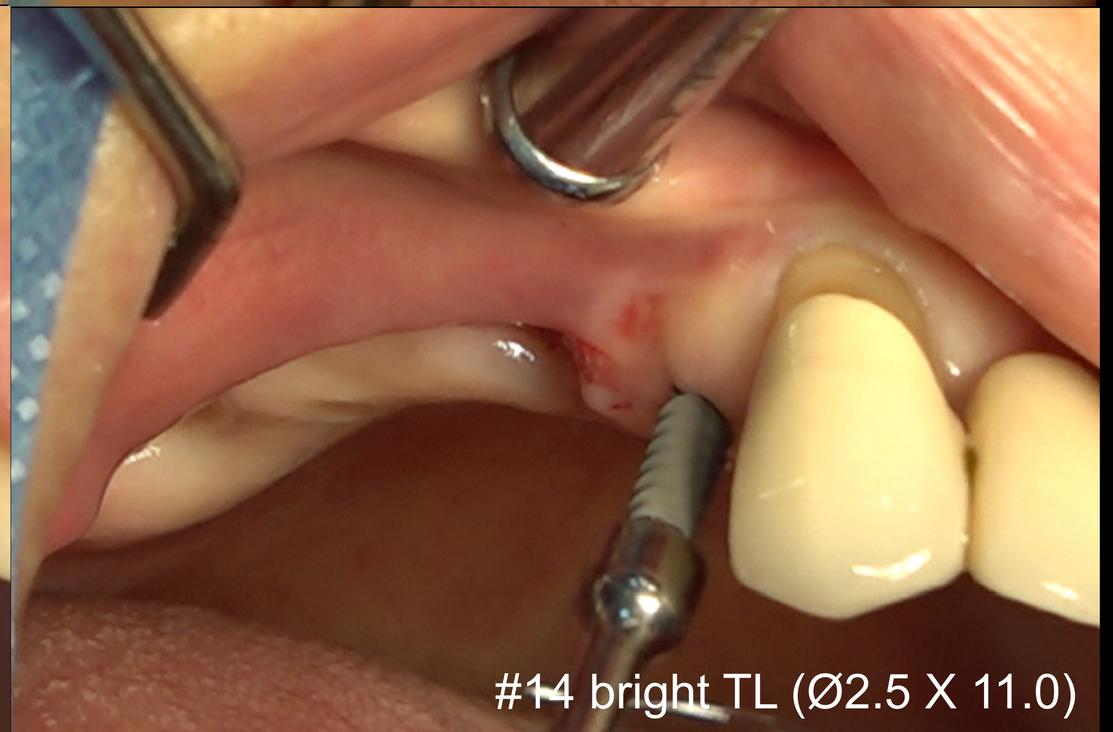
Surgery (2022-09-22)



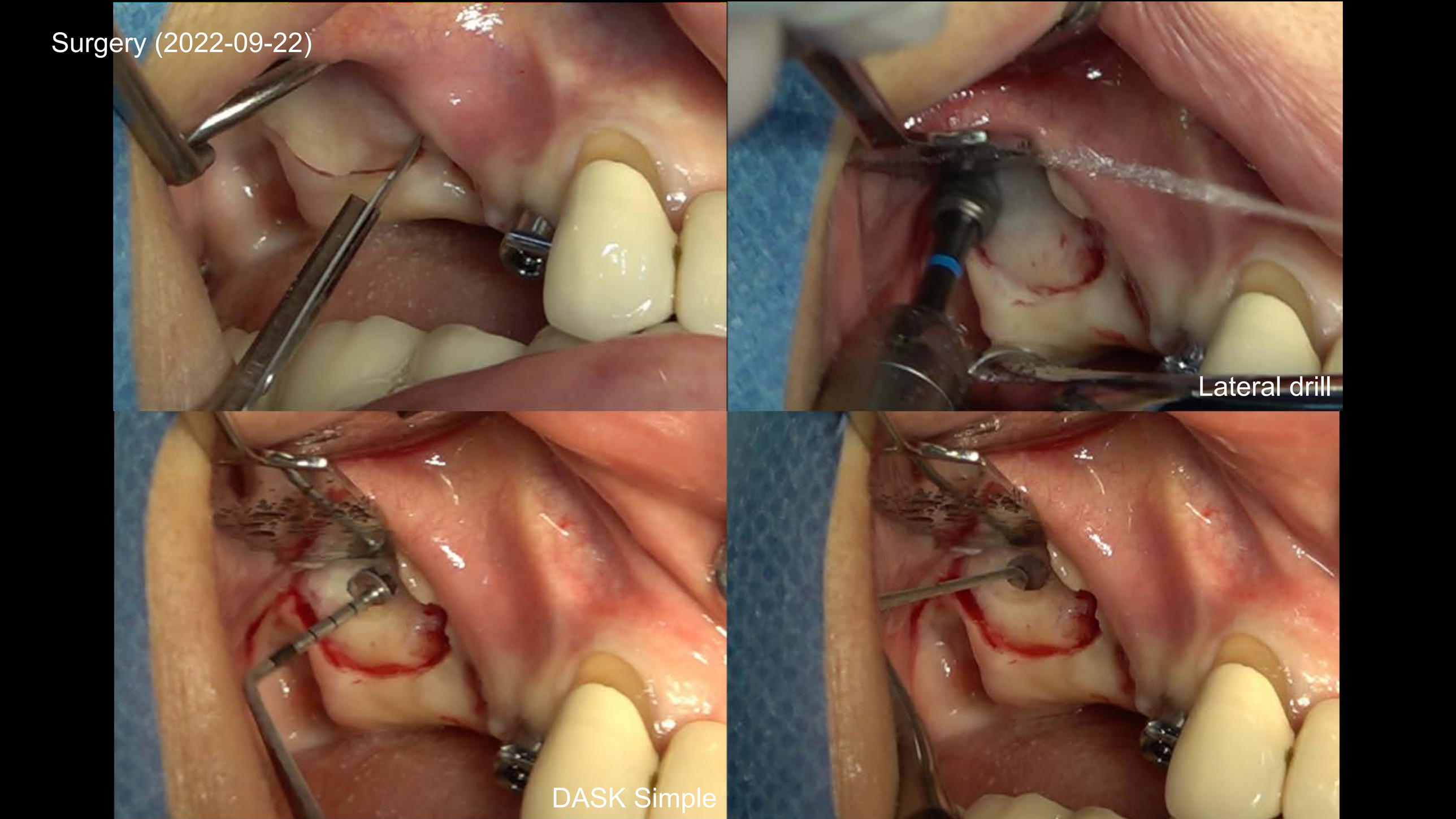
#26 bright TL (Ø4.5 X 7.0)





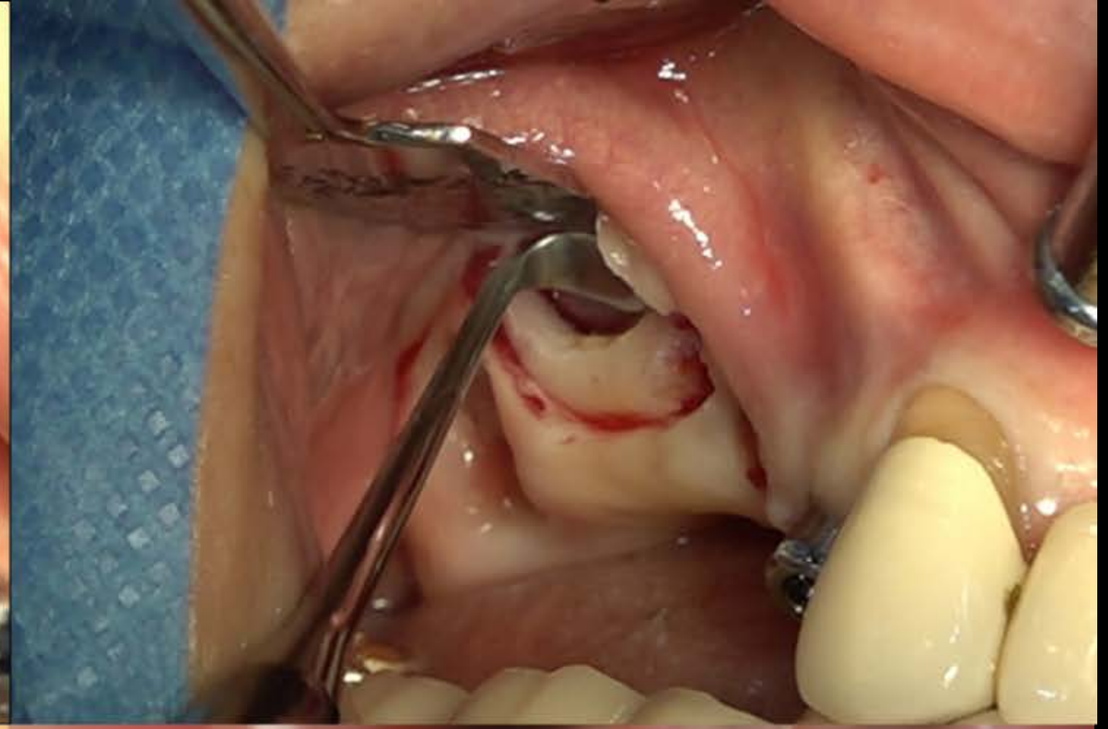


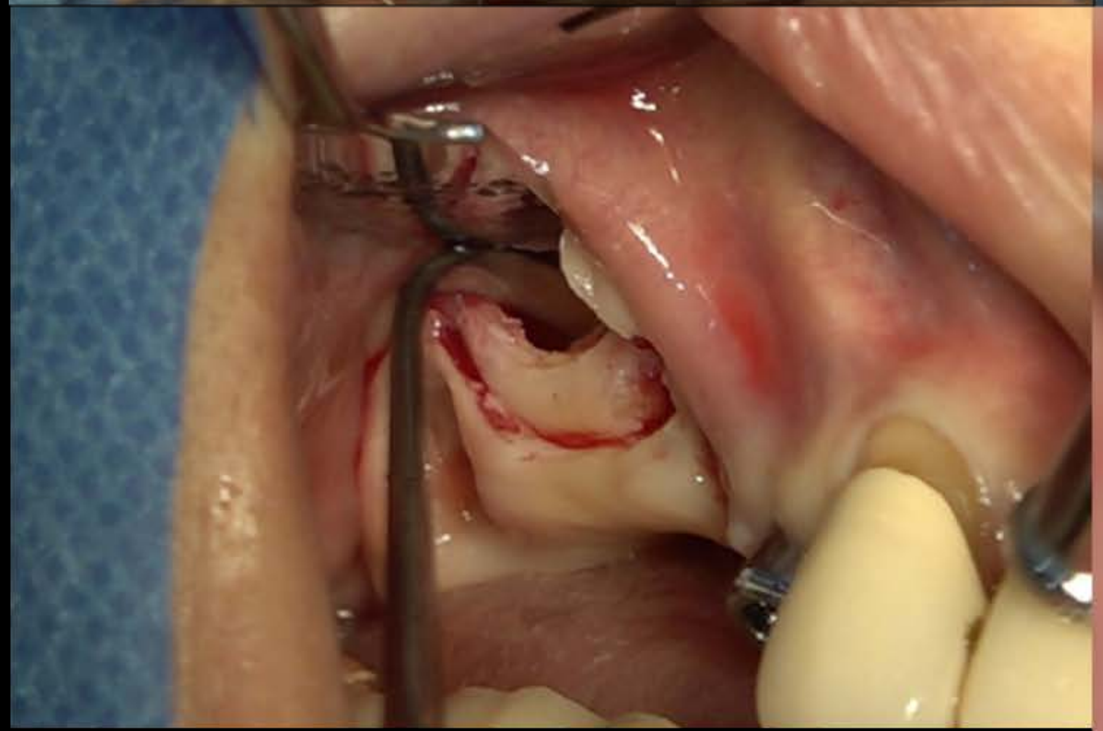
#14 bright TL (Ø2.5 X 11.0)


Surgery (2022-09-22)
Lateral drill
DASK Simple

Surgery (2022-09-22)







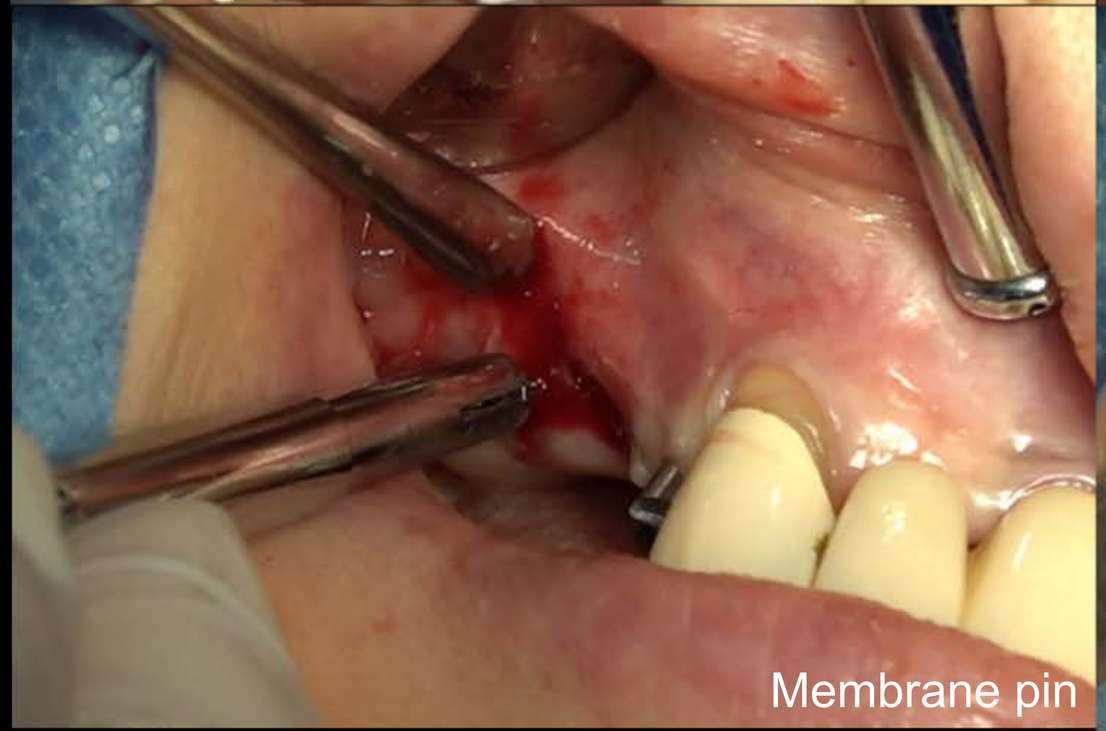


Surgery (2022-09-22)



OSTEON™ 3 Collagen

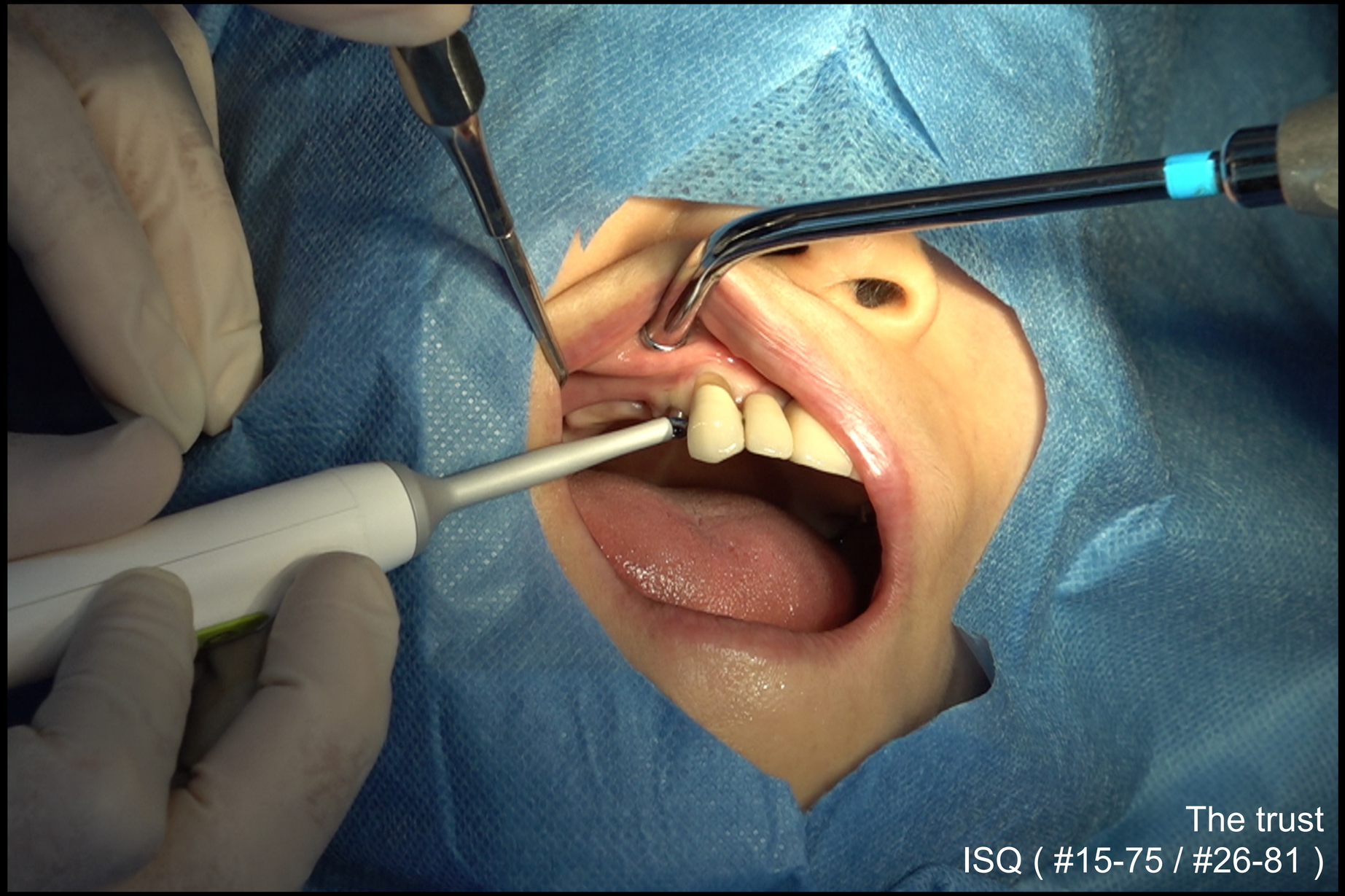




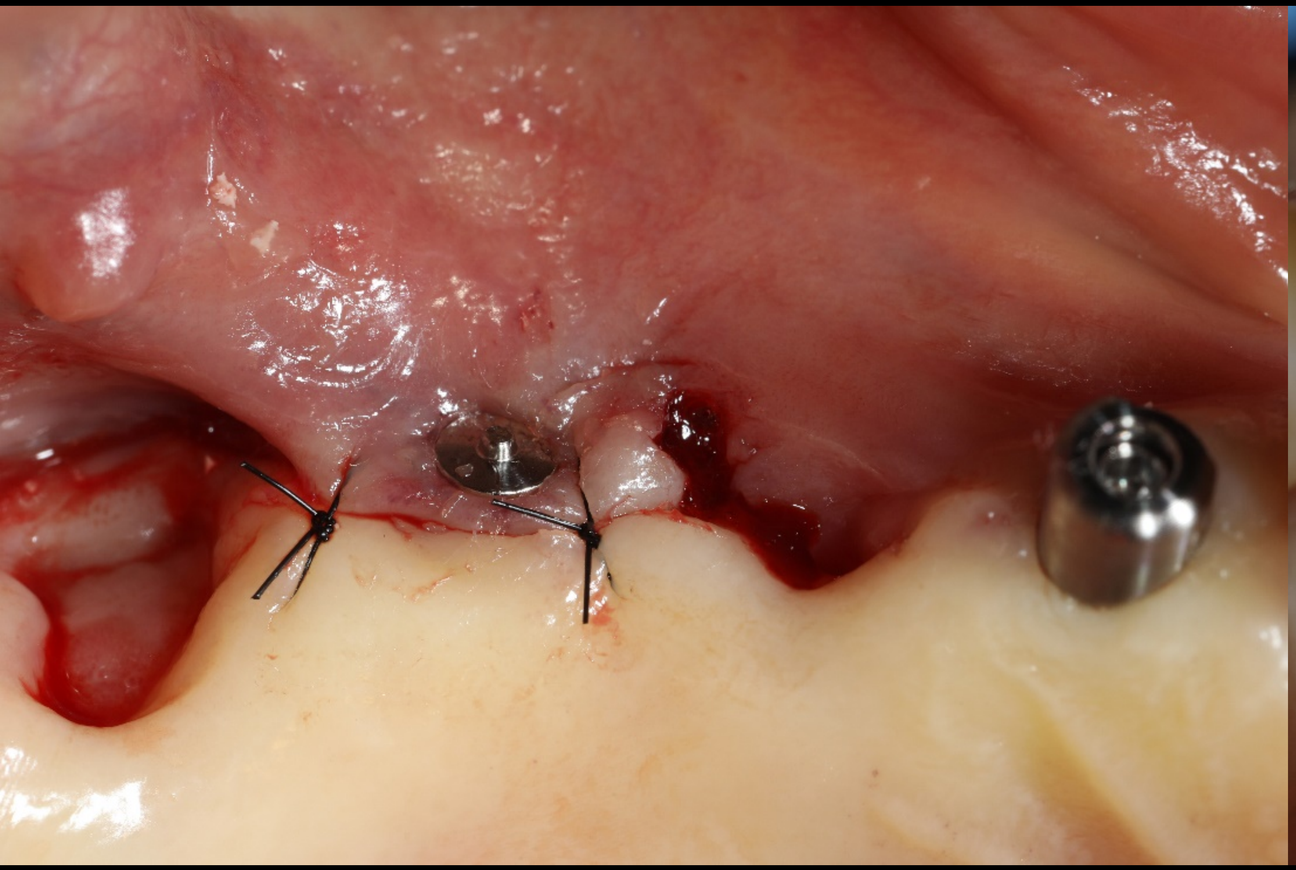
Membrane pin



Surgery (2022-09-22)



Post-op (2022-09-22)





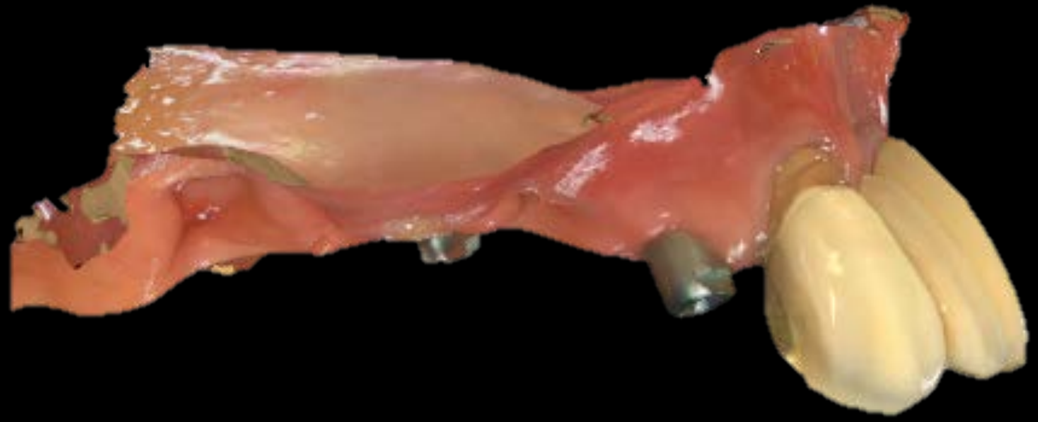
Healing : 3 weeks (2022-10-13)

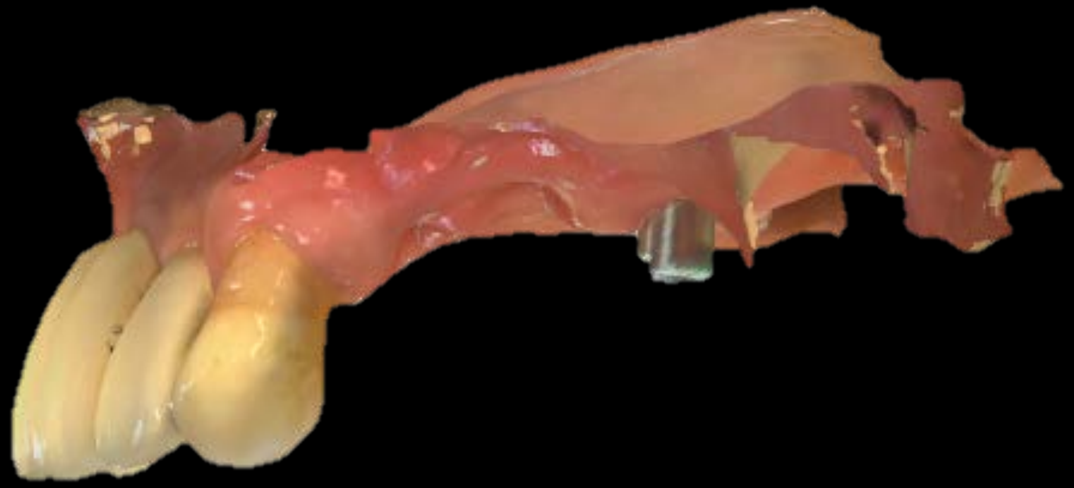


Intra Oral Scan for Temporary

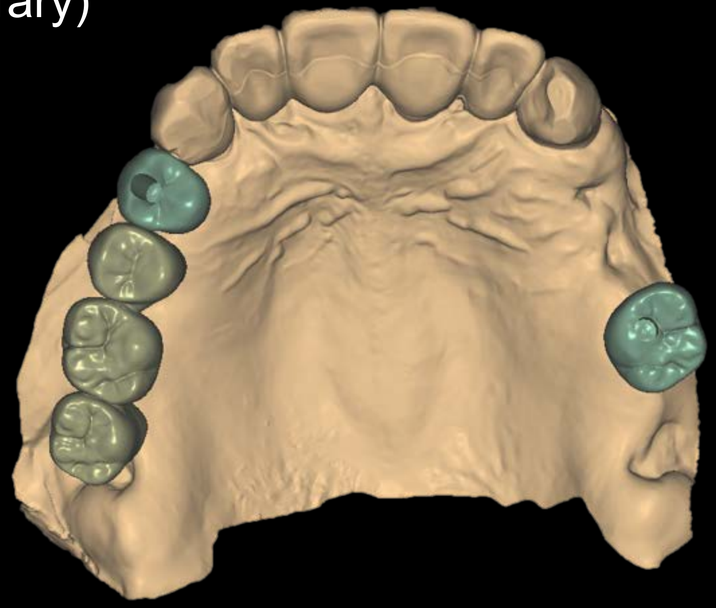


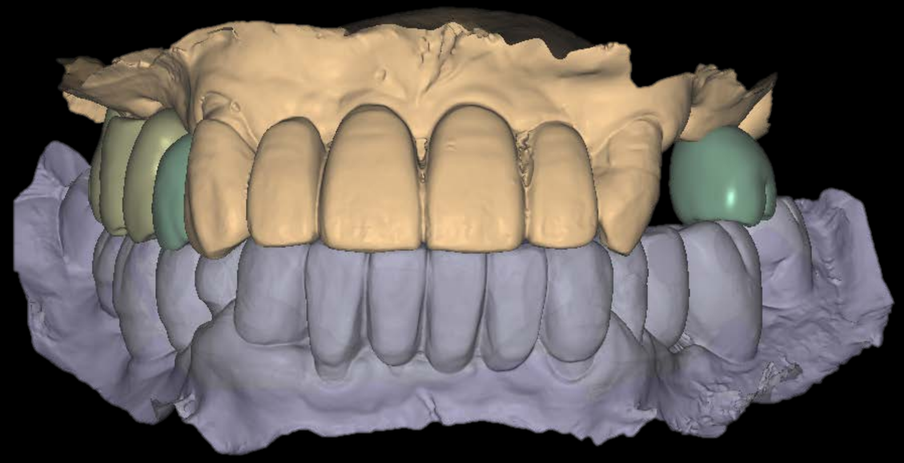


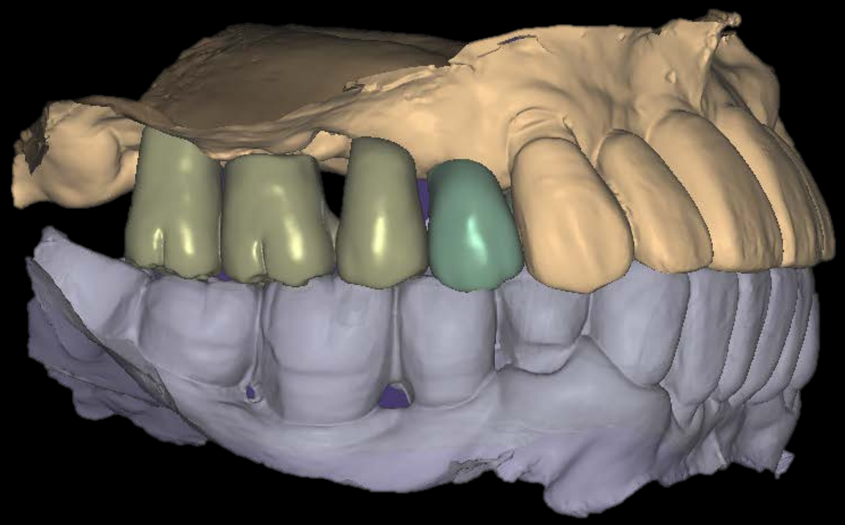


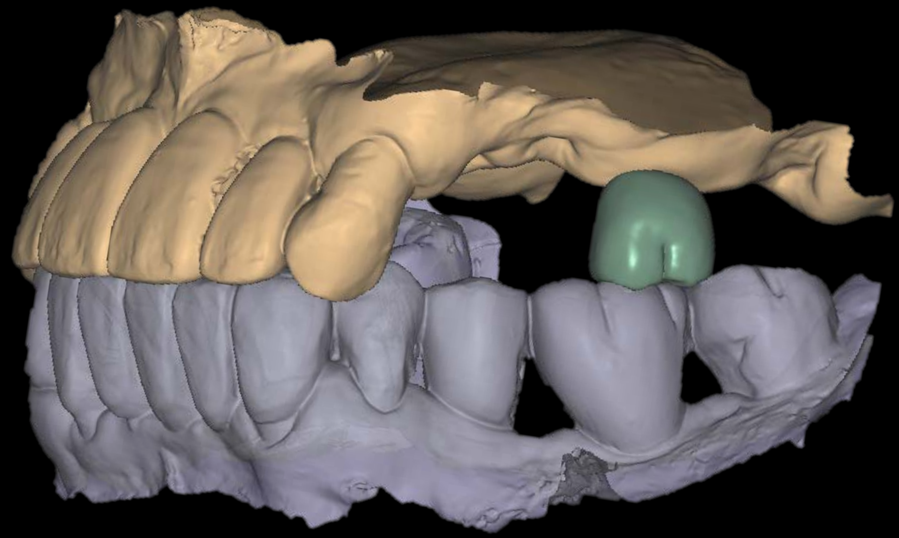


CAD (Temporary)









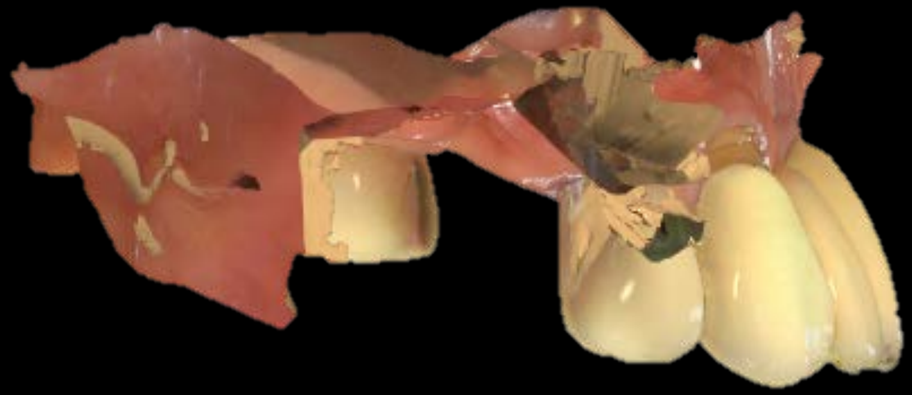
#14,26 Provisional restoration (2022-10-13)

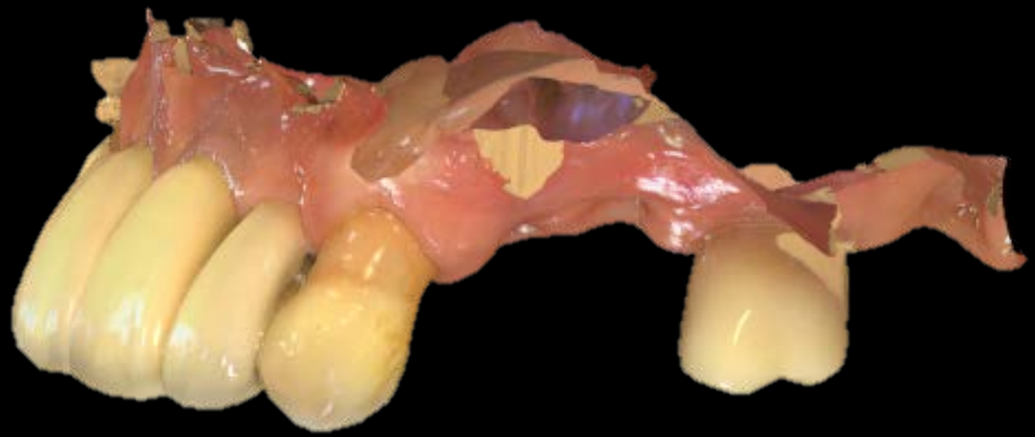


Intra Oral Scan for Temporary denture









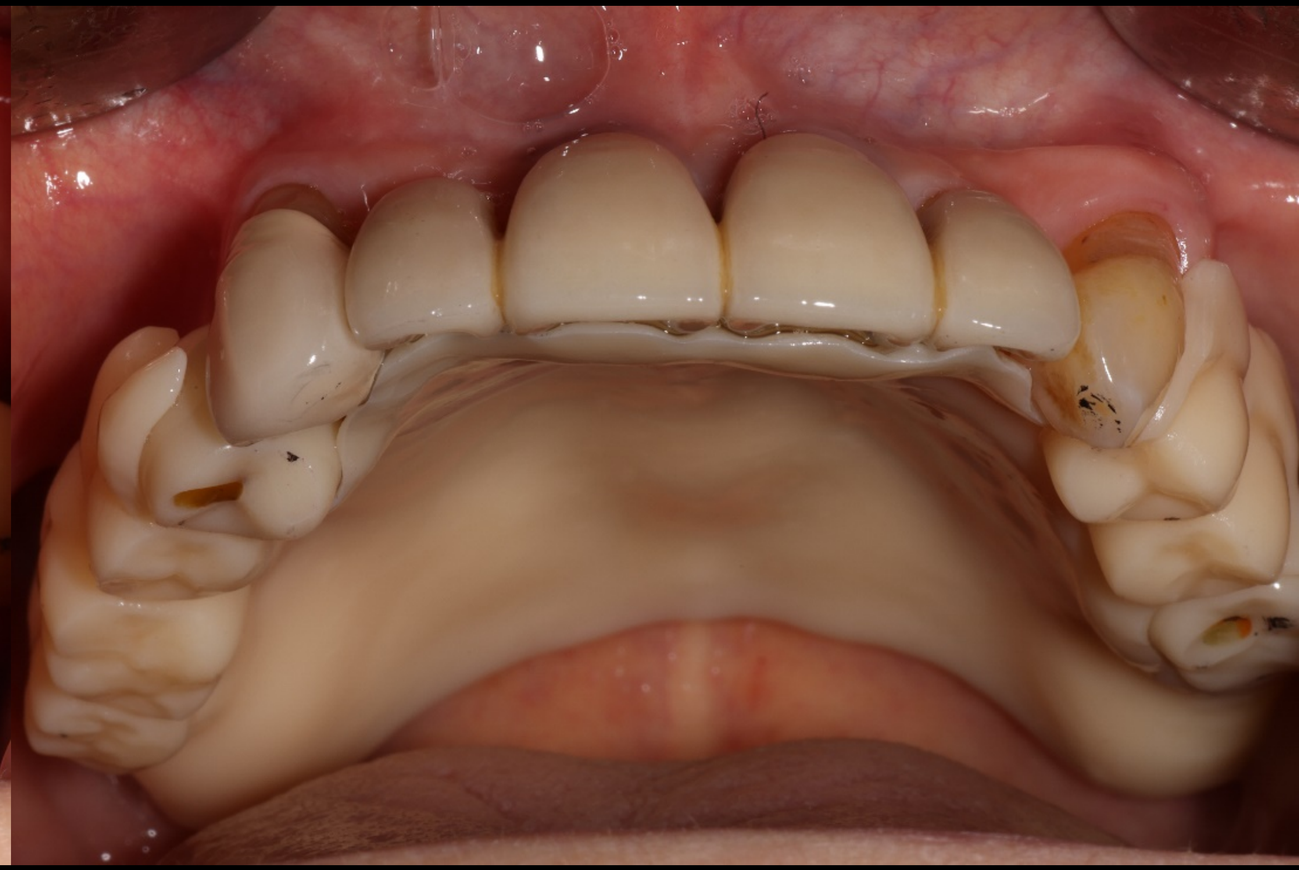
Temp denture





Temp Denture adaption (2022-11-07)



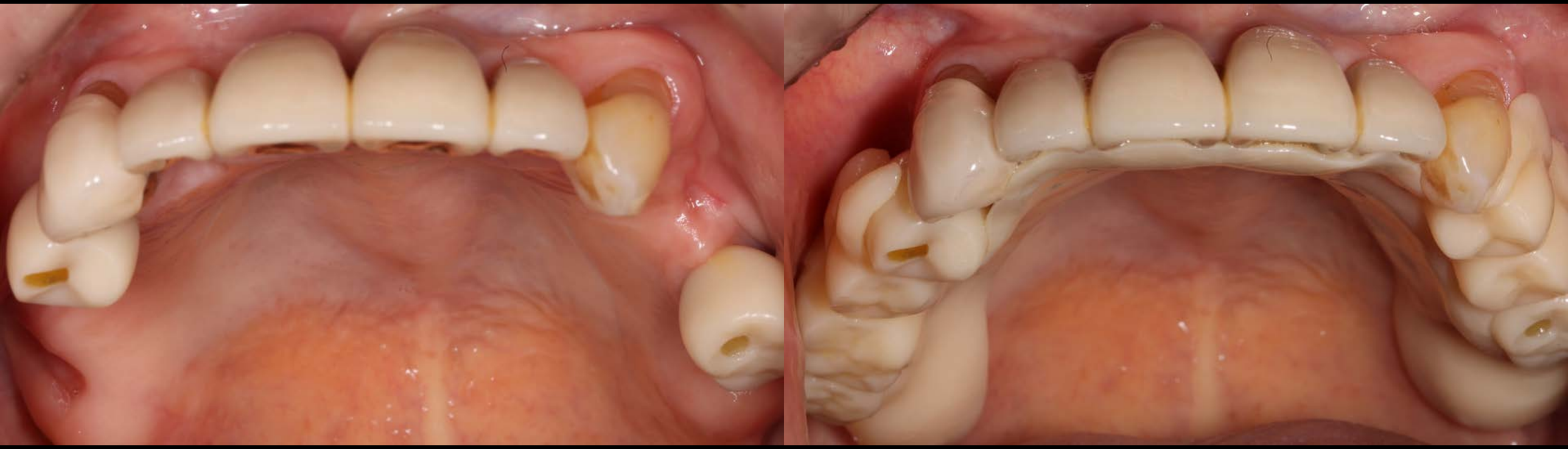


Re-make_50% Flexible denture





New Temp Denture adaption (2022-11-18)



Temp Denture CK (2022-12-14)



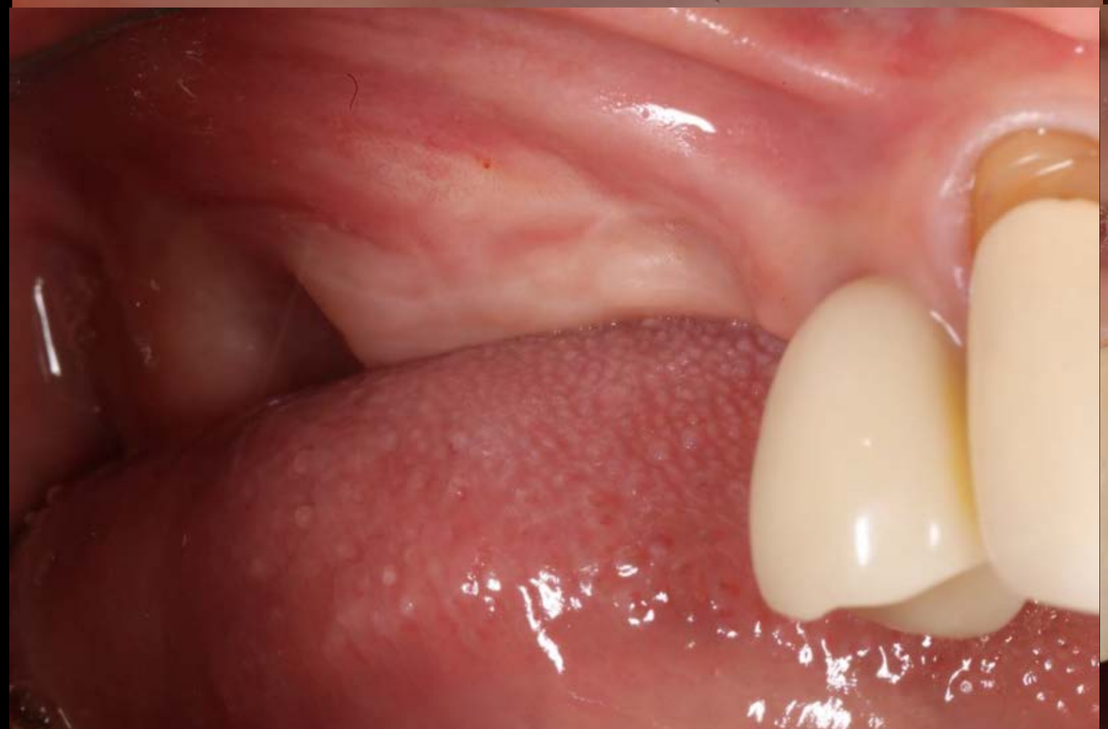




#16,17,24,27 Pre-op (2023-01-25)





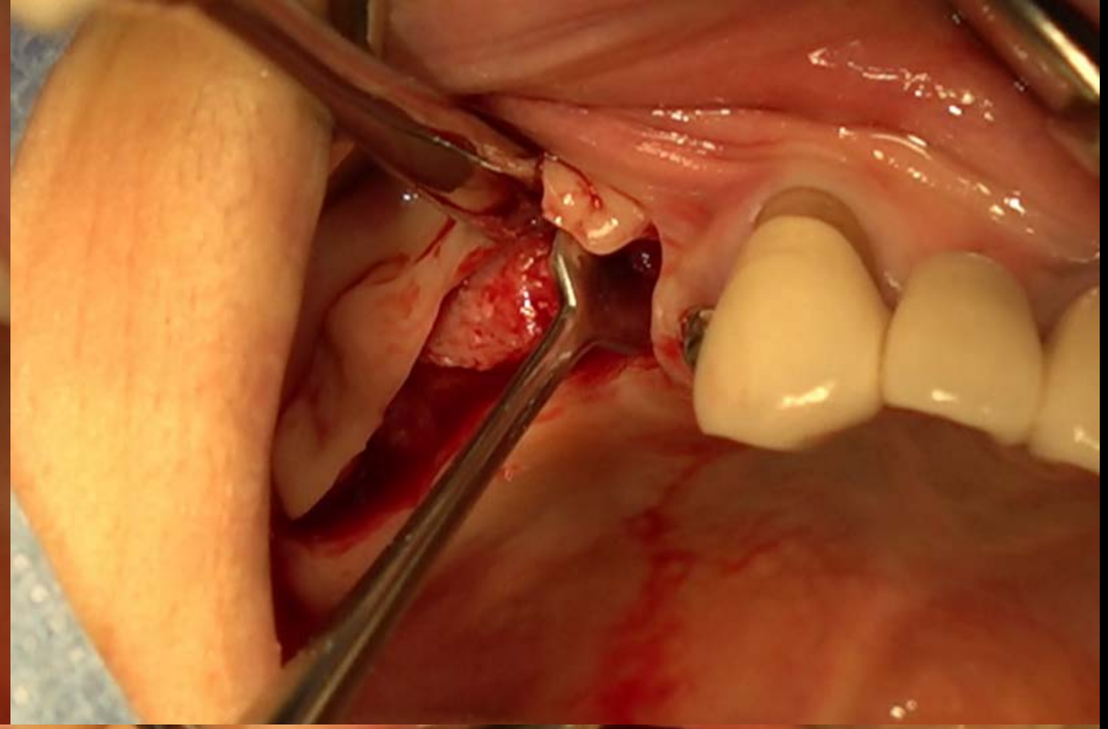


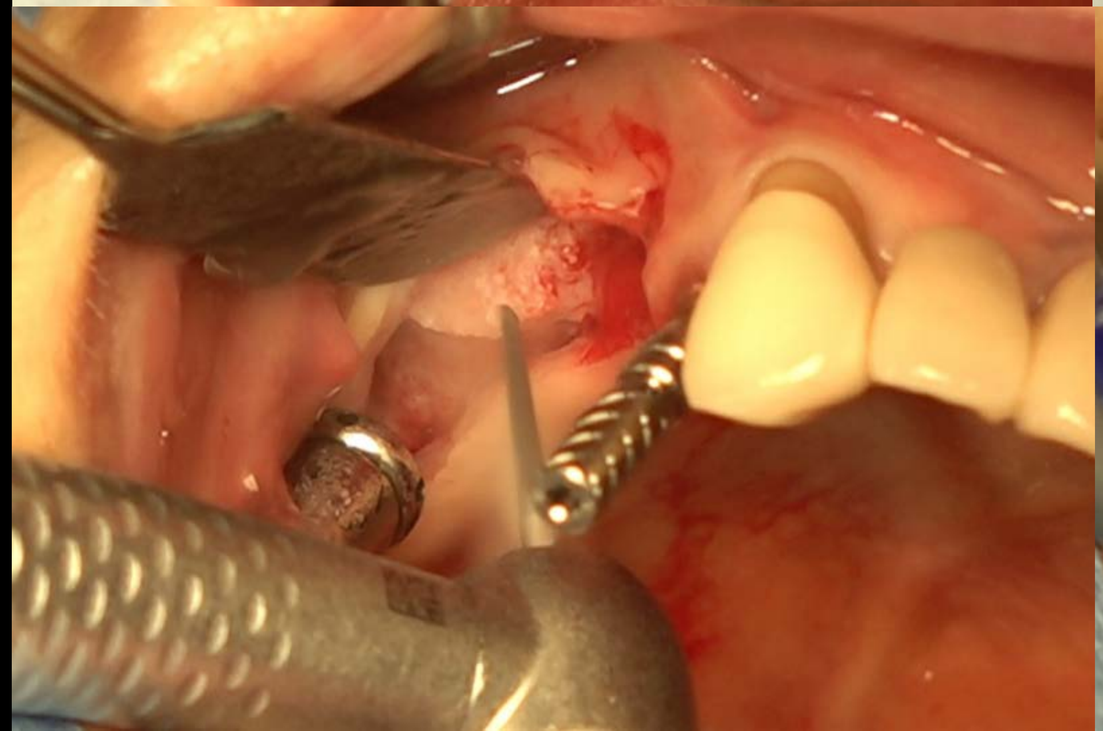


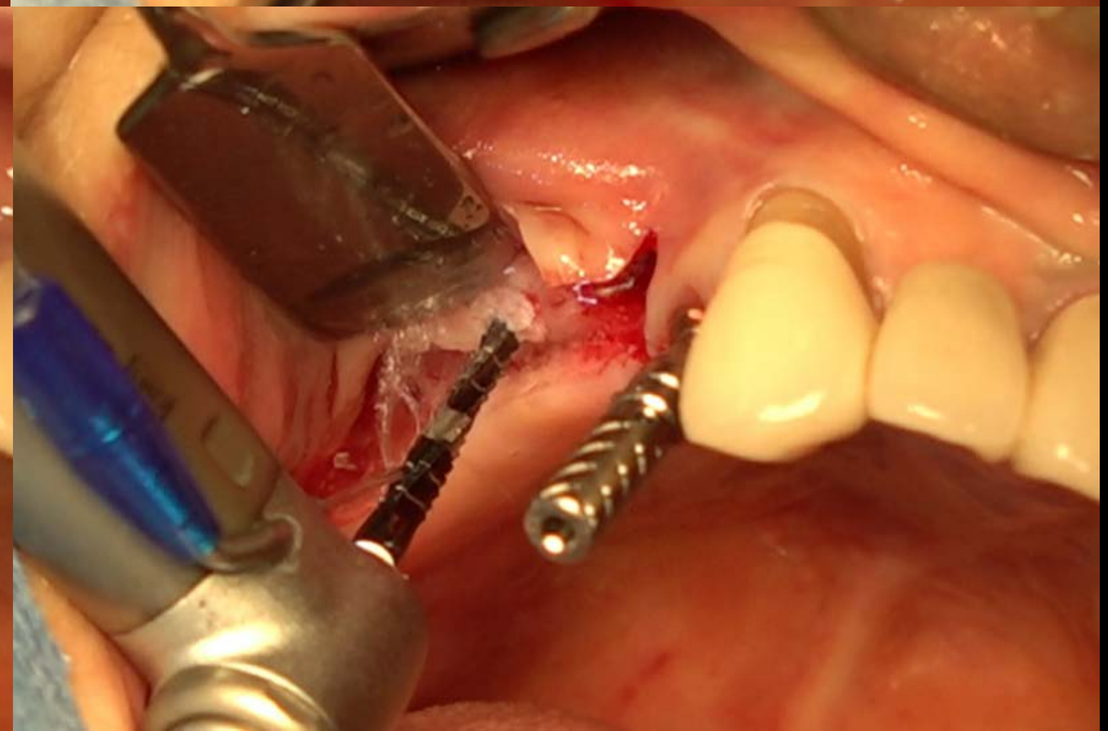
Surgery (2023-01-25)



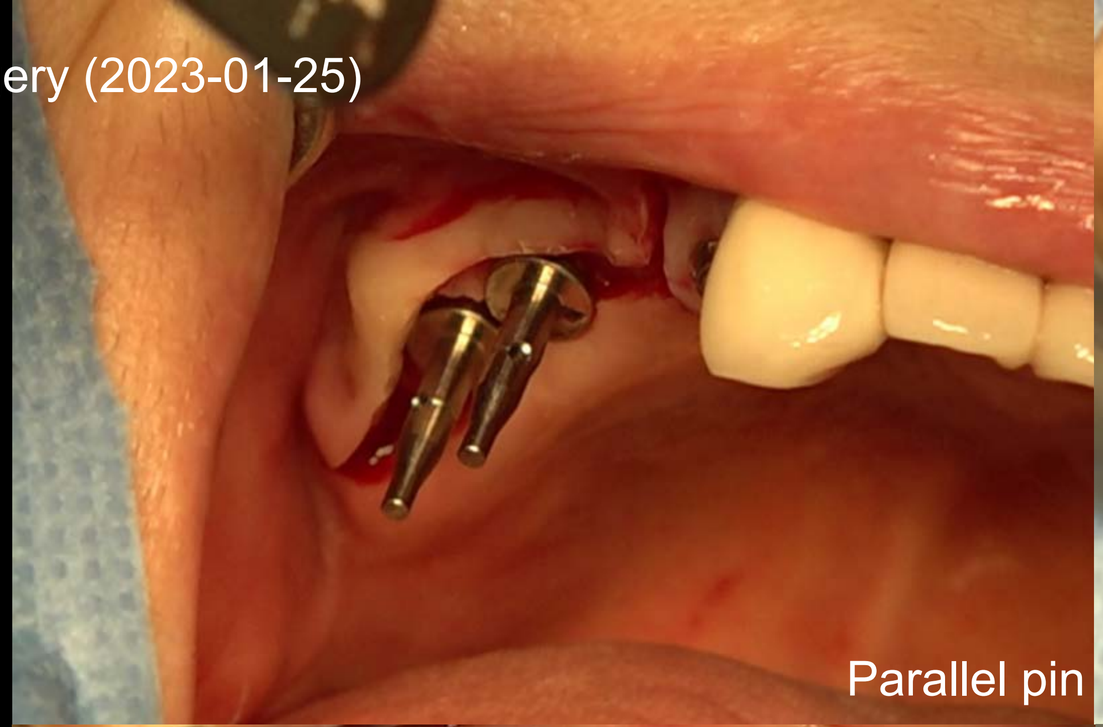
Incision



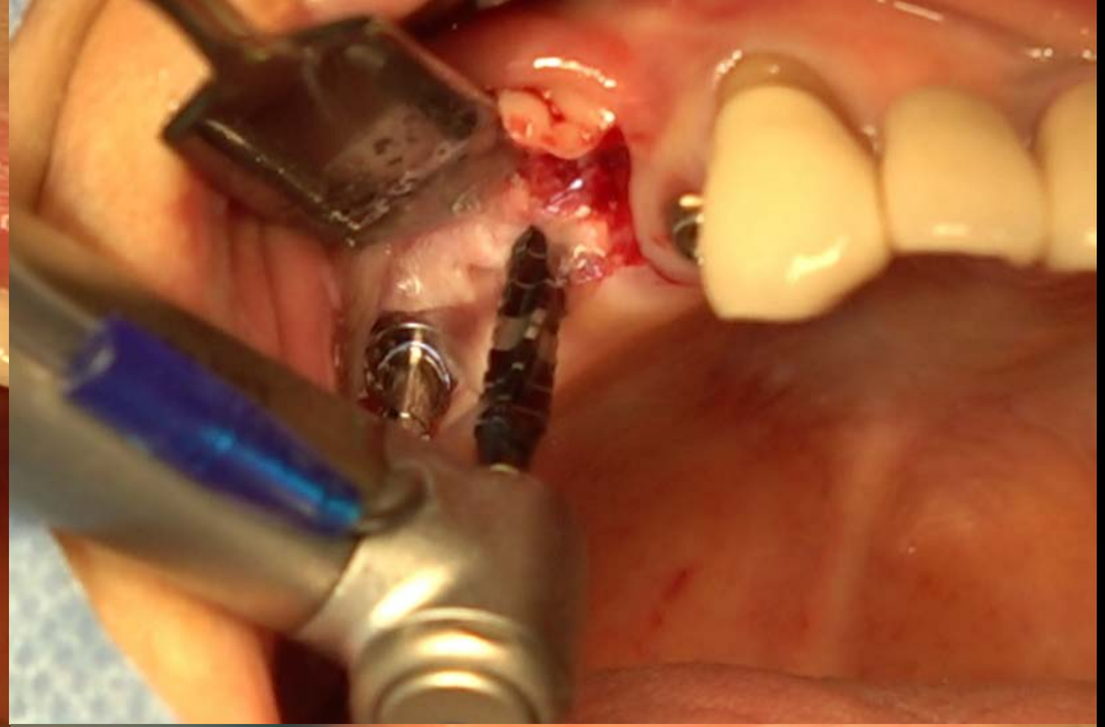


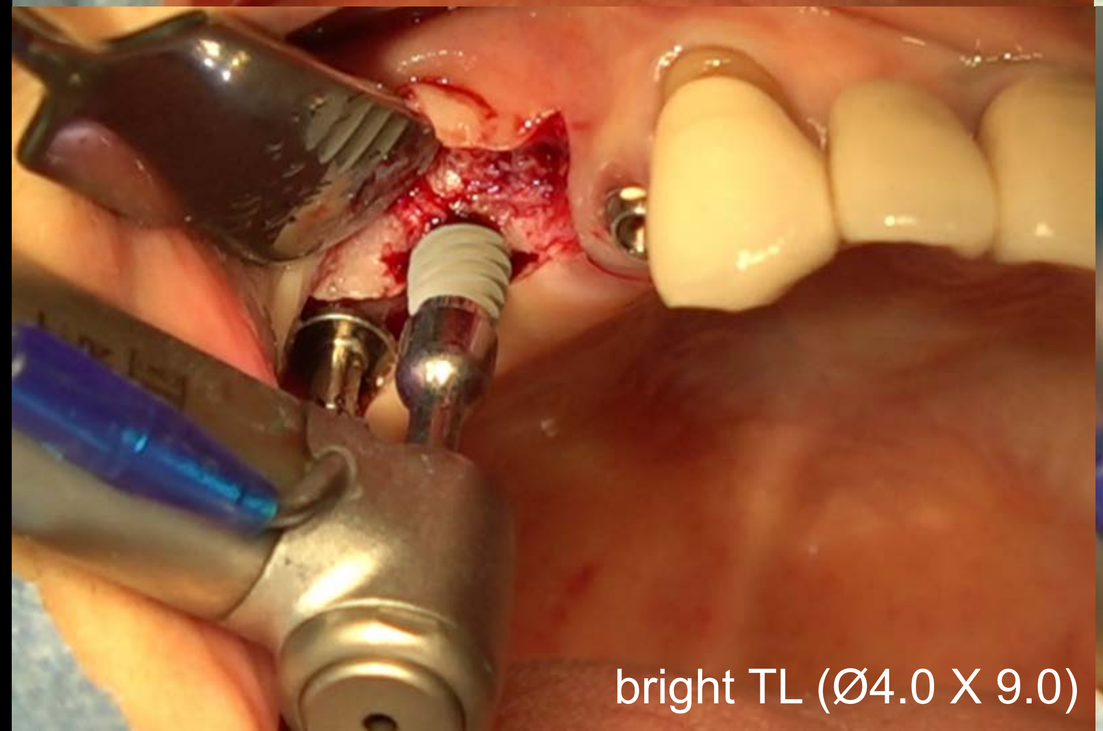


Surgery (2023-01-25)

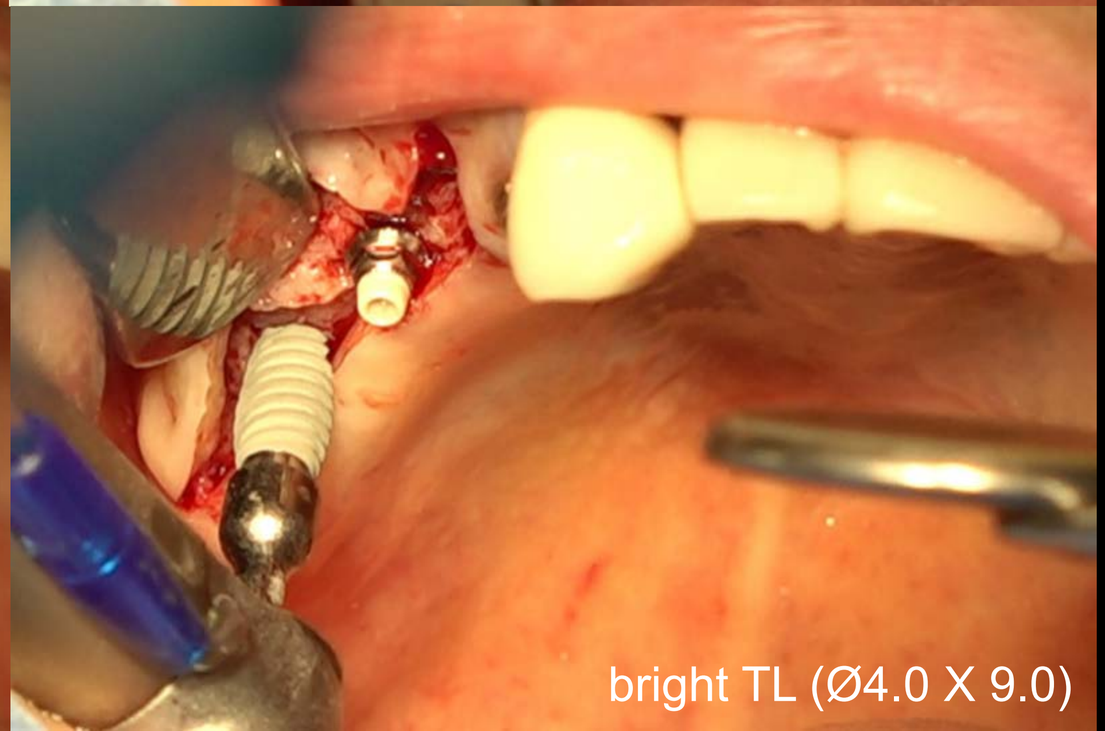


Parallel pin





bright TL (Ø4.0 X 9.0)



bright TL (Ø4.0 X 9.0)

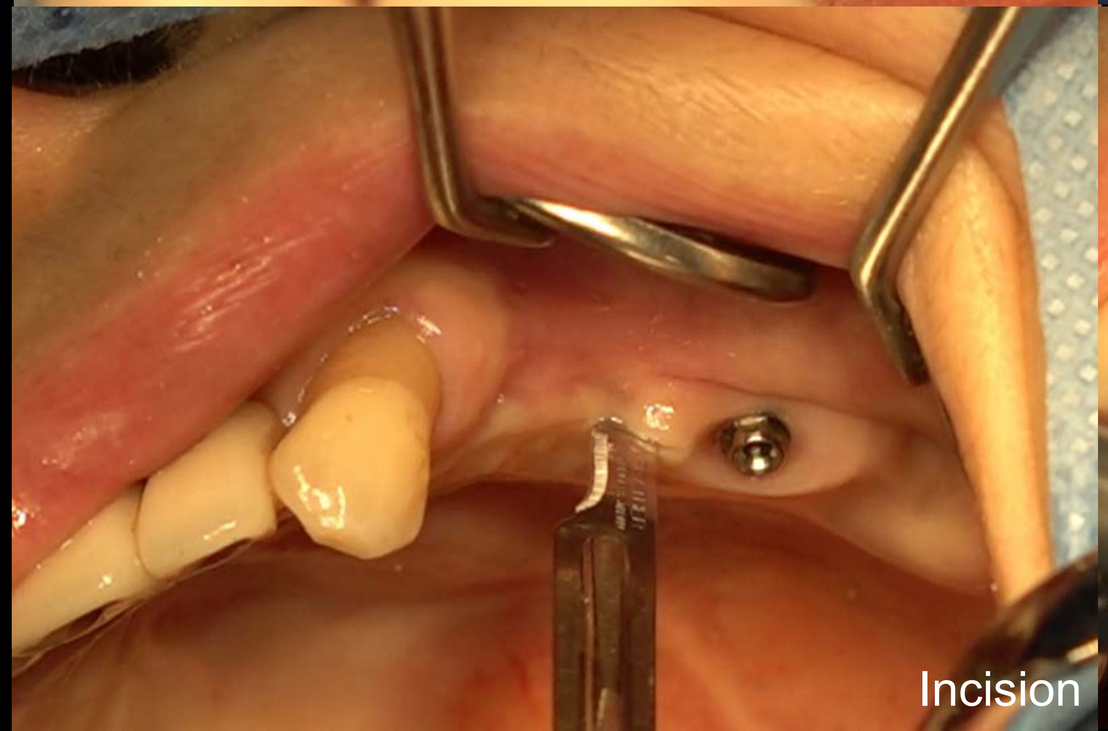
Surgery (2023-01-25)



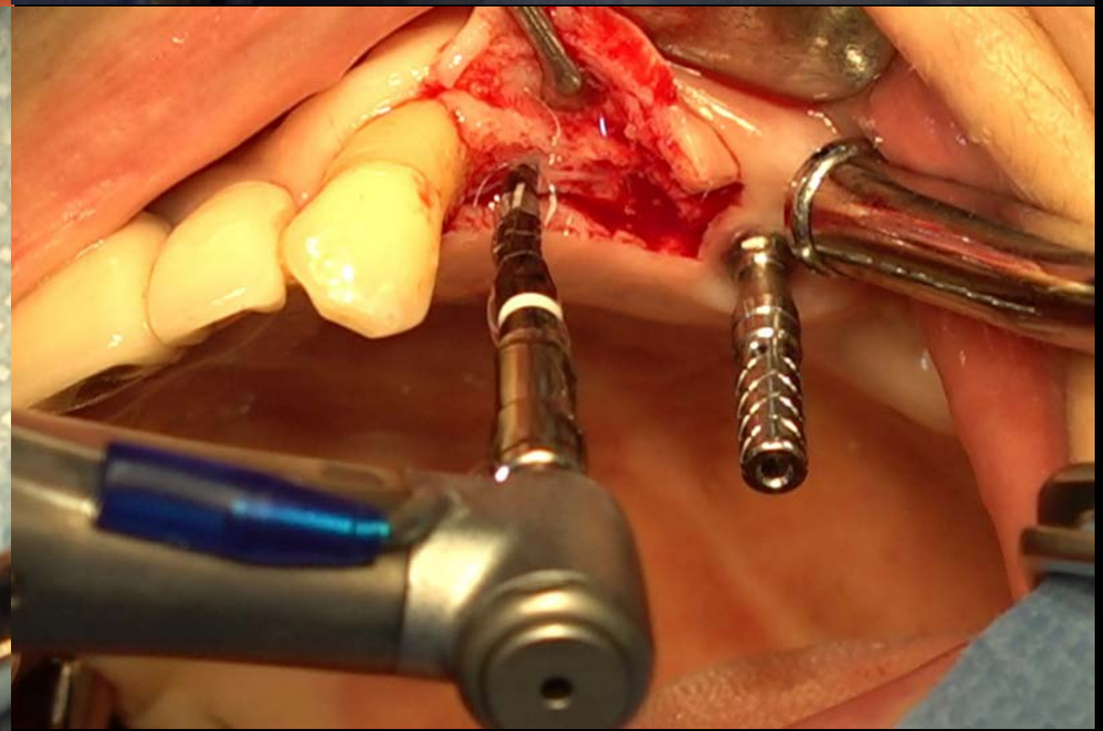
Suture



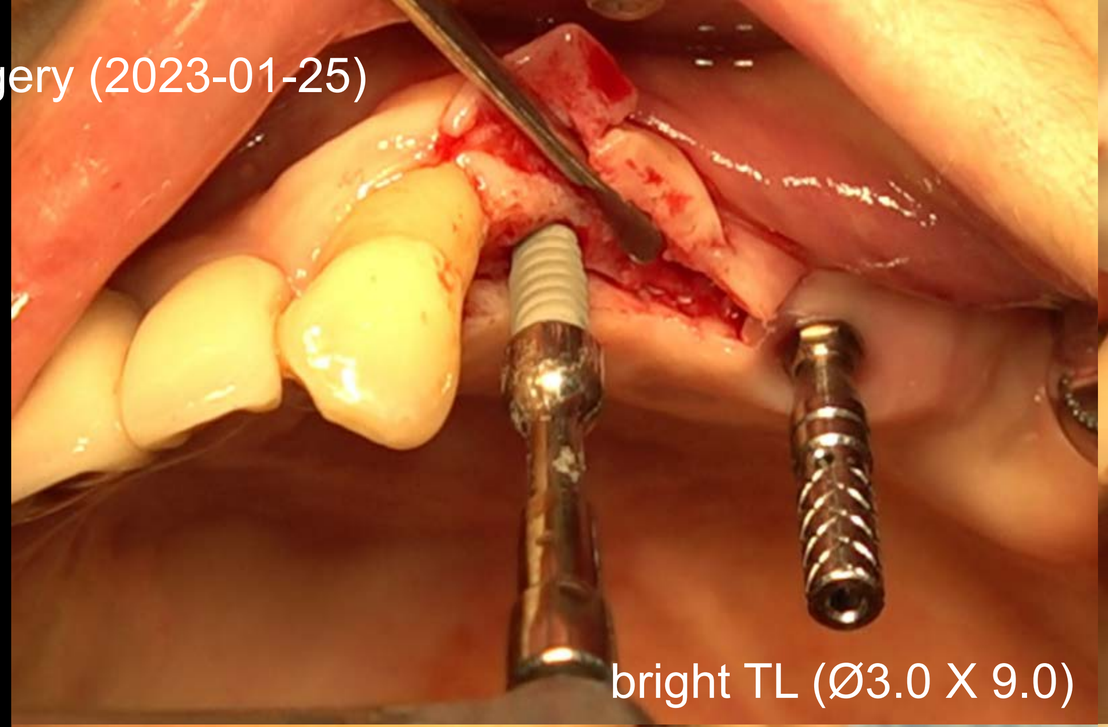
The trust
ISQ (#16-82 #17-83)

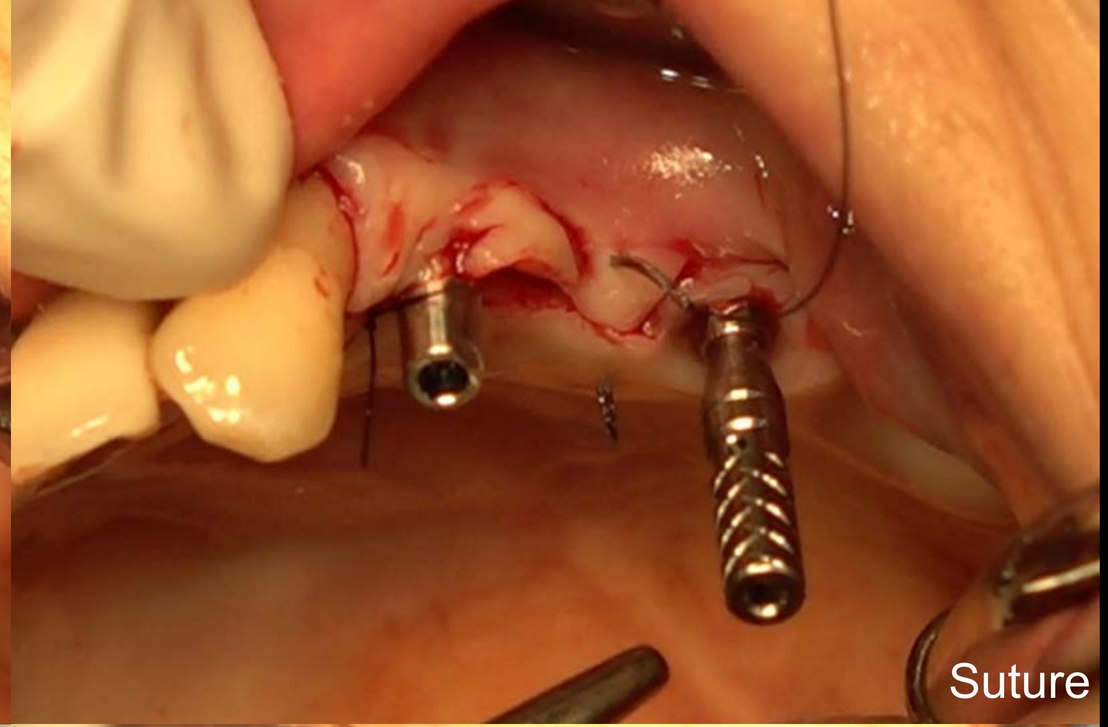


Incision

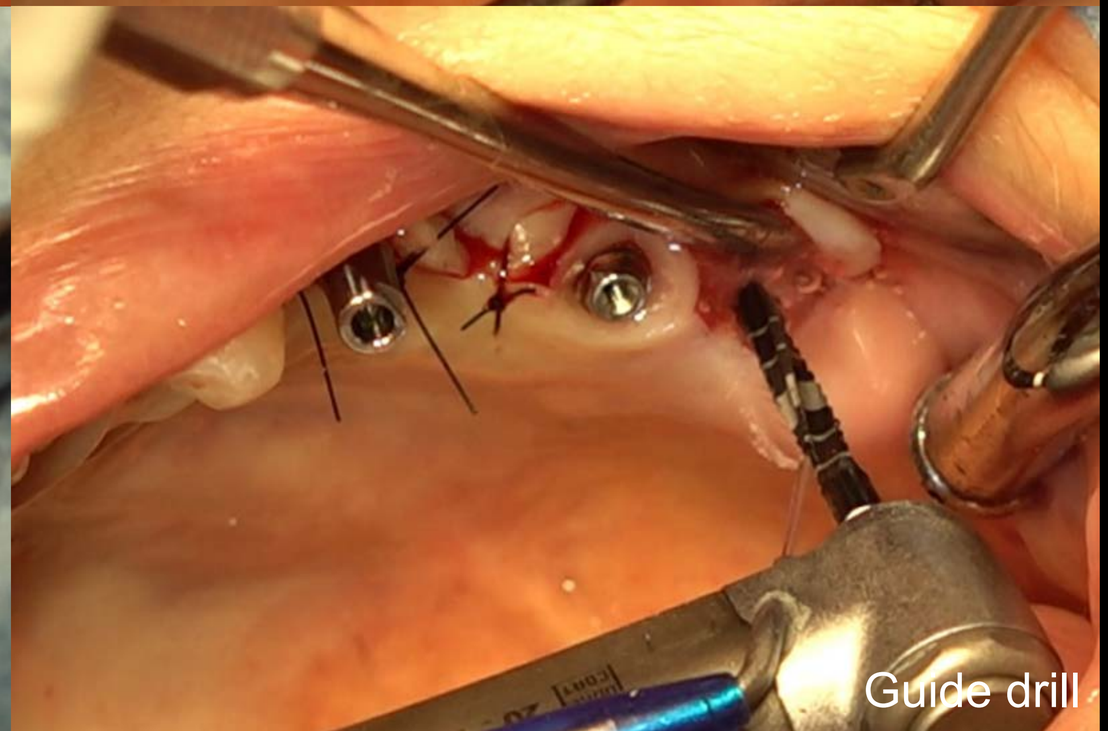


Surgery (2023-01-25)

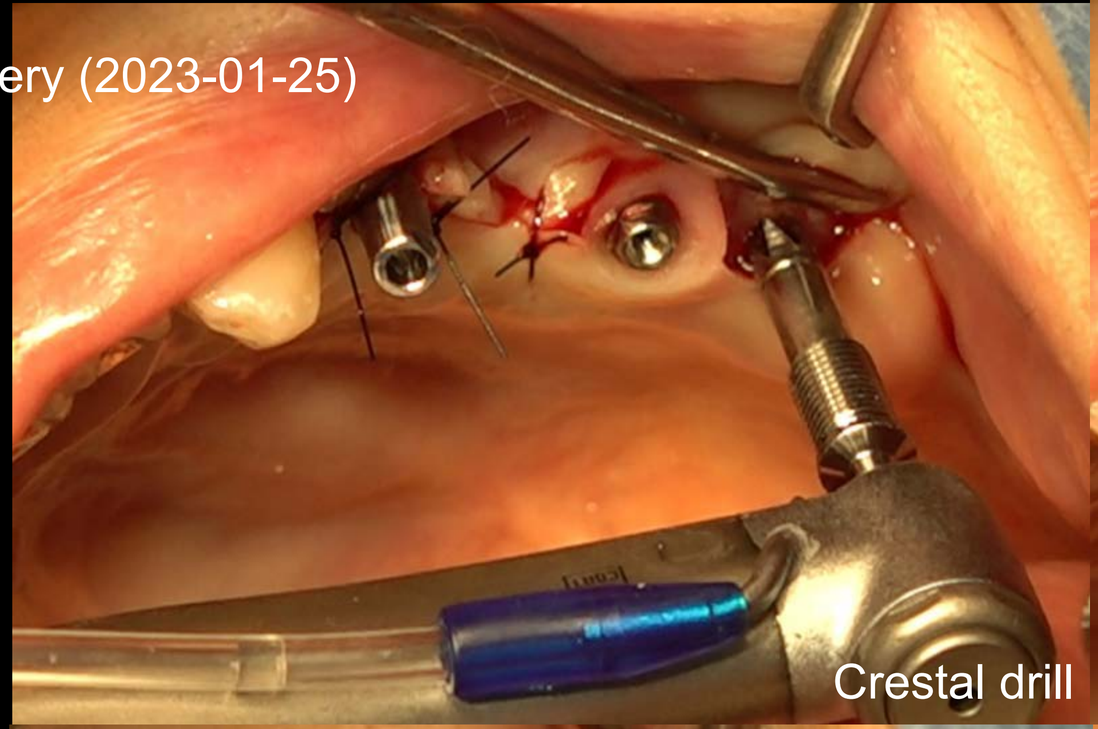

bright TL (Ø3.0 X 9.0)


Suture

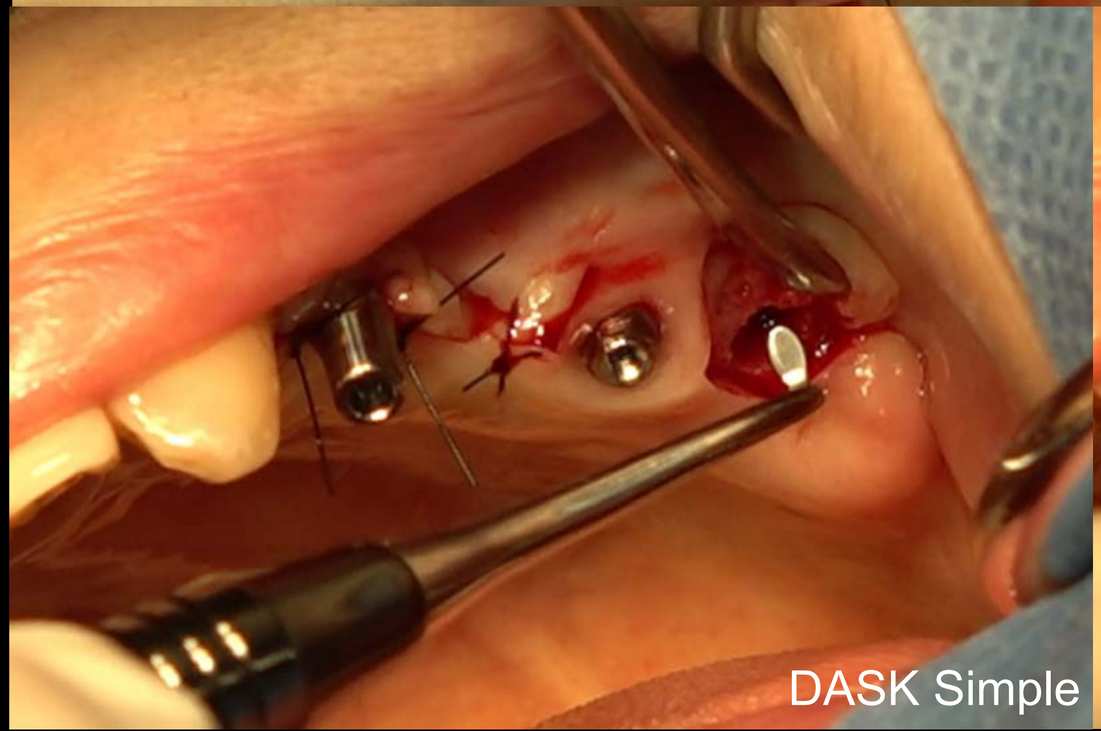

Incision


Guide drill

Surgery (2023-01-25)

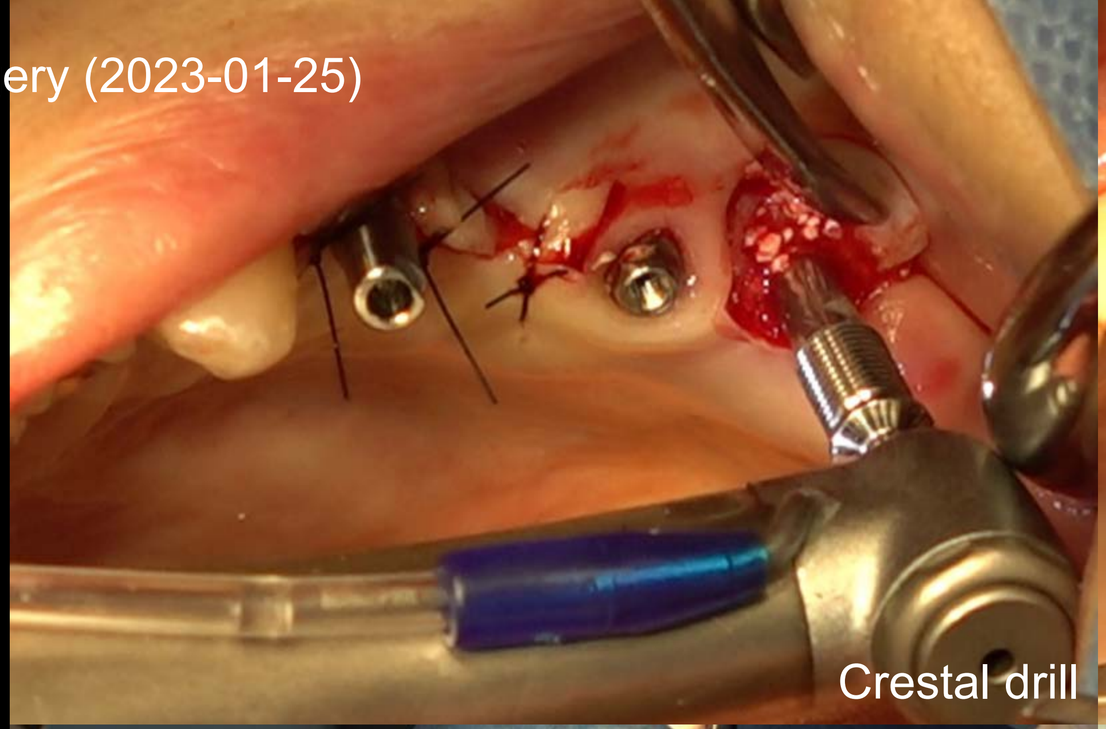




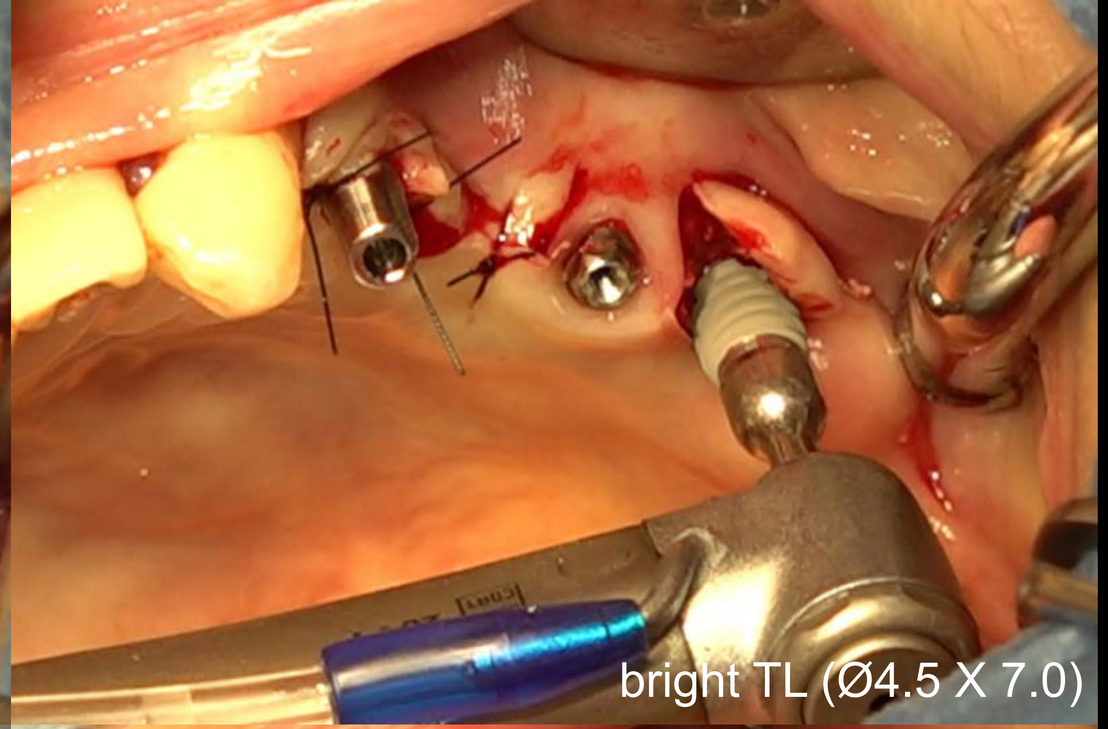




Surgery (2023-01-25)



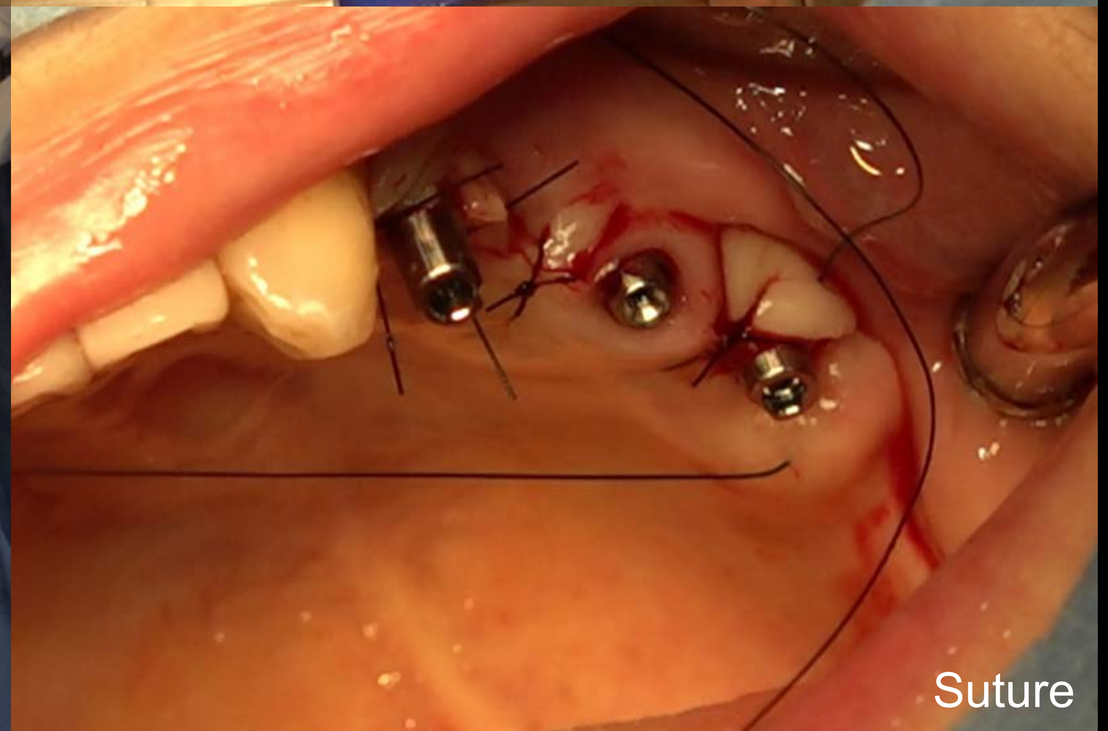
Crestal drill



bright TL (Ø4.5 X 7.0)

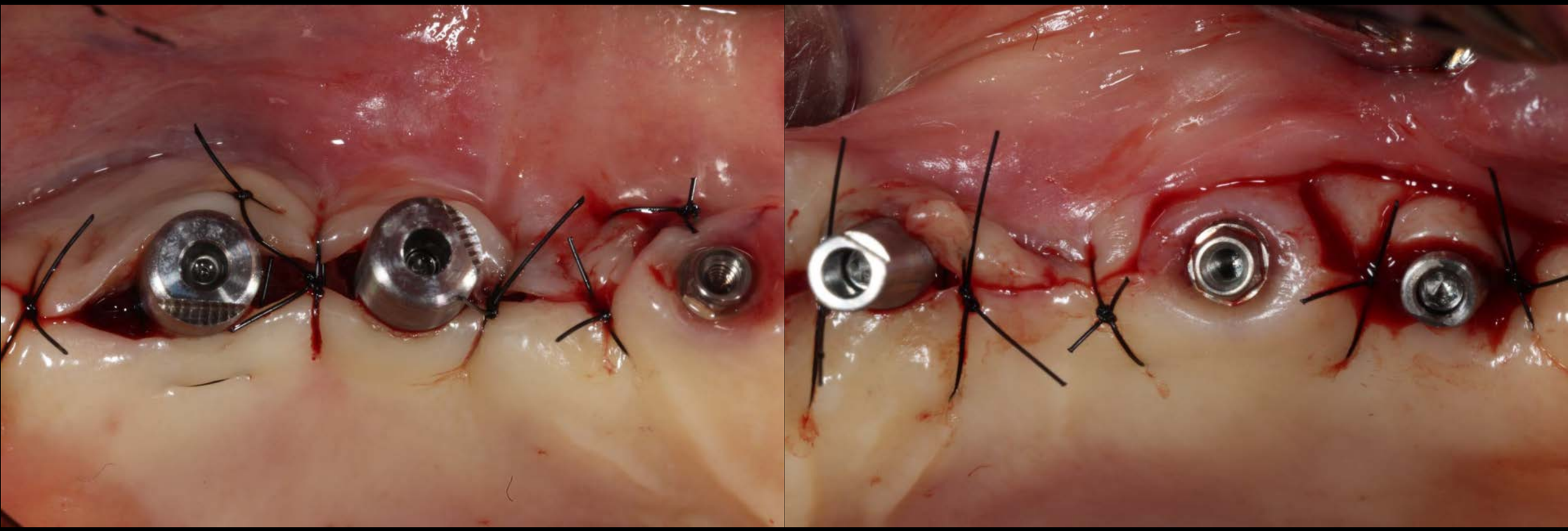


The trust
ISQ (#24,27-73)



Suture

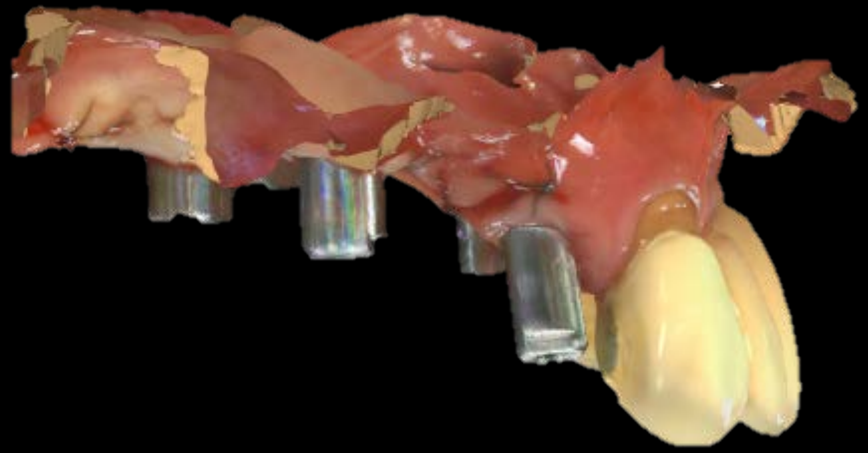
#16,17,24,27 Post-op (2023-01-25)



Intra Oral Scan for Temporary



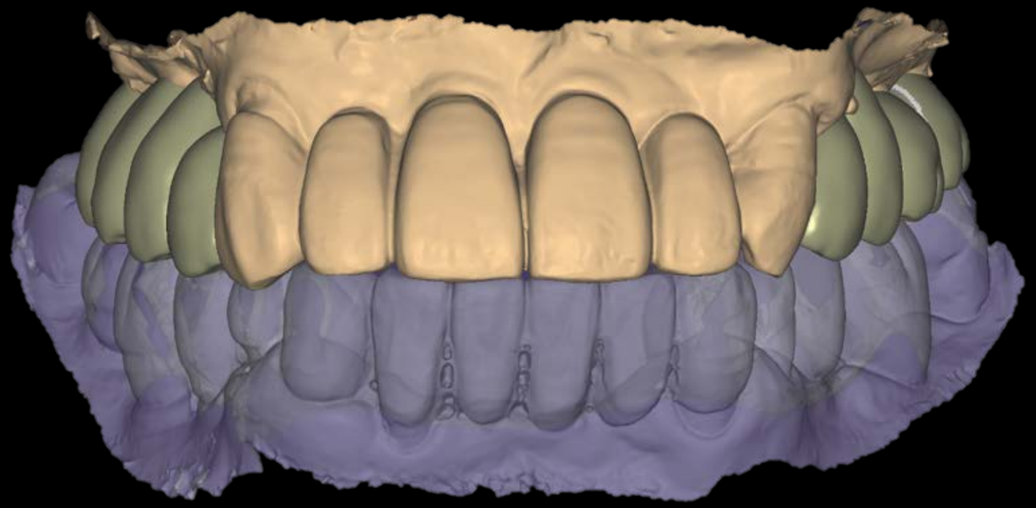


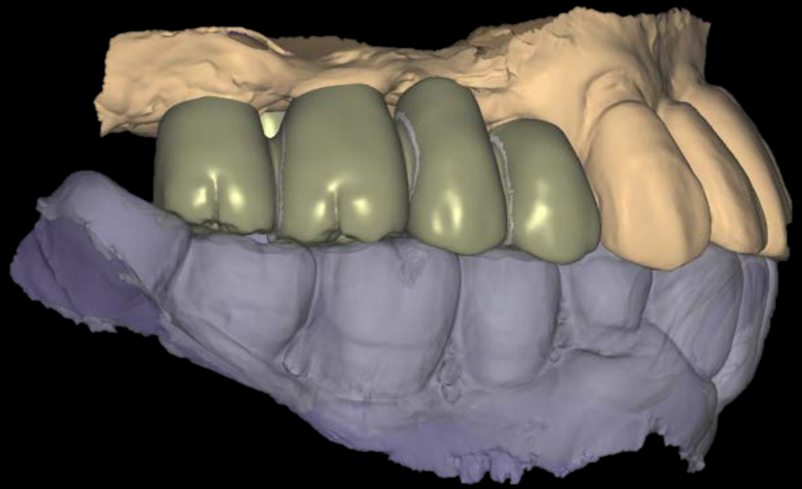


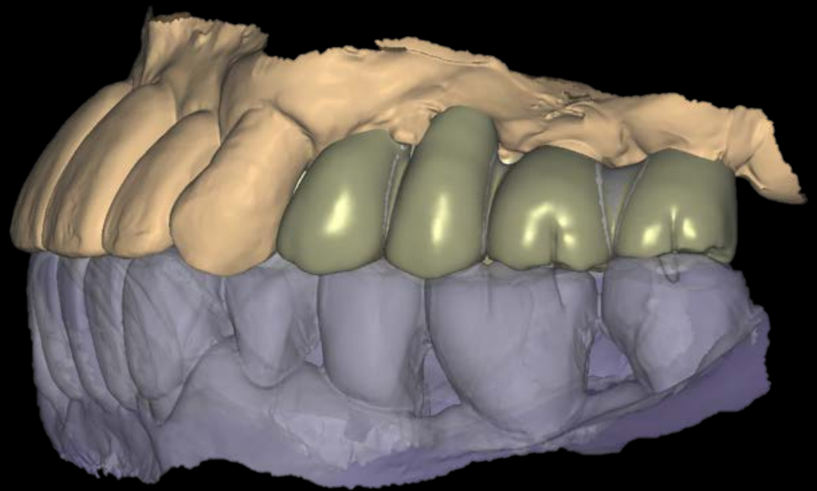


CAD (Temporary)









Temporary & Metal Link









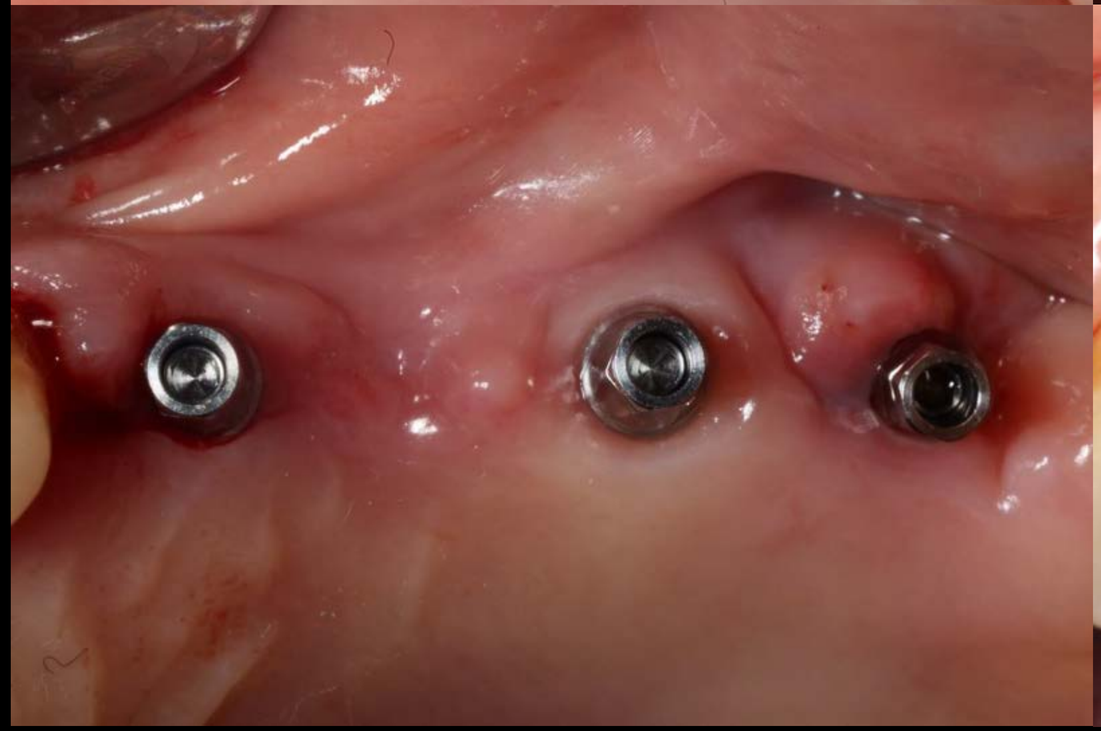
Healing : 1 week (2023-02-02)



Metal Link conection (2023-02-02)









#10 Provisional restoration (2023-02-02)







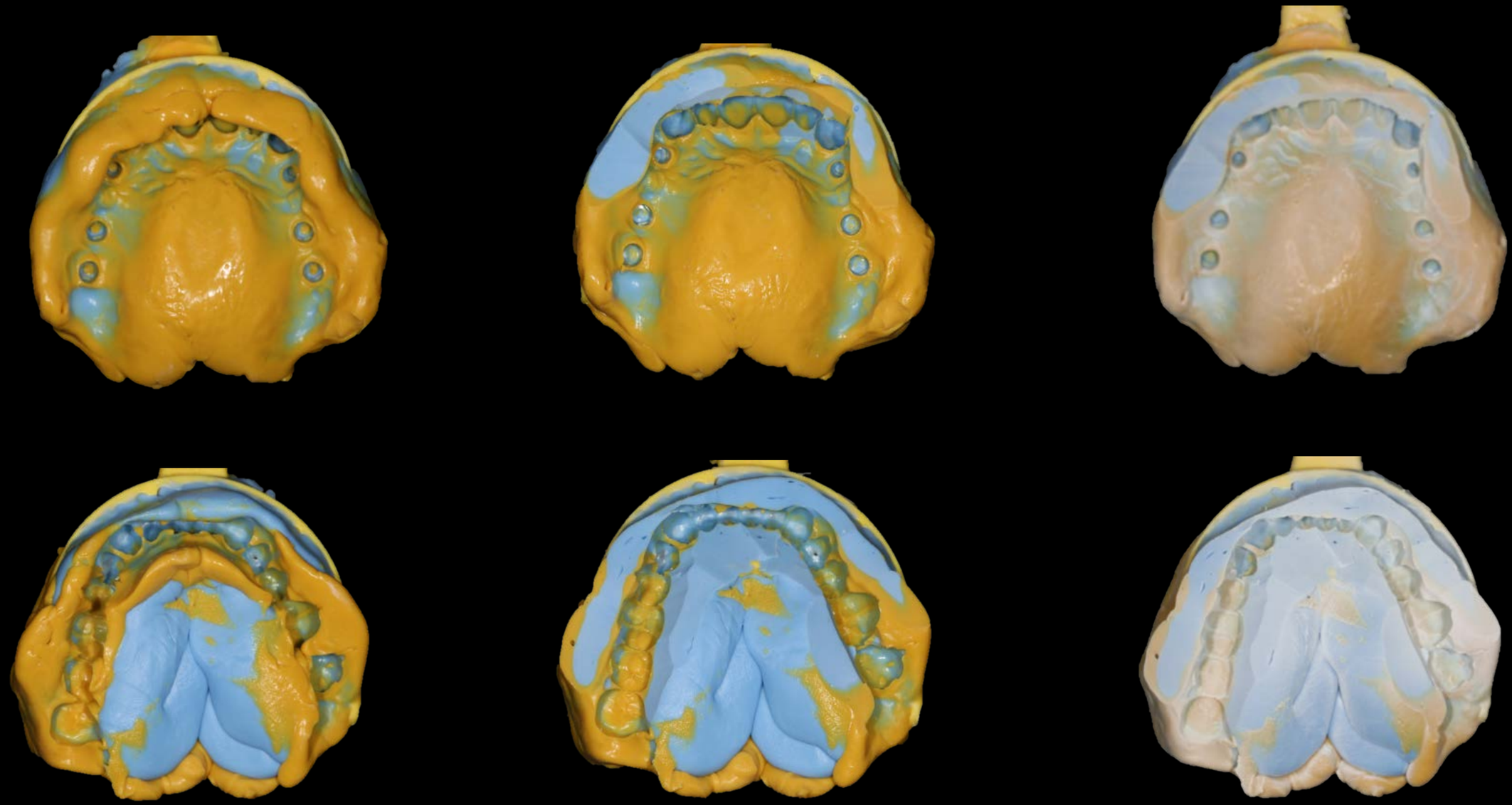
#20 Provisional restoration (2023-02-02)



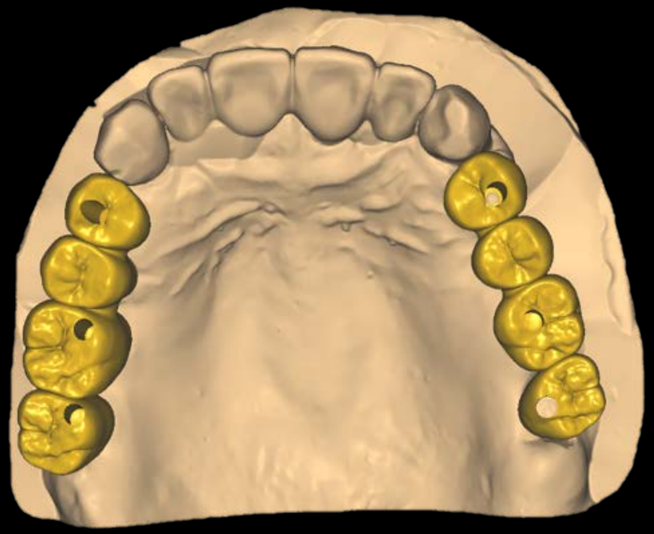


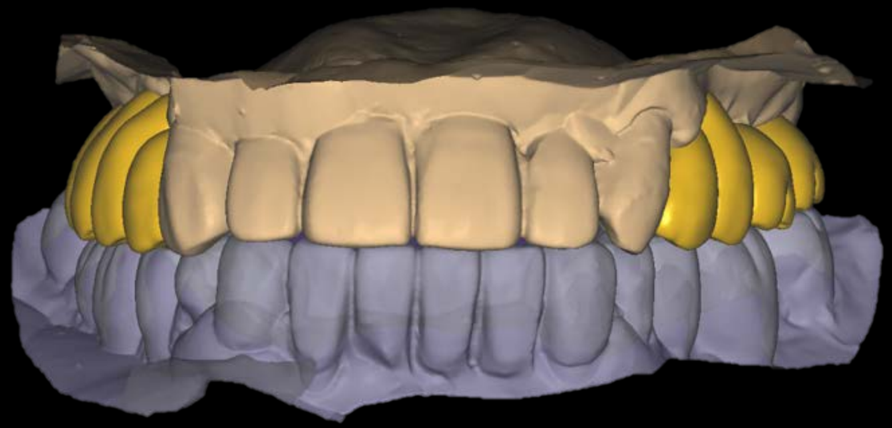


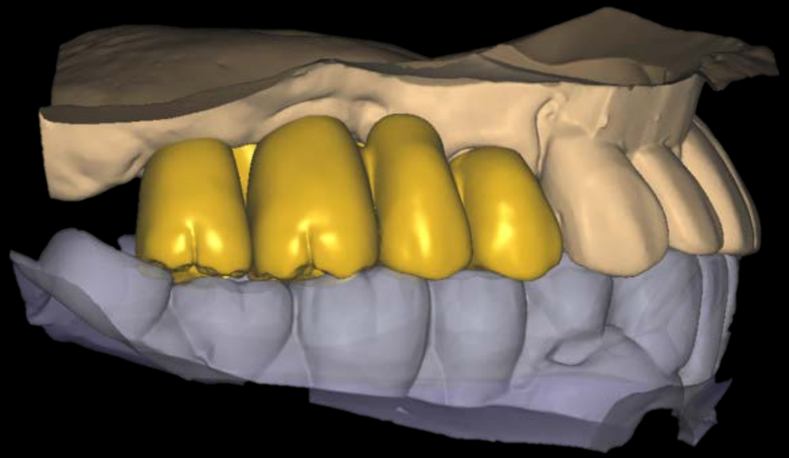
Impression / Trimming / Scan spray

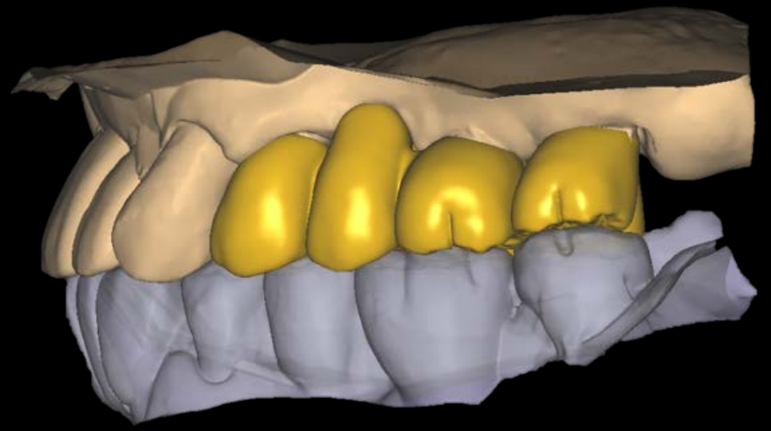


CAD (Final prosthesis)



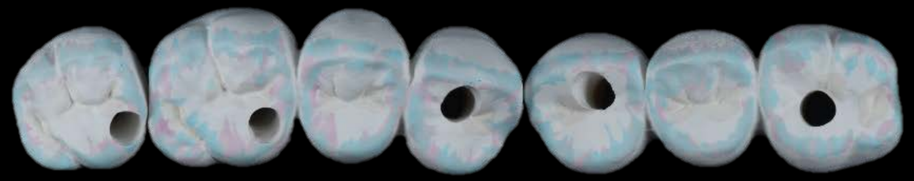






Milling / Brushing / Sintering







#10 Final prosthesis (2023-05-29)







#20 Final prosthesis (2023-05-29)







HRF (2023-07-19)



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



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



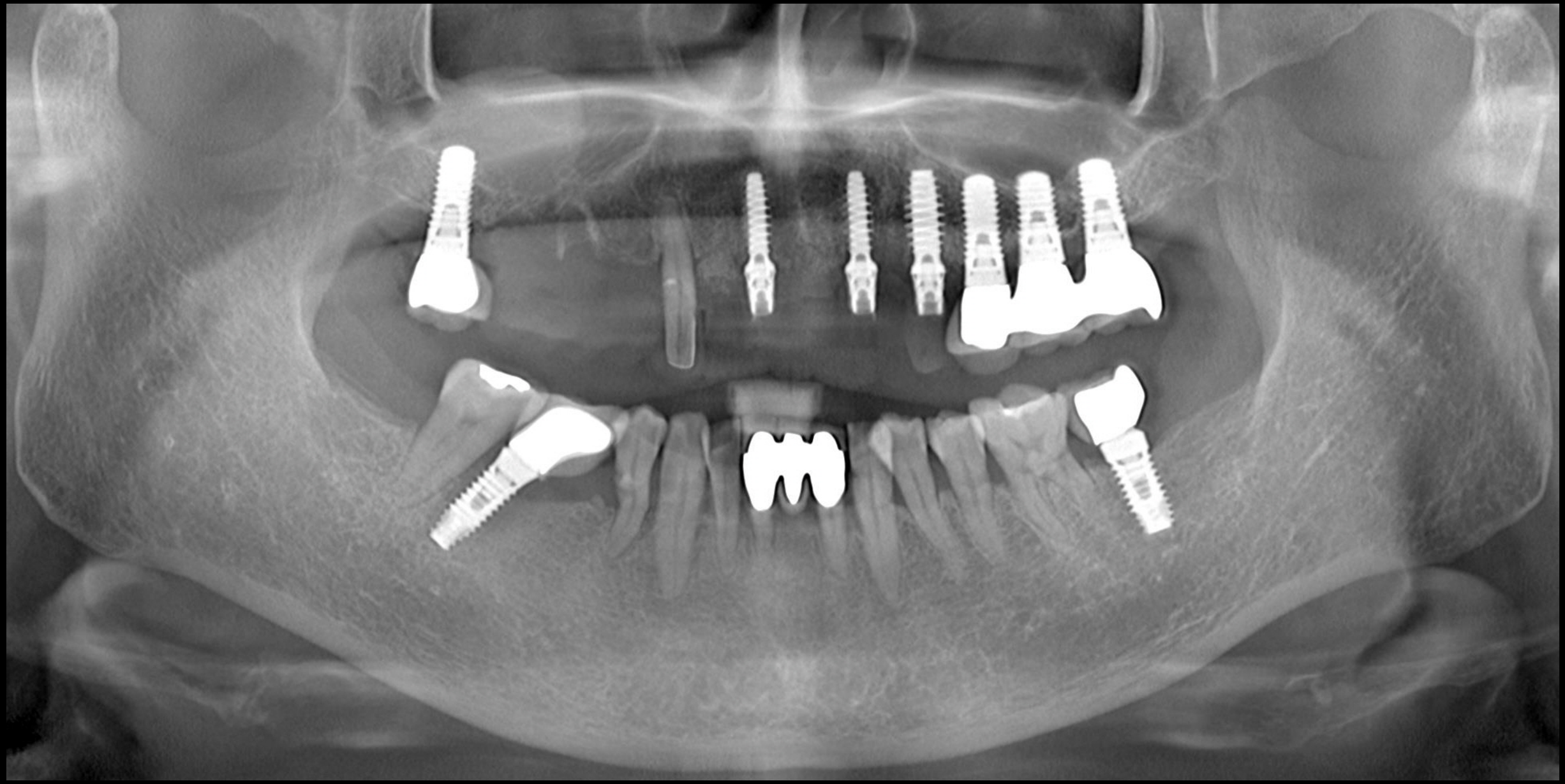


Sinusitis treatment & Implantation

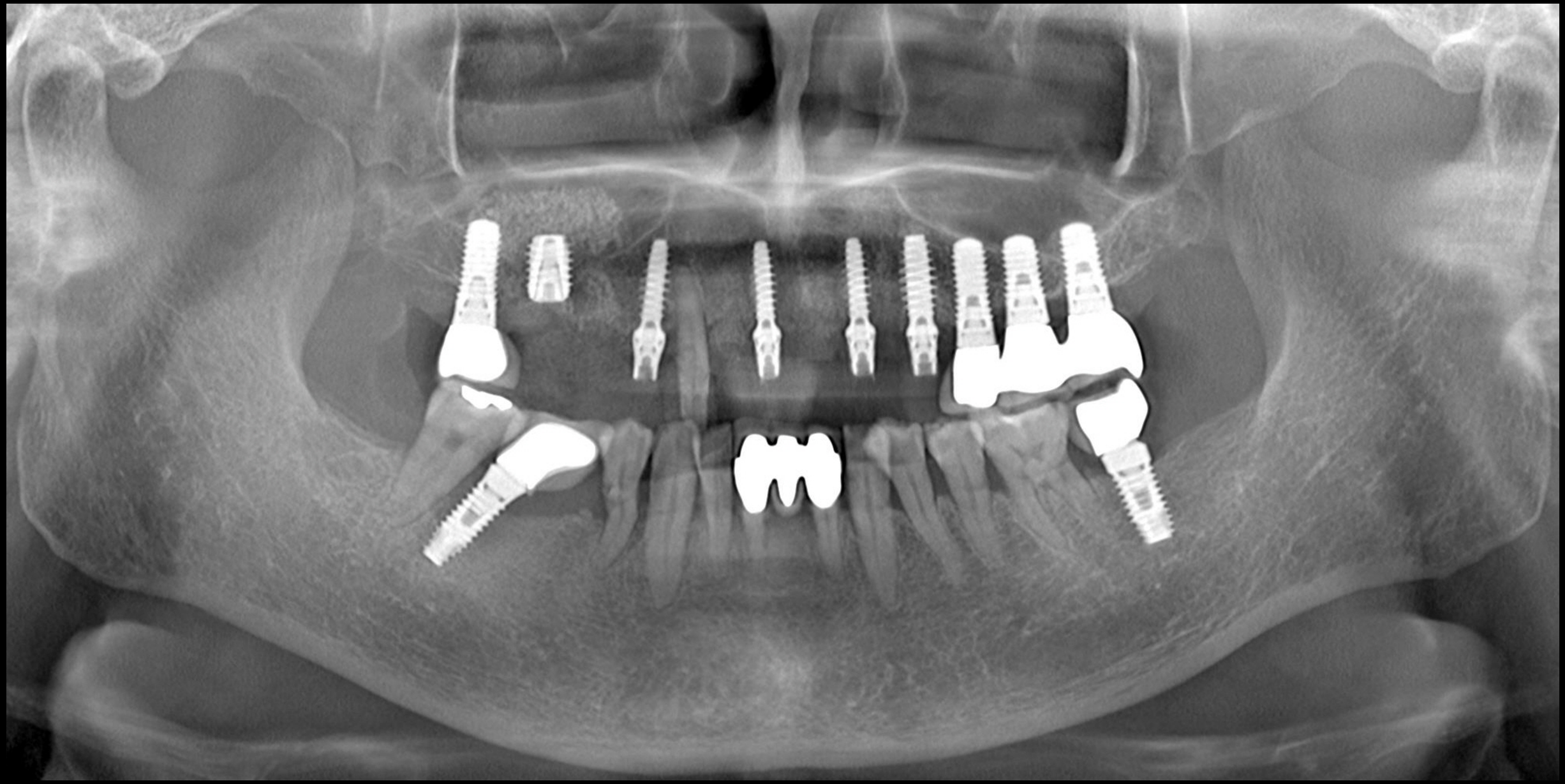
(NR Line, NTI, OSTEON™ 3 Collagen, Collagen graft 2, Sinus Kit, RE Kit)

Pt. 1959 / F

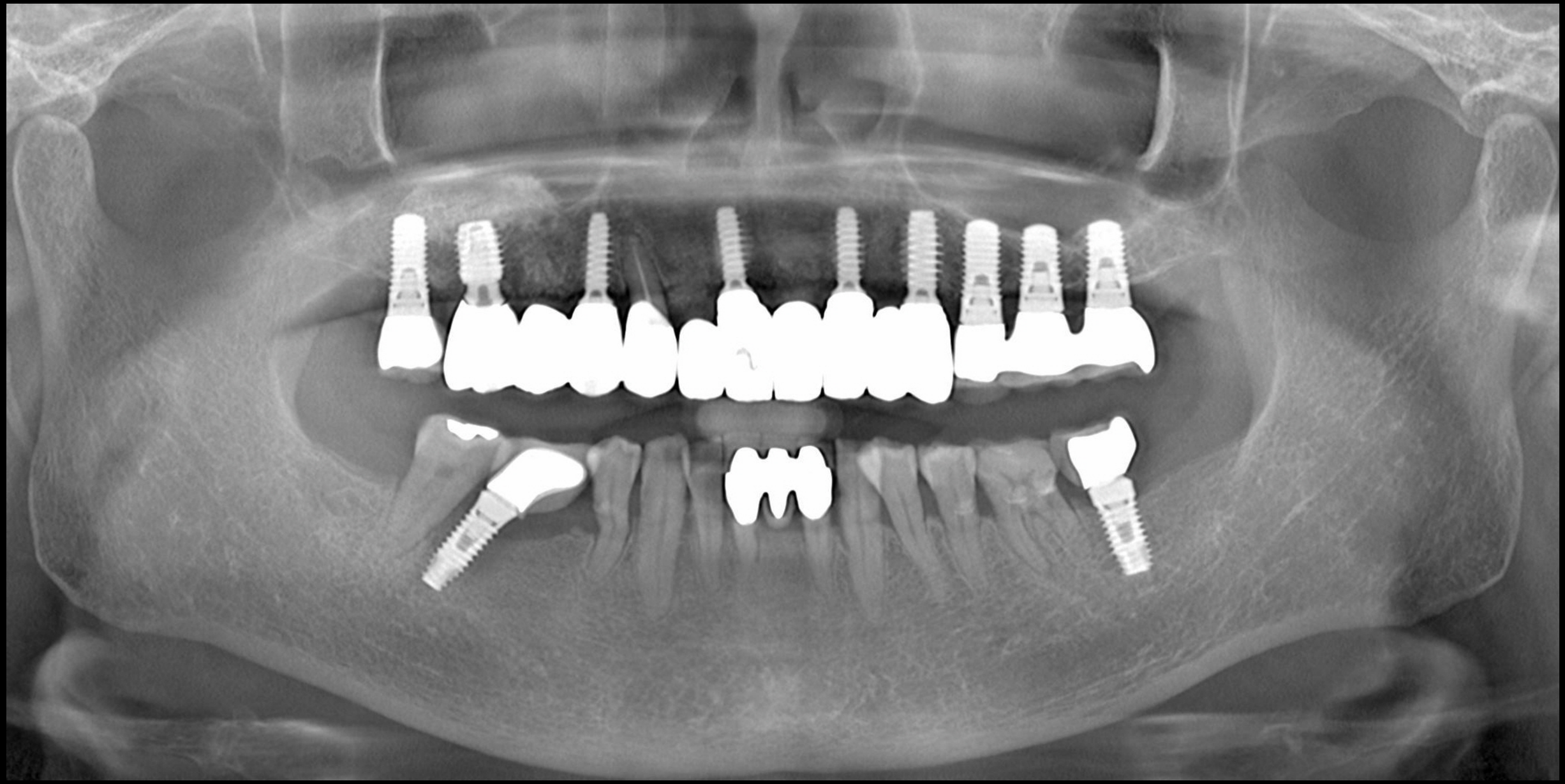
Pre-op (2020-04-01)



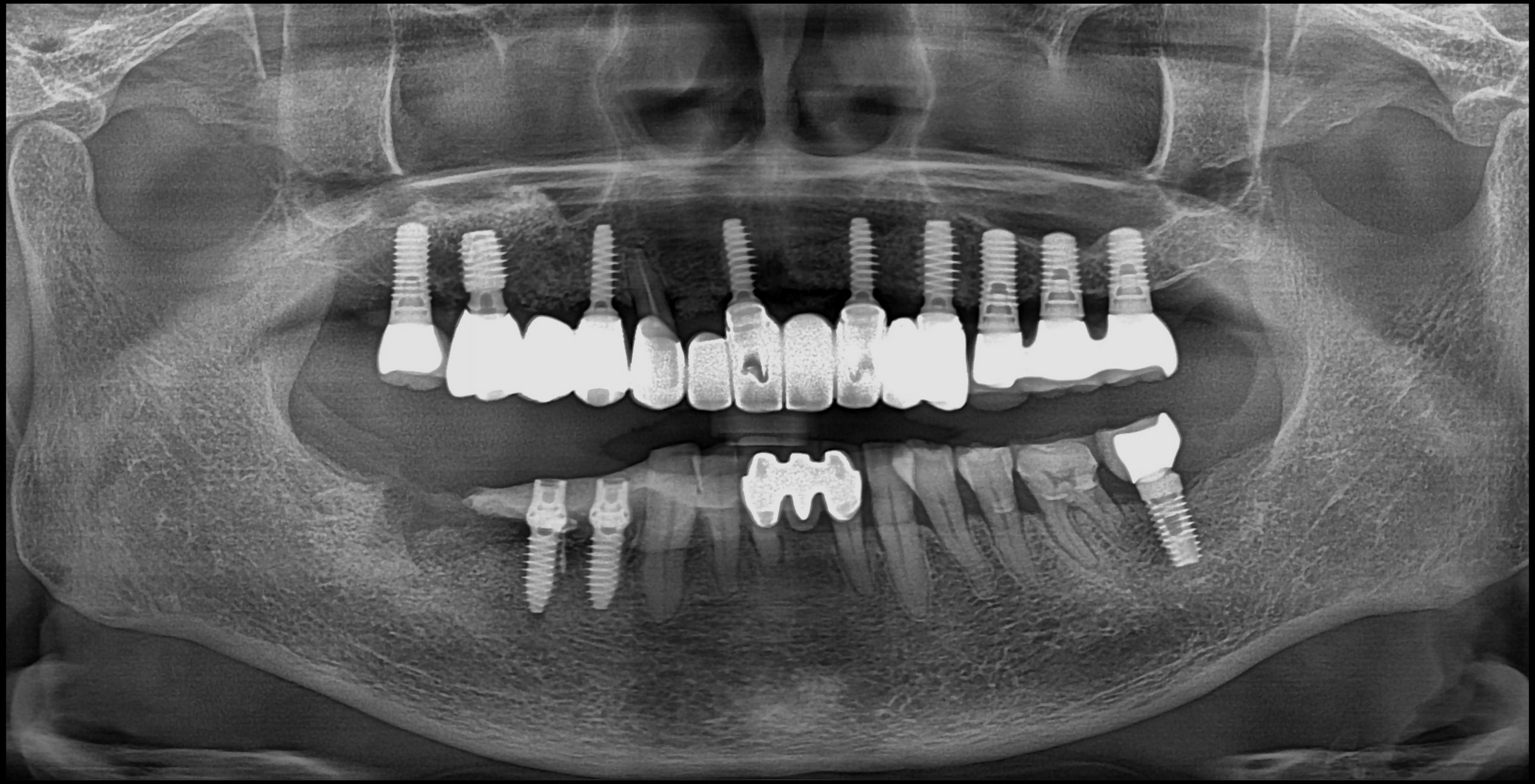
Post-op (2020-04-01)



Final prosthesis (2020-12-16)



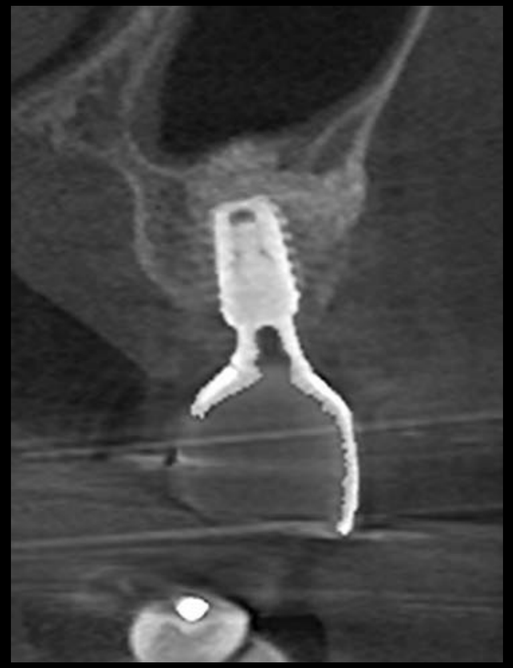
Follow up : 11 months (2021-11-25)



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



#14

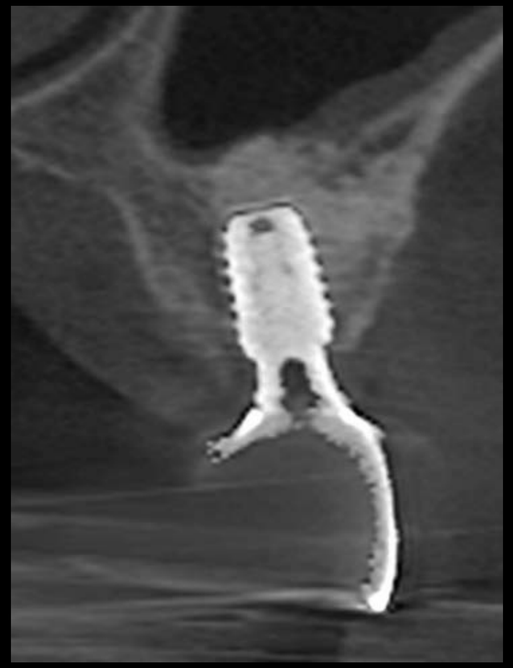


#16

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

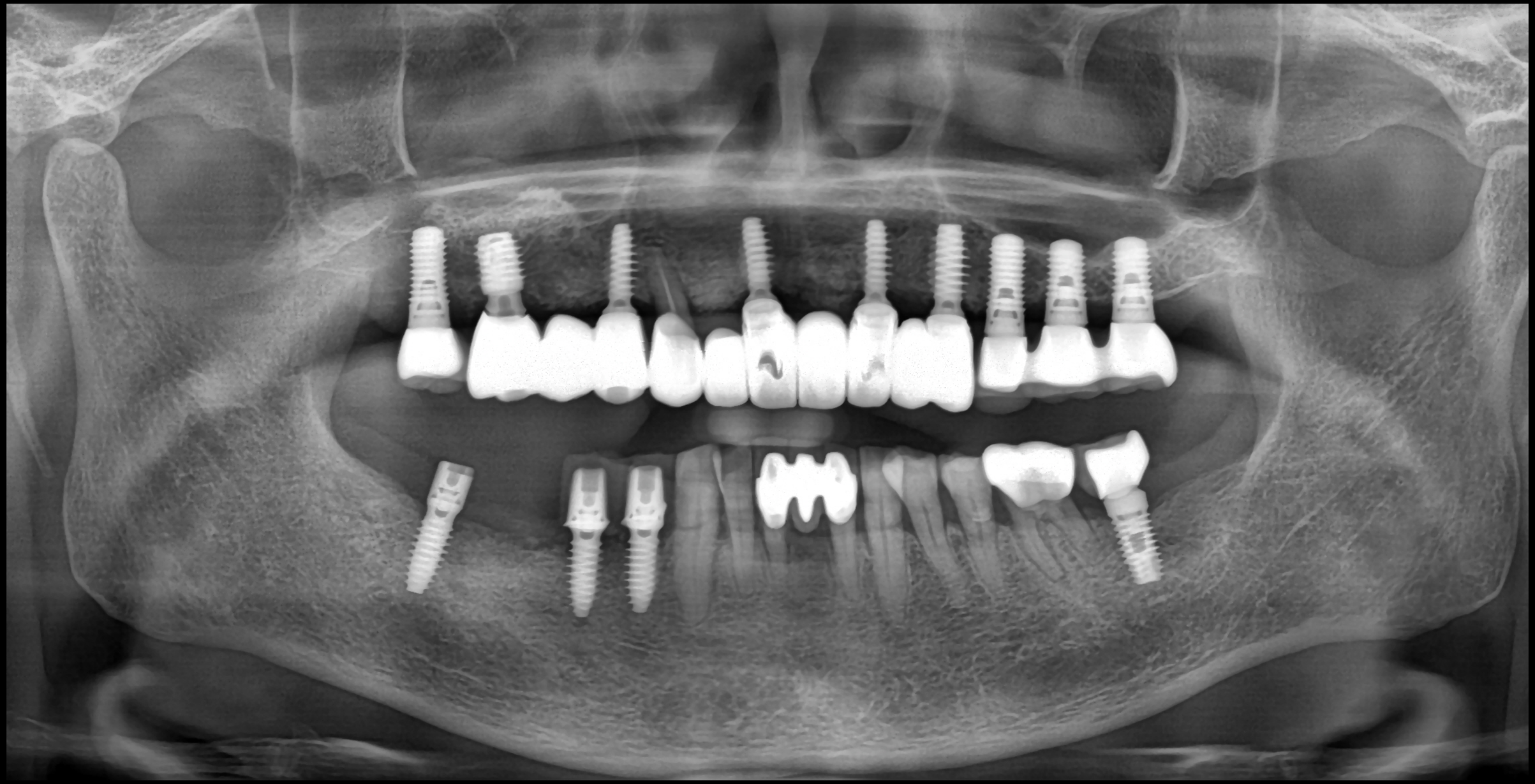


#14

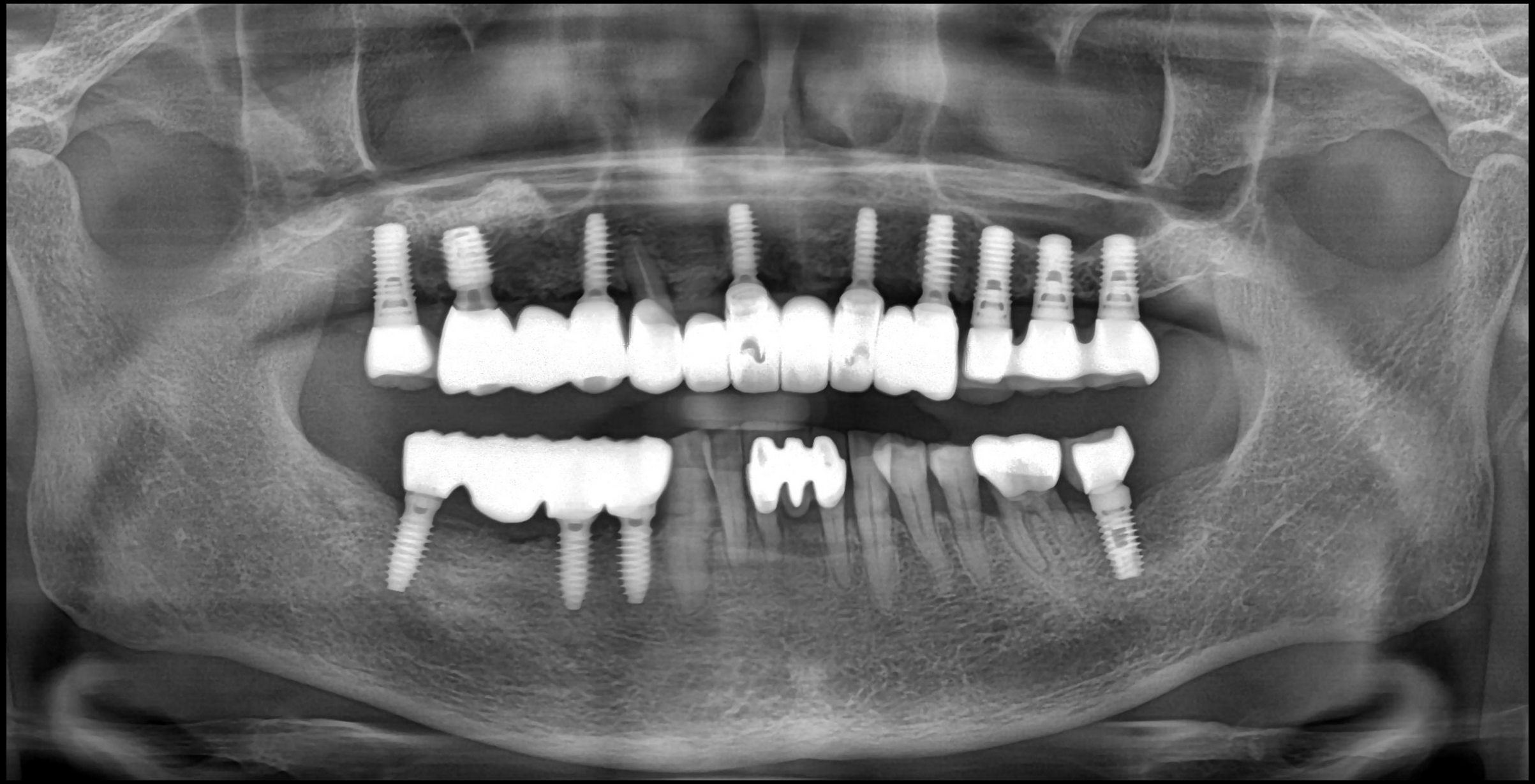


#16

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



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



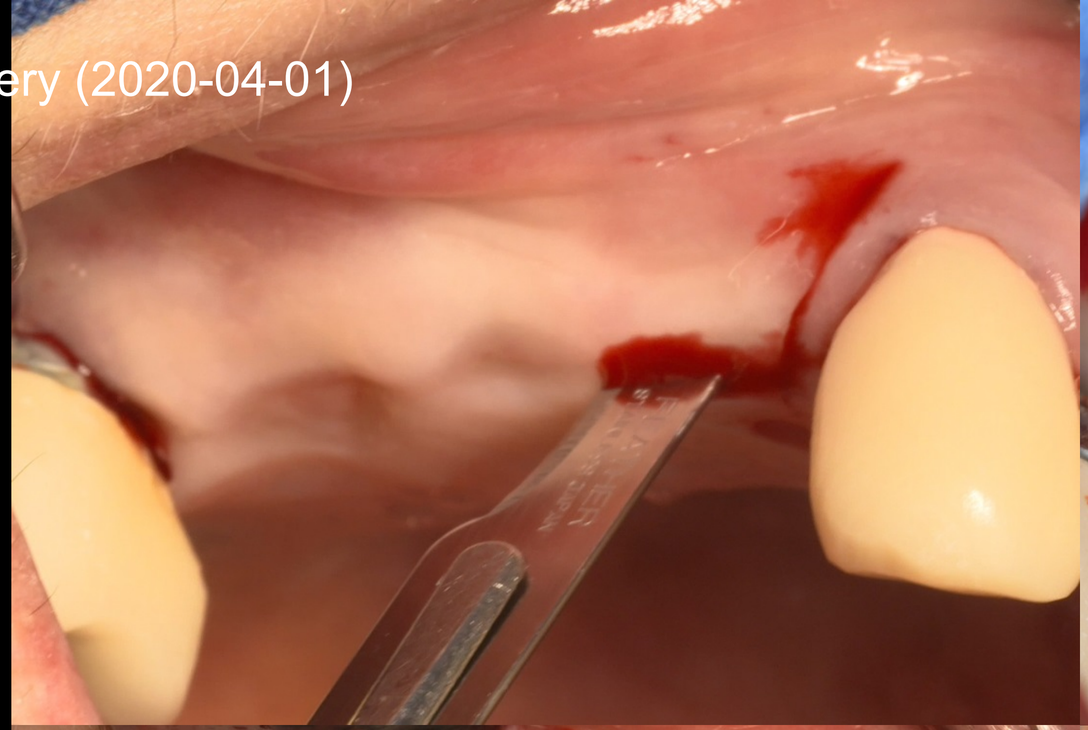
Follow up : 2 years 10 months (2023-11-22)

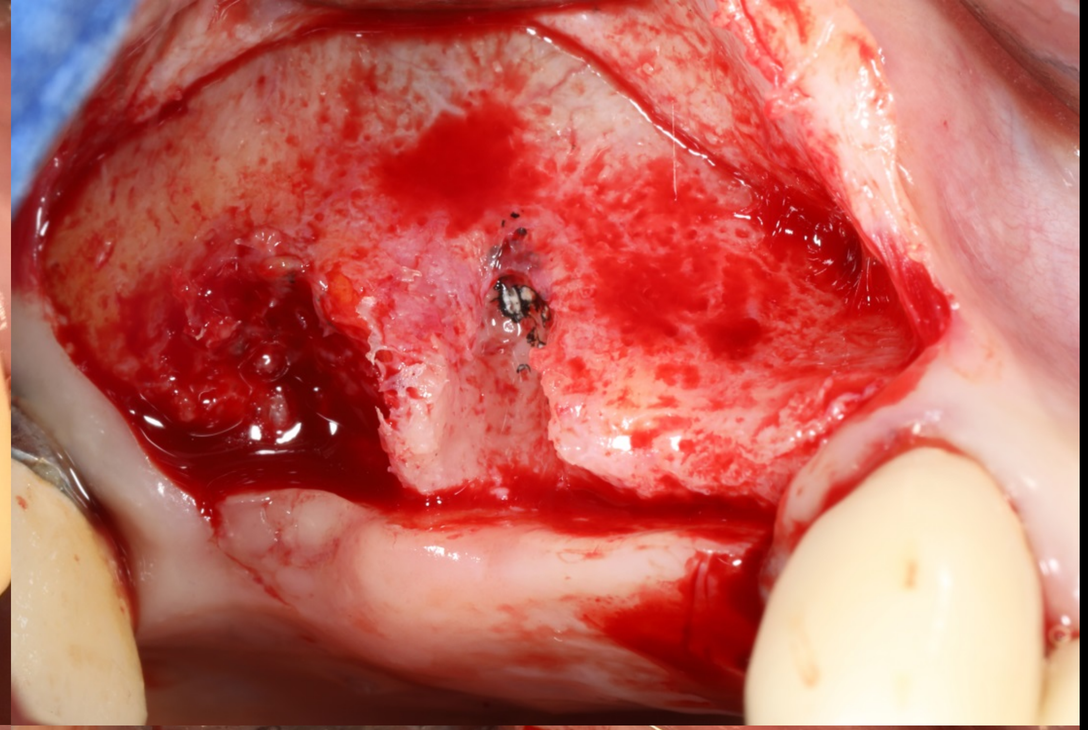


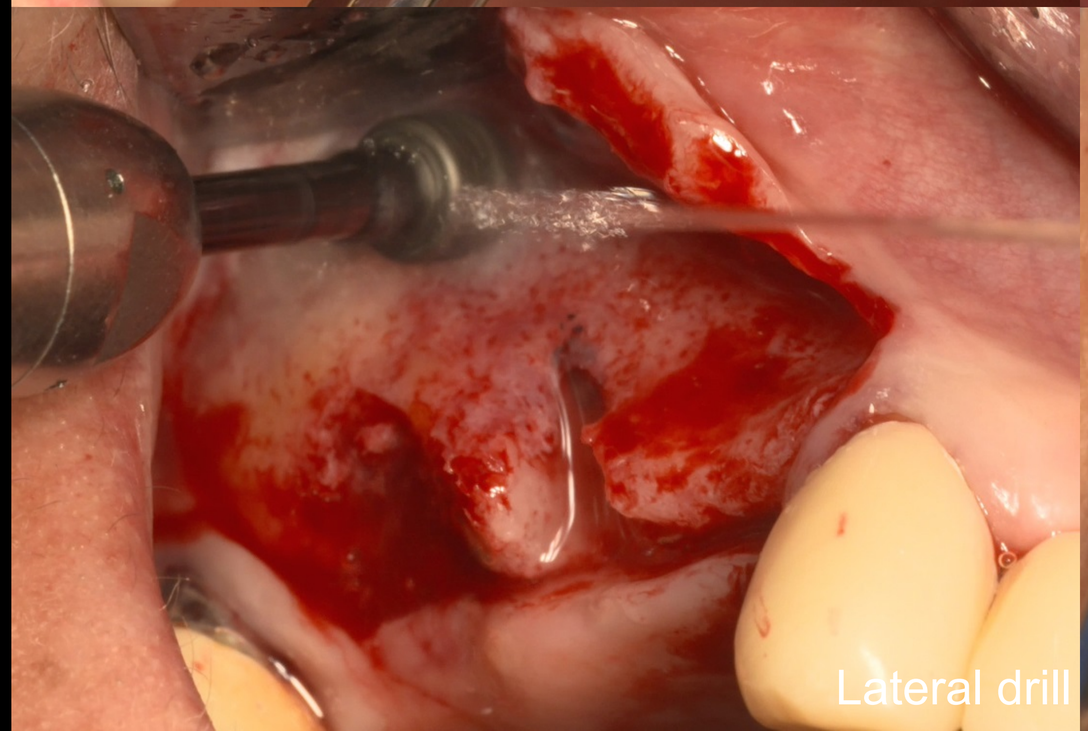
Pre-op (2020-04-01)



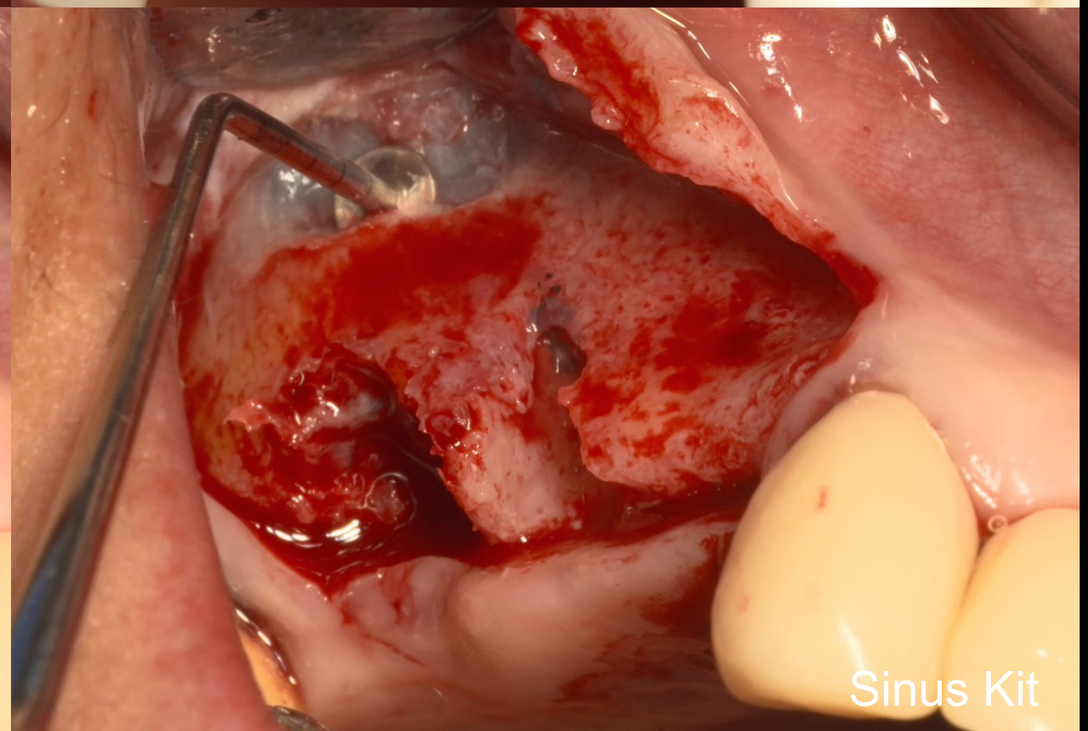
Surgery (2020-04-01)





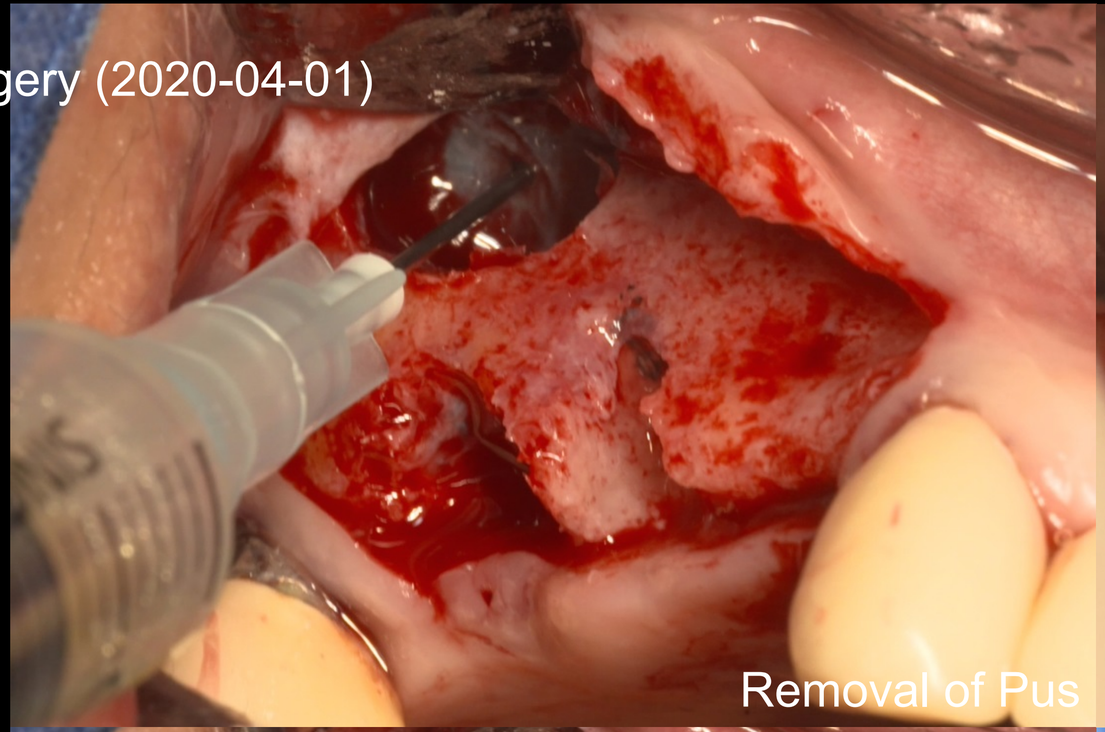


Lateral drill

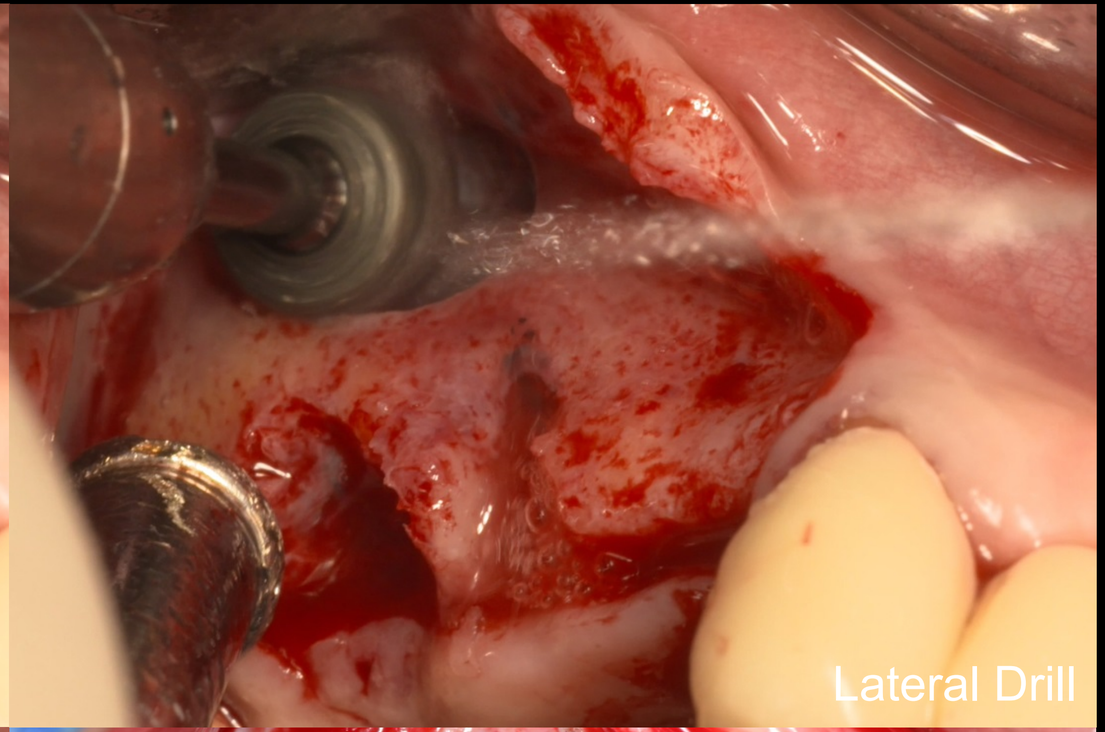


Sinus Kit

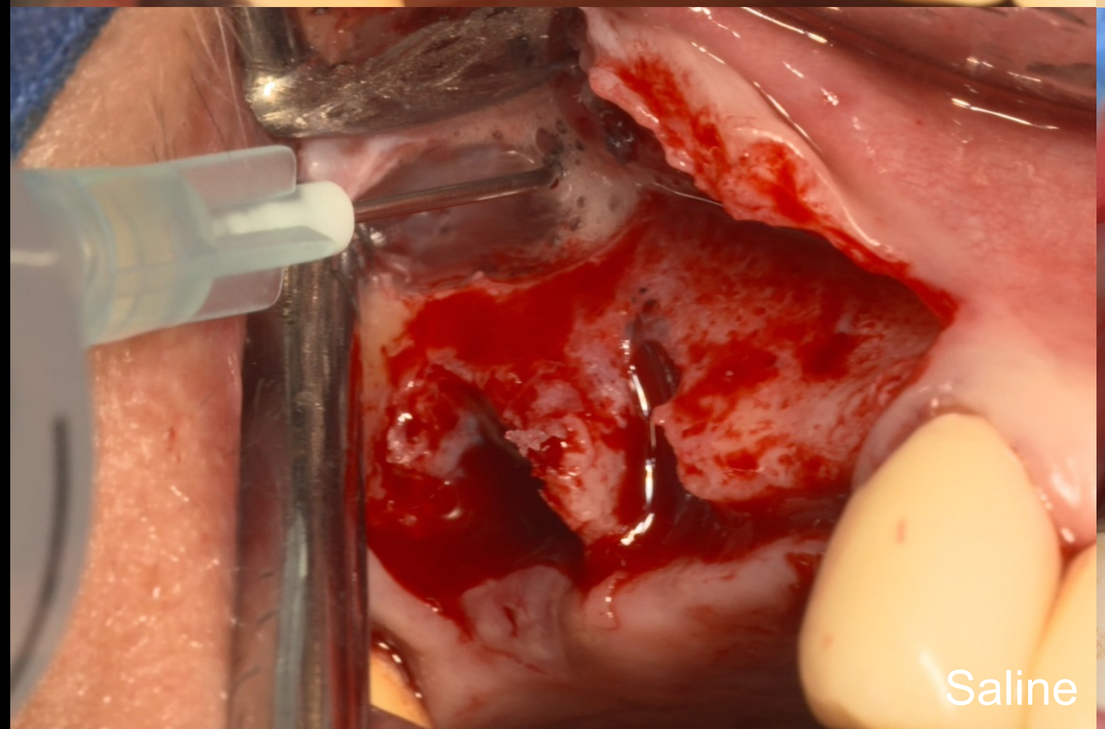
Surgery (2020-04-01)



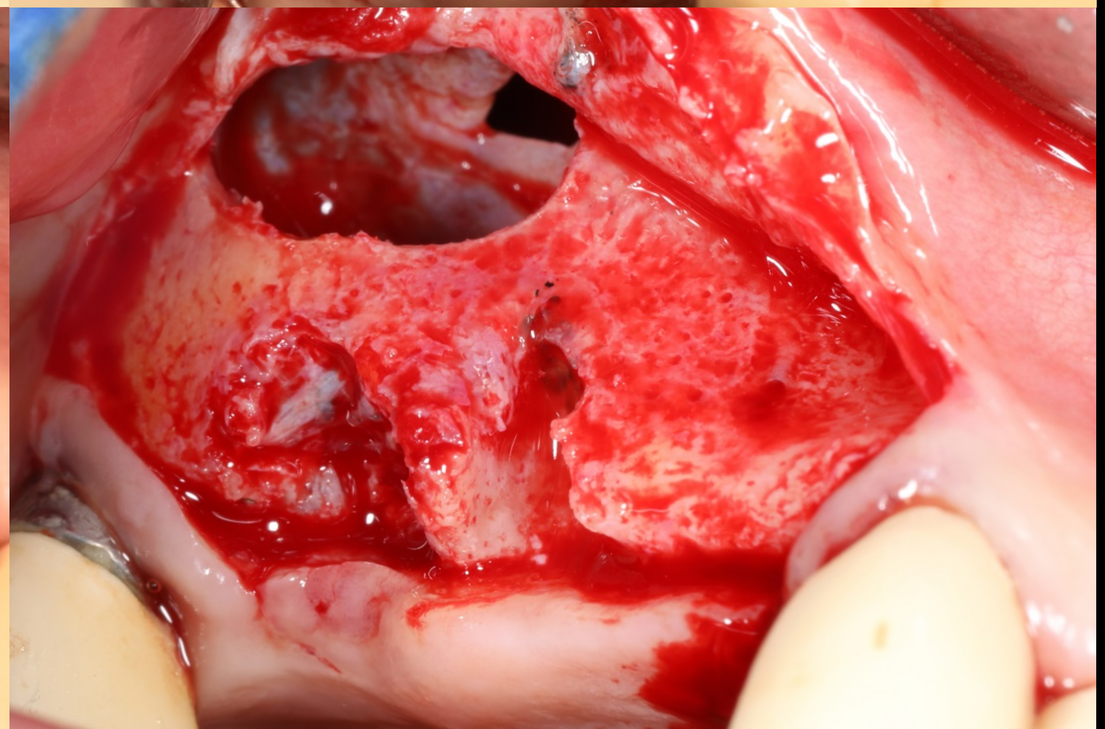
Removal of Pus



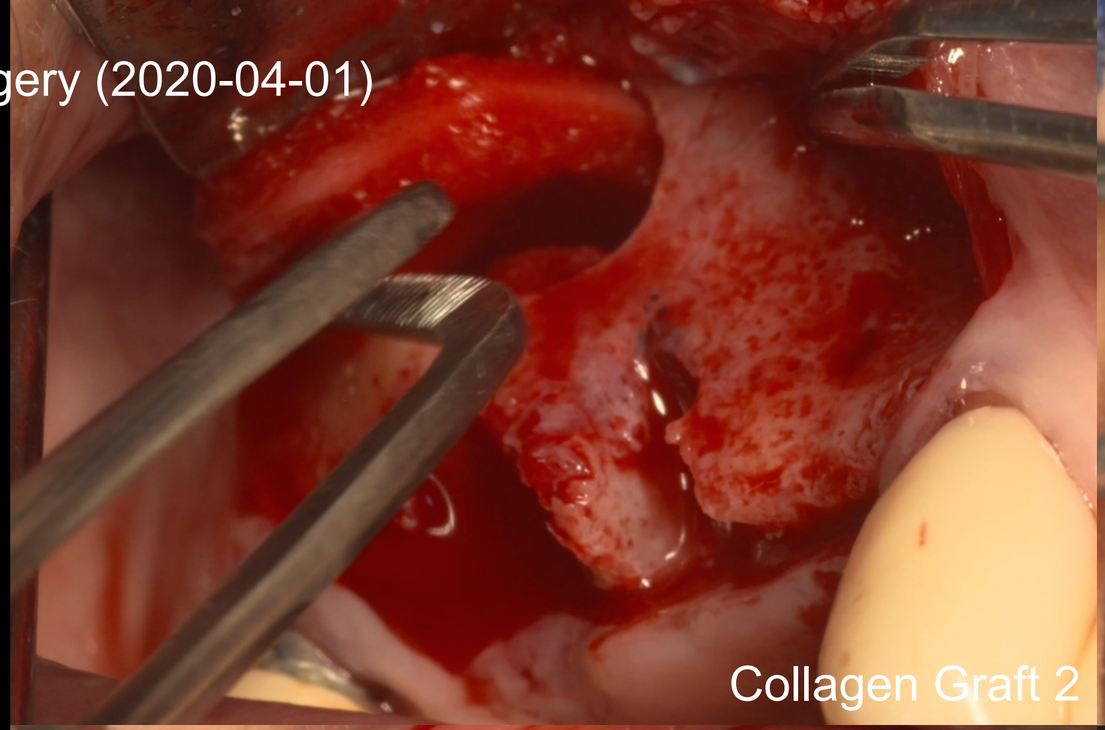
Lateral Drill



Saline



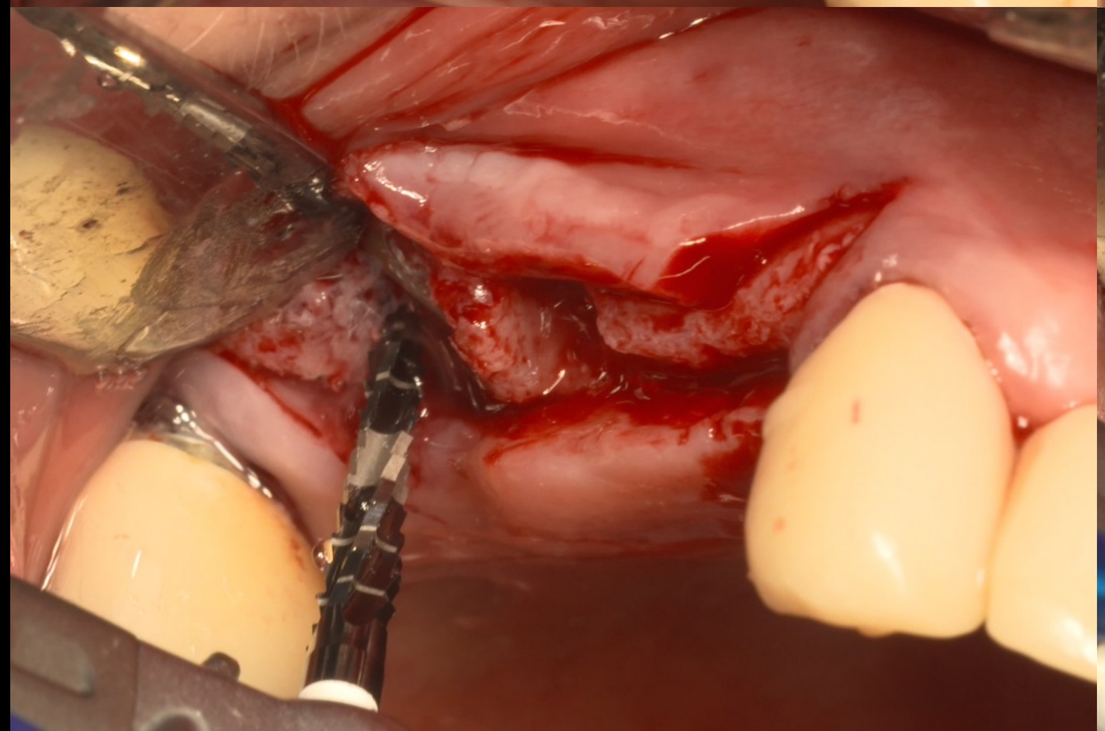
Surgery (2020-04-01)

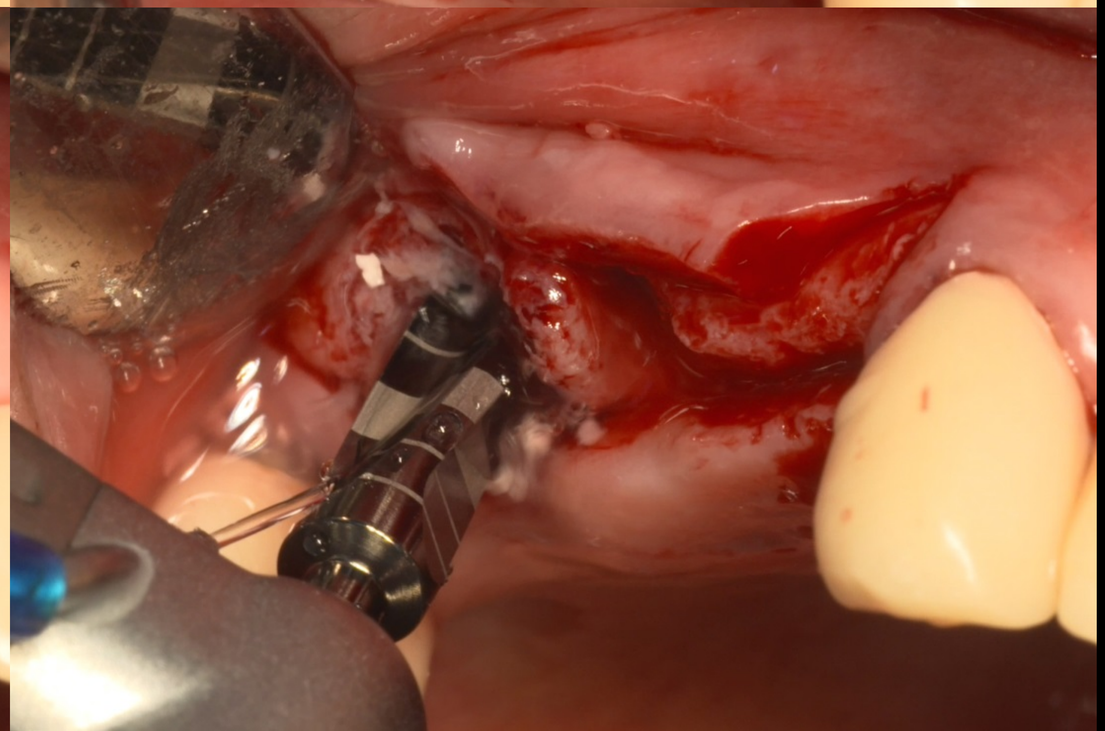


Collagen Graft 2

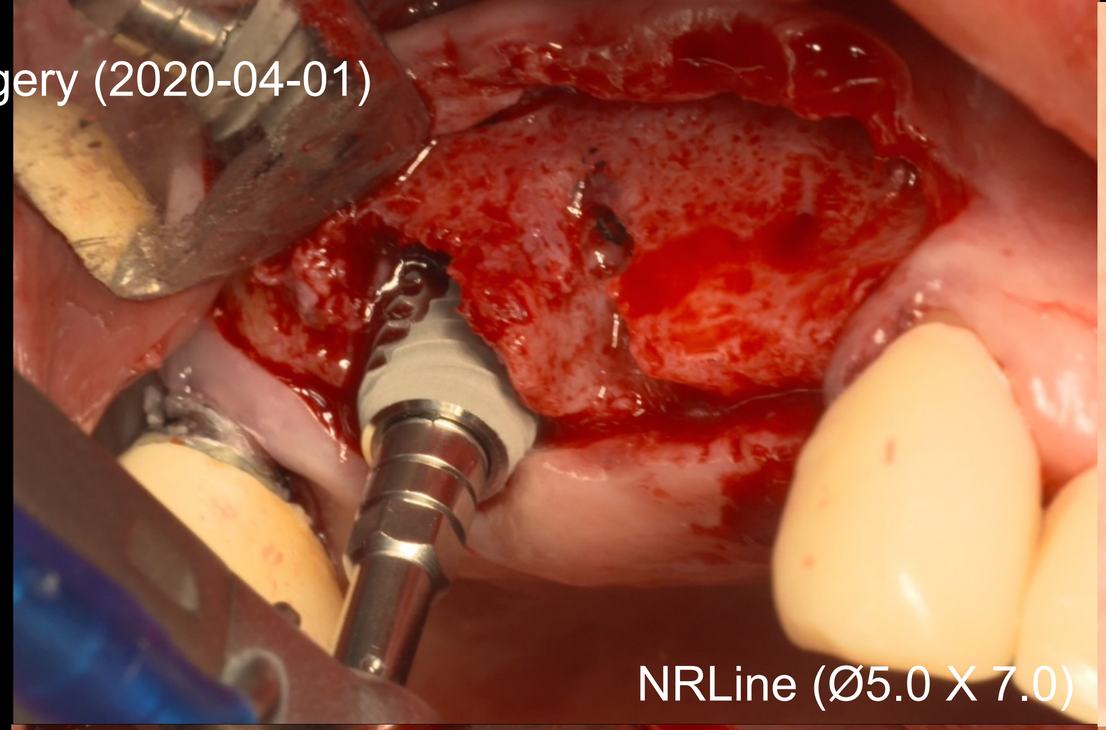


OSTEON™ 3 Collagen

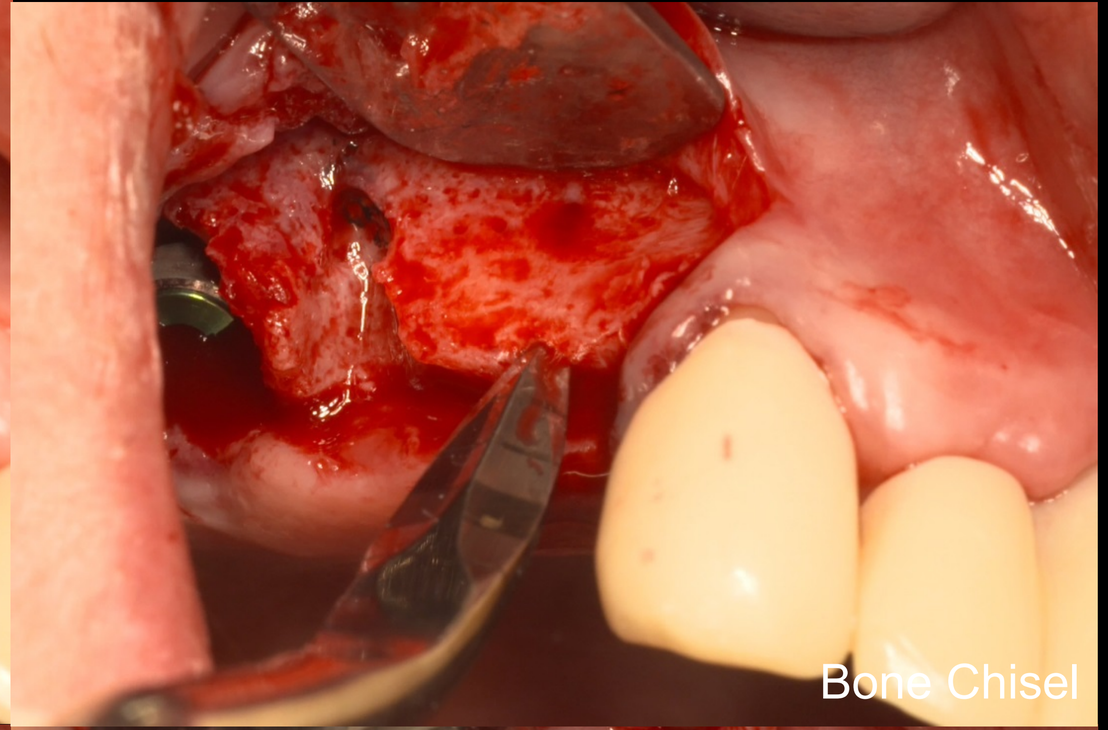




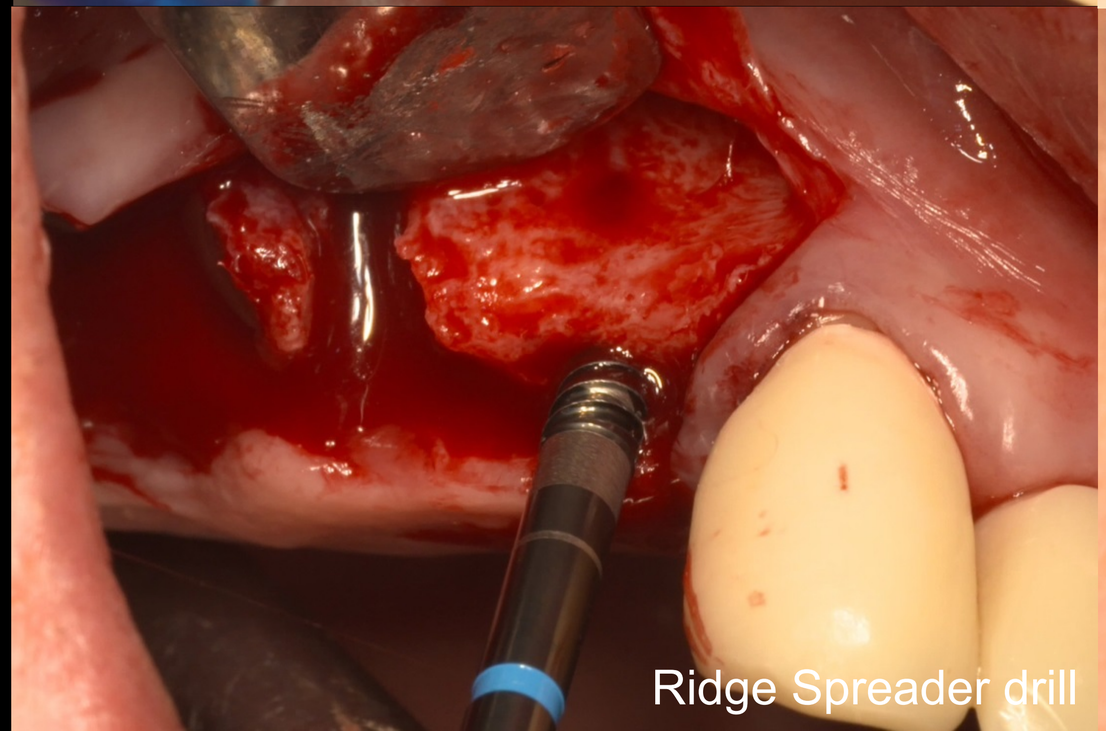
Surgery (2020-04-01)



NRLine (Ø5.0 X 7.0)



Bone Chisel

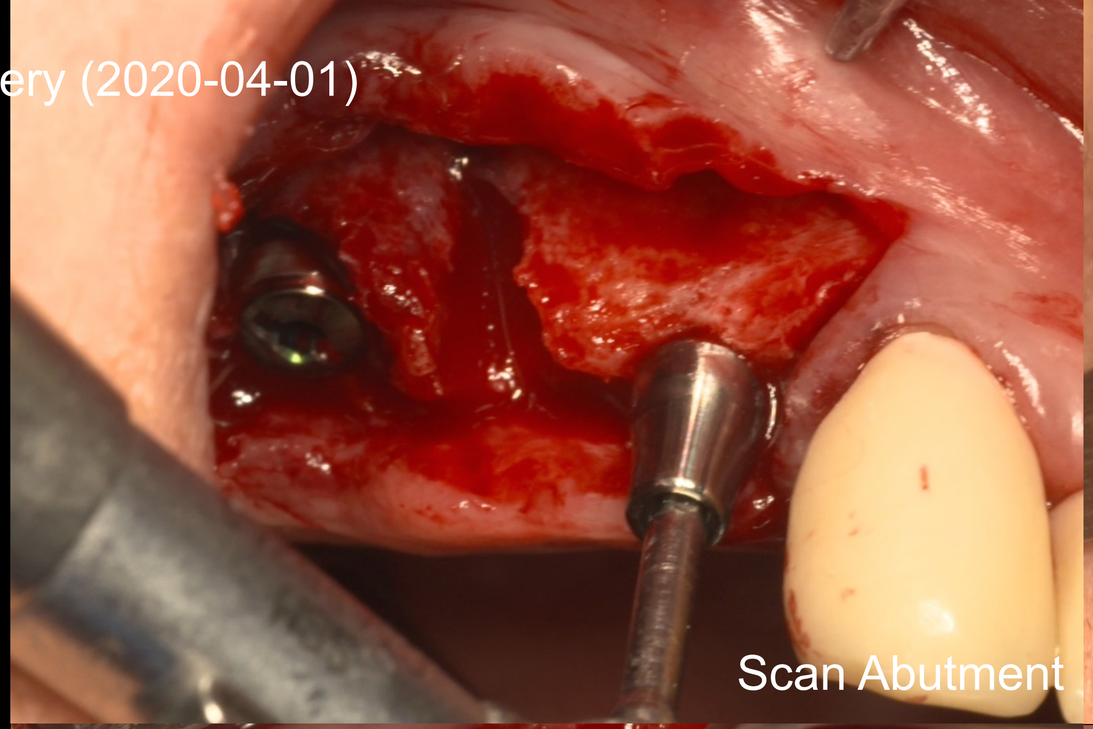


Ridge Spreader drill



bright TL (Ø3.0 X 9.0)

Surgery (2020-04-01)



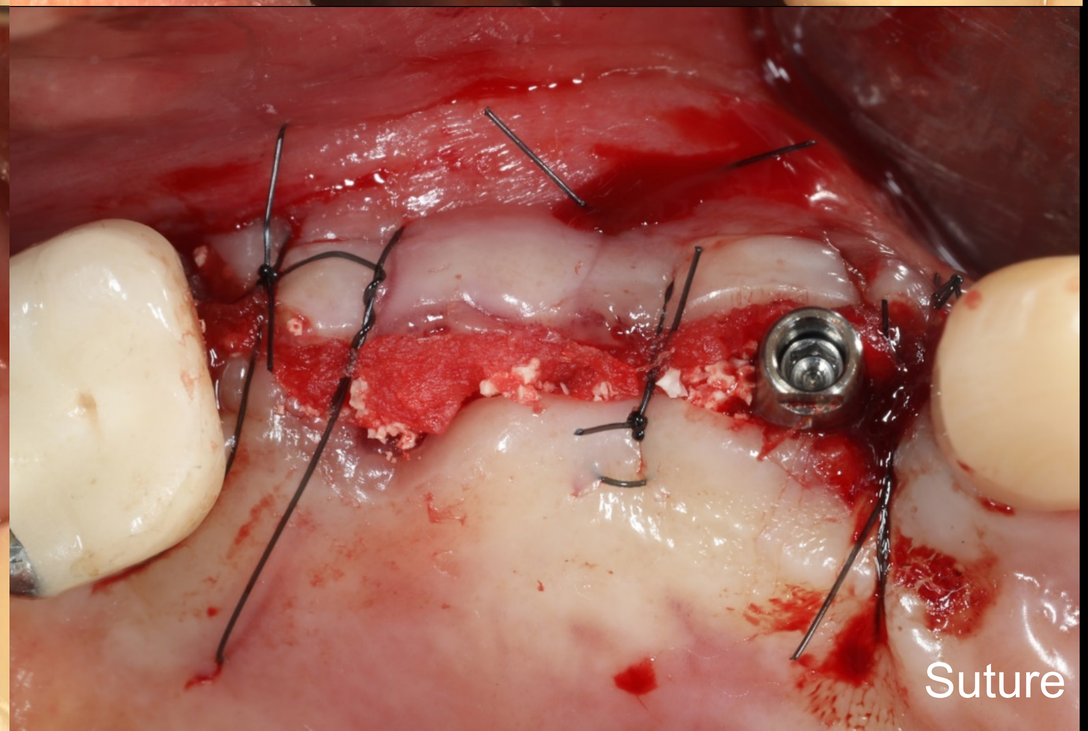
Scan Abutment



OSTEON™ 3 Collagen

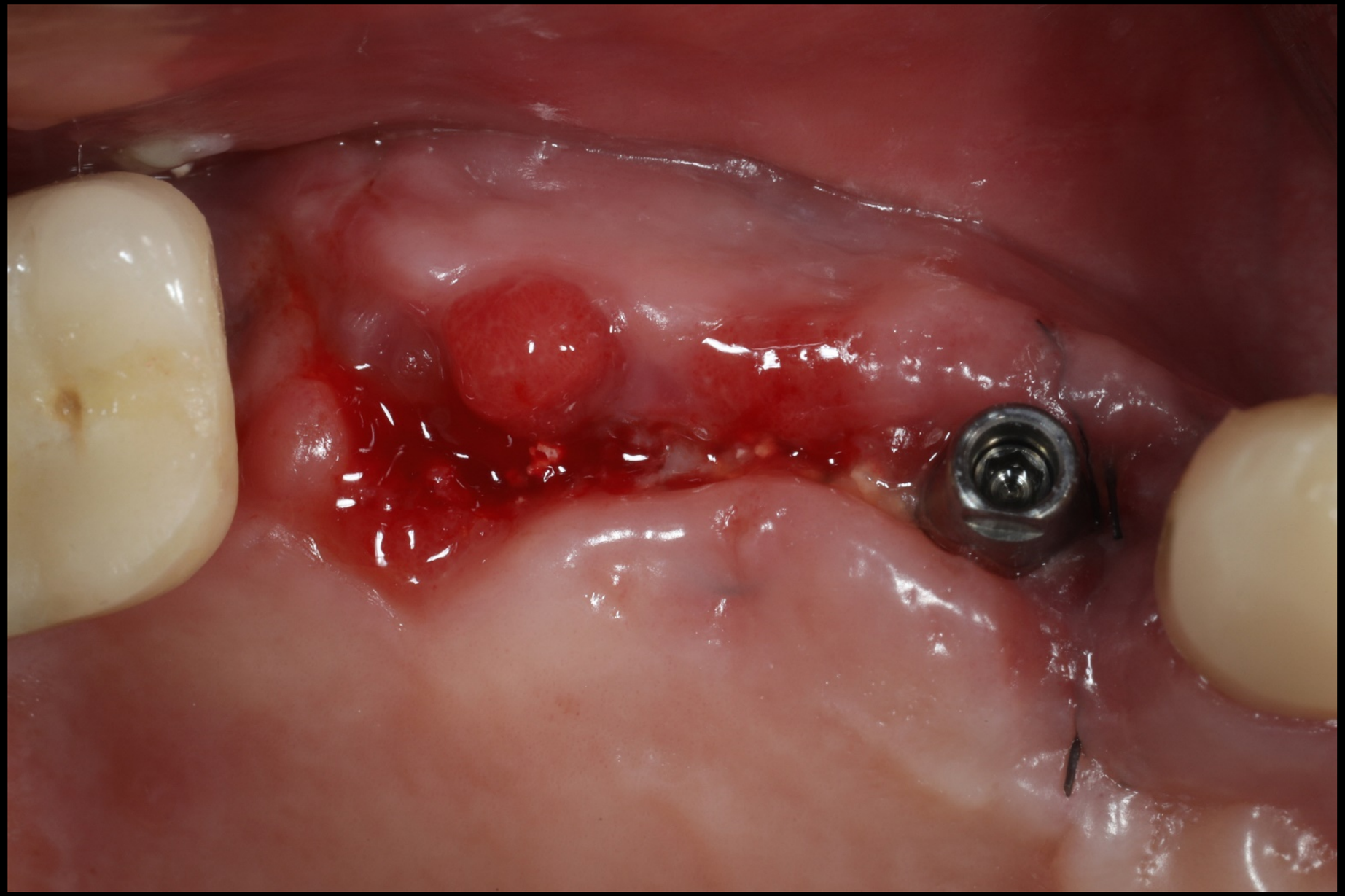


Collagen Graft 2

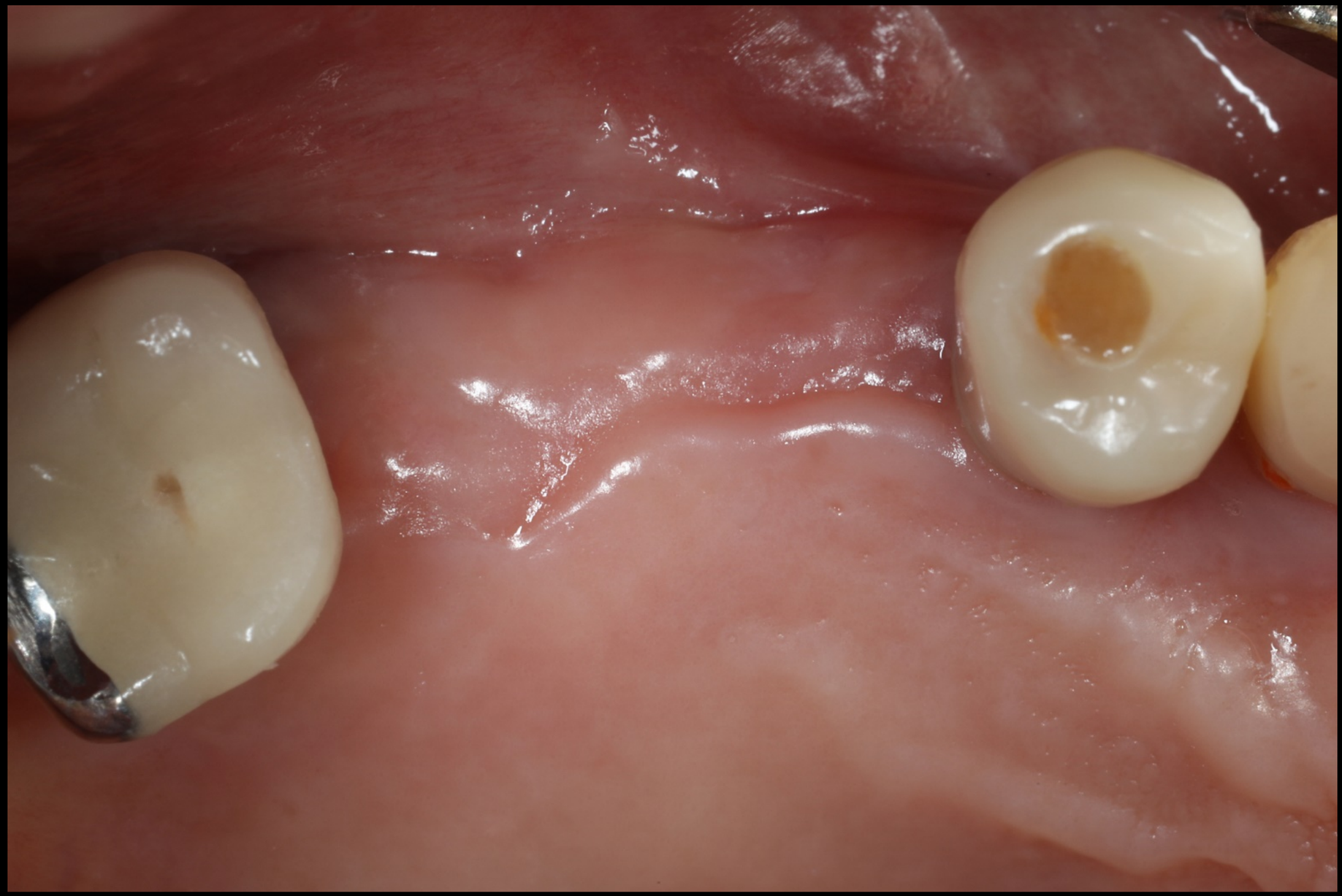


Suture

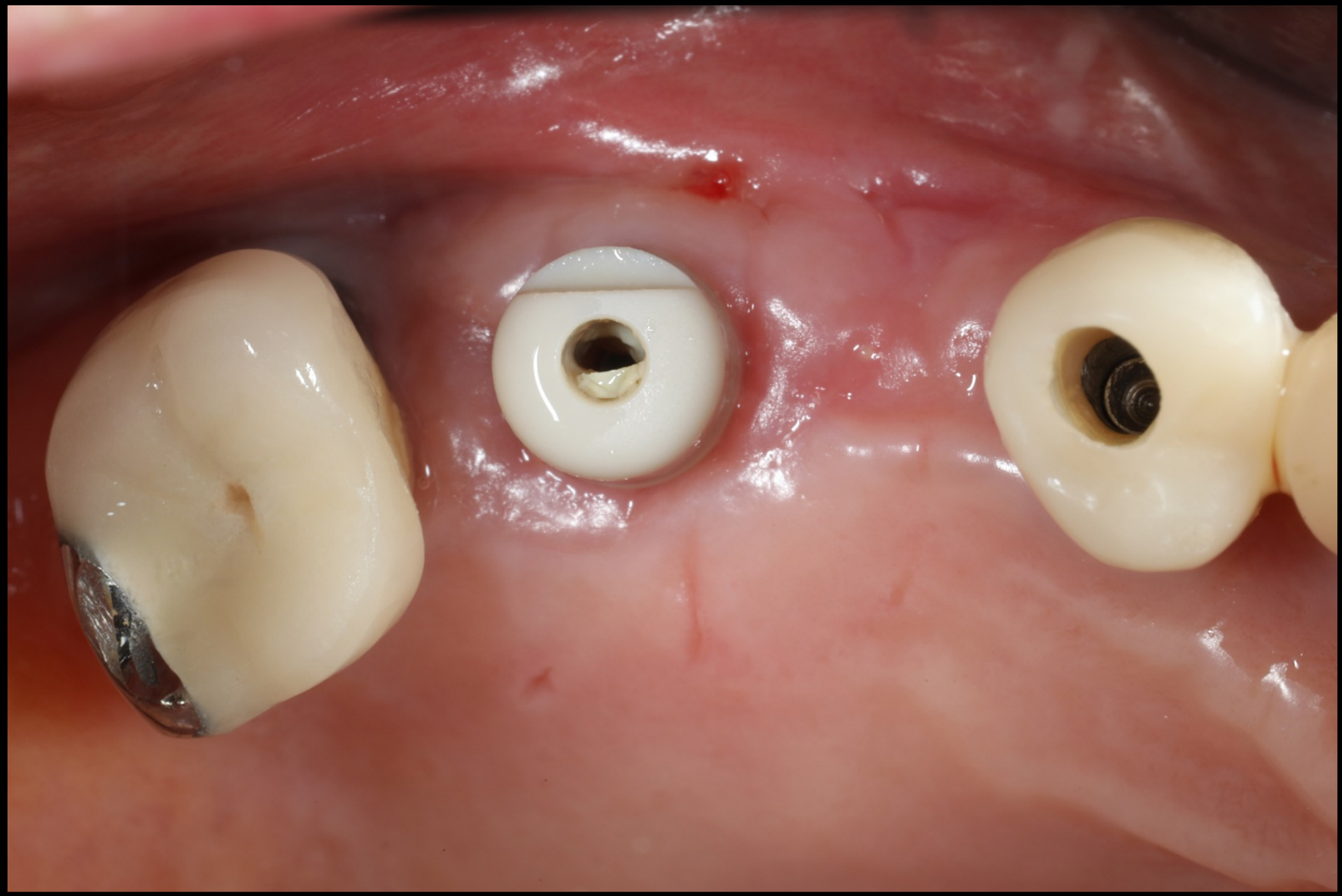
Healing : 2 weeks (2020-04-15)



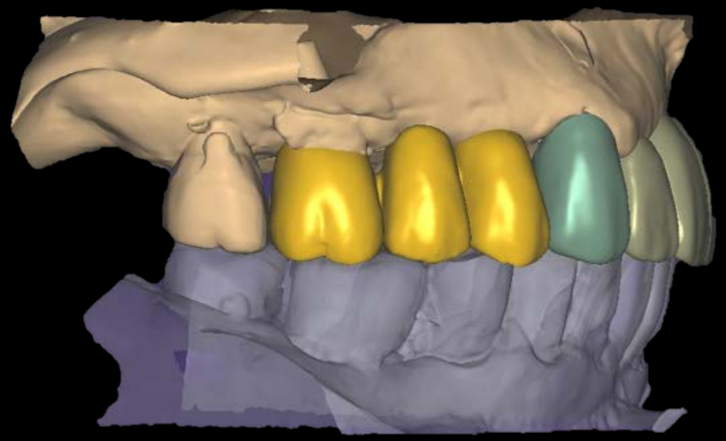
Healing : 8 months (2020-11-25)

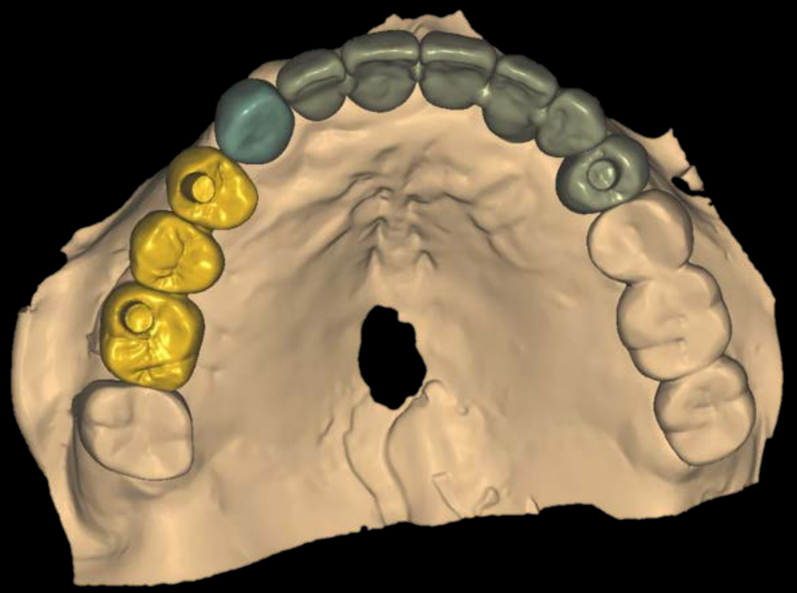


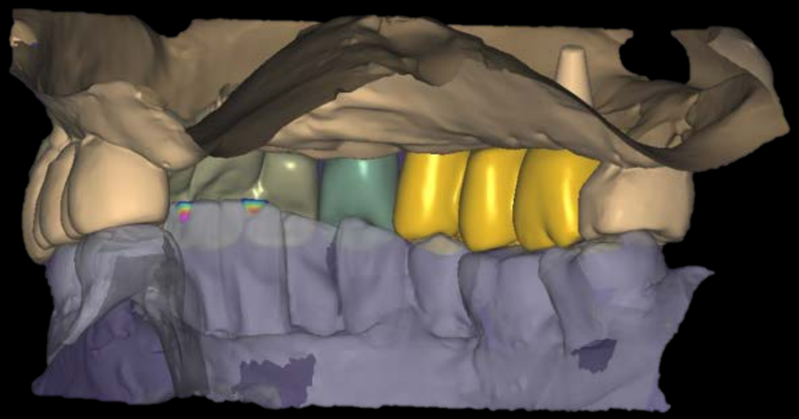
Healing : 3 weeks (After 2nd Surgery) (2020-12-16)

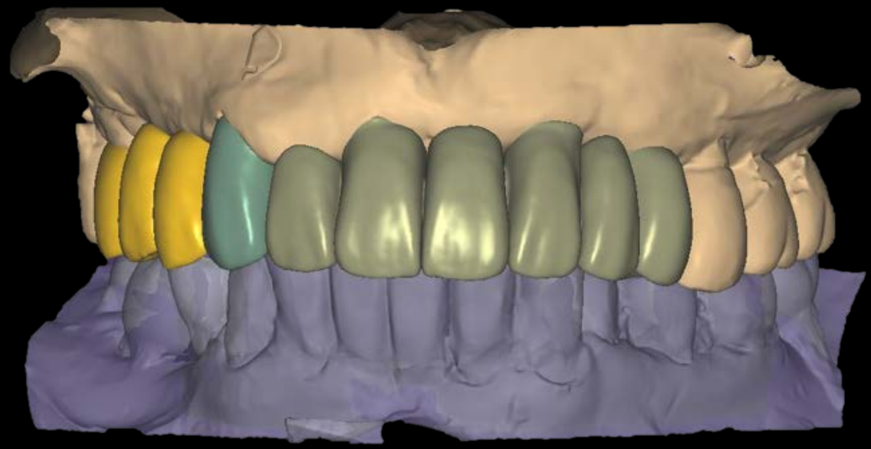


CAD (Final)

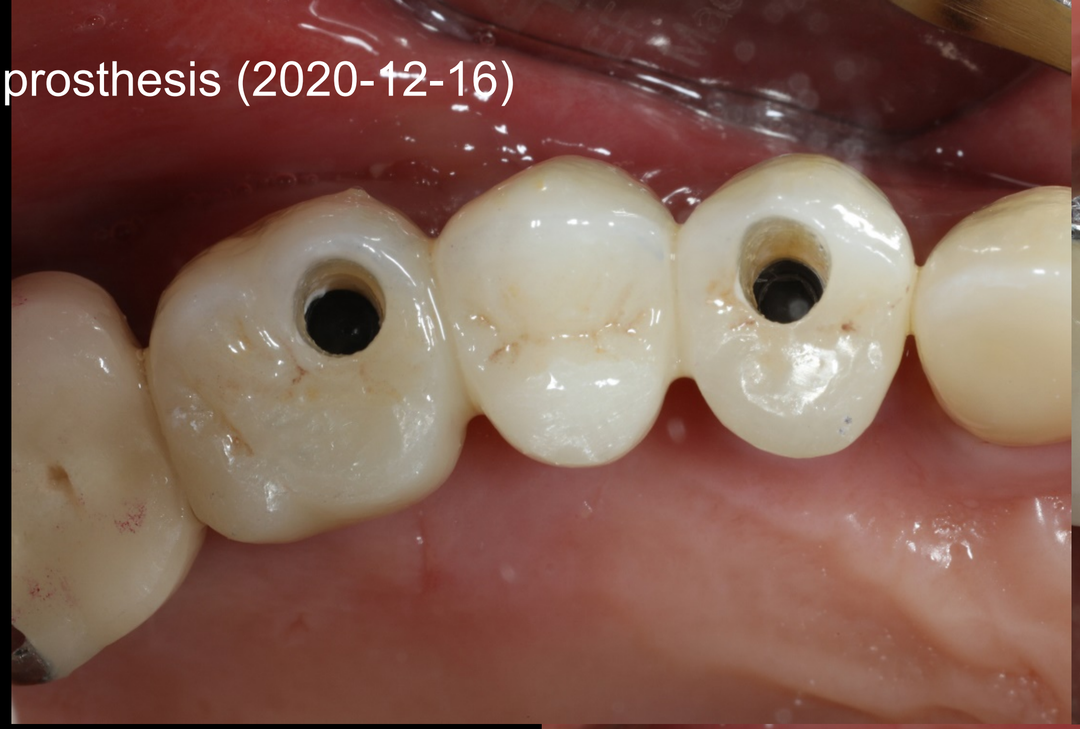








Final prosthesis (2020-12-16)







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





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



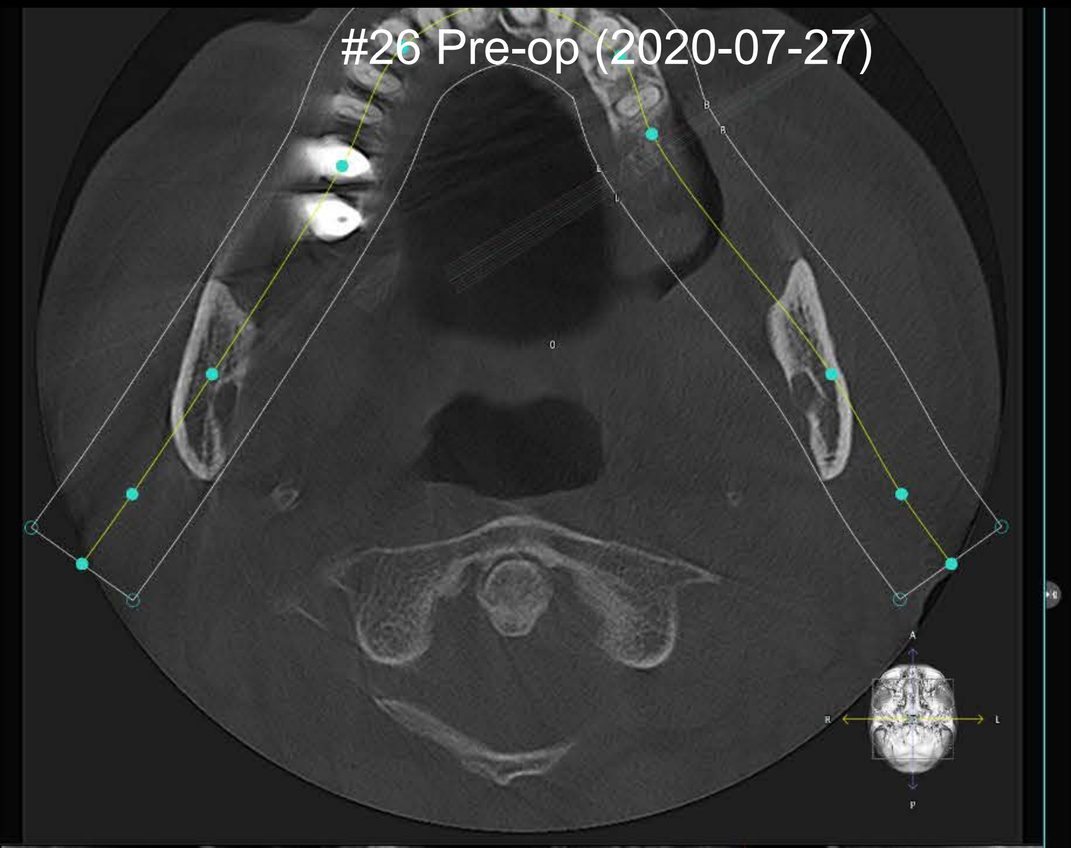


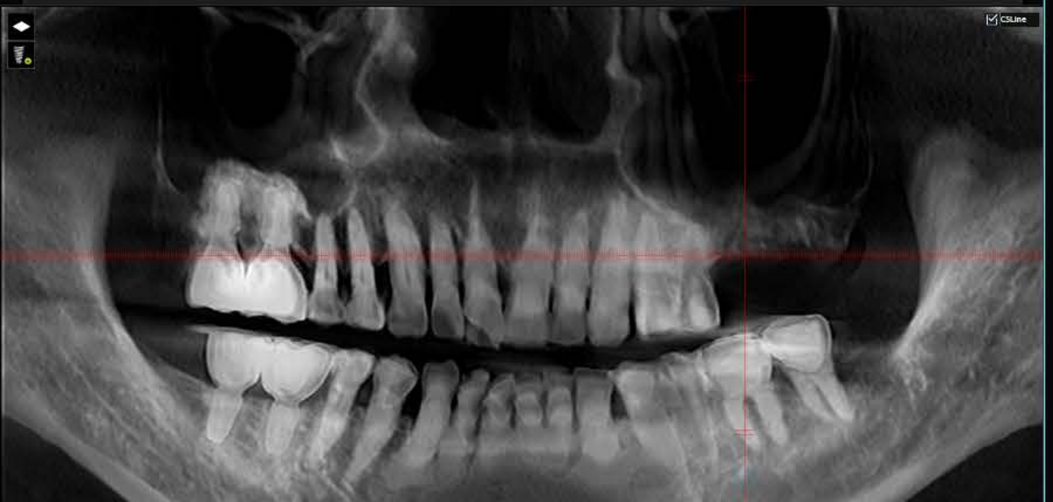


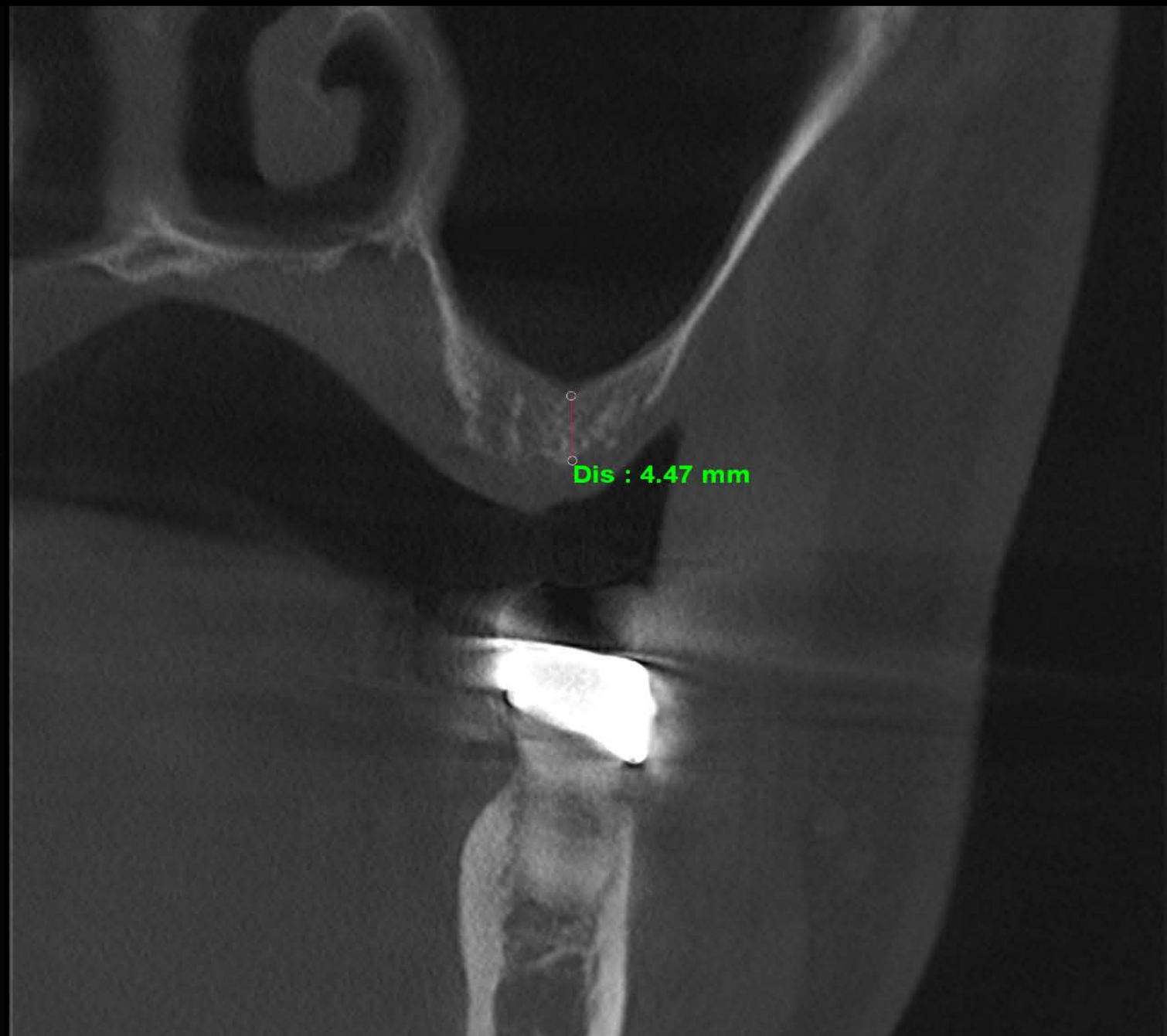
Overcoming Sinus membrane perforation using OSTEON™ 3 Collagen

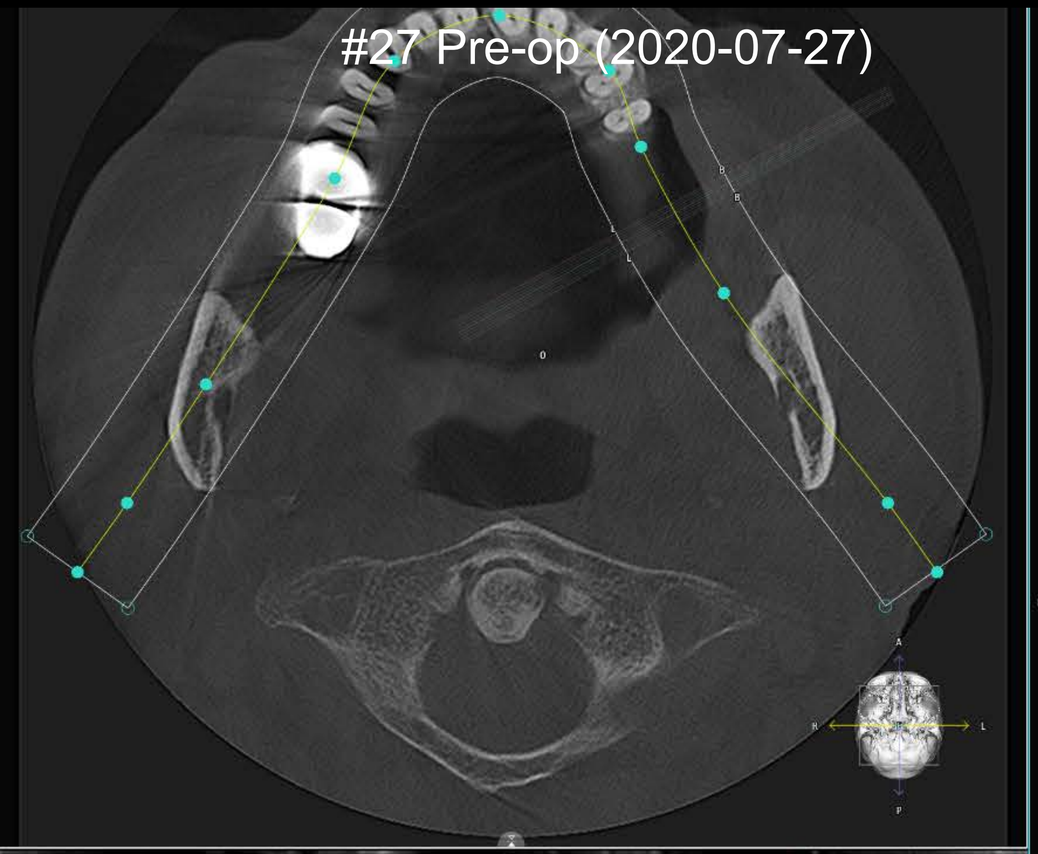
(bright Bone Level, OSTEON™ 3 Collagen, Collagen Membrane,
Collagen Graft 2, Sinus Kit, Digital Guide(F))

Pt. 1949 / M

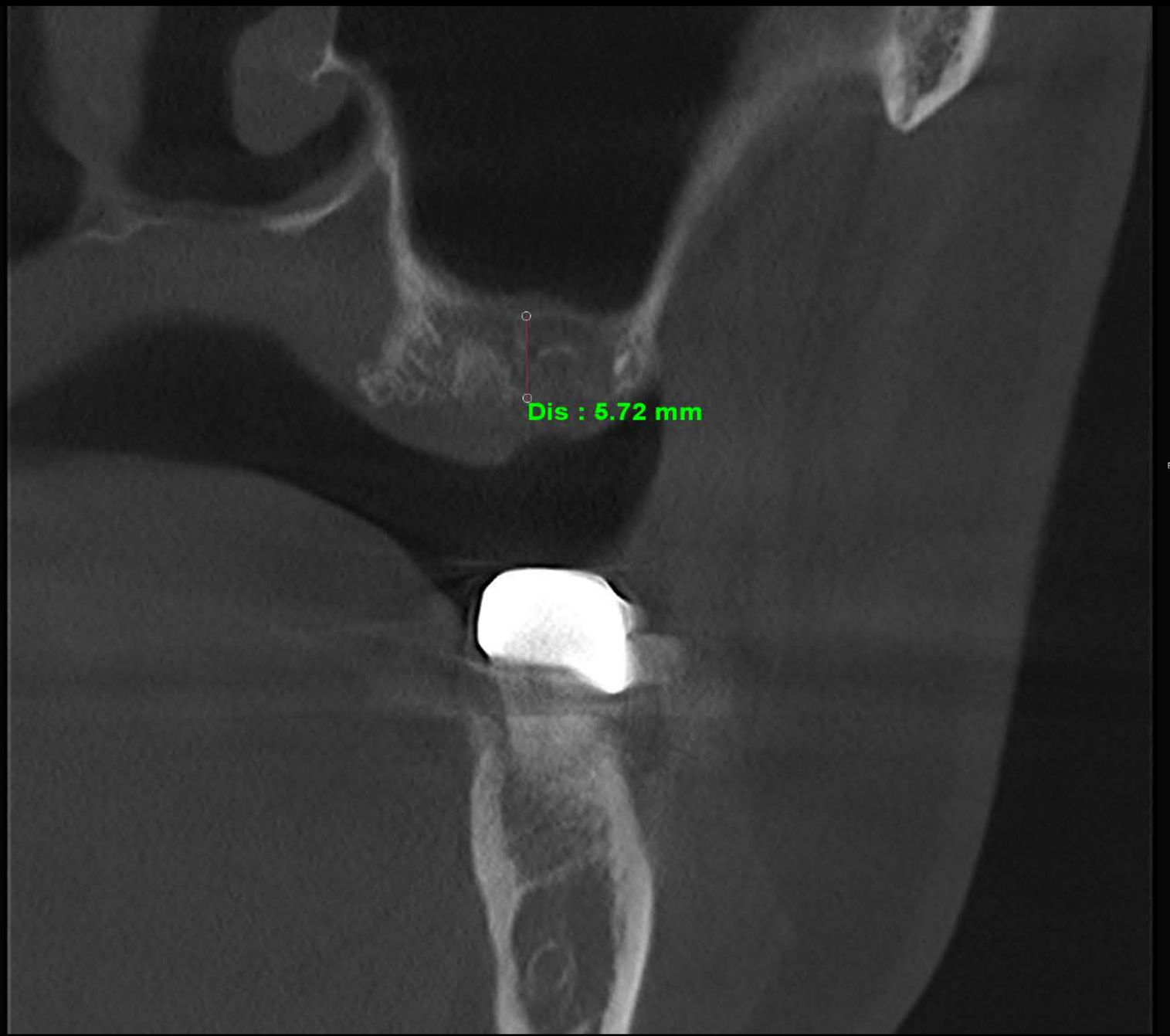

#26 Pre-op (2020-07-27)
A
R
L
P

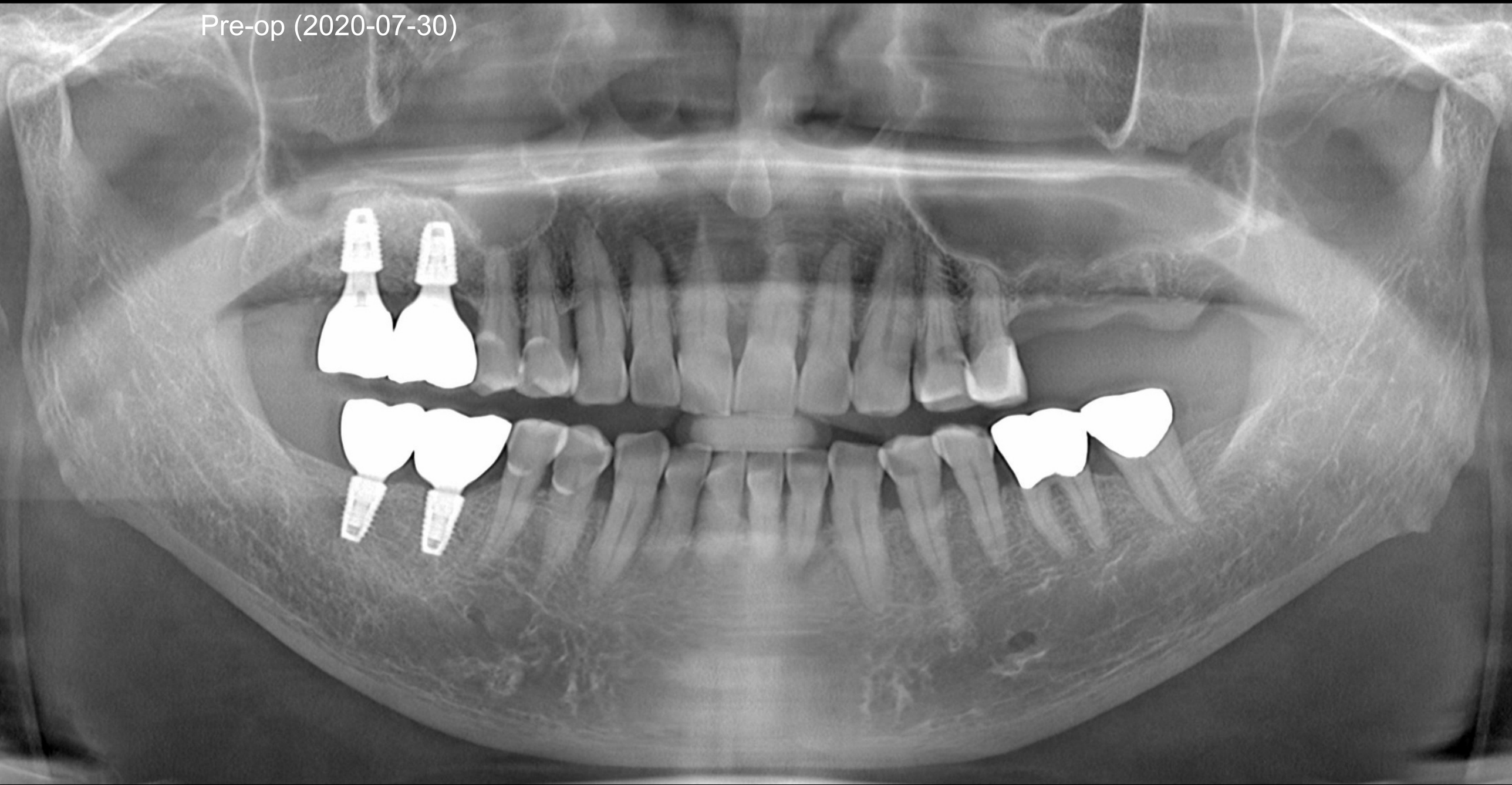

CSLine


Dis : 4.47 mm

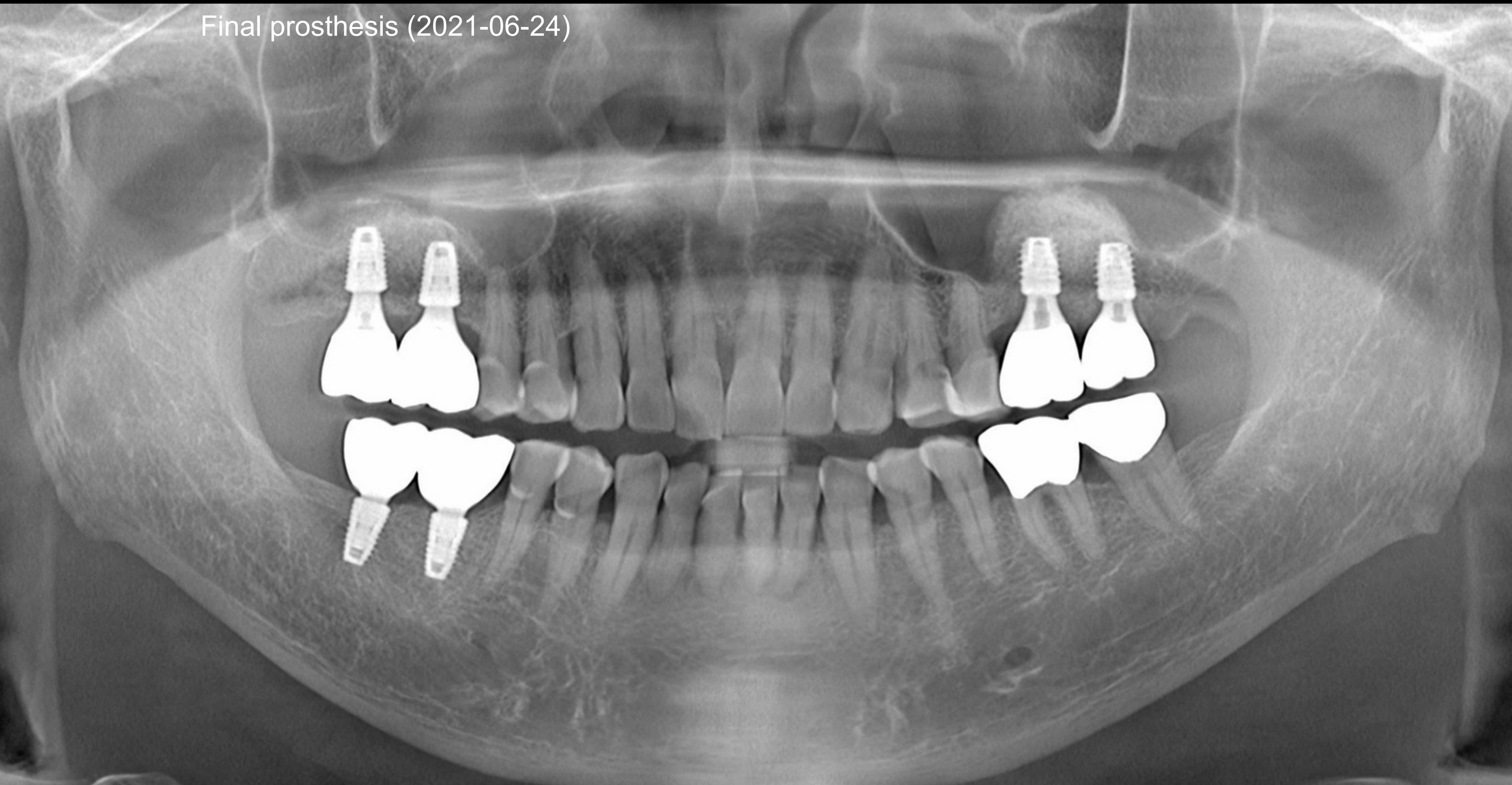

#27 Pre-op (2020-07-27)
A
R
L
P


CSLine


Dis : 5.72 mm


Pre-op (2020-07-30)


Post-op (2020-08-07)


Final prosthesis (2021-06-24)

Pre-op (2020-07-30)





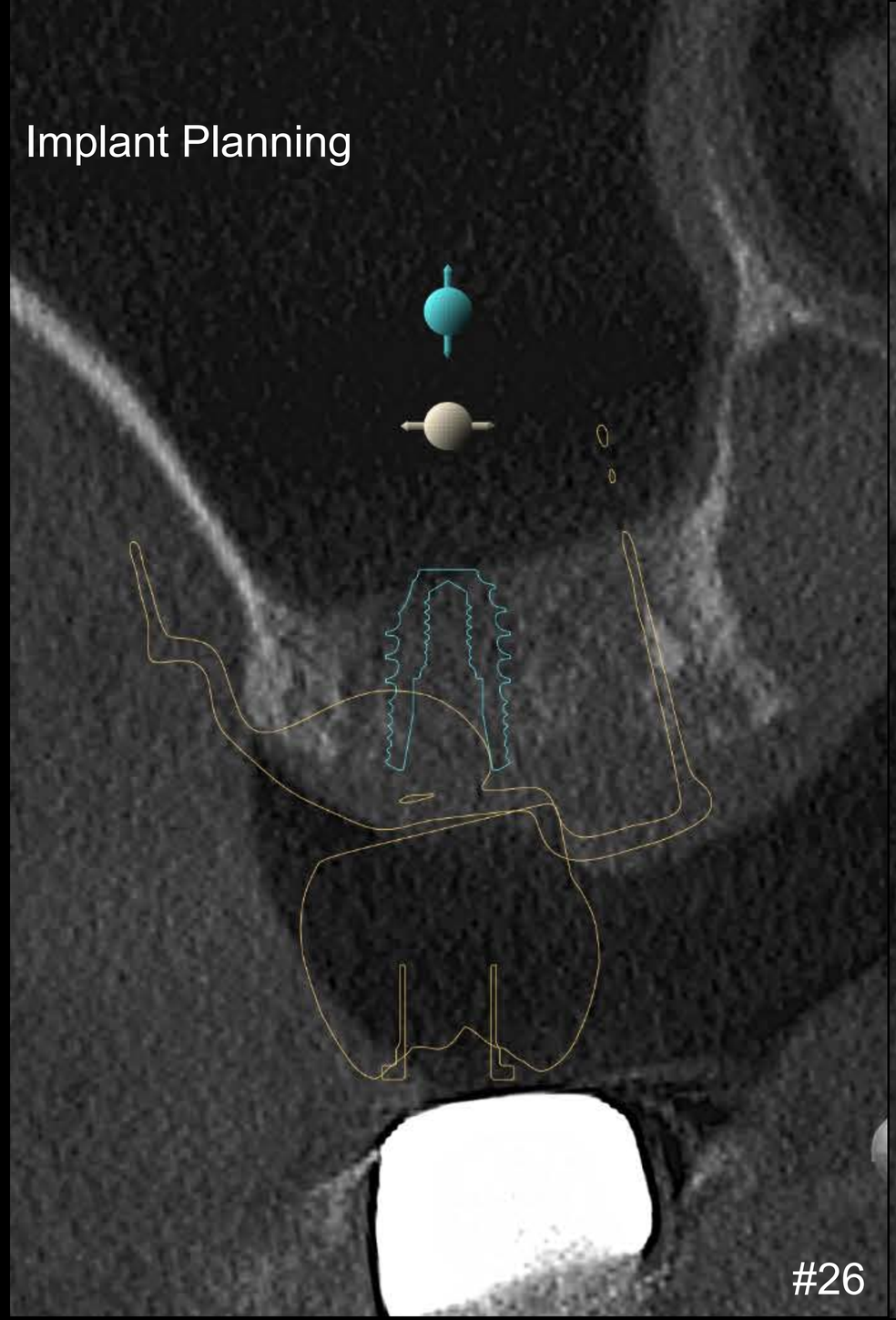
Intra Oral Scanning



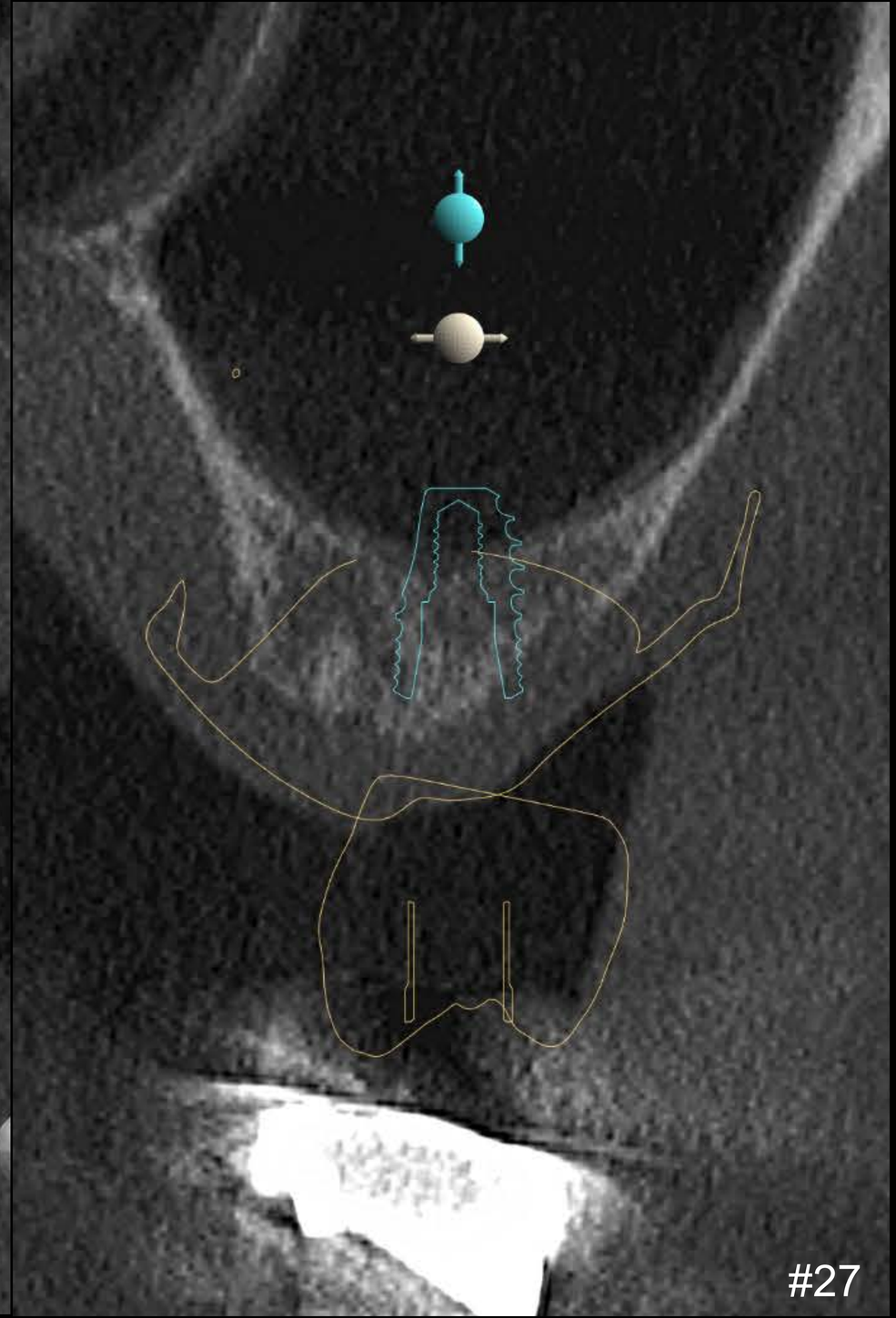




Implant Planning

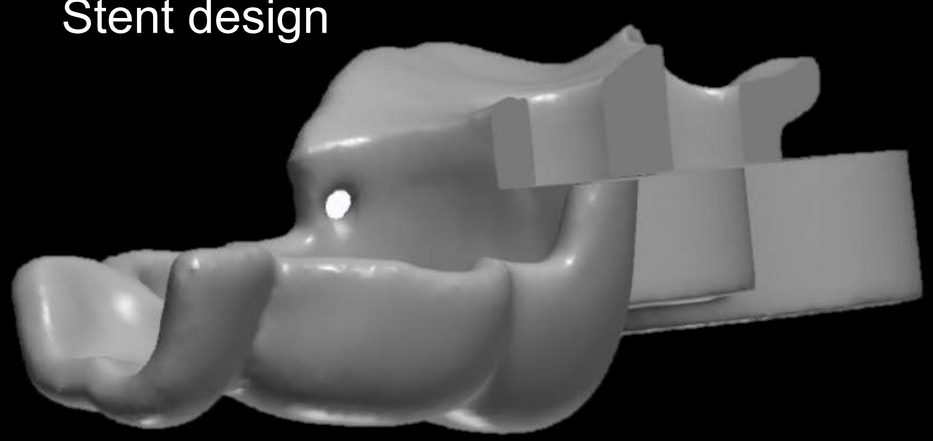


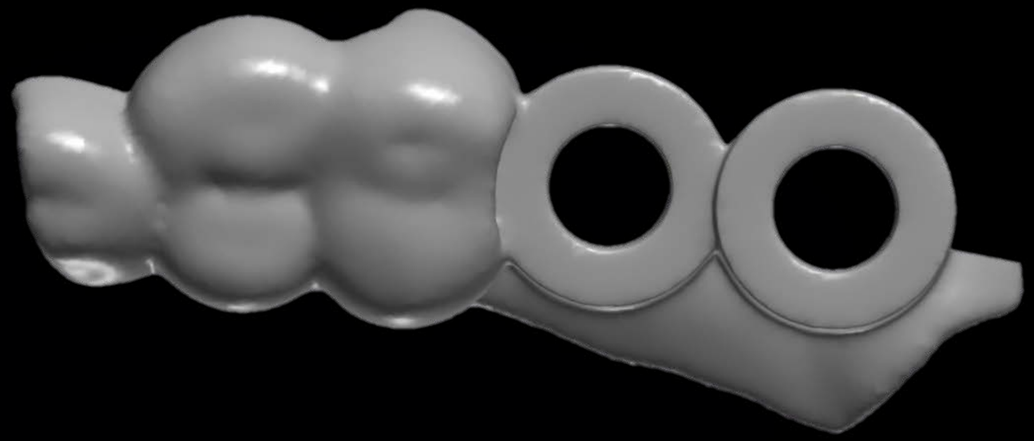
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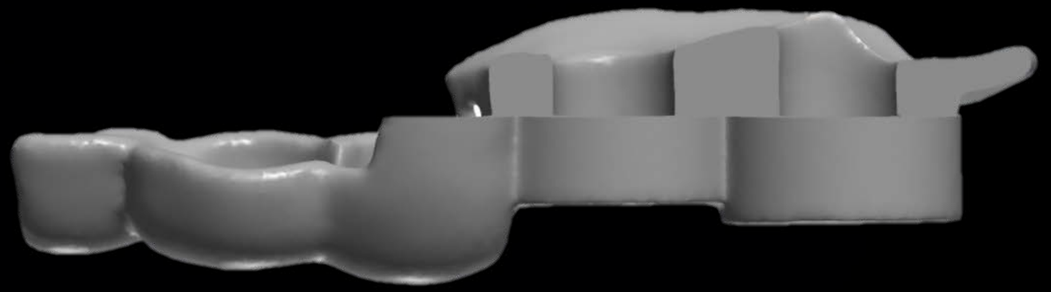
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Stent design





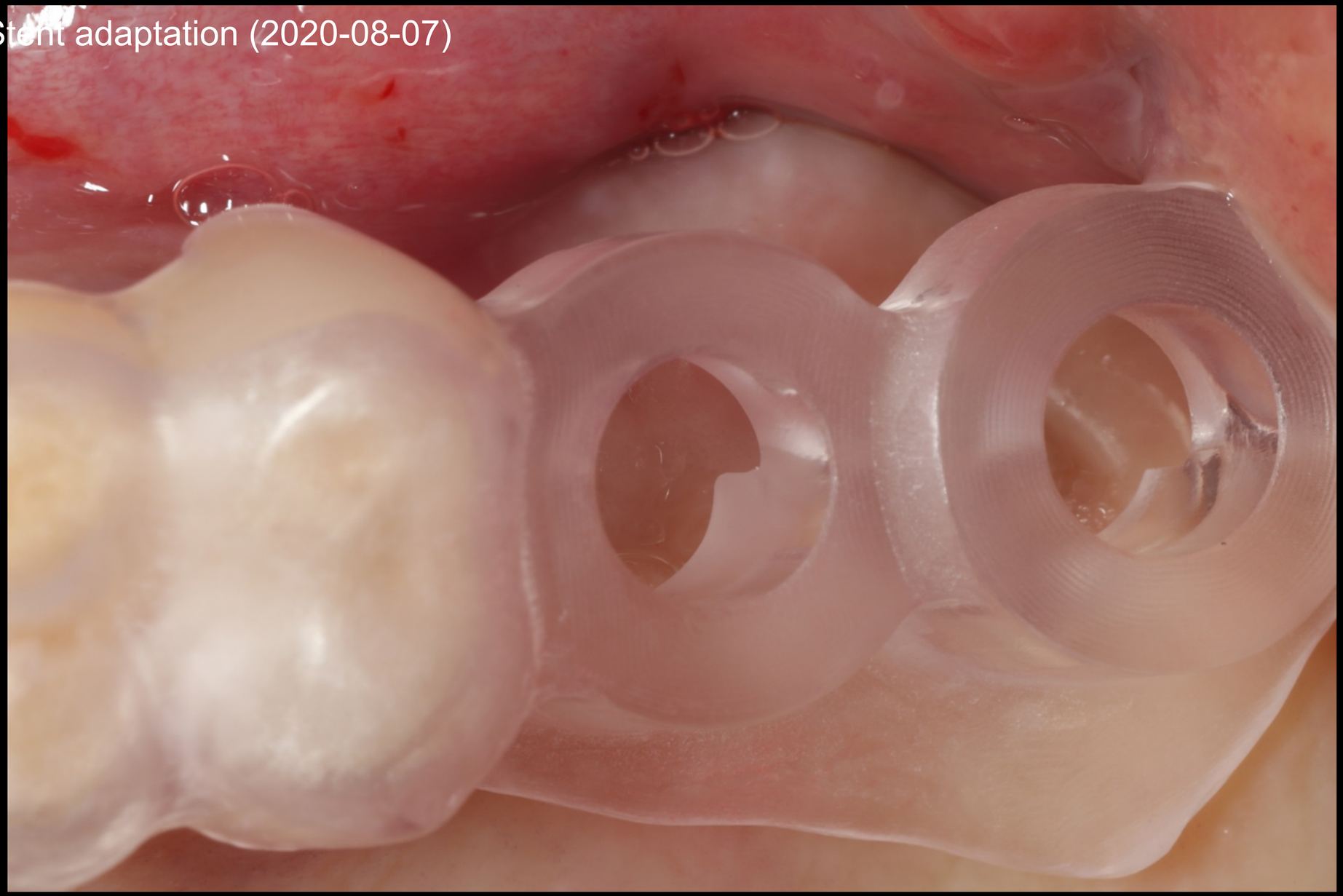


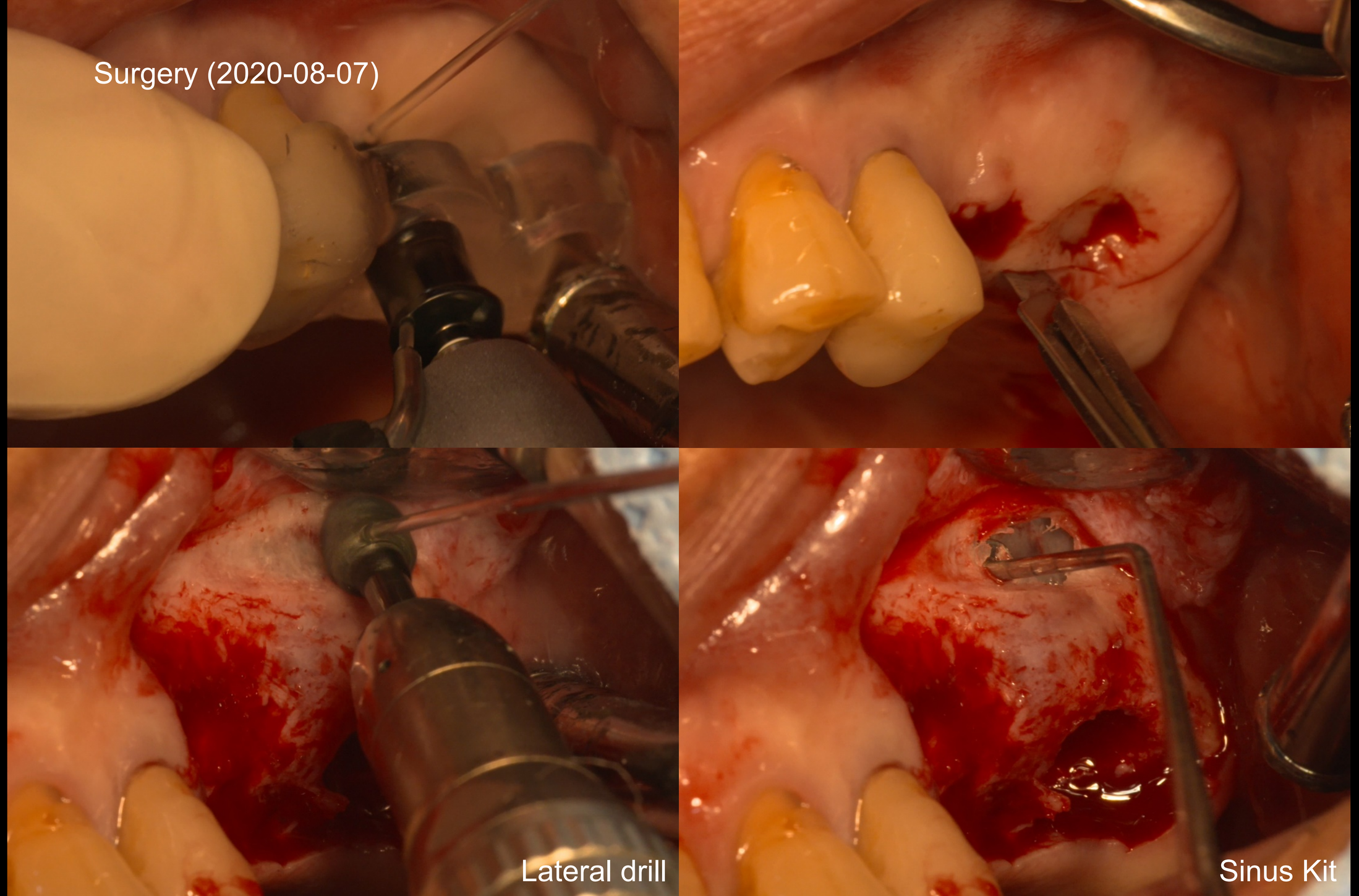


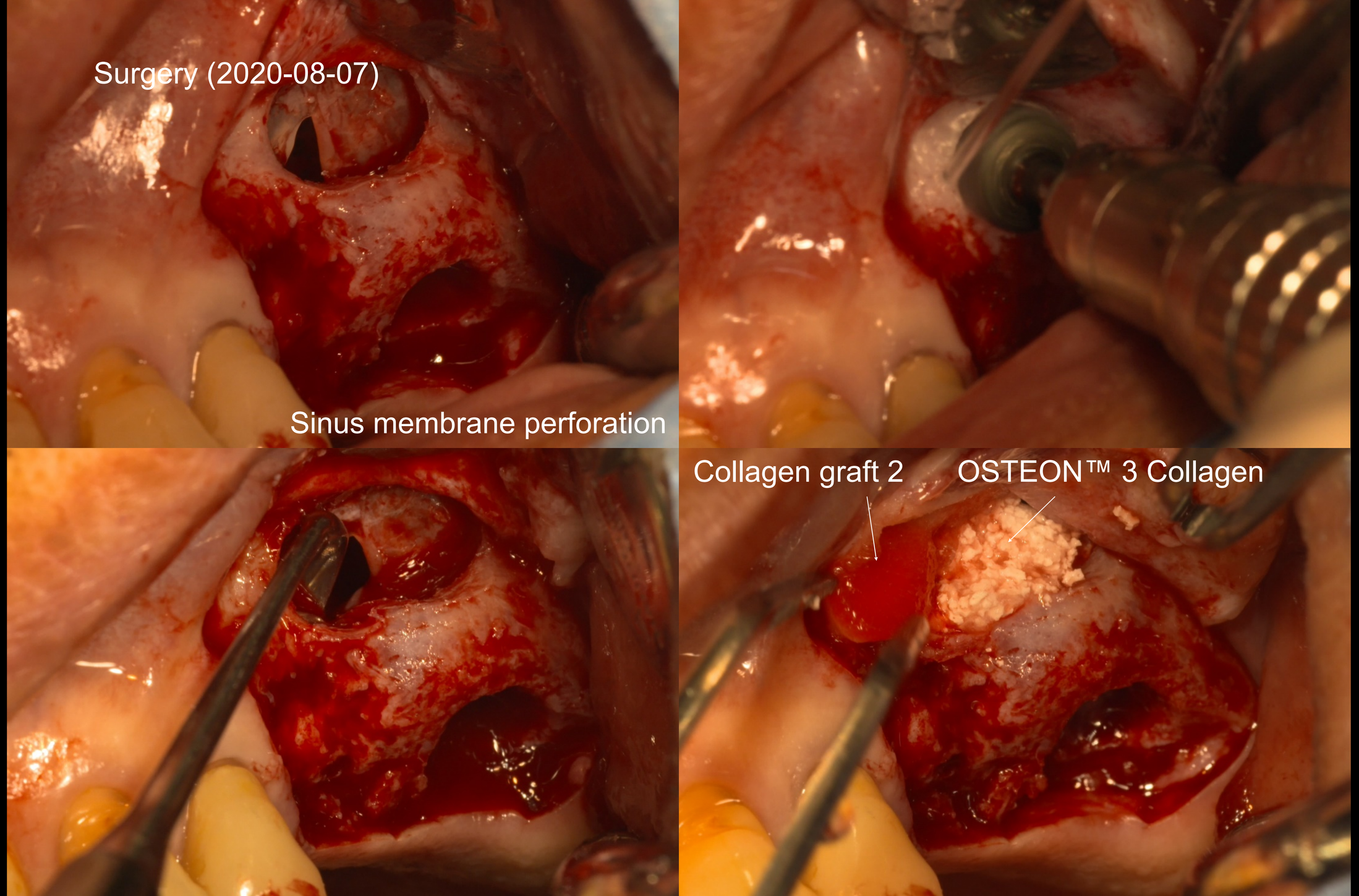
Stent

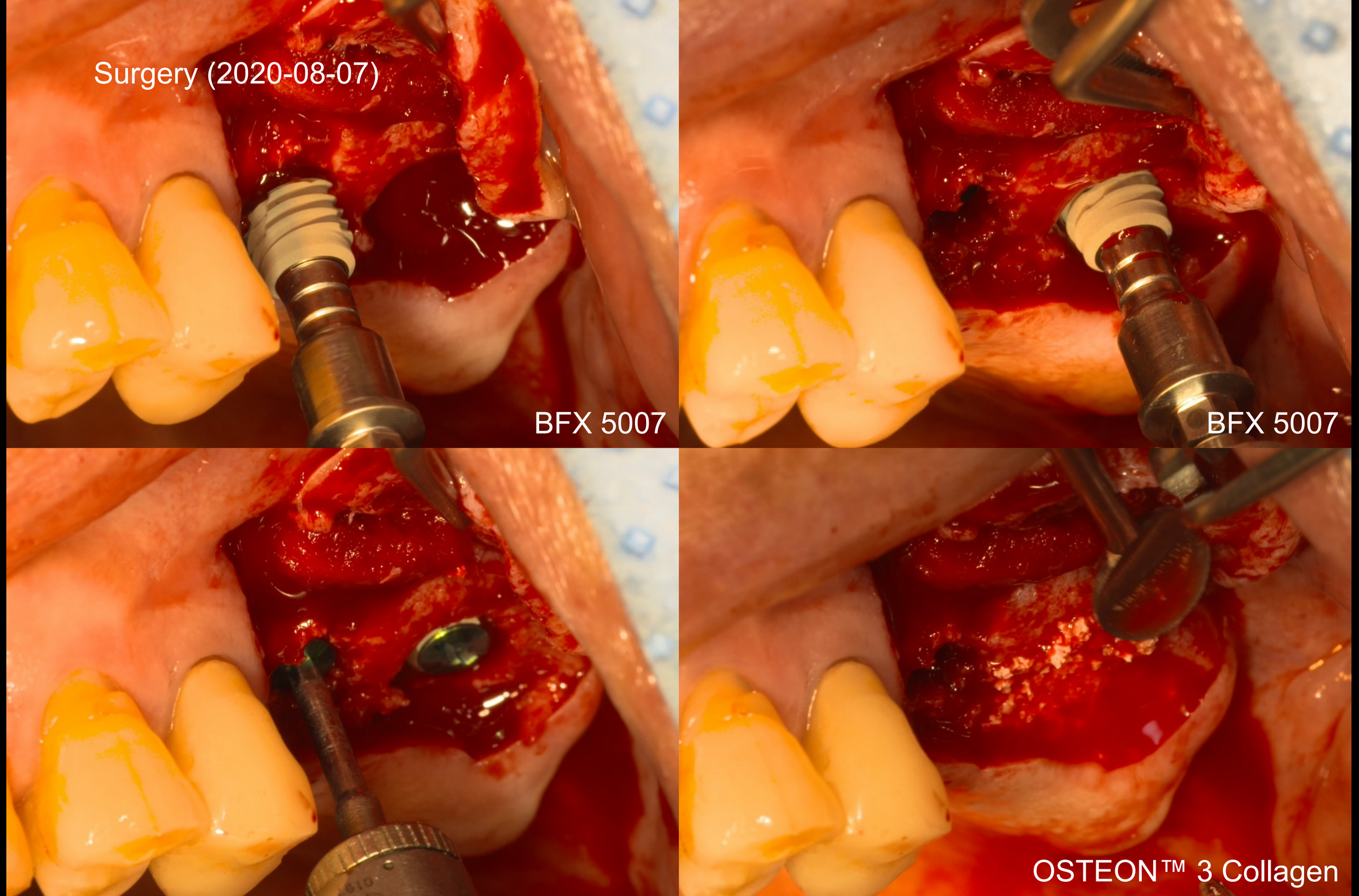


Stent adaptation (2020-08-07)

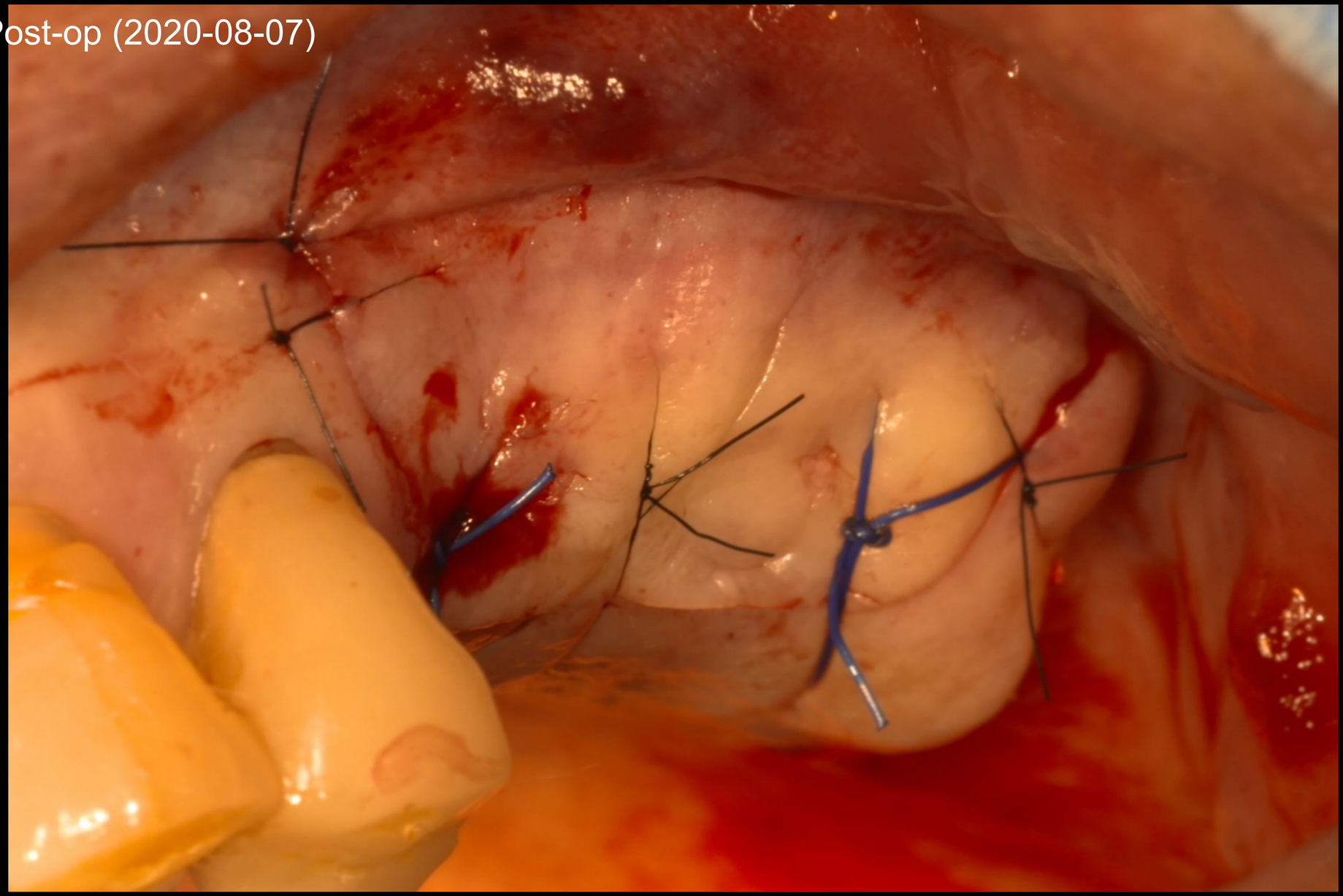



Surgery (2020-08-07)
Lateral drill
Sinus Kit

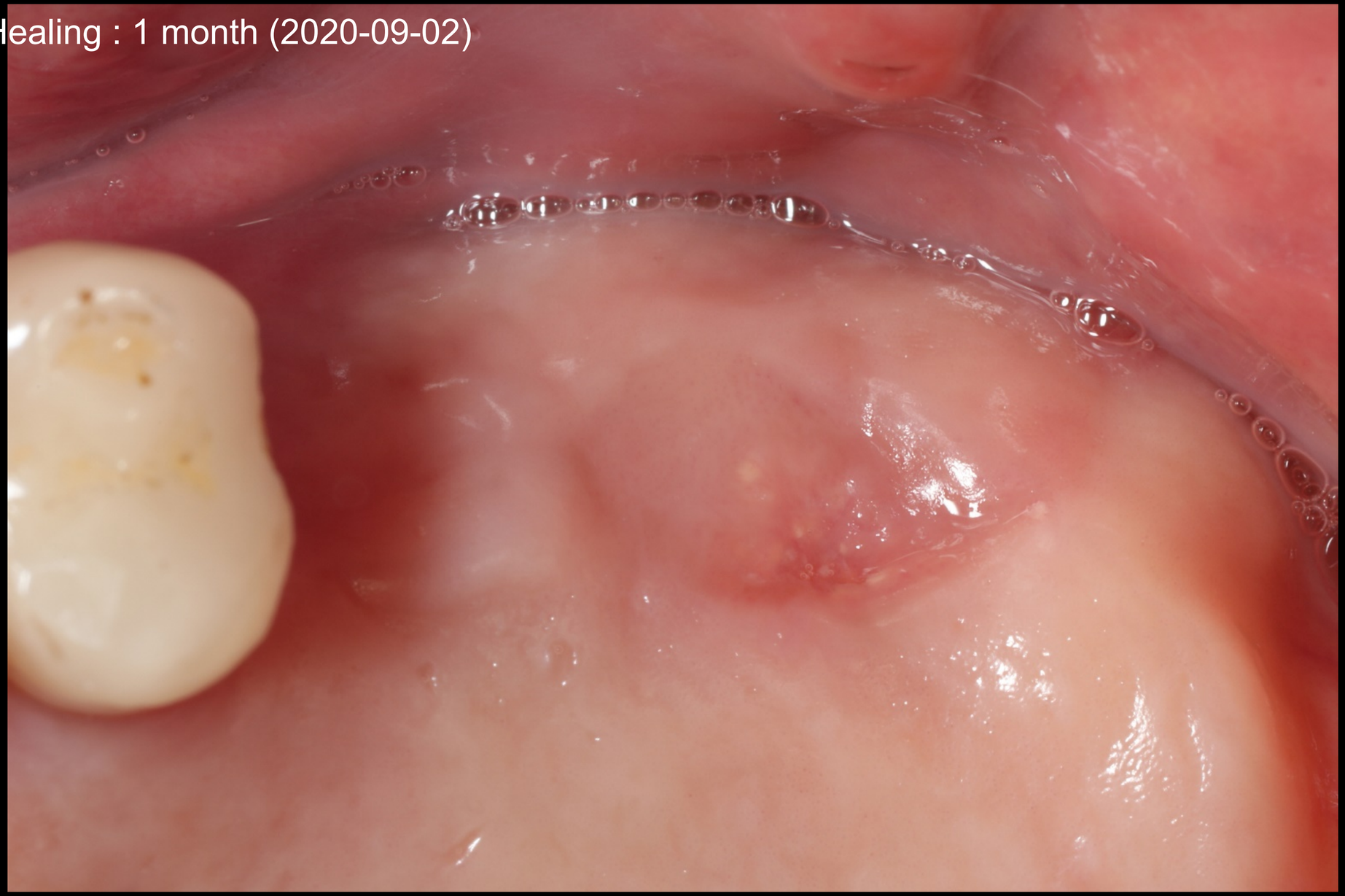

Surgery (2020-08-07)
Sinus membrane perforation
Collagen graft 2
OSTEON™ 3 Collagen


Surgery (2020-08-07)
BFX 5007
BFX 5007
OSTEON™ 3 Collagen

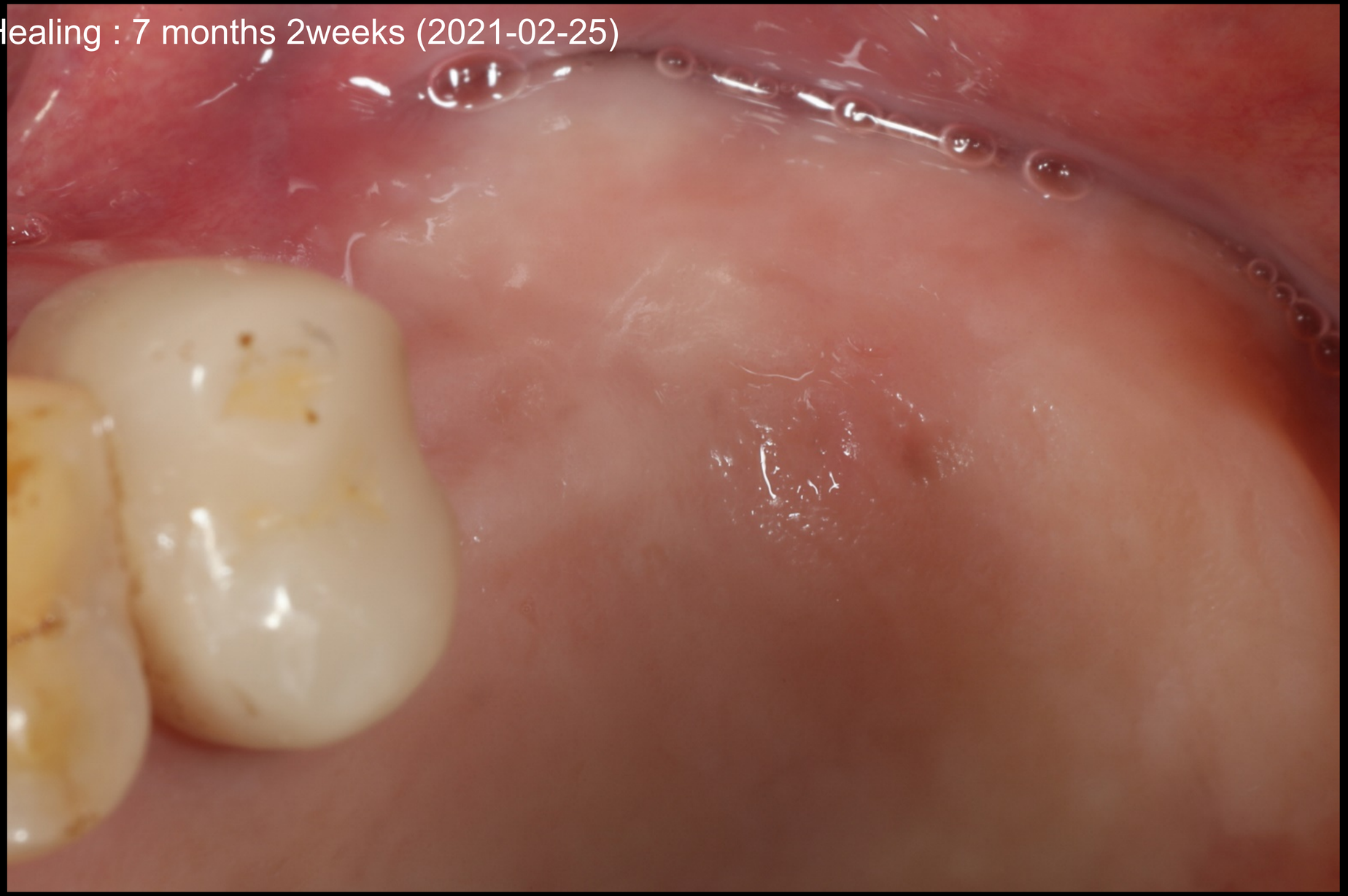
Post-op (2020-08-07)



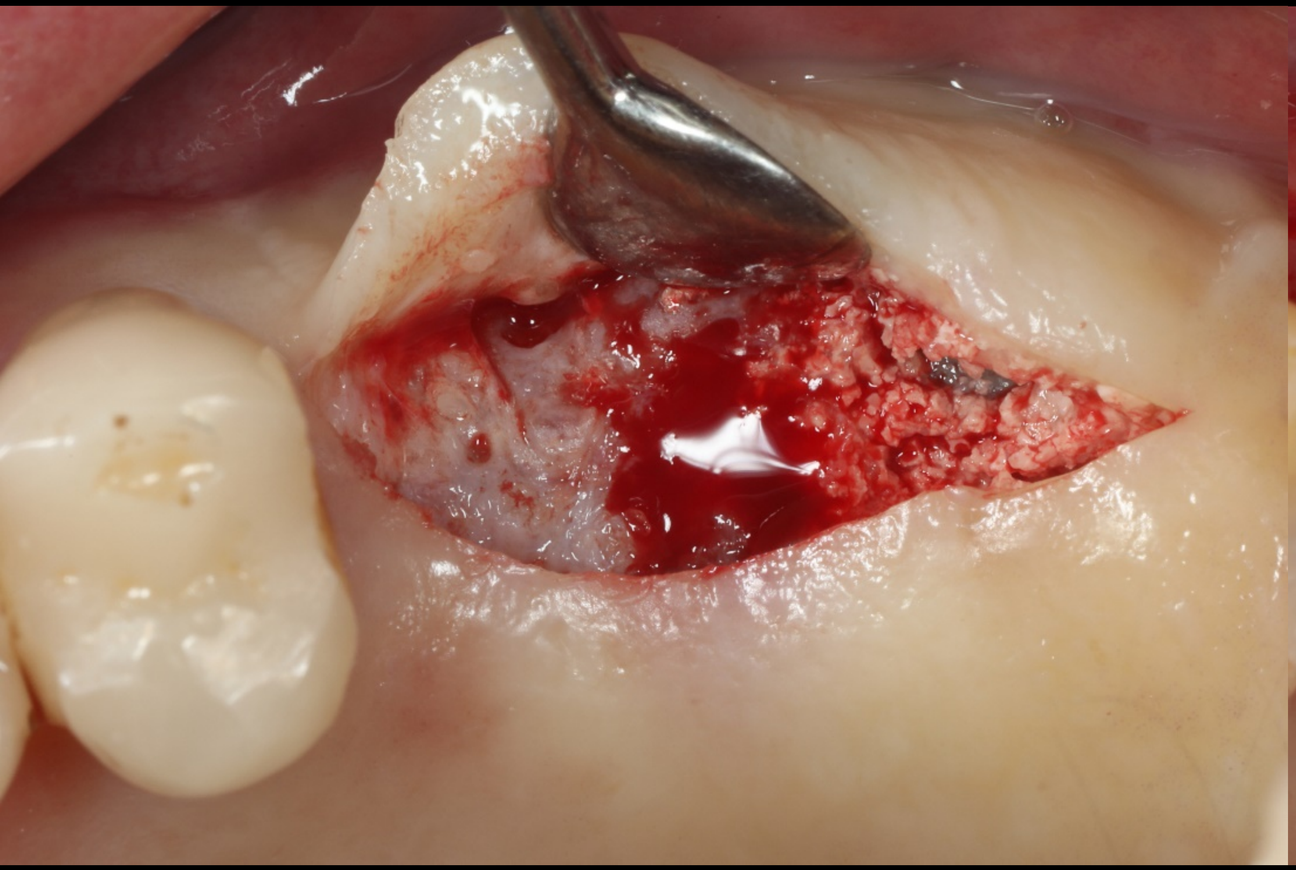
Healing : 1 month (2020-09-02)

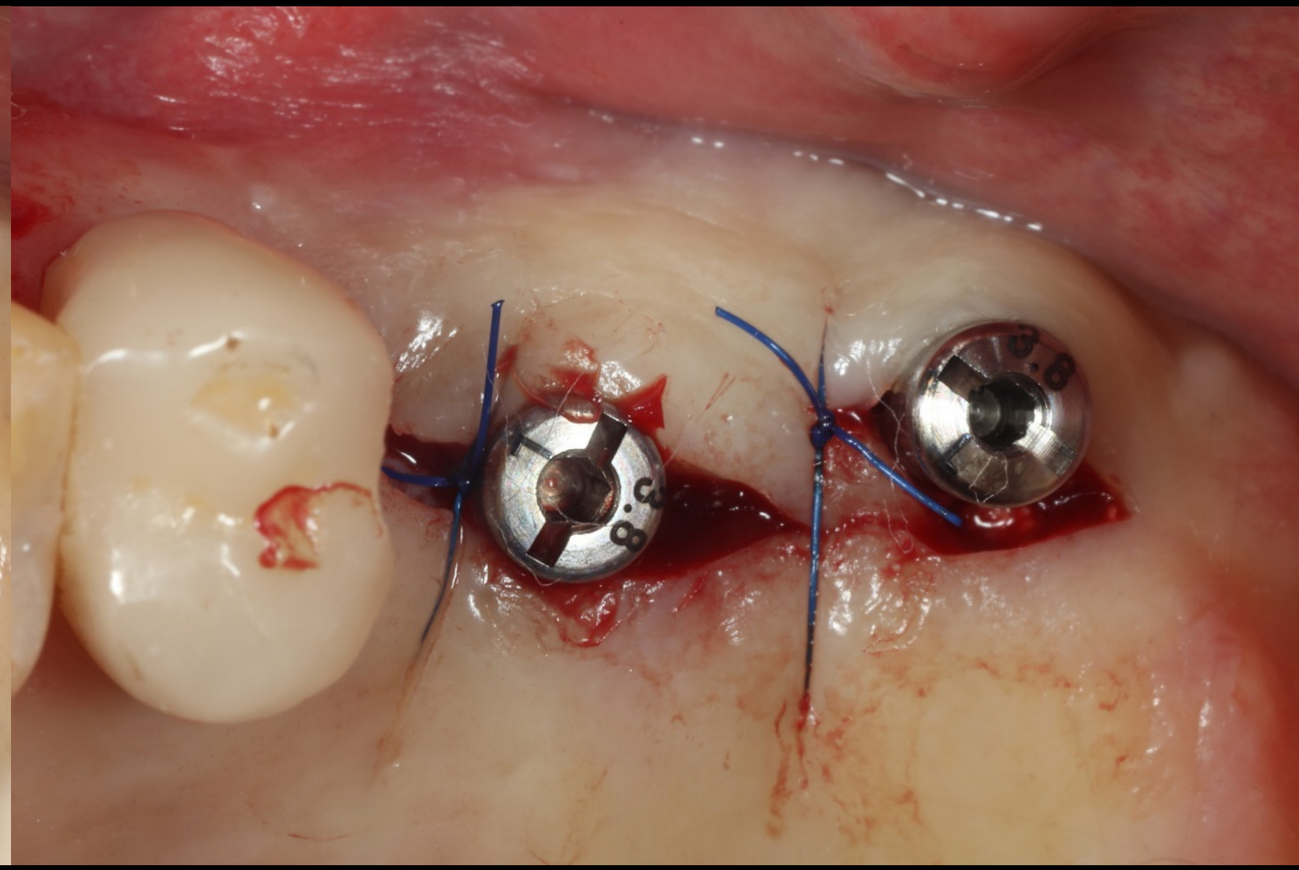


Healing : 7 months 2weeks (2021-02-25)



2nd Surgery (2021-02-25)

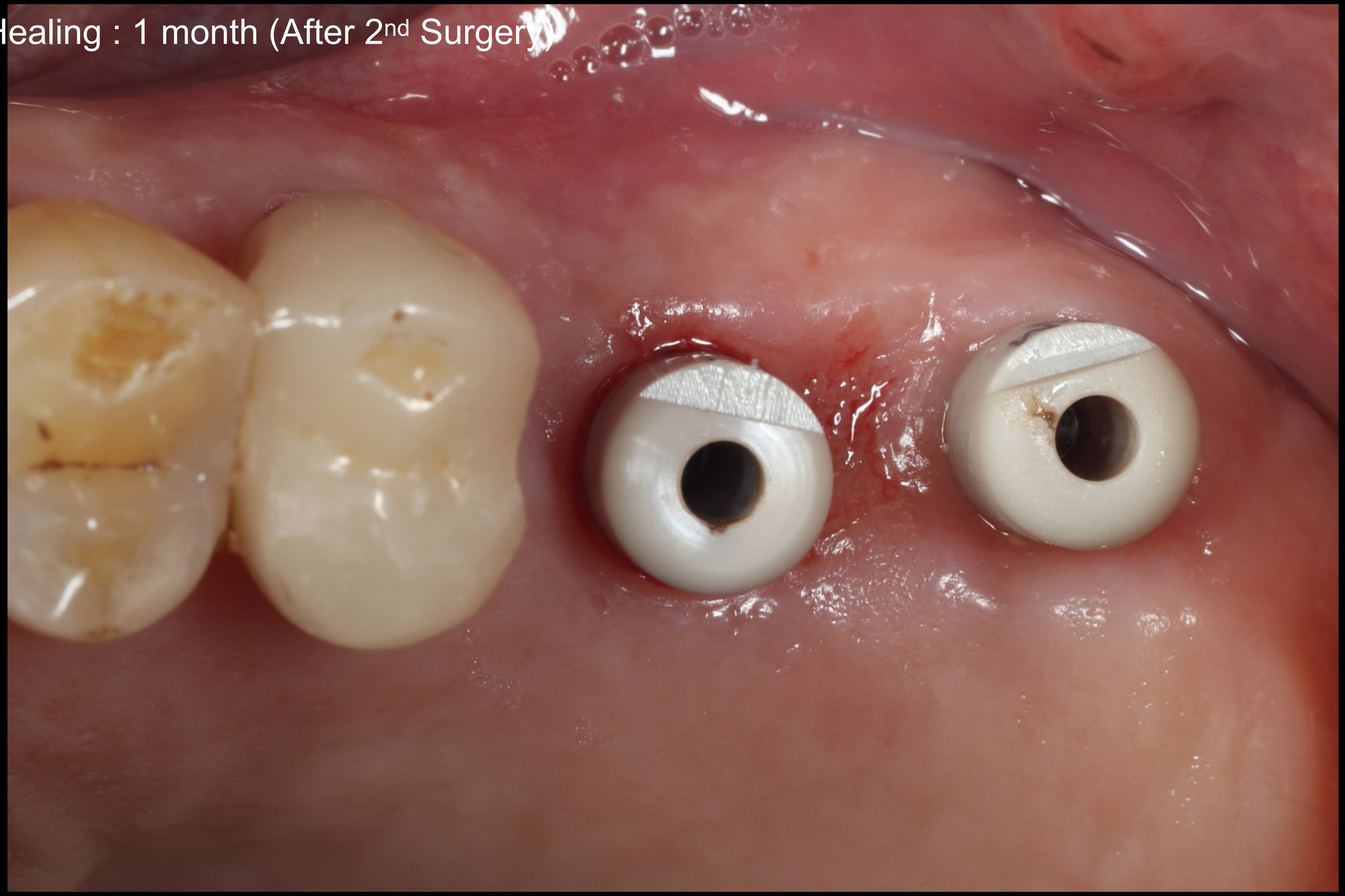




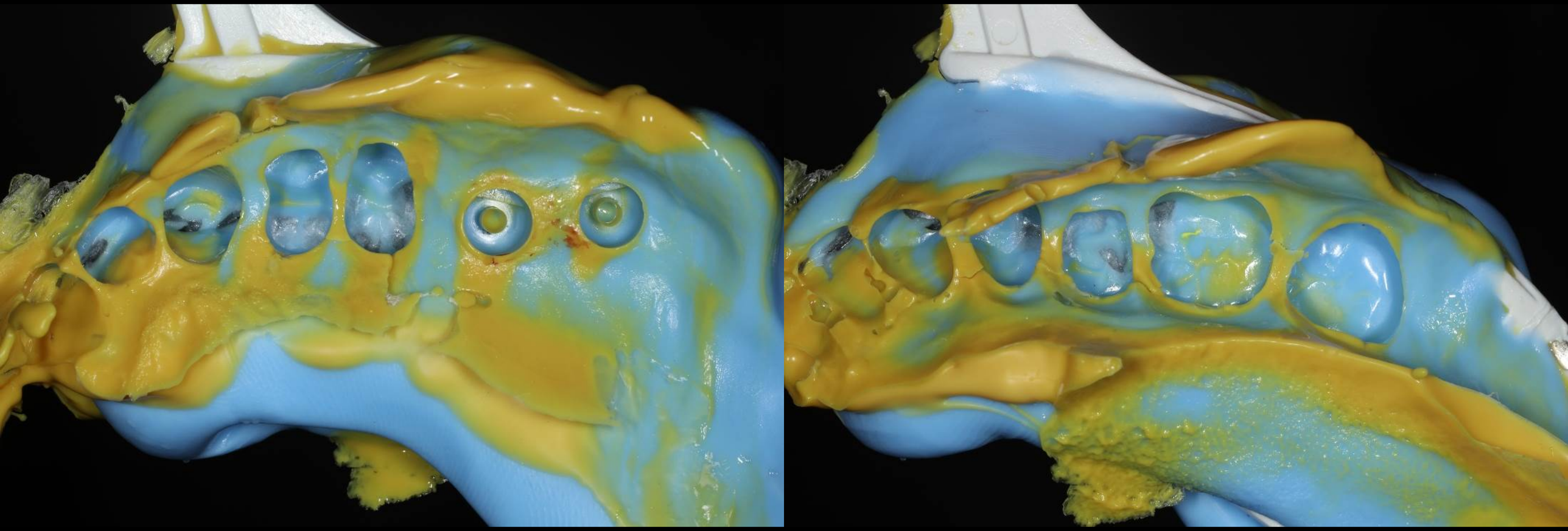
Healing : 1 week (after 2nd Surgery)



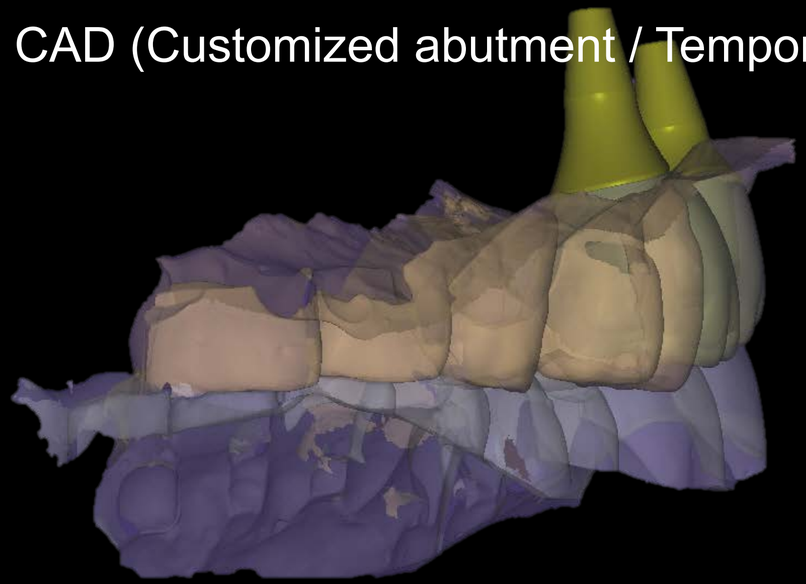
Healing : 1 month (After 2nd Surgery)

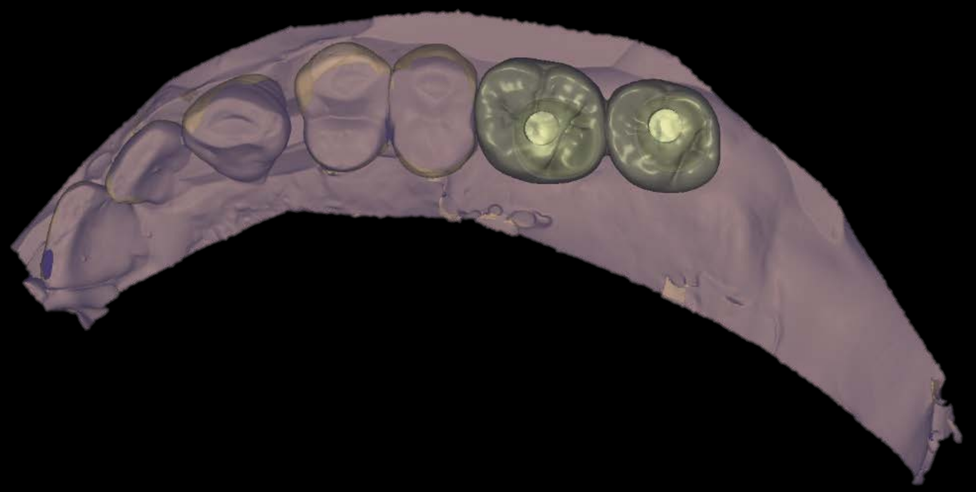


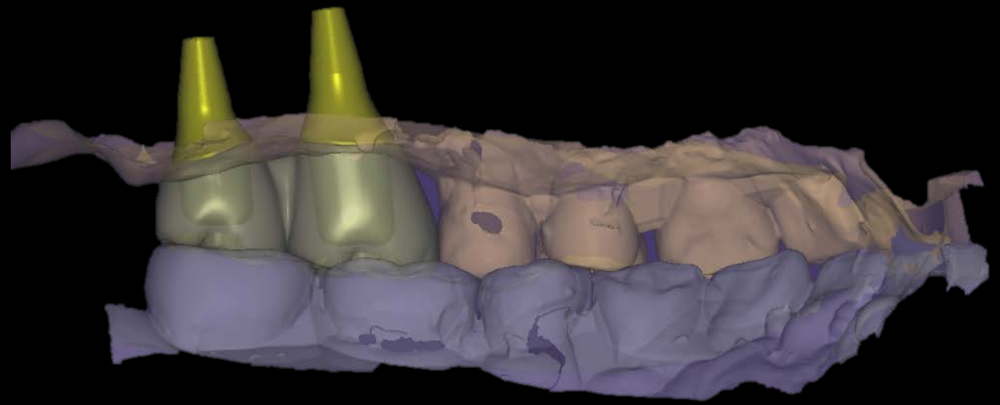
Impression

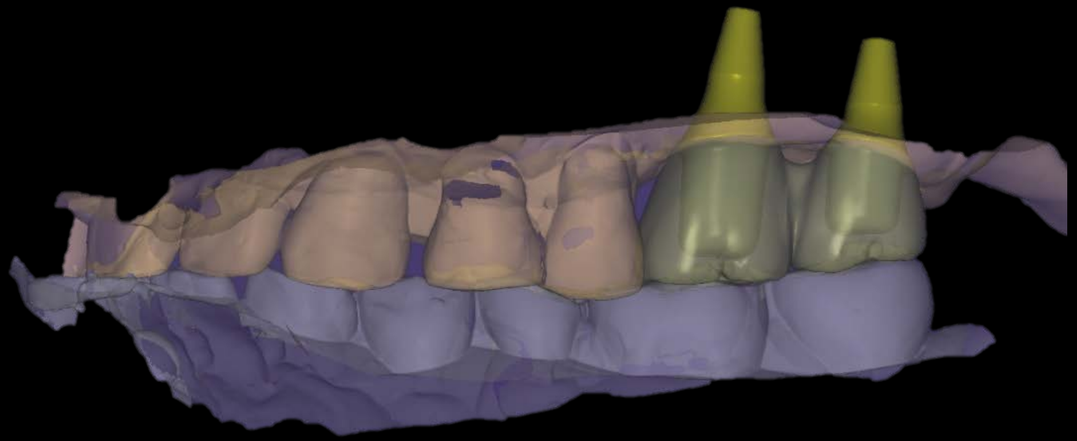


CAD (Customized abutment / Temporary)









Customized abutment / Temporary

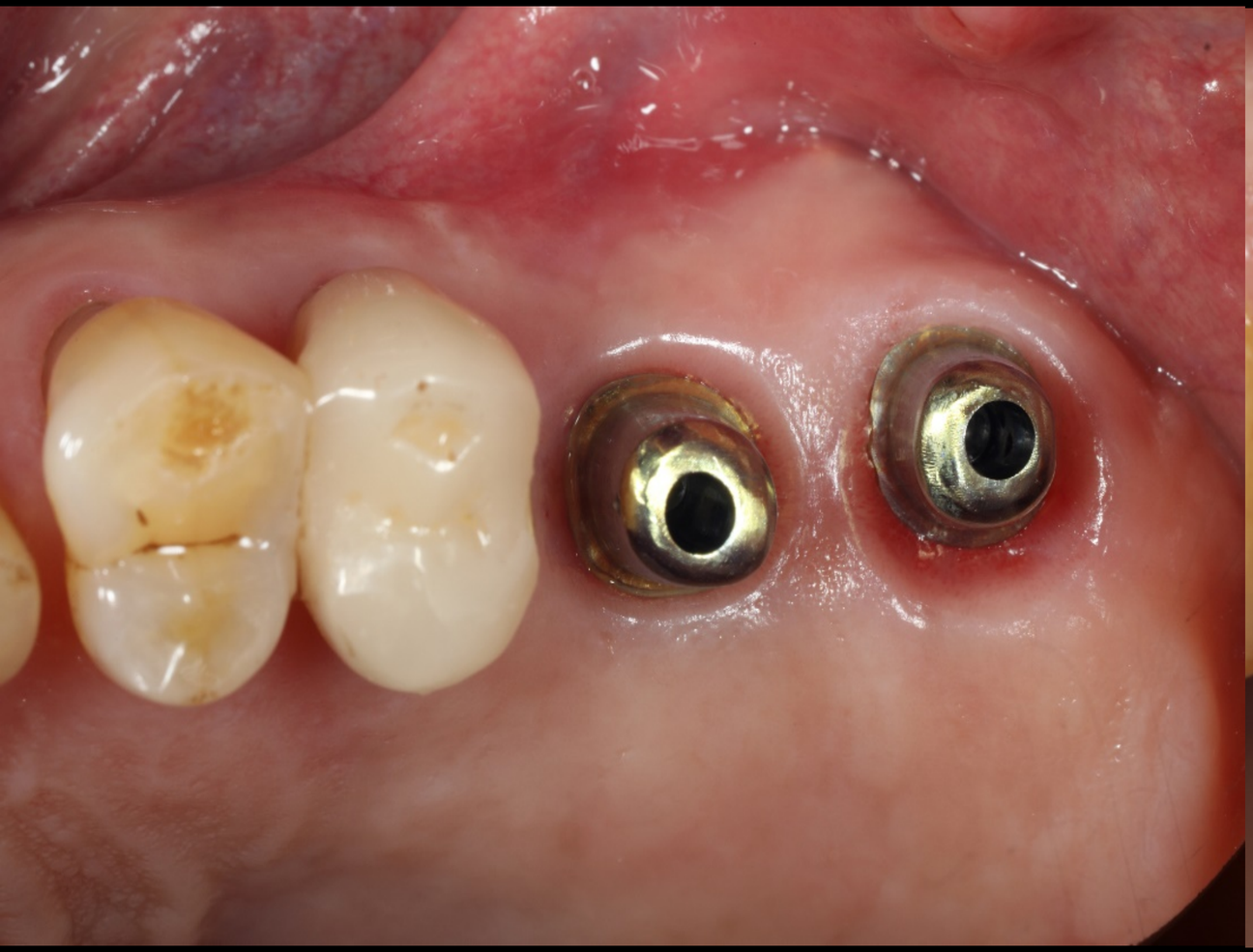



Provisional restoration (2021-03-29)



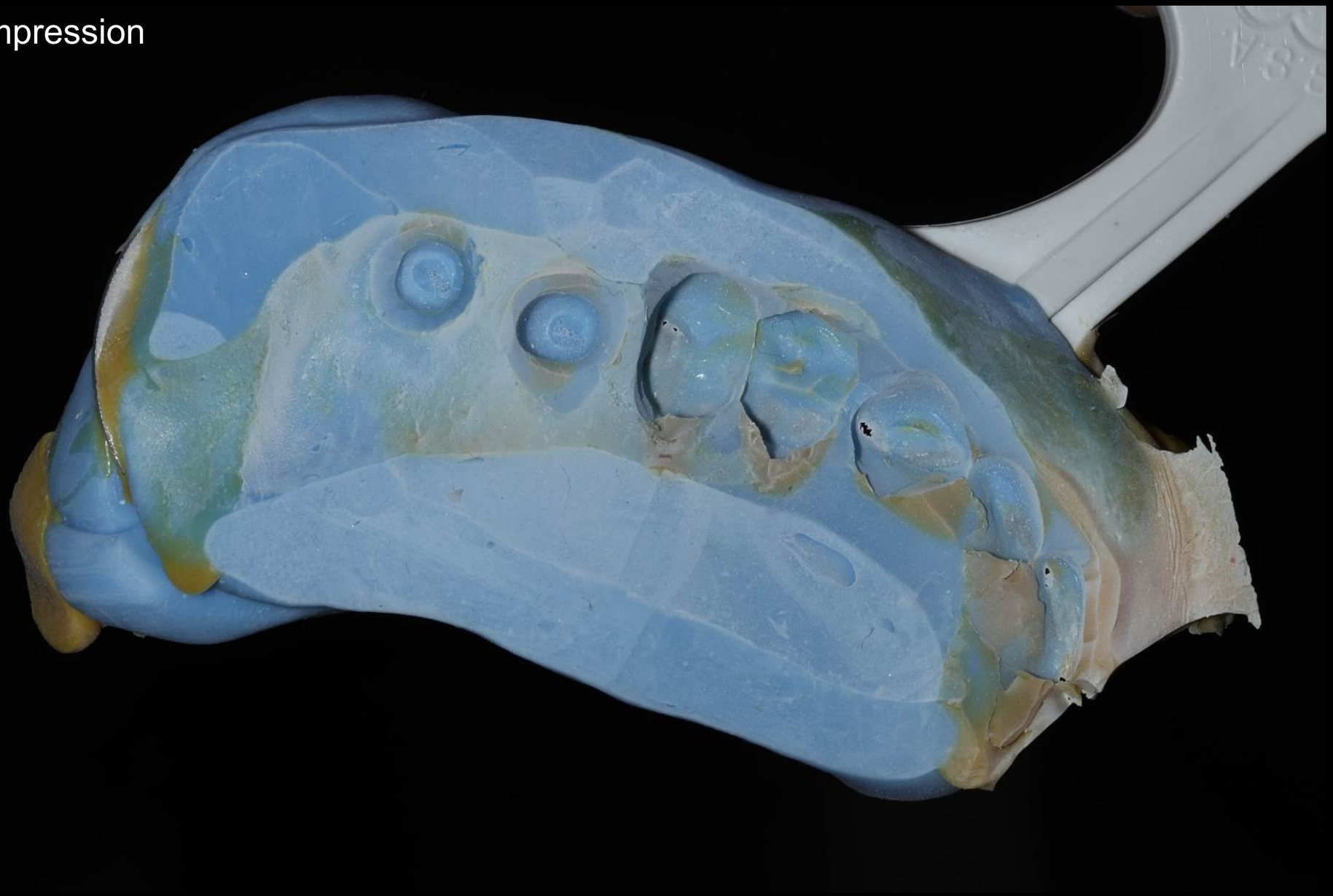


Impression (2021-06-10)

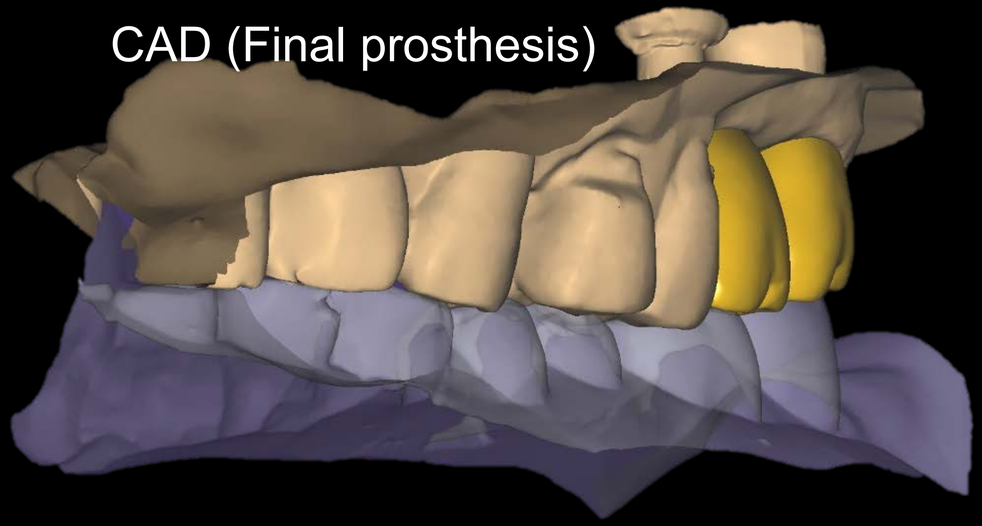


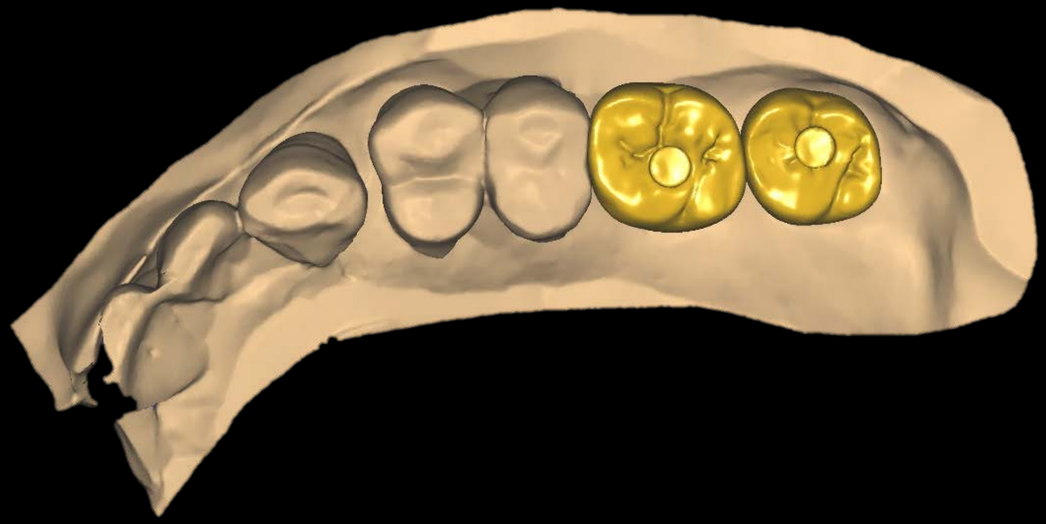


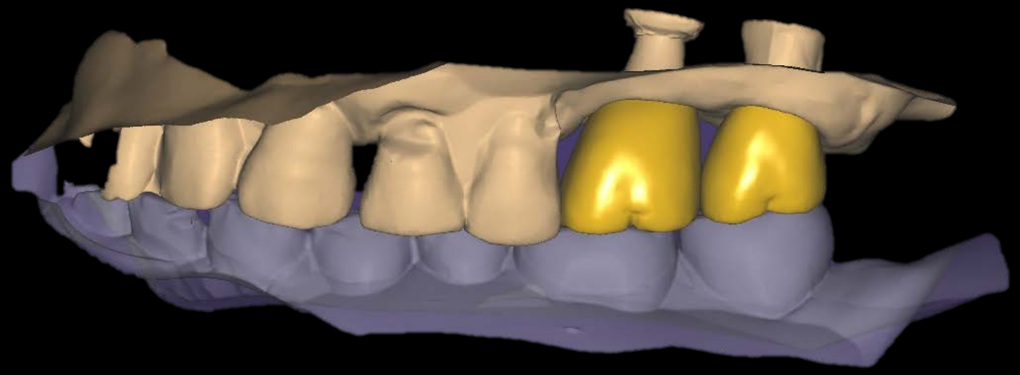
Impression

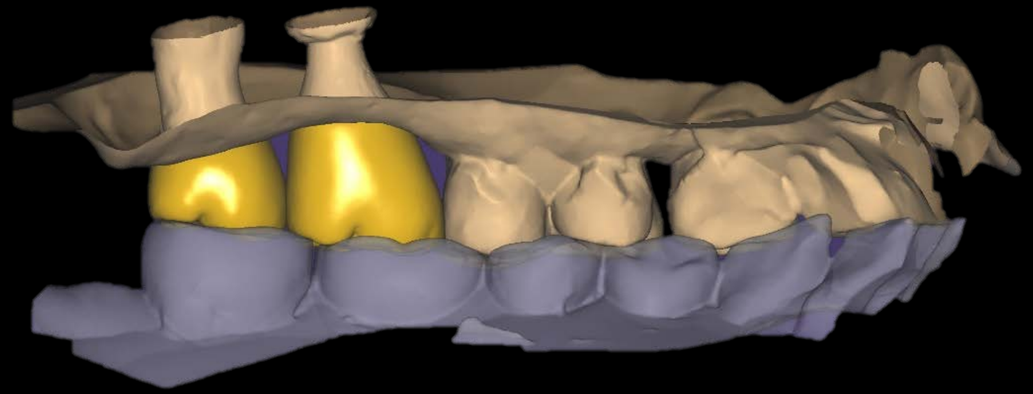


CAD (Final prosthesis)









Milling / Brushing



Sintering / Finishing




Final prosthesis (2021-06-24)



HRF (2021-07-22)

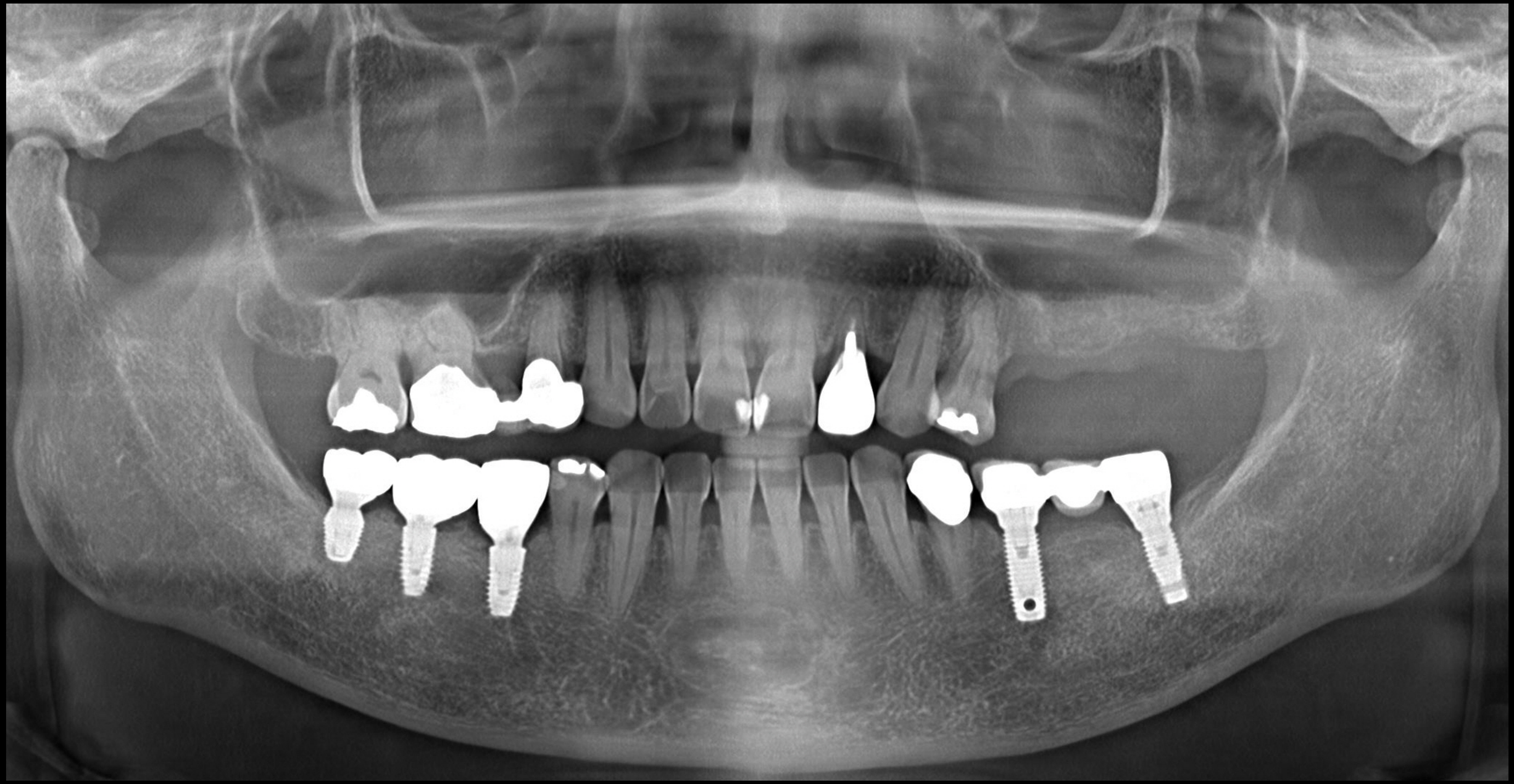


Overcoming Sinus perforation using Collagen Graft 2

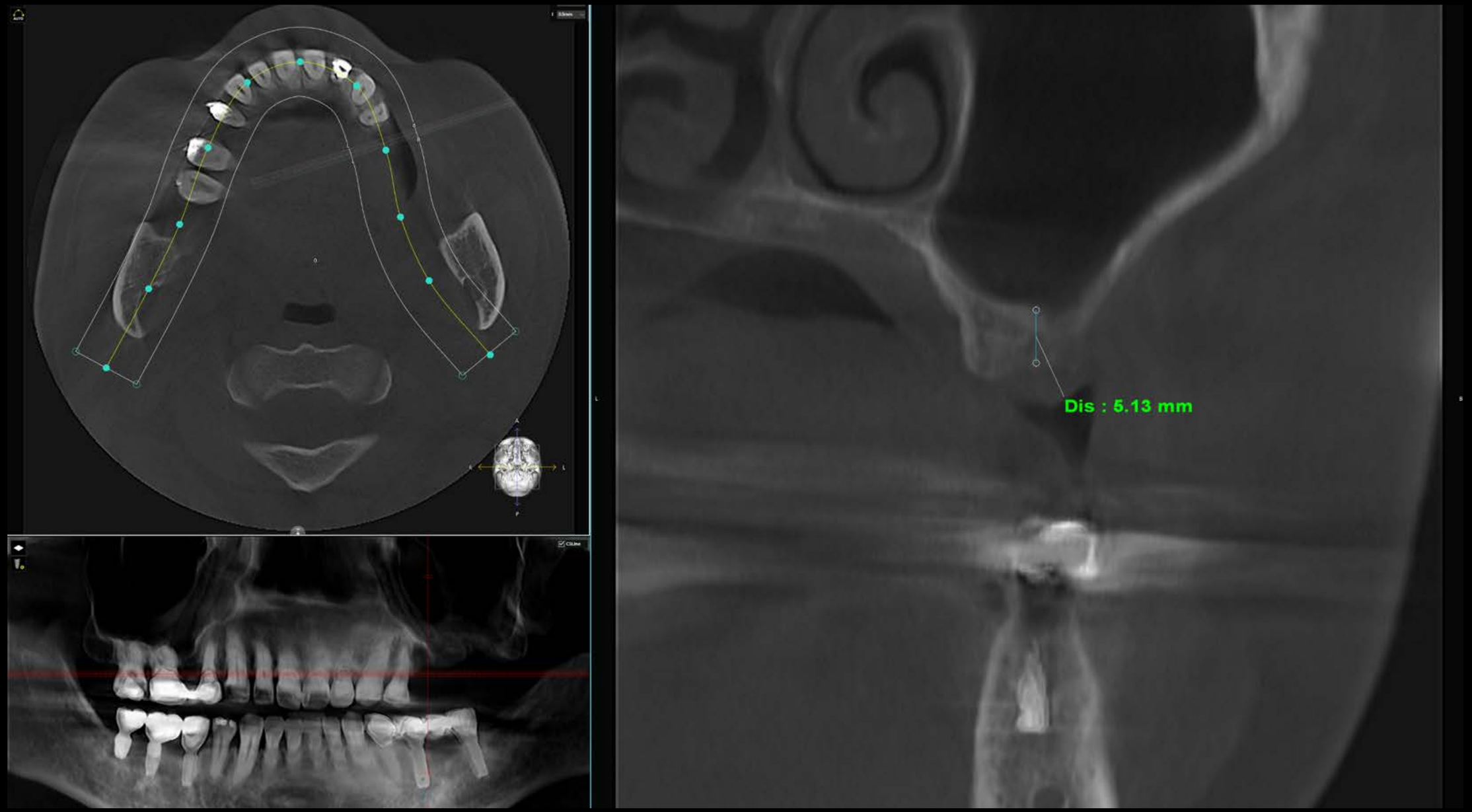
(NR Line, OSTEON™ 3 Collagen, Collagen Graft 2,
Sinus Kit, GBR Pin, Digital Guide(F,Milling))

Pt. 1963 / F

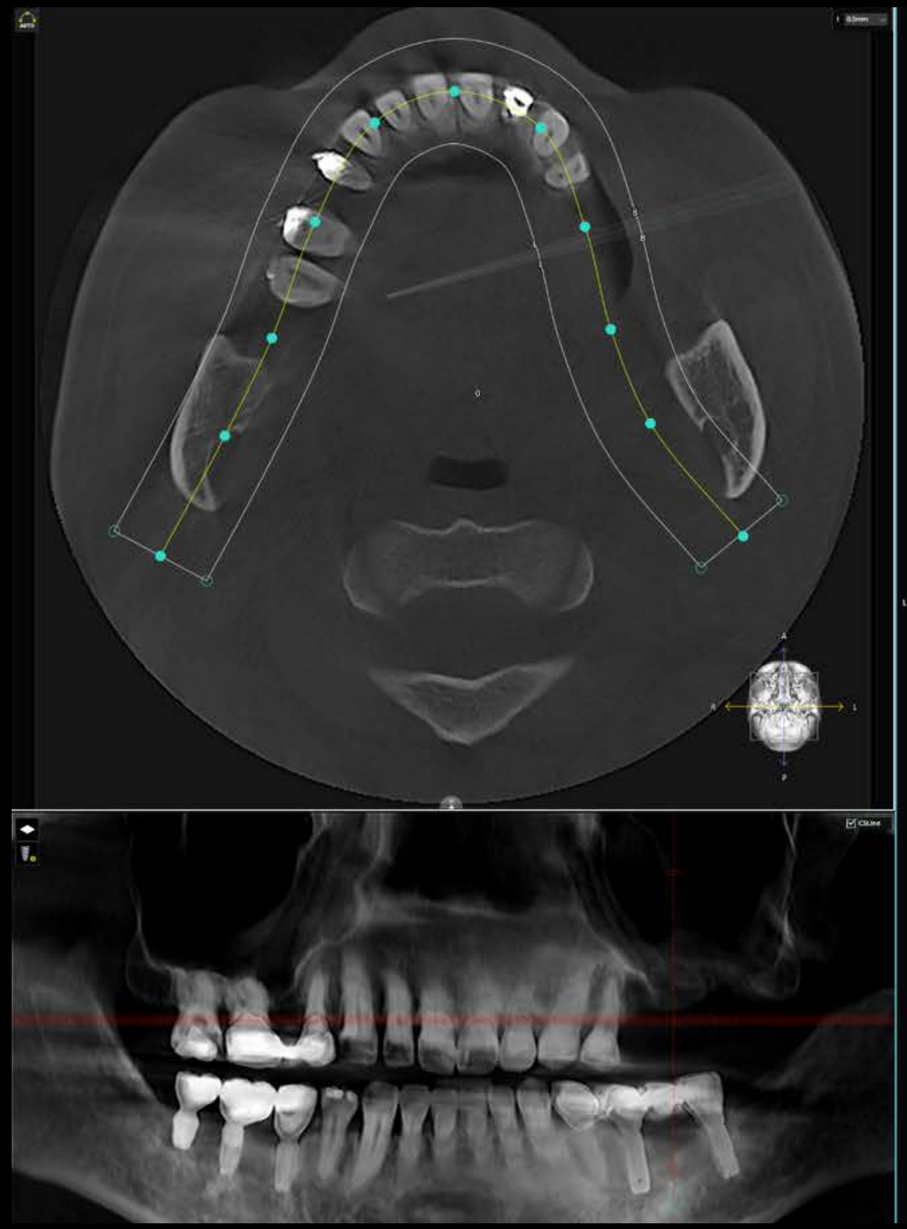
Pre-op (2019-12-19)

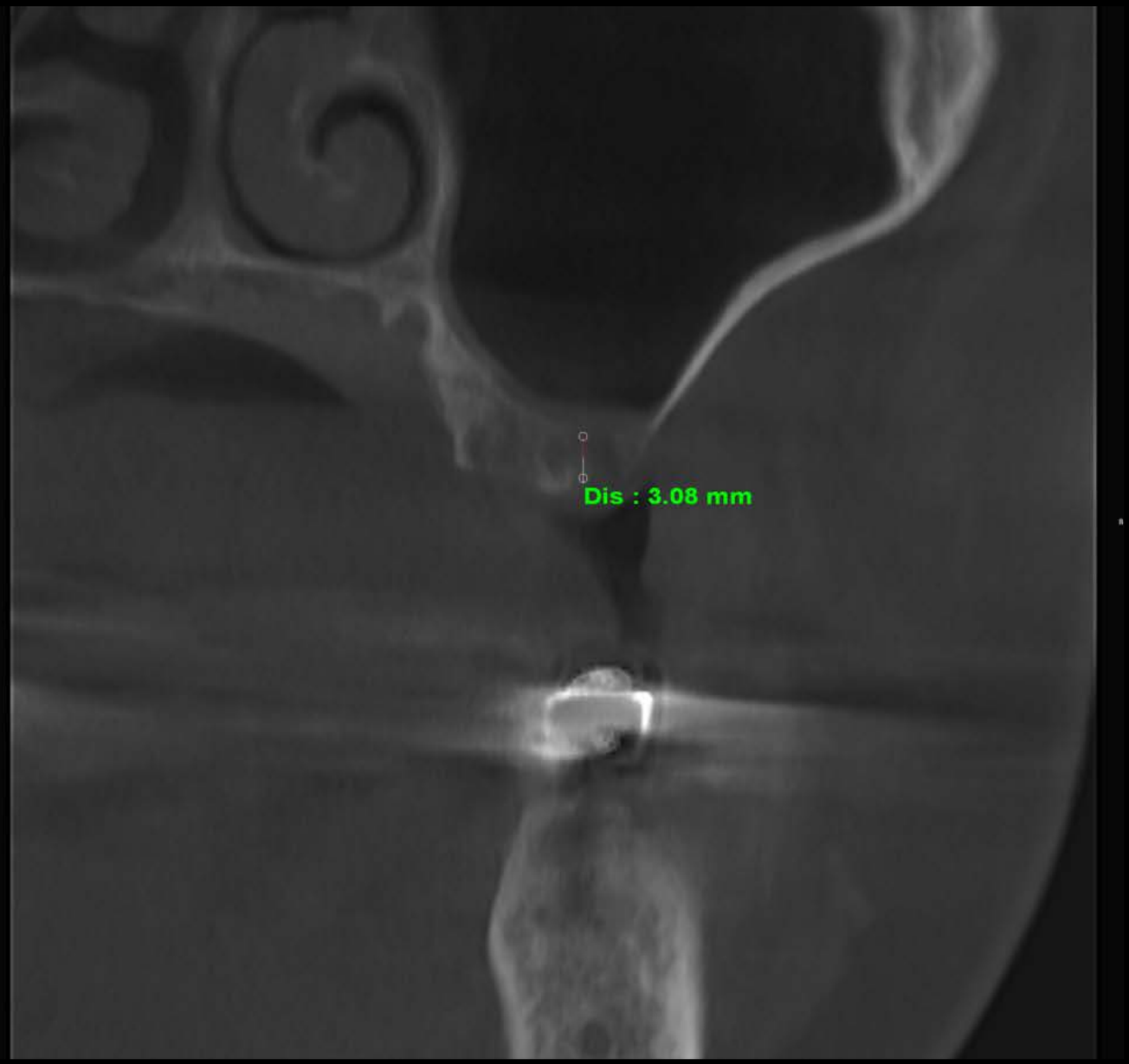


#25 Pre-op CT (2019-12-19)



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

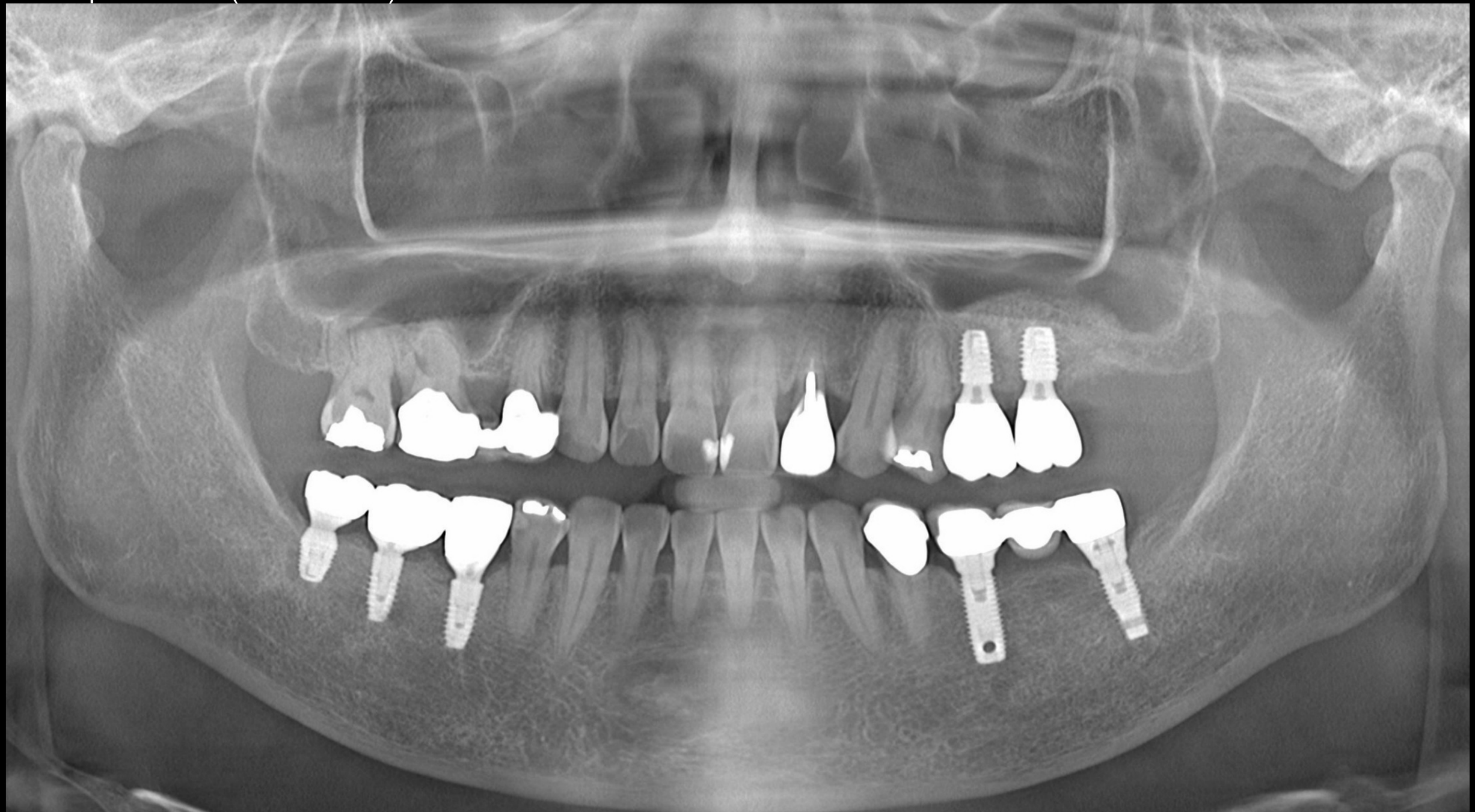




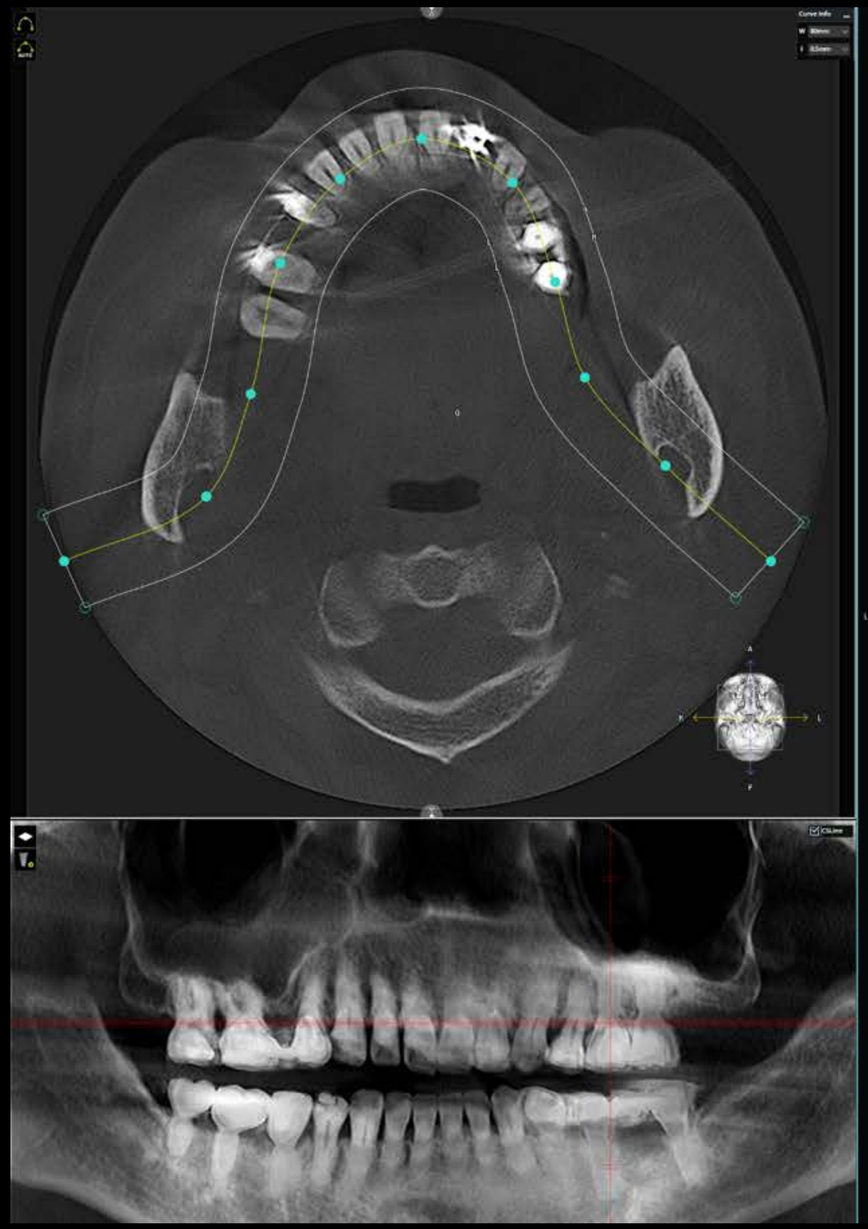
Post-op (2020-02-05)

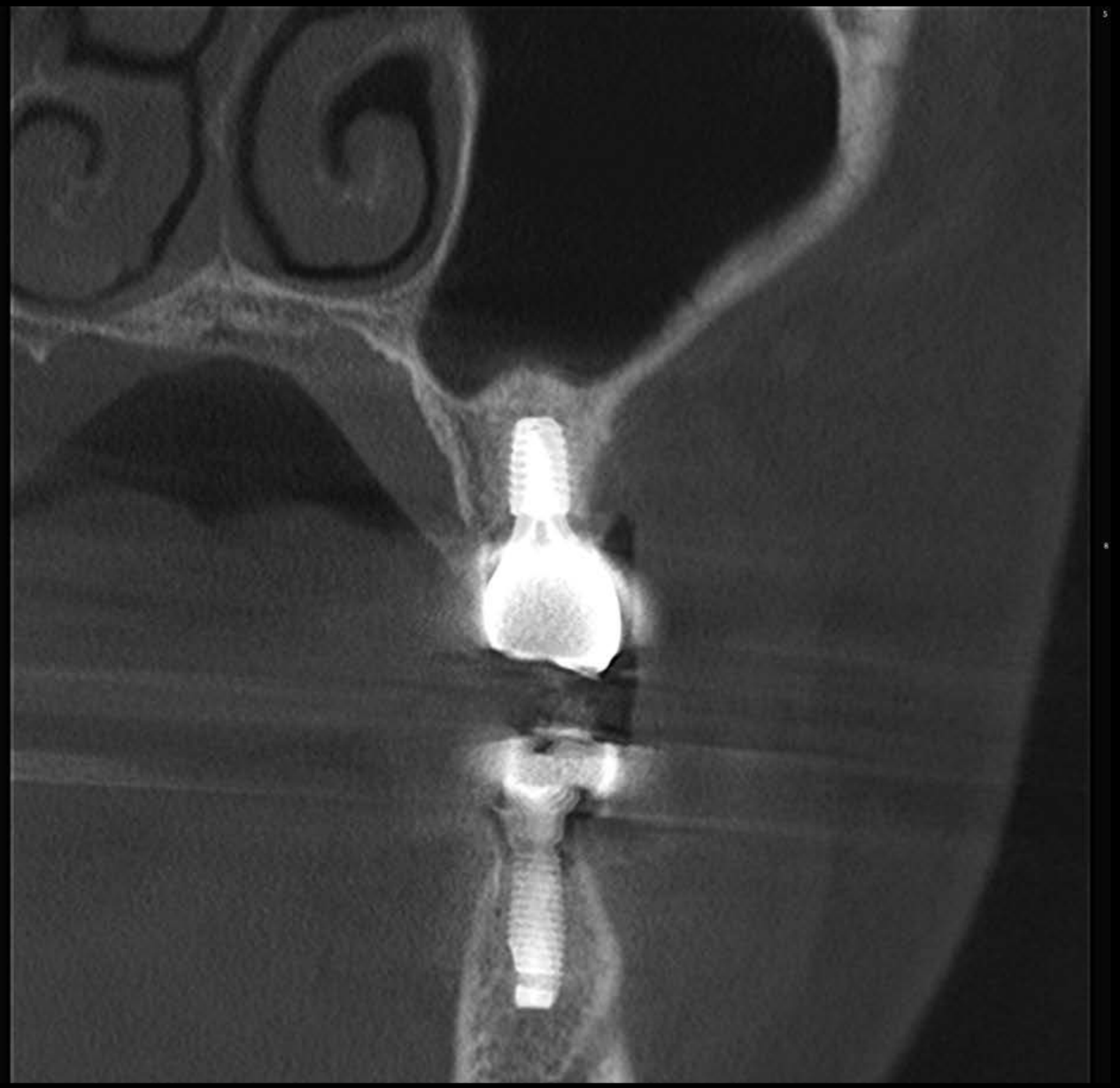


Final prosthesis (2020-08-12)

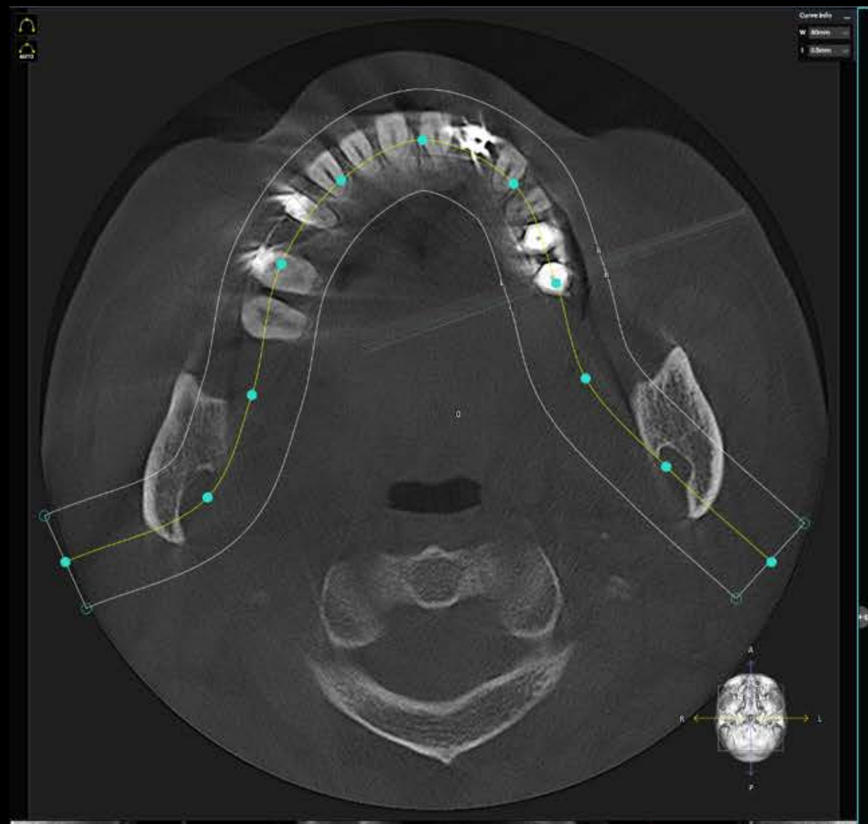


#25 Final prosthesis CT (2021-04-28)

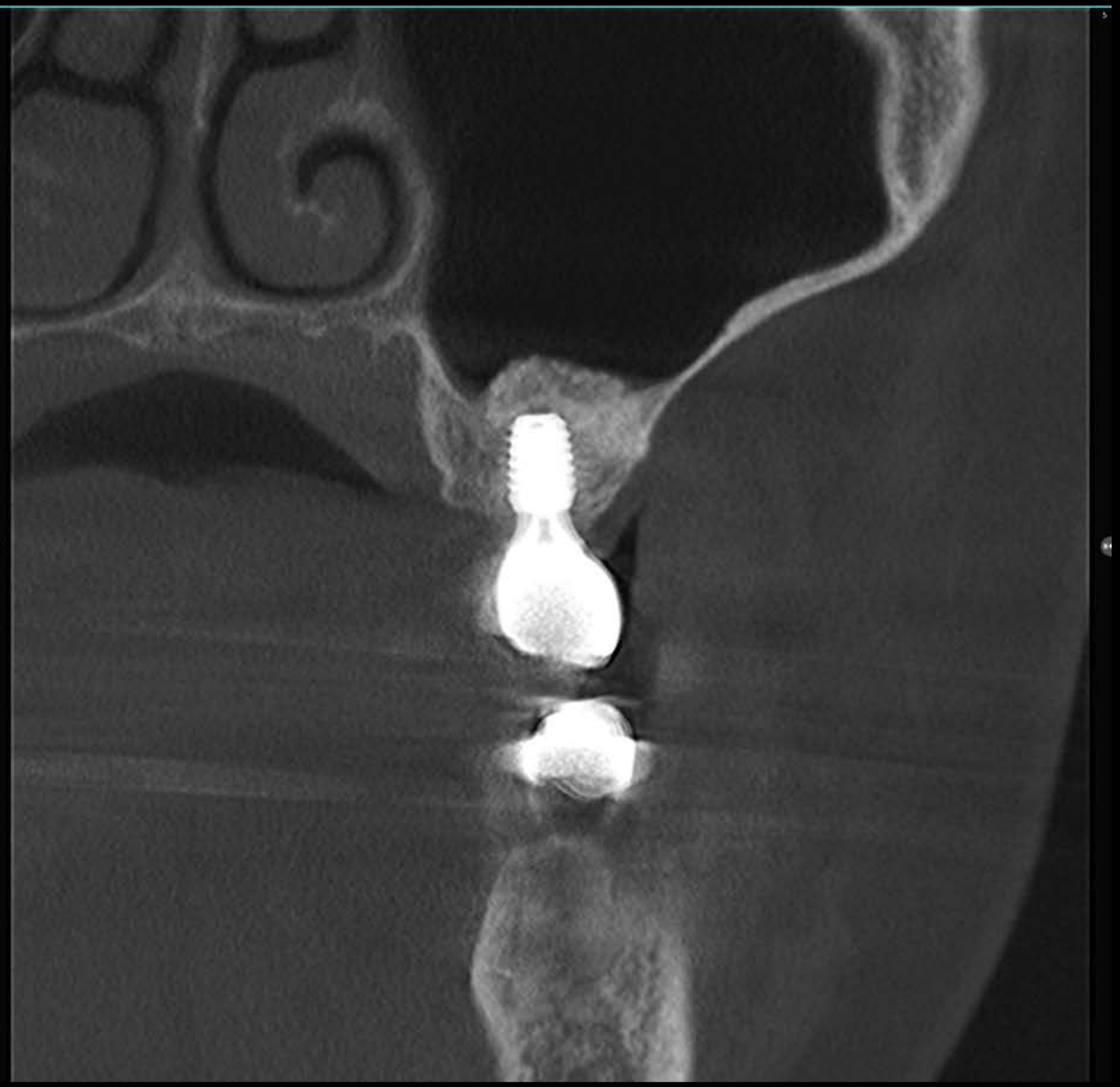




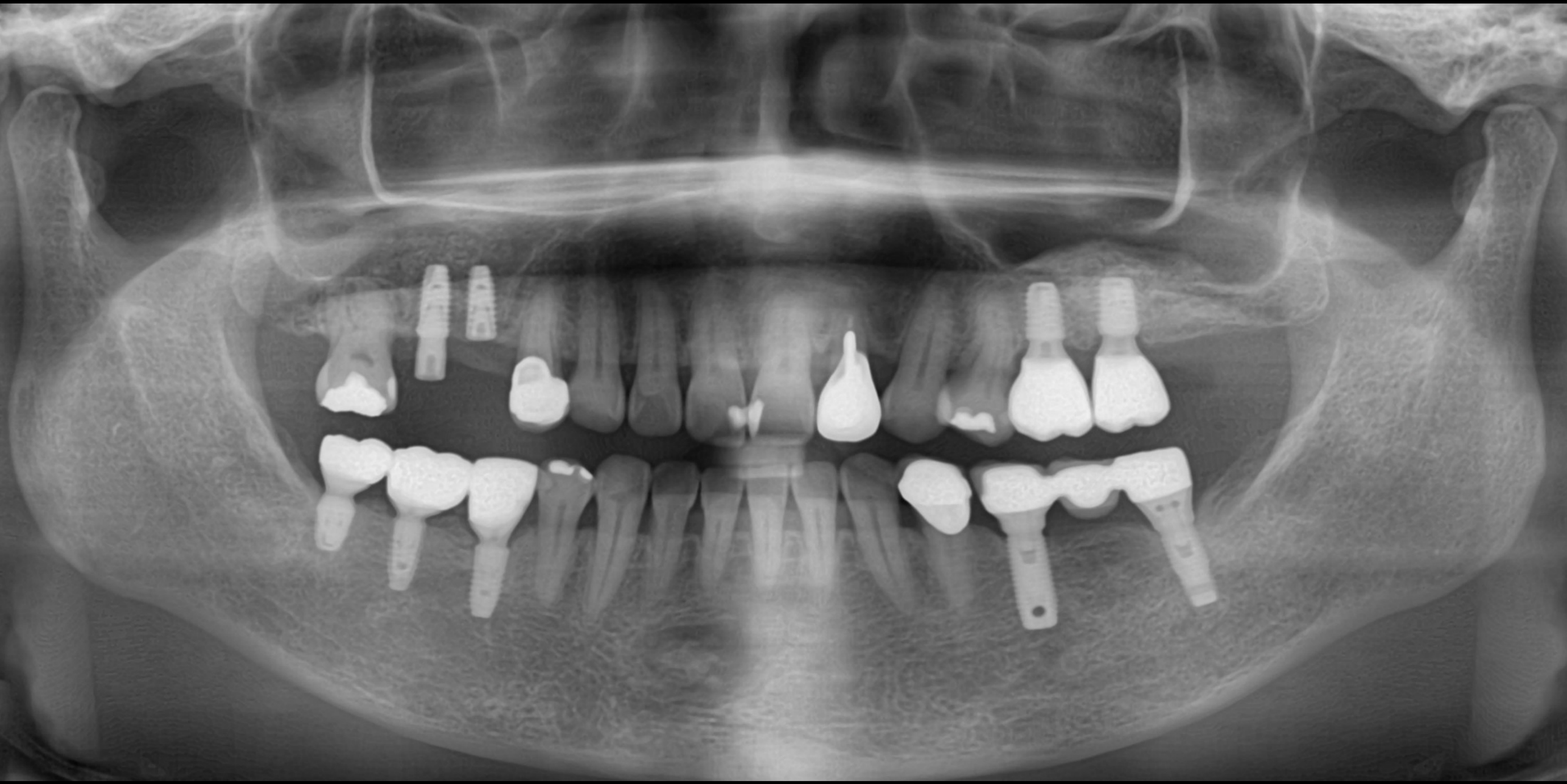
#26 Final prosthesis CT (2021-04-28)



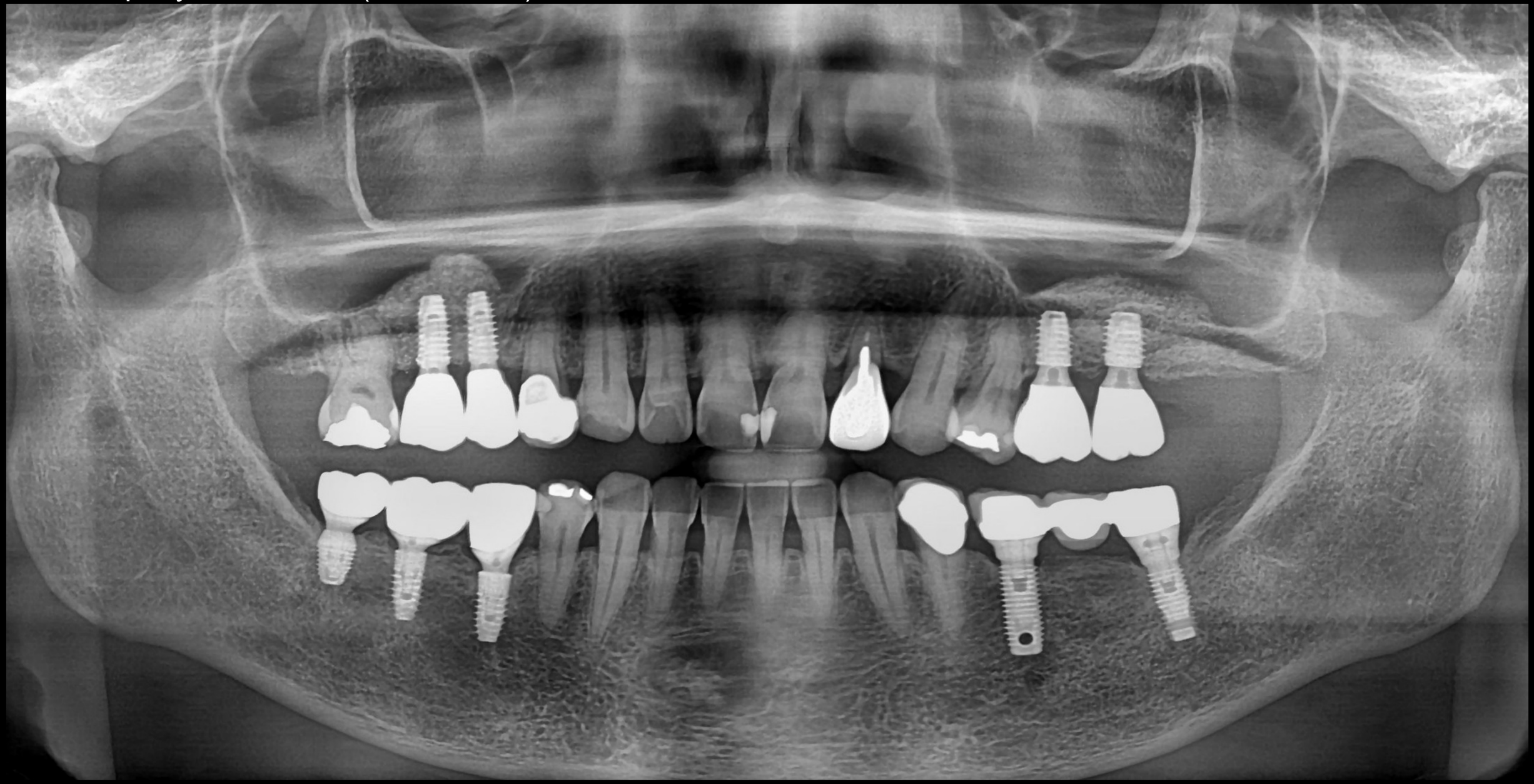




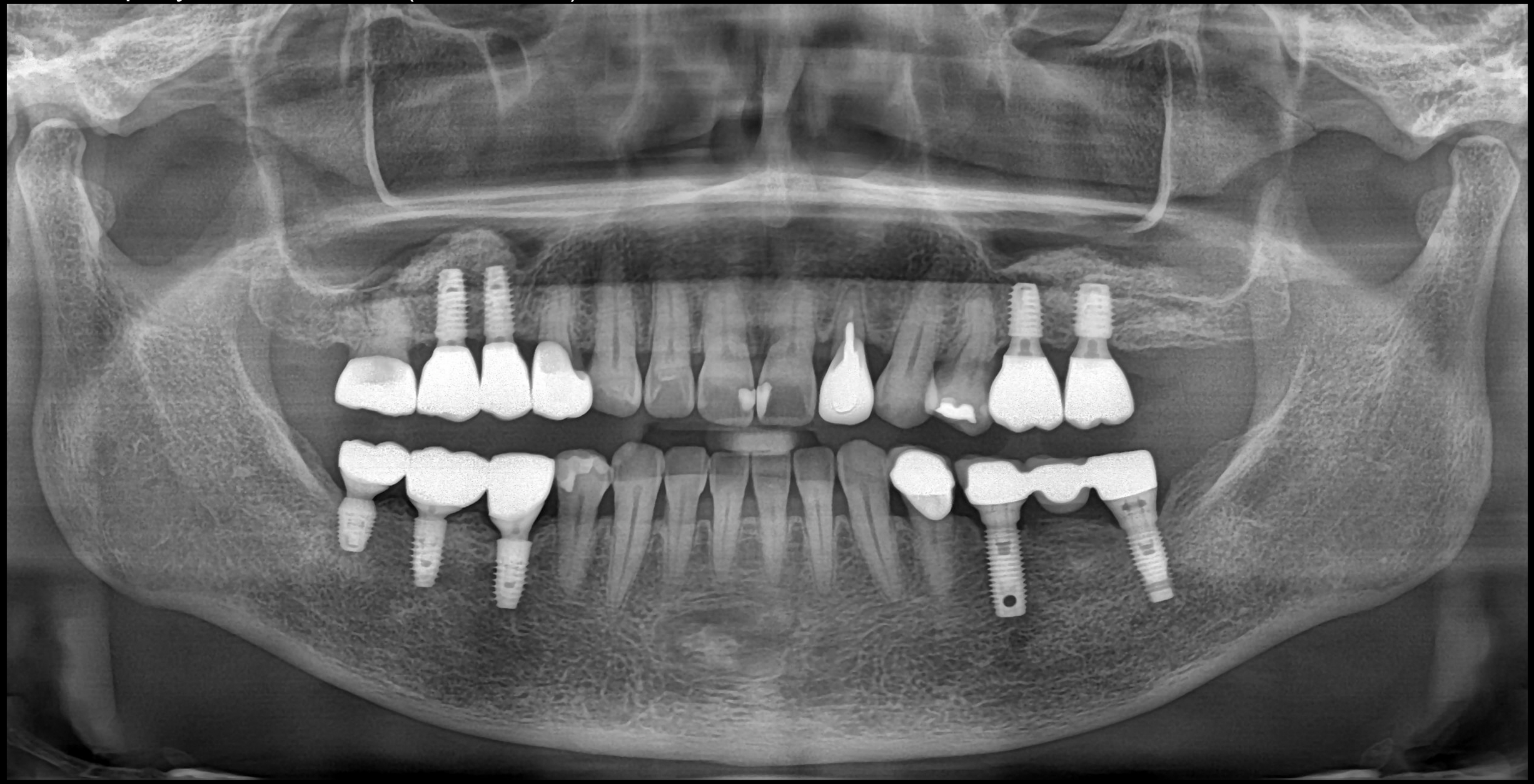
Follow up 1 year 1 month (2021-10-07)



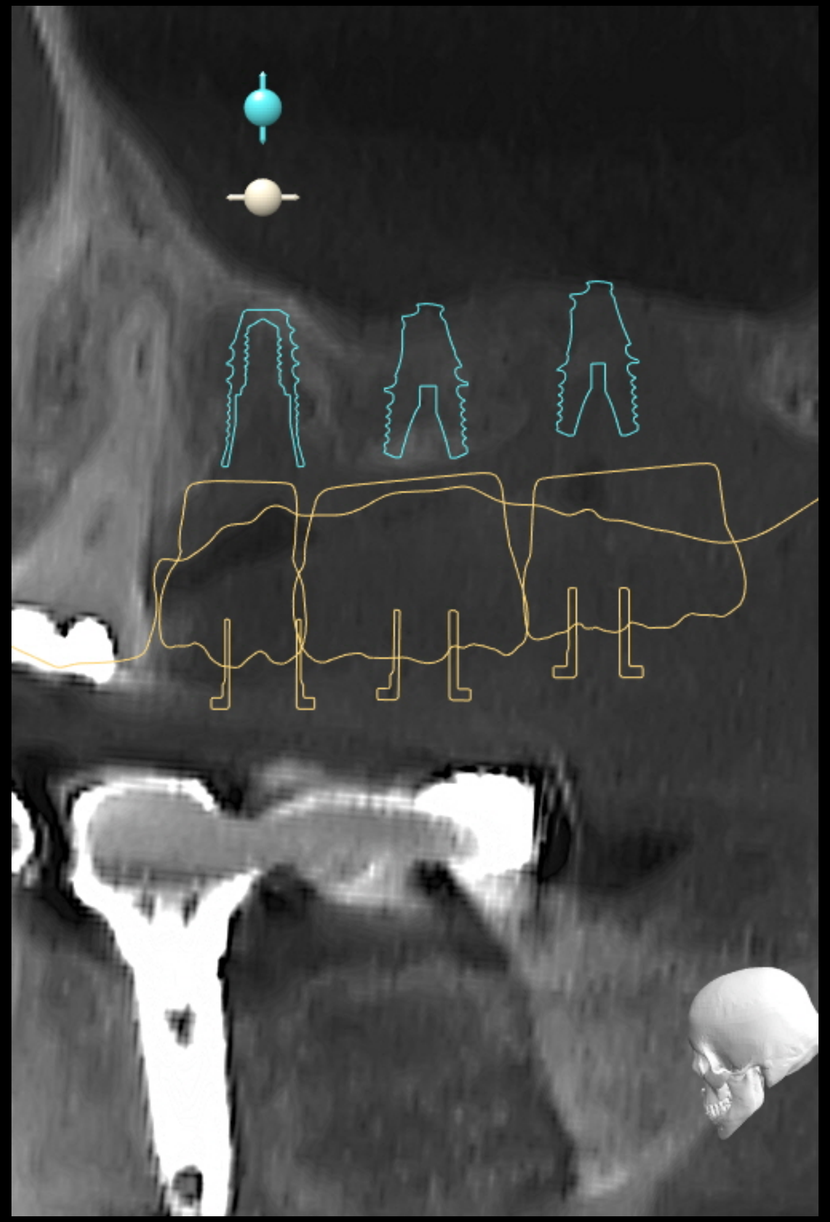
Follow up 1 year 9 month (2022-05-19)



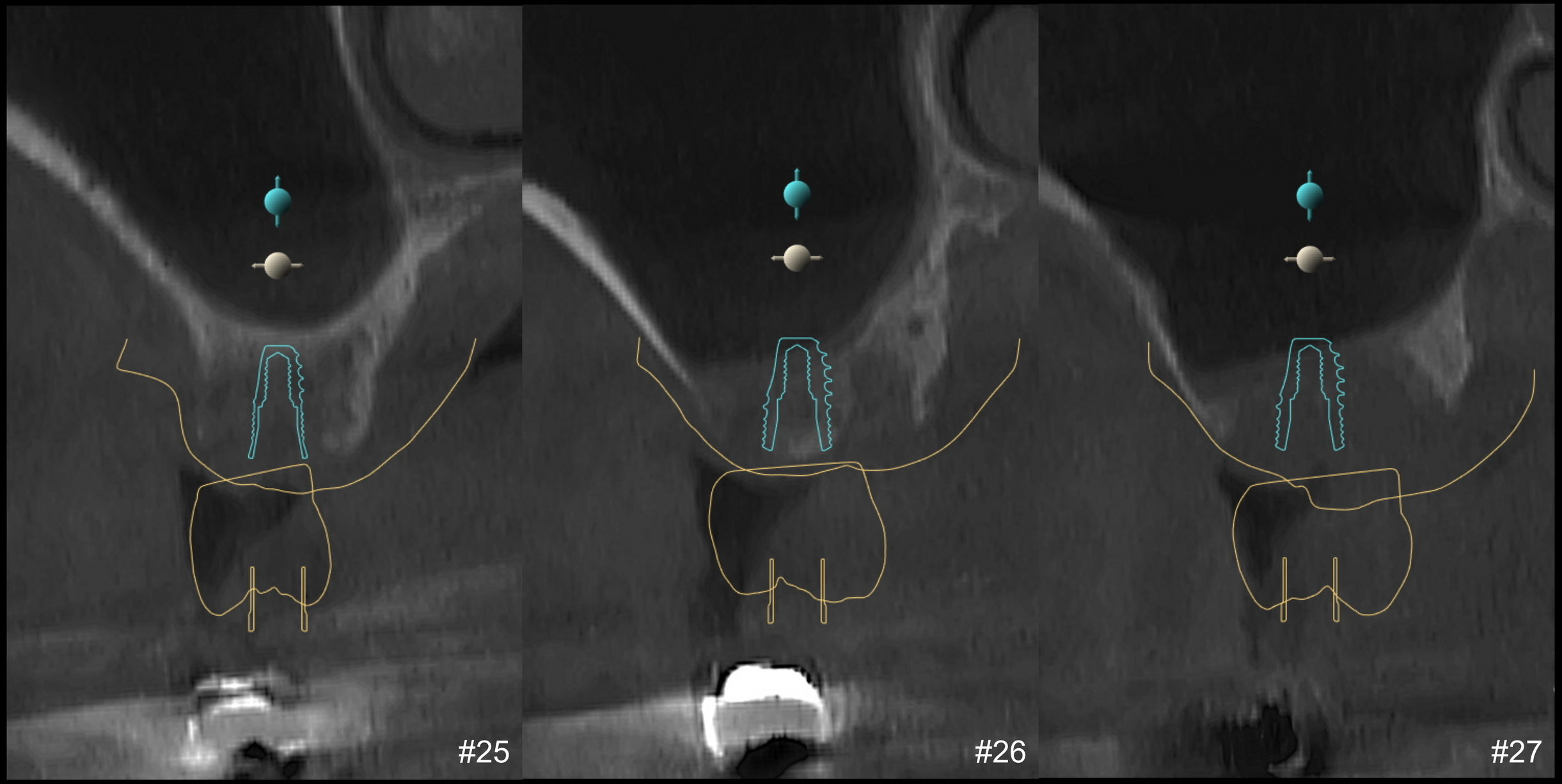
Follow up 2 years 11 months (2023-07-05)



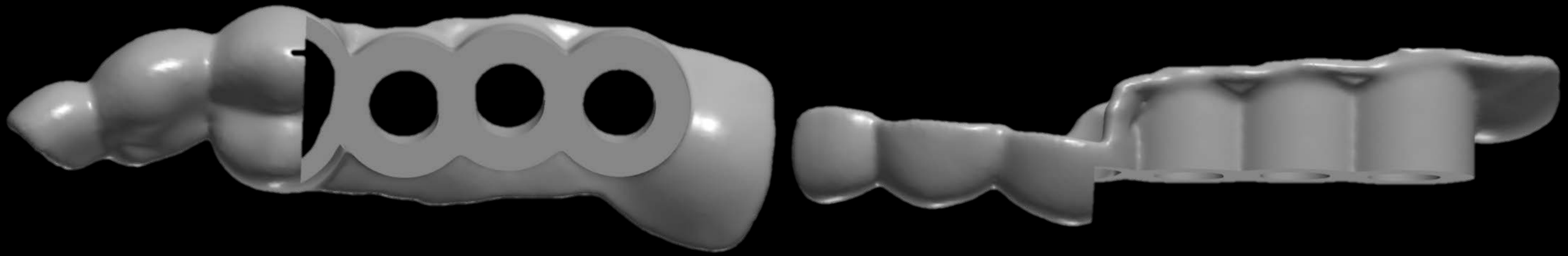
Implant Planning



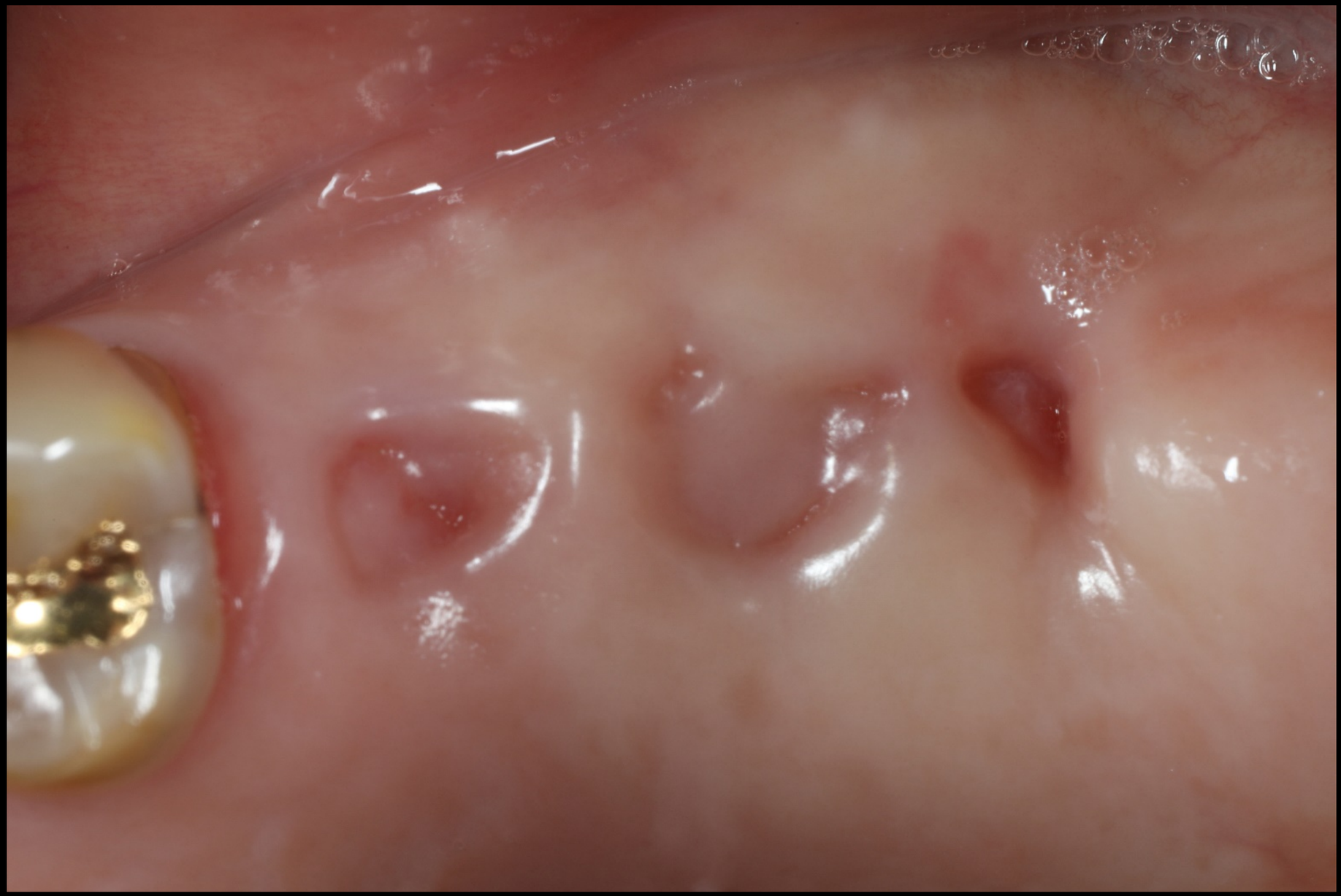
Implant Planning



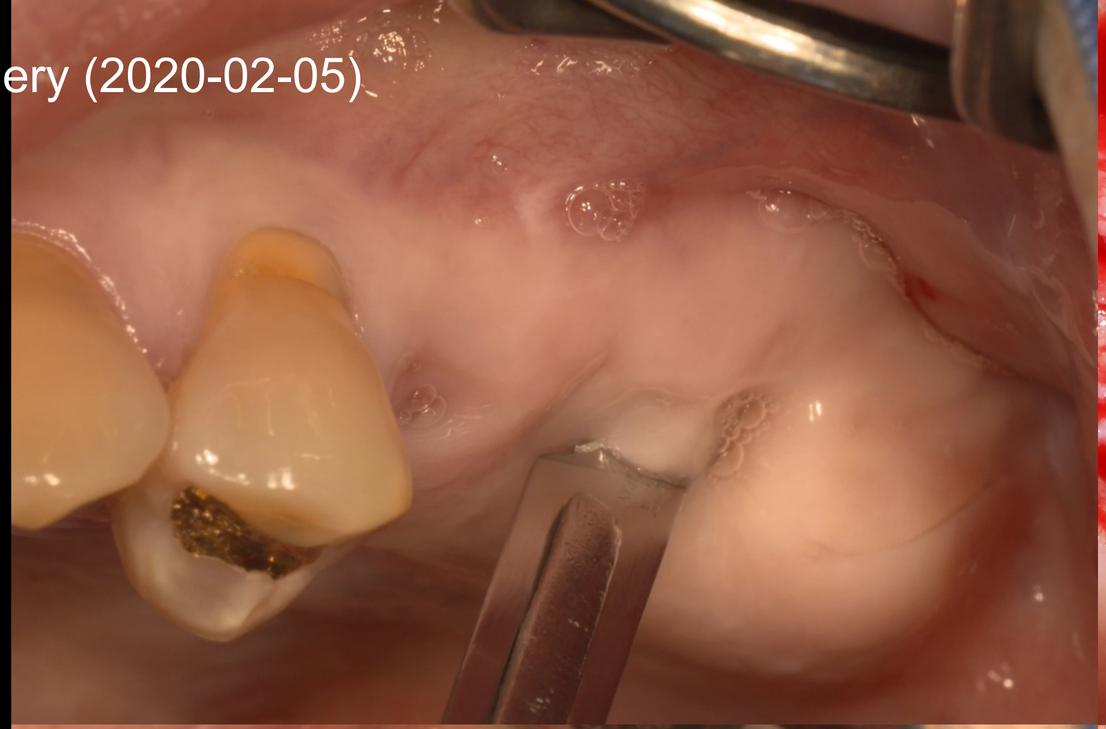
Stent Design

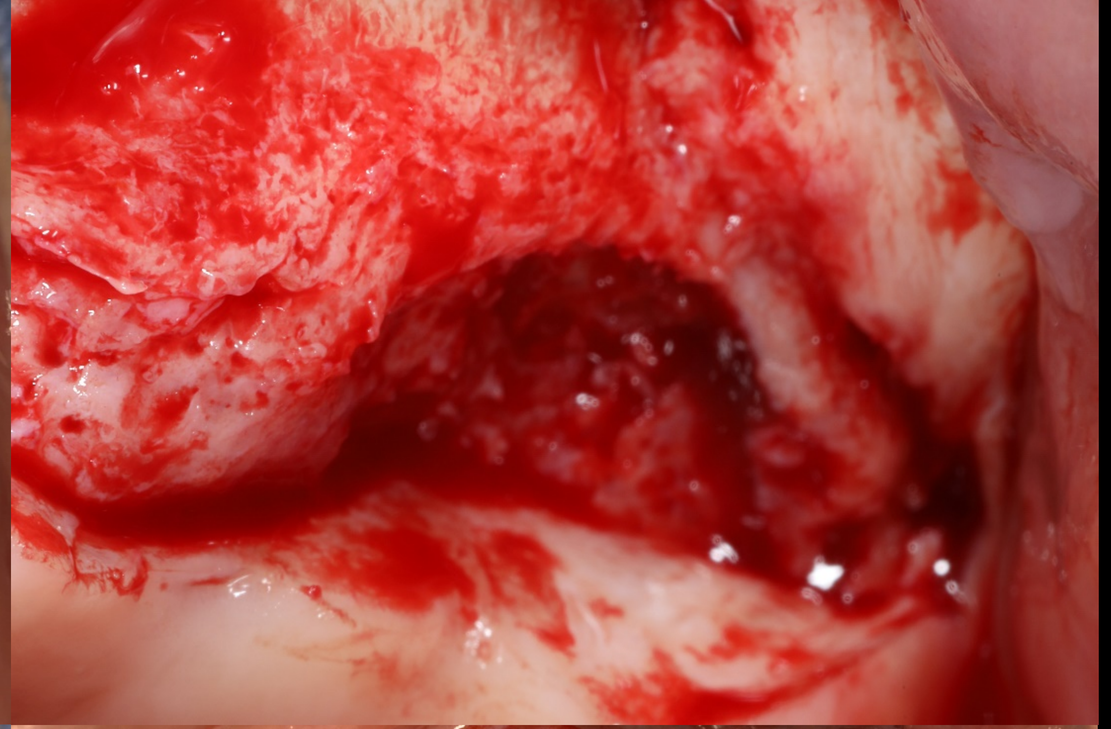


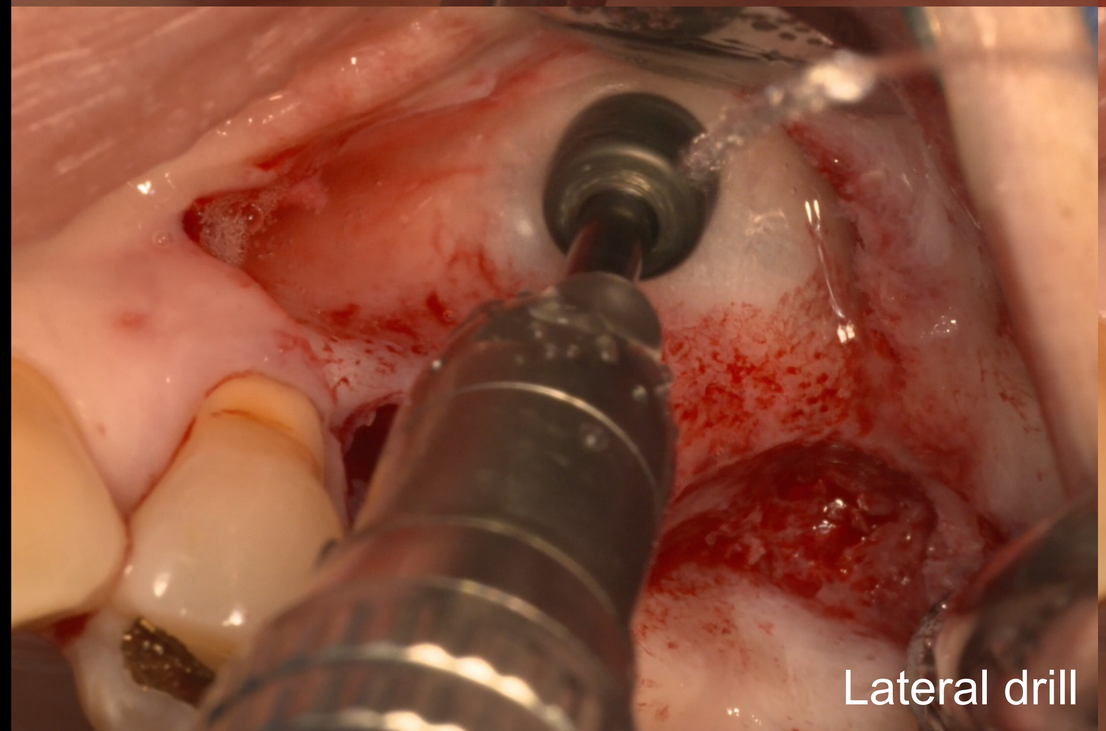
Pre-op (2020-02-05)



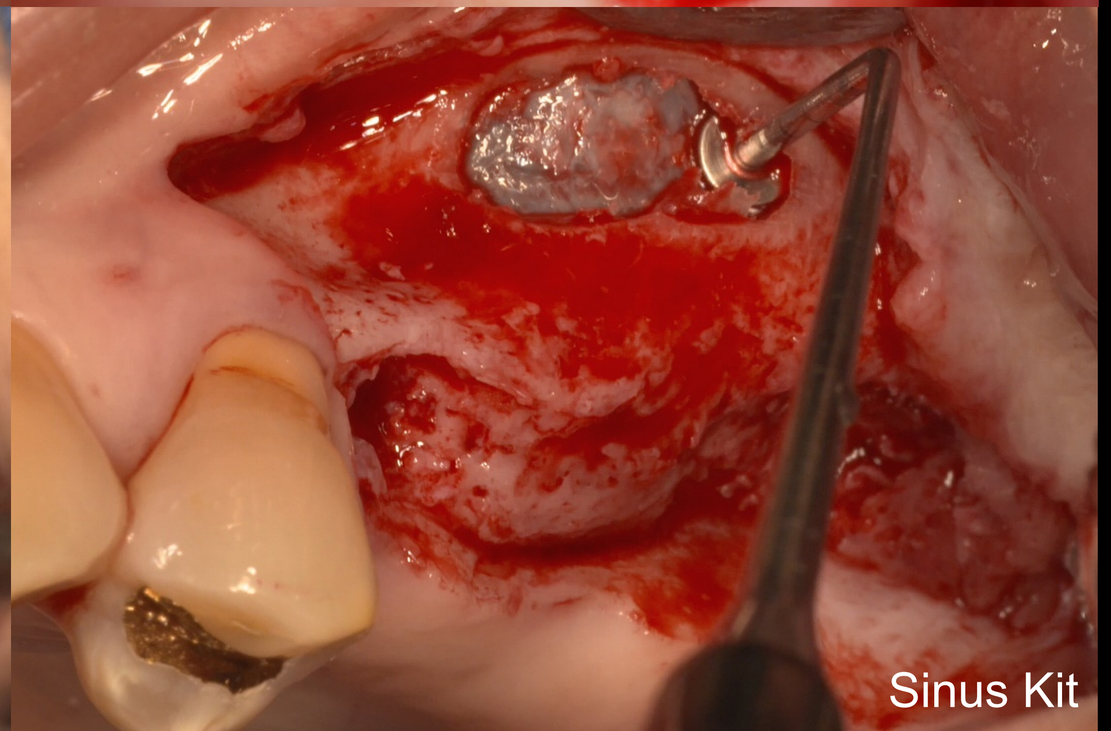
Surgery (2020-02-05)





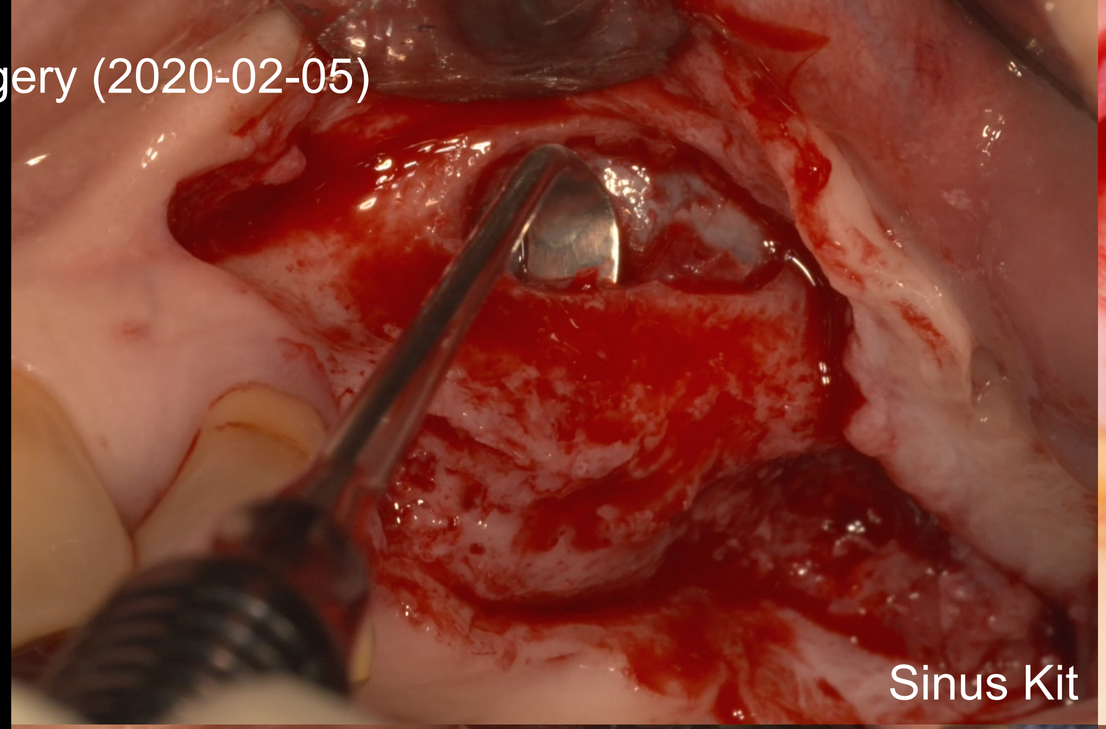


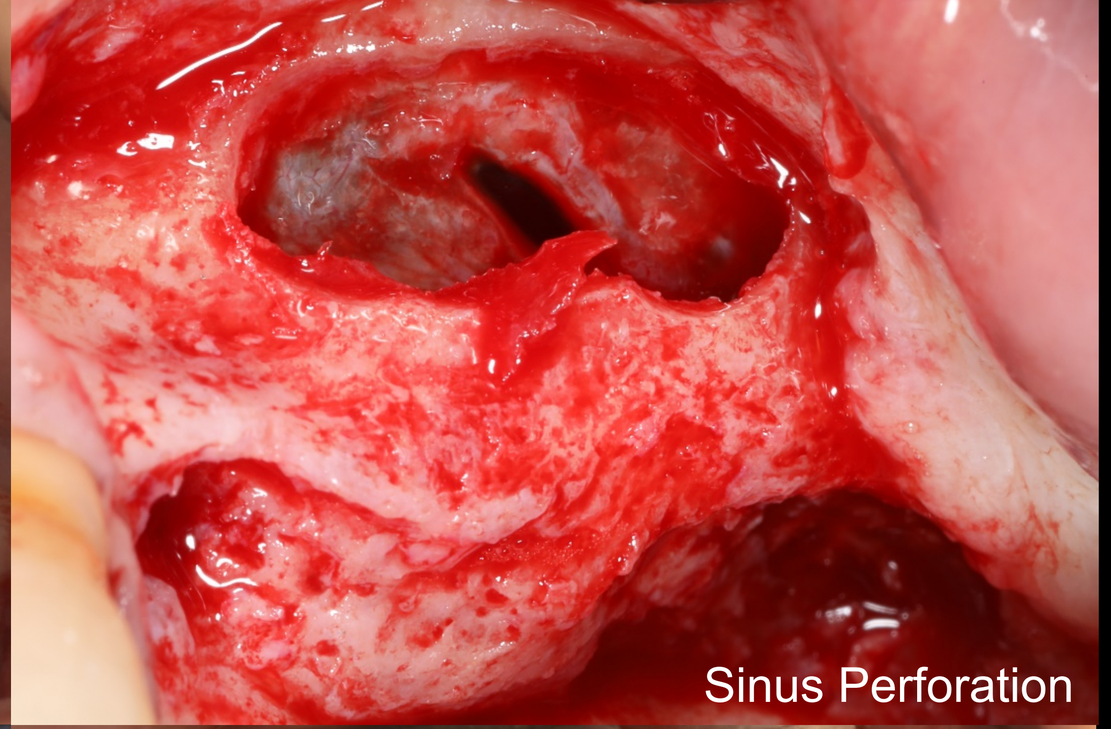
Lateral drill

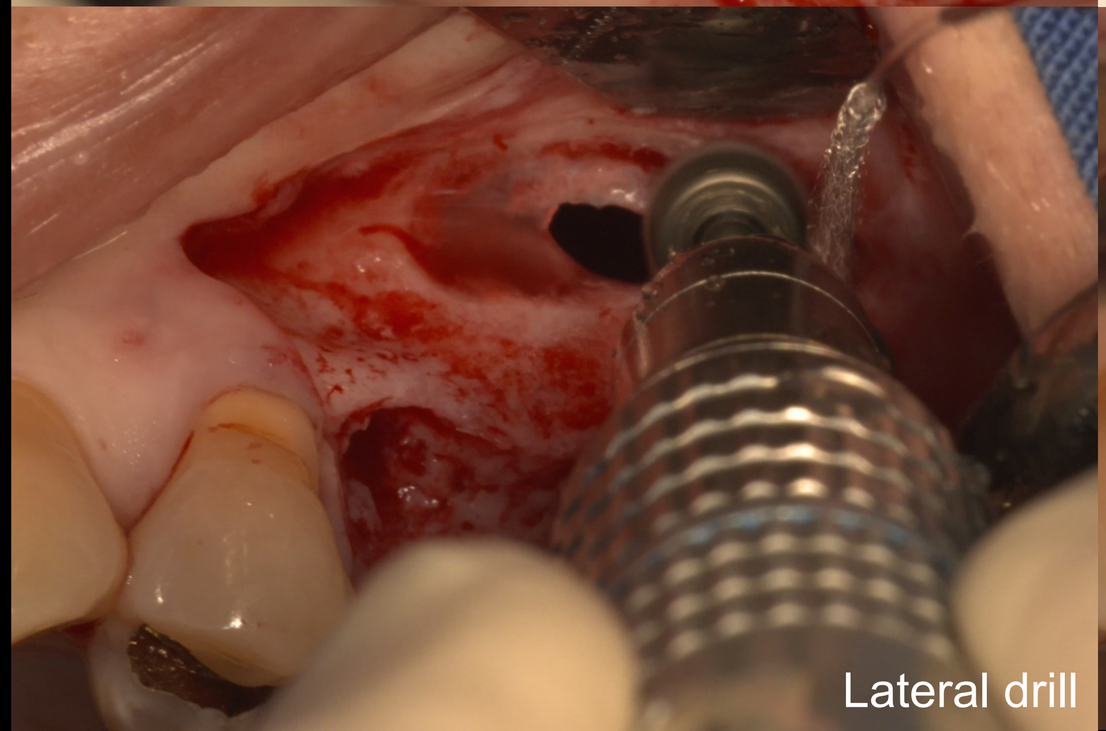


Sinus Kit

Surgery (2020-02-05)

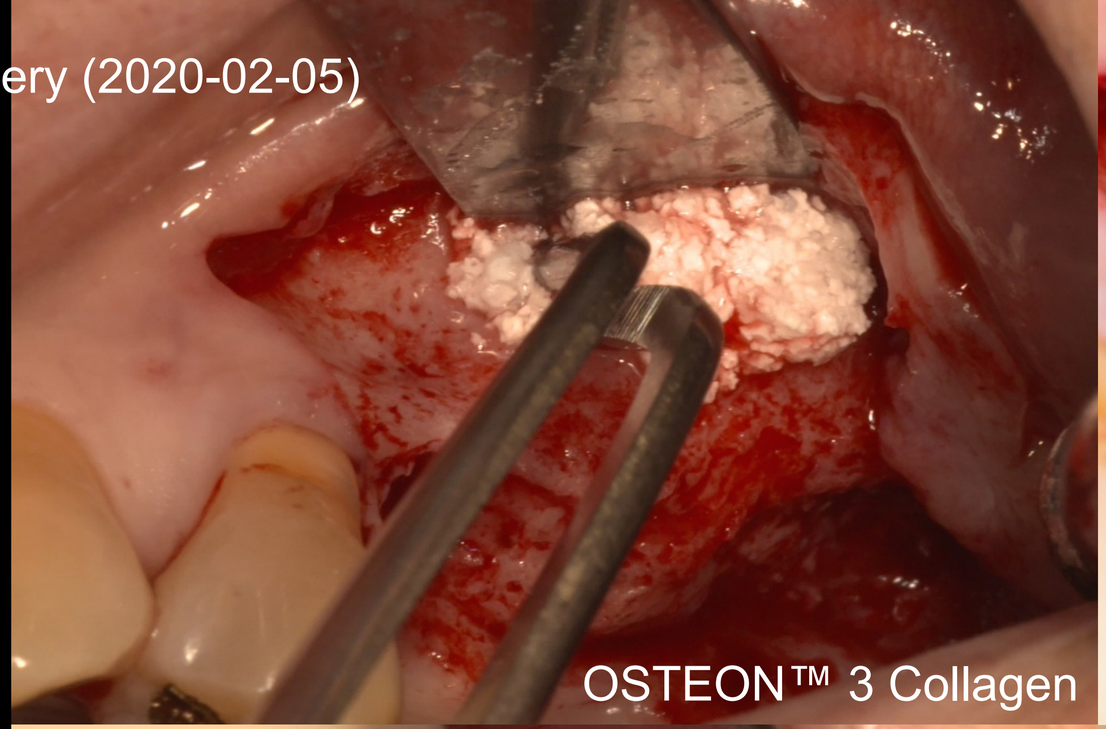

Sinus Kit


Sinus Perforation

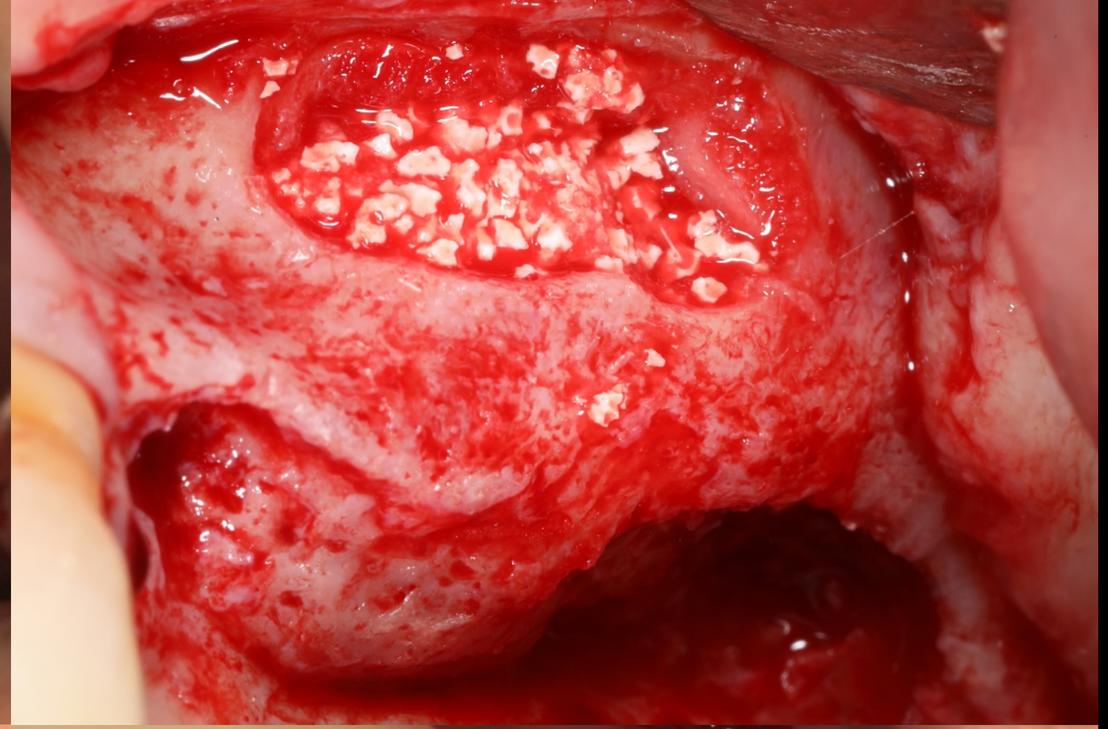

Lateral drill


Collagen Graft 2

Surgery (2020-02-05)

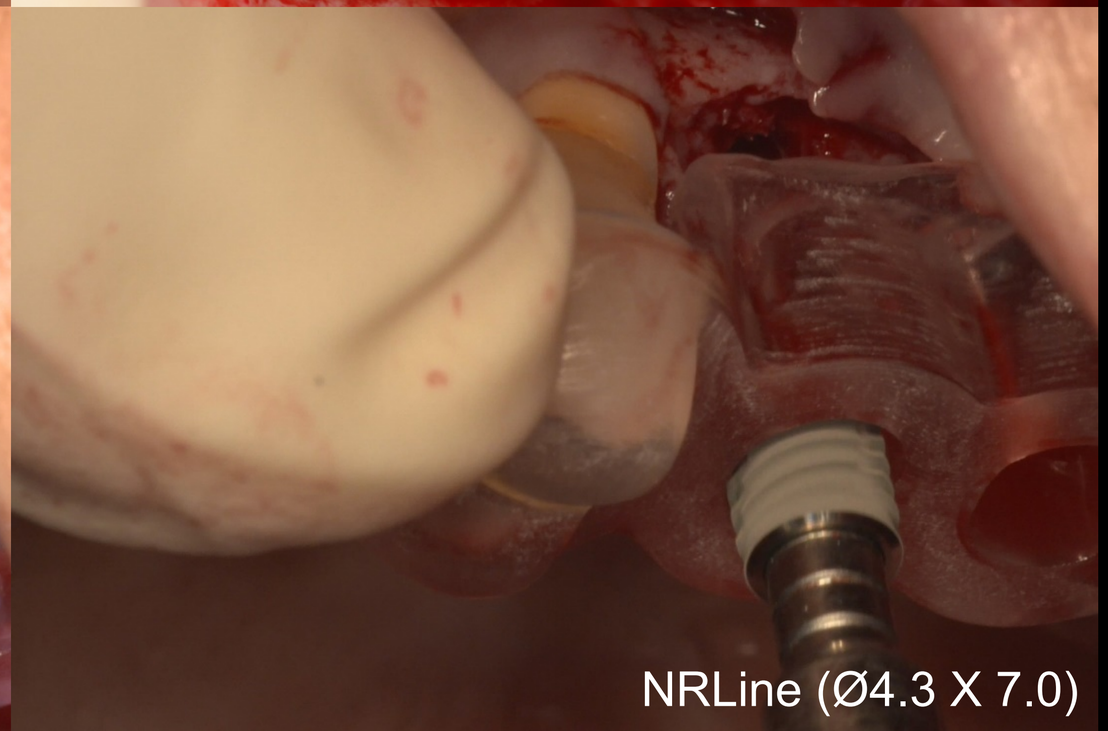


OSTEON™ 3 Collagen



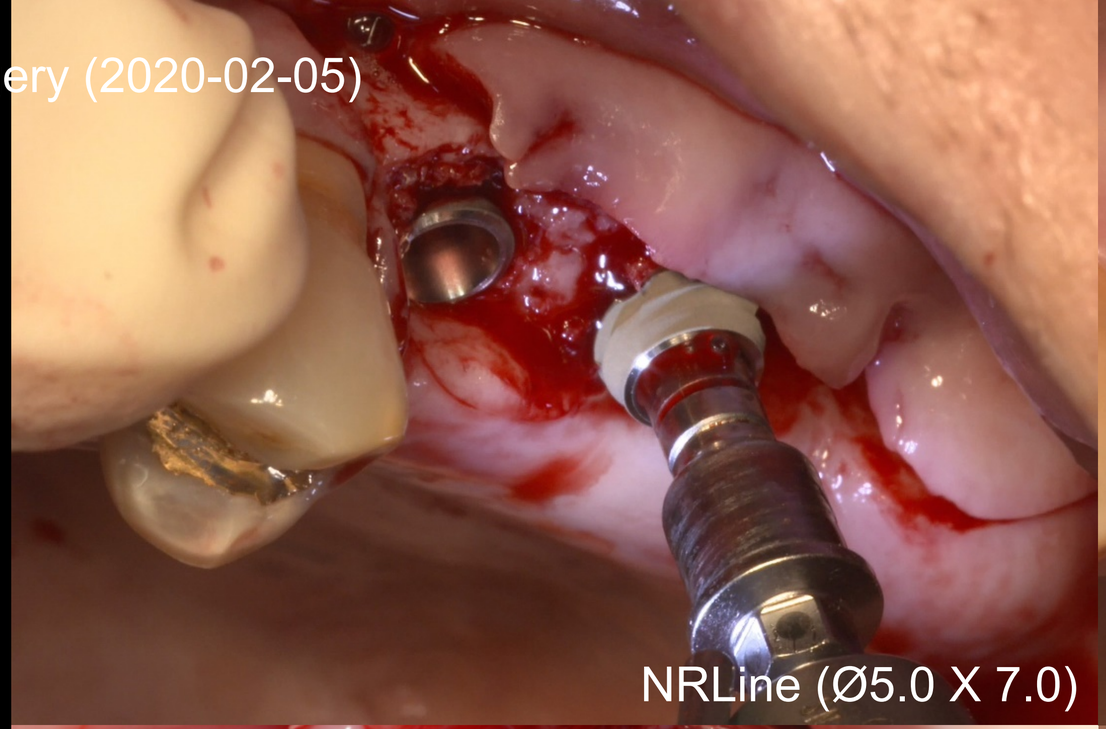


Digital Guide (Milling, Full Kit)

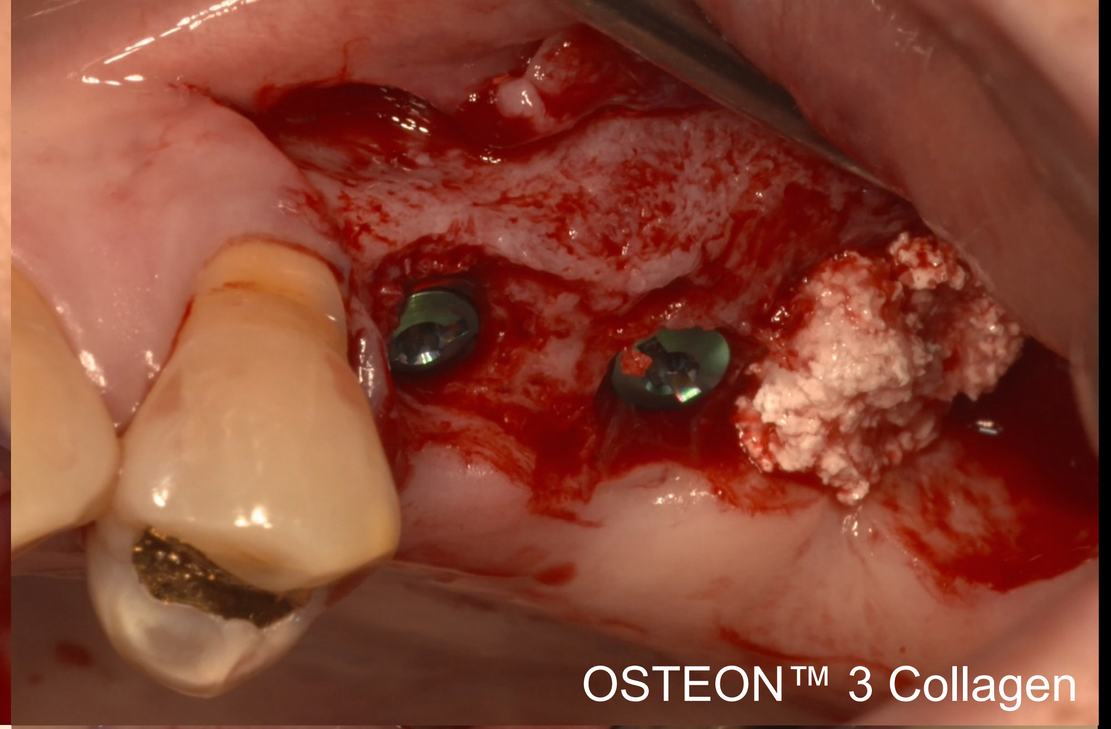


NRLine (Ø4.3 X 7.0)

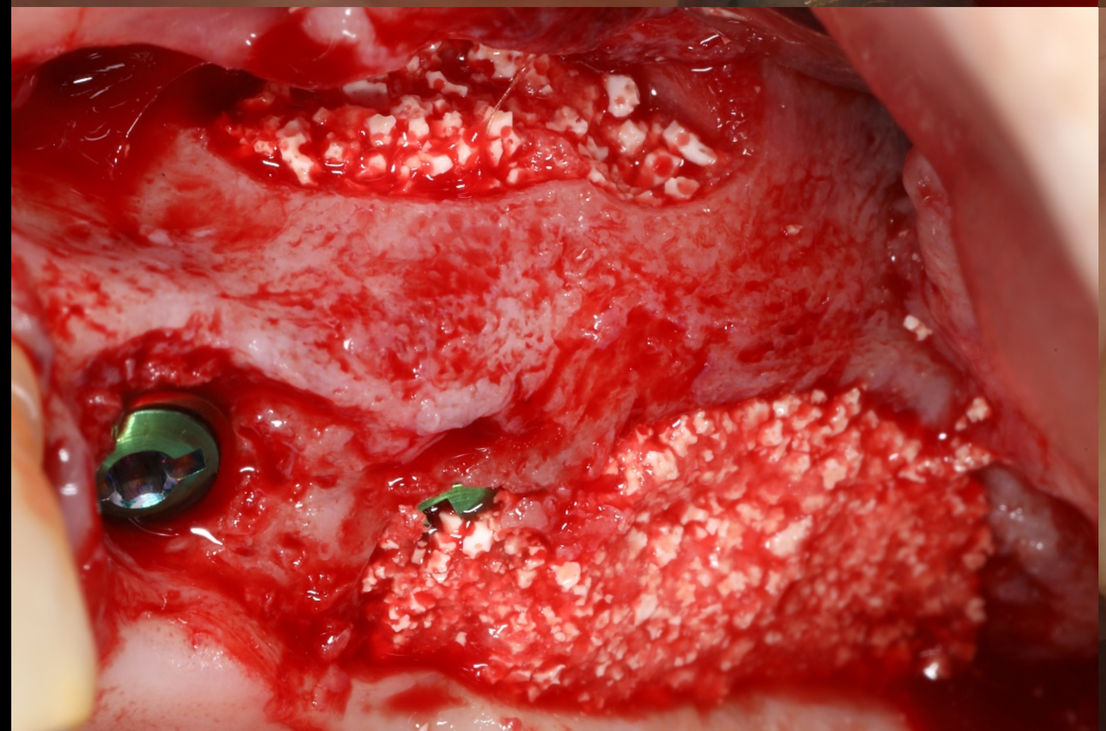
Surgery (2020-02-05)



NRLine (Ø5.0 X 7.0)



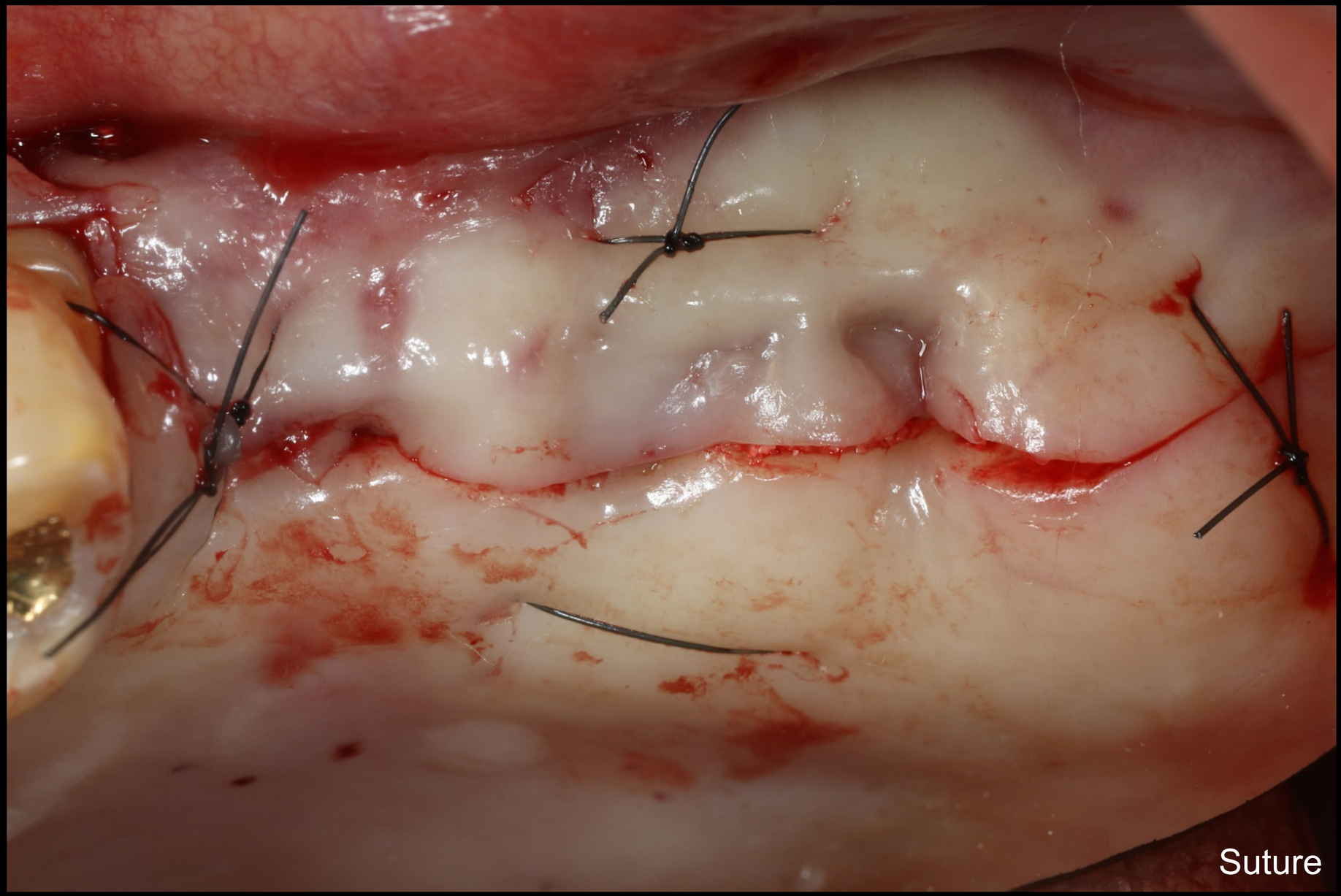
OSTEON™ 3 Collagen



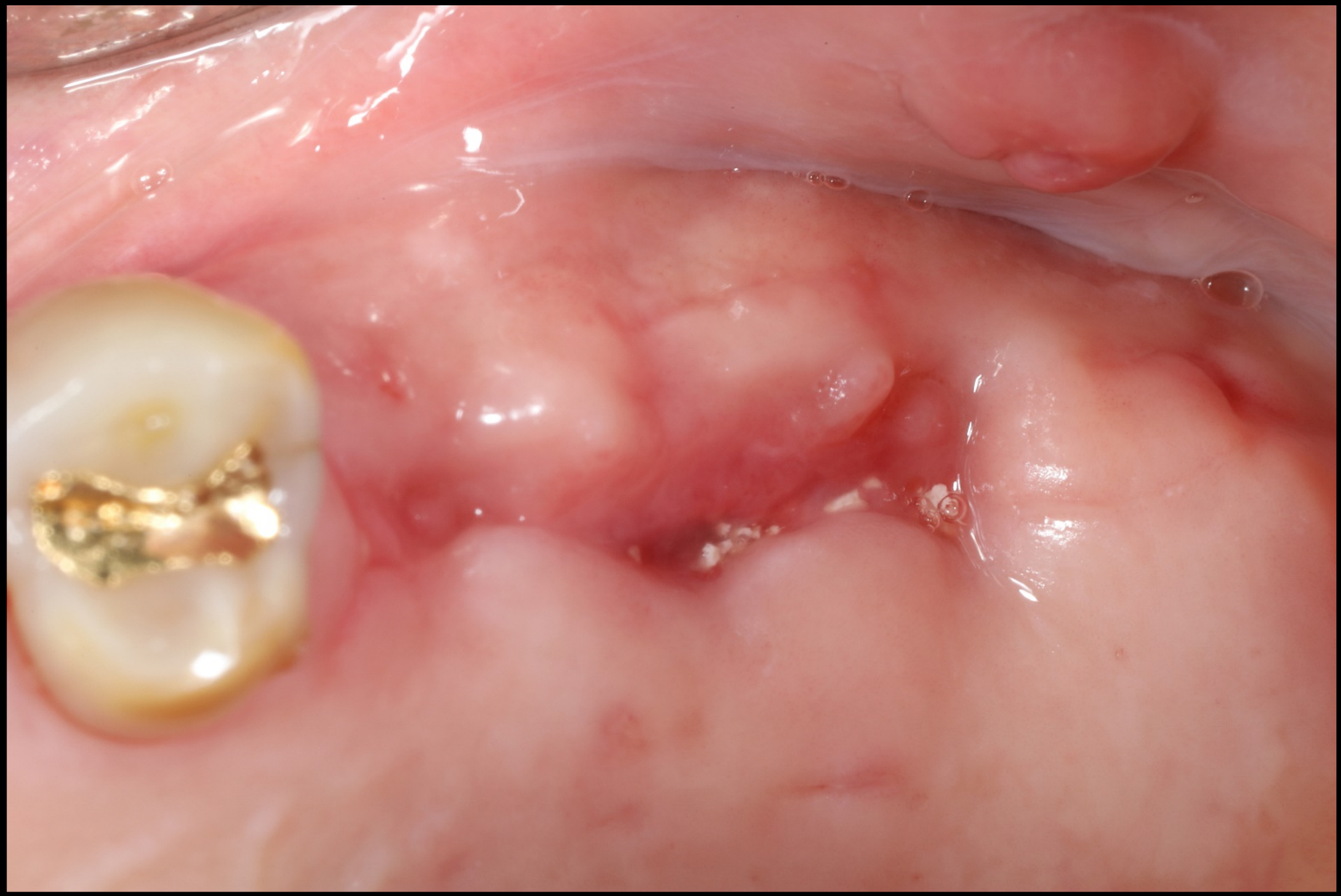


GBR Pin

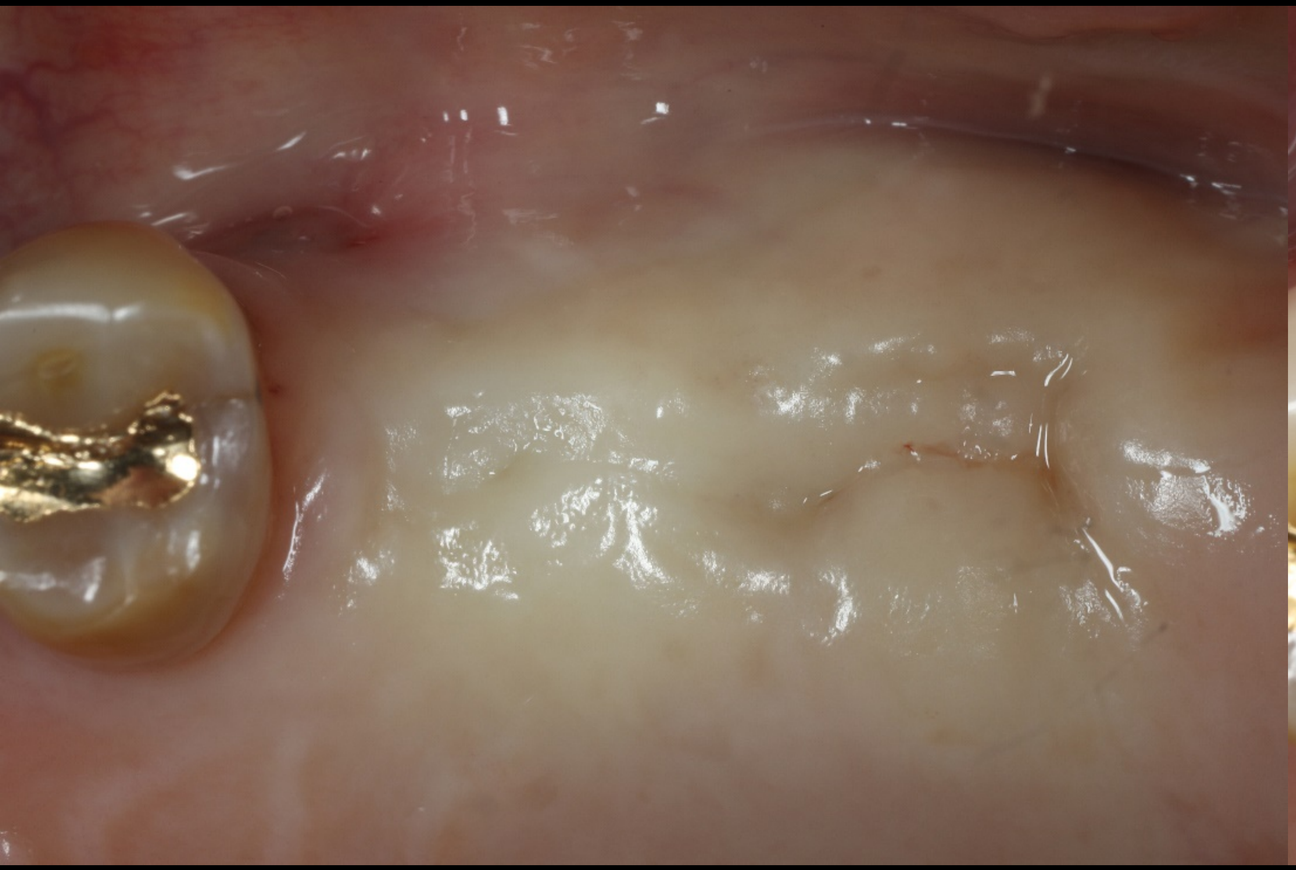
Post-op (2020-02-05)

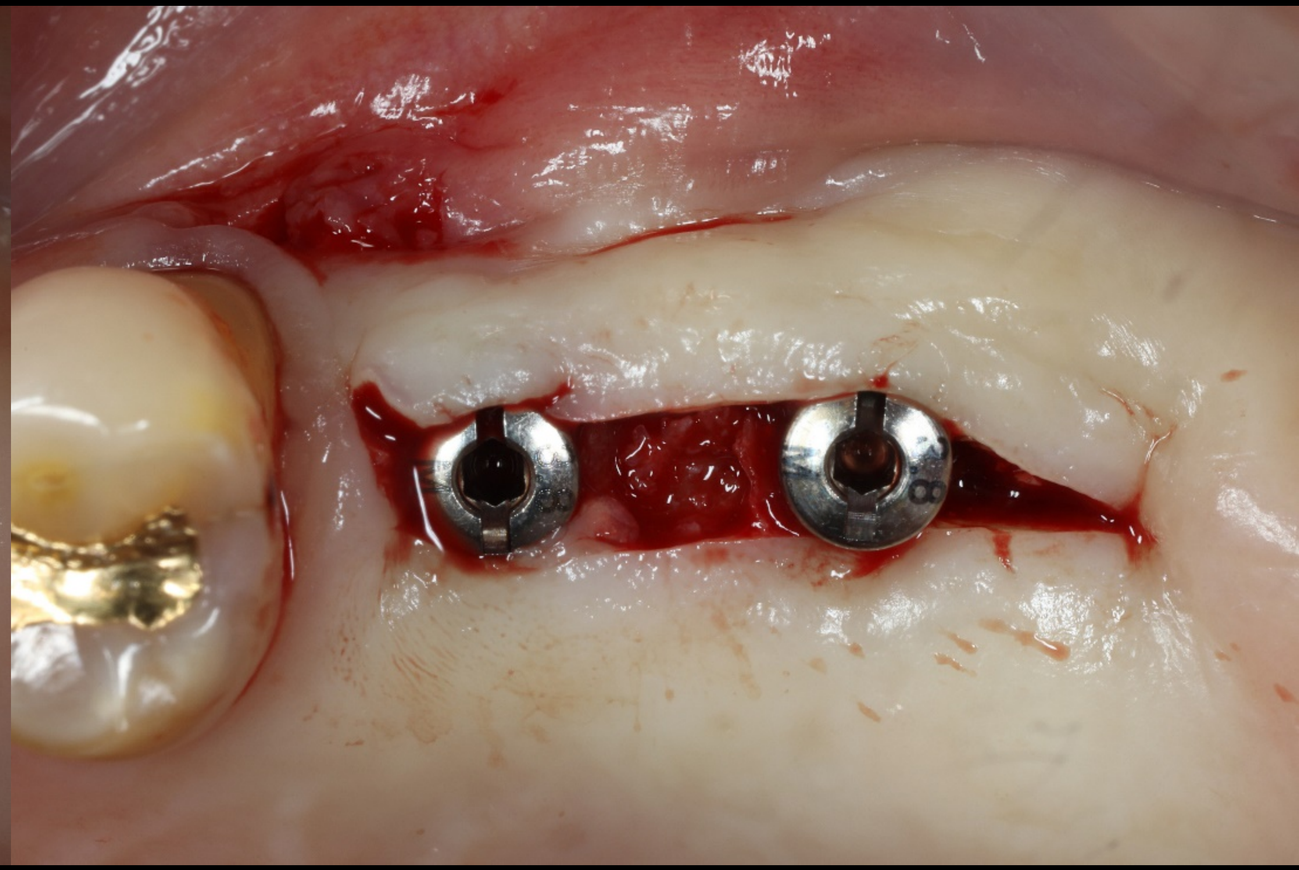


Healing : 2 weeks (2020-02-20)



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





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



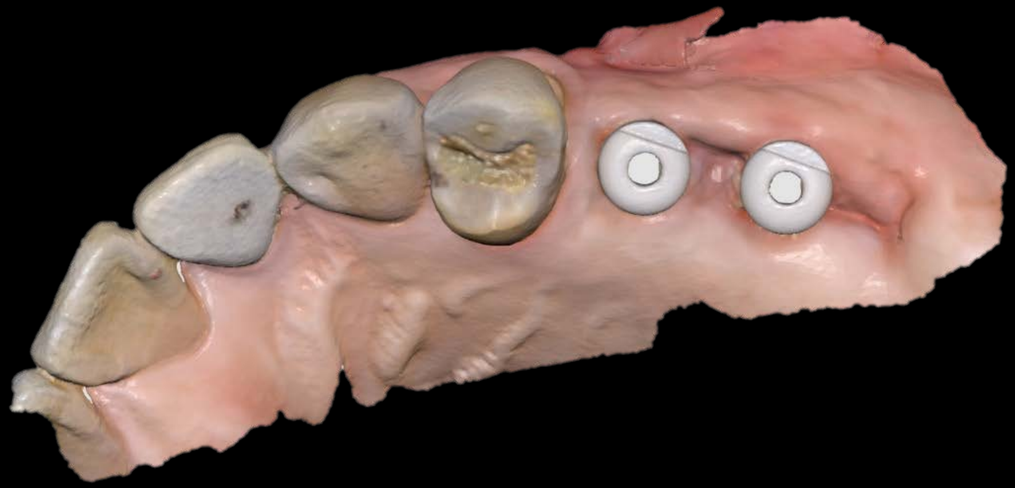
Healing : 1 month (After 2nd Surgery) (2020-07-30)

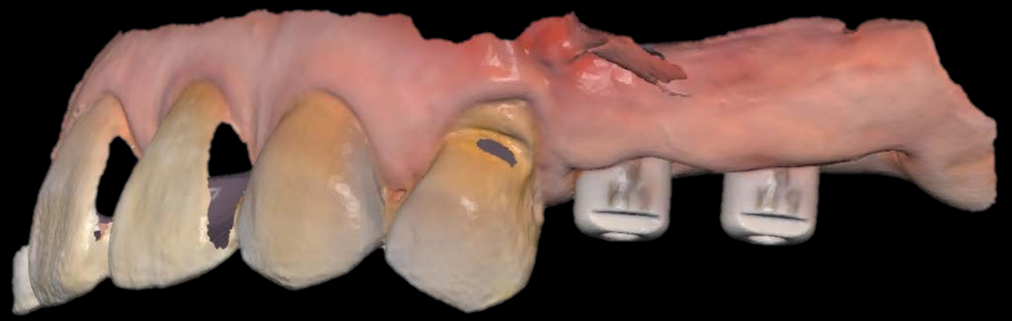


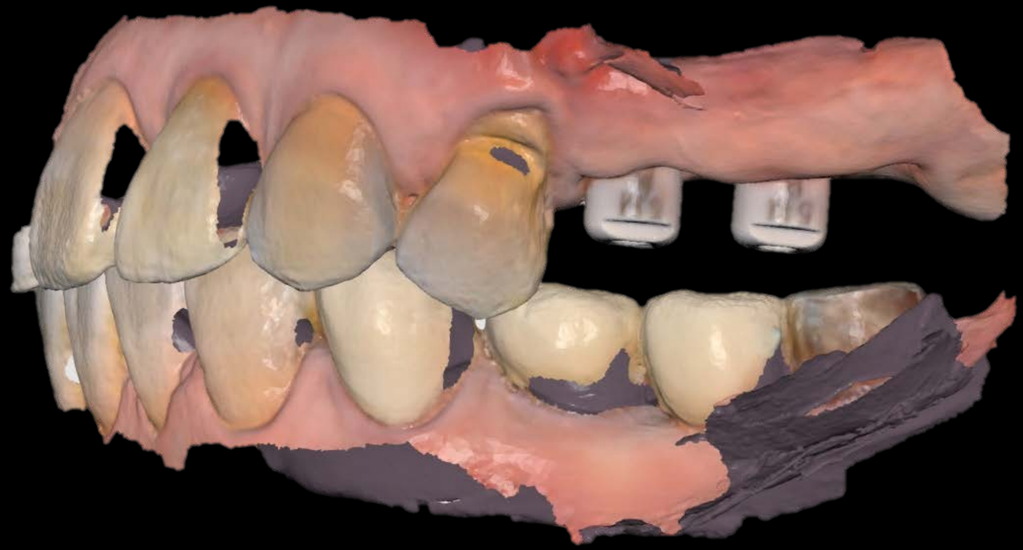
Shade taking



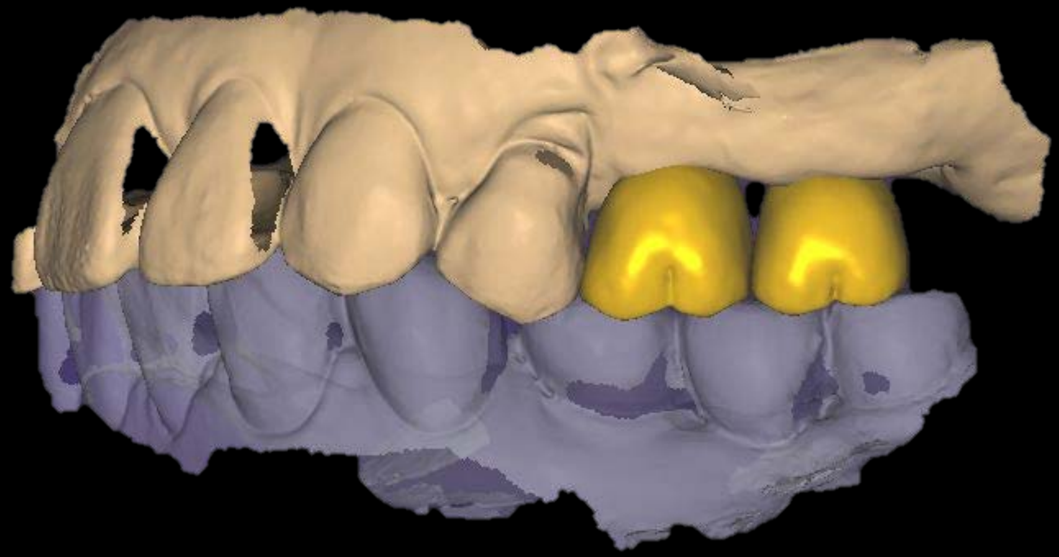
Intra Oral Scanning

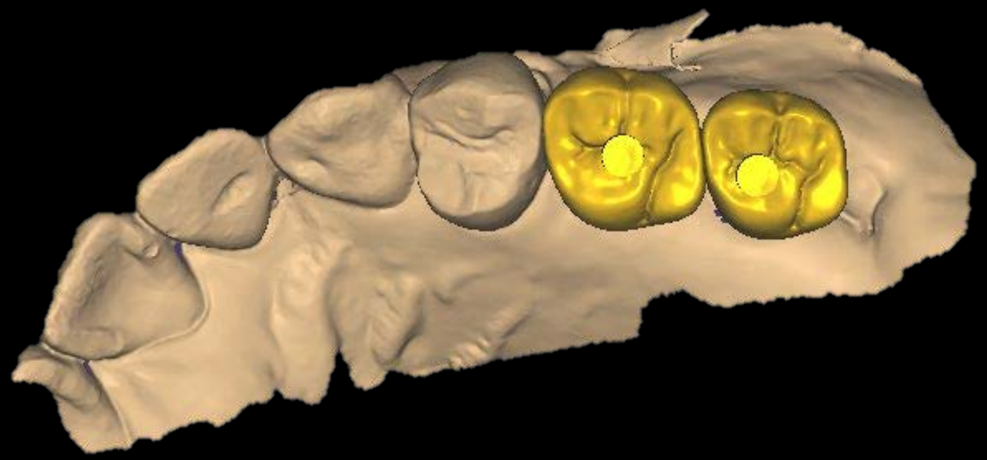


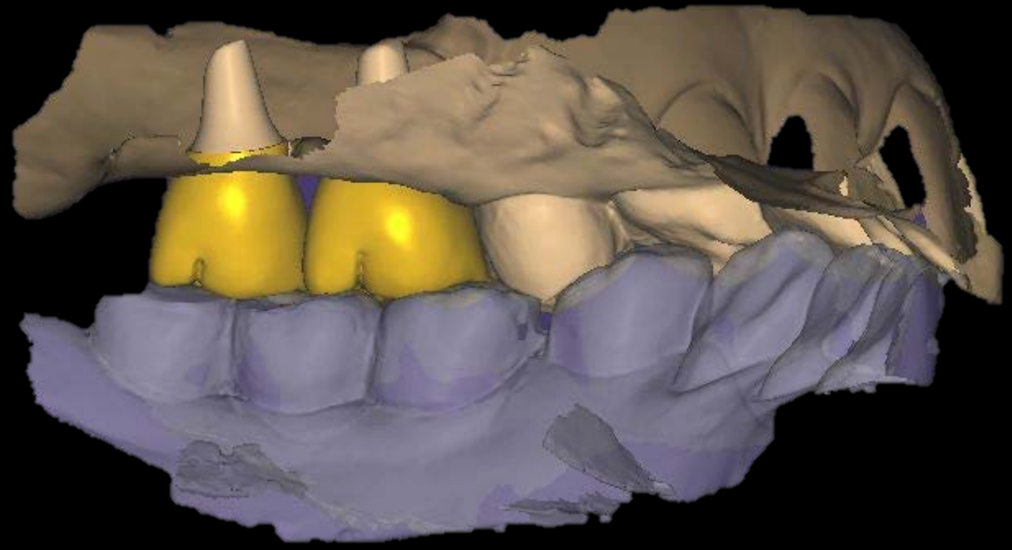


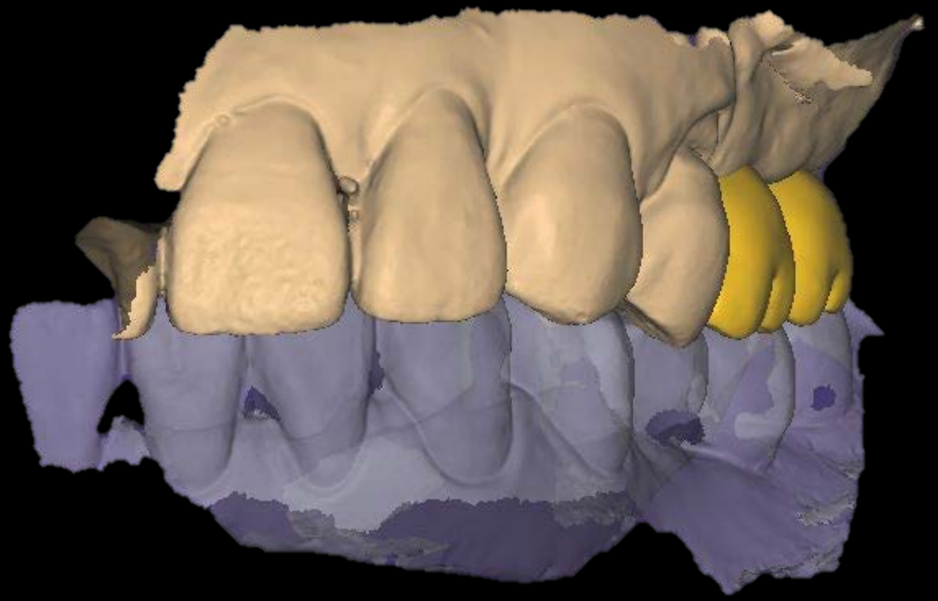


CAD (Final prosthesis)

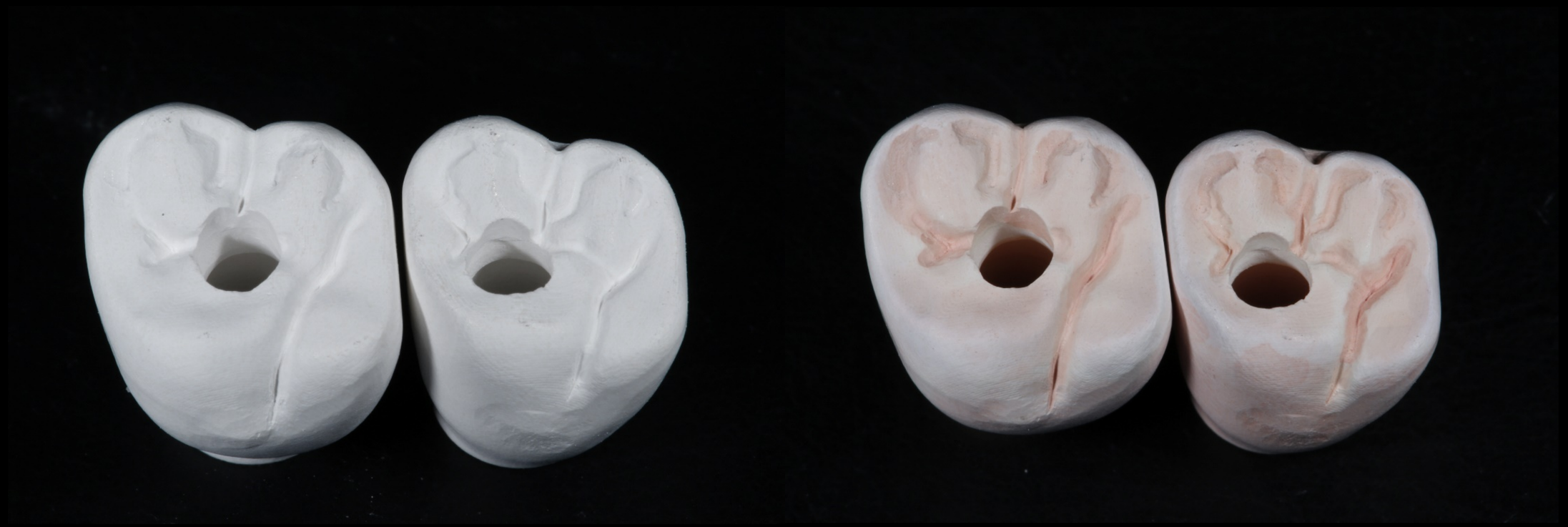




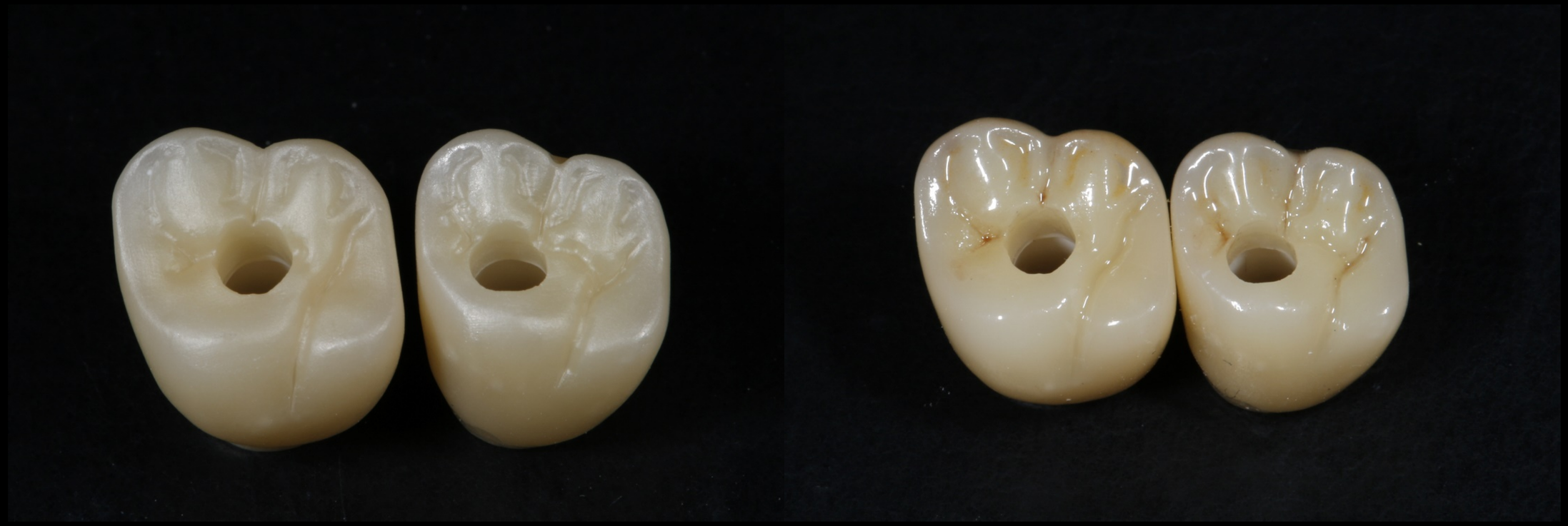




Milling / Brushing



Sintering / Finishing



Final prosthesis (2020-07-30)







HRF (2020-08-12)



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



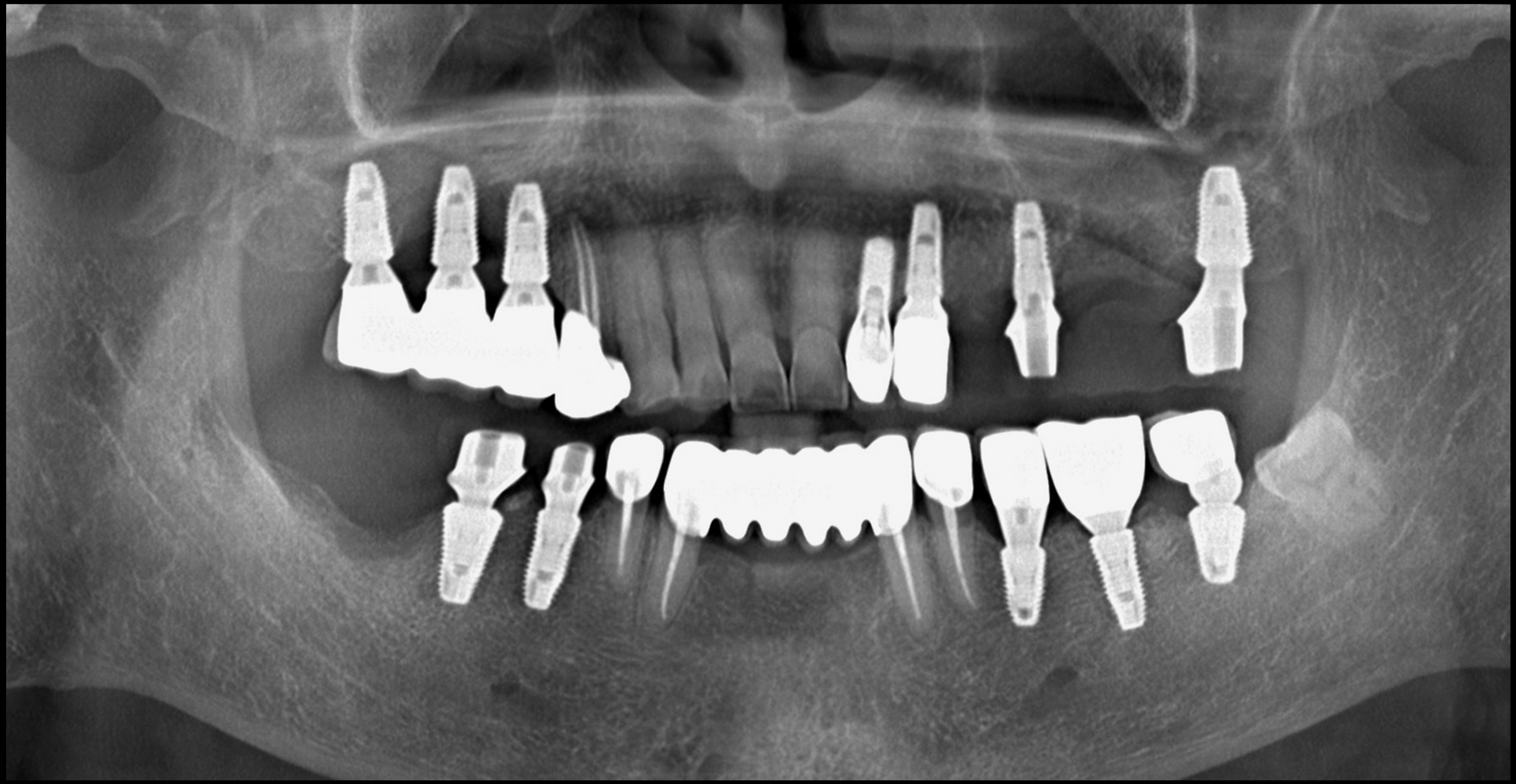
Follow up : 5 year 2 month (2022-12-21)



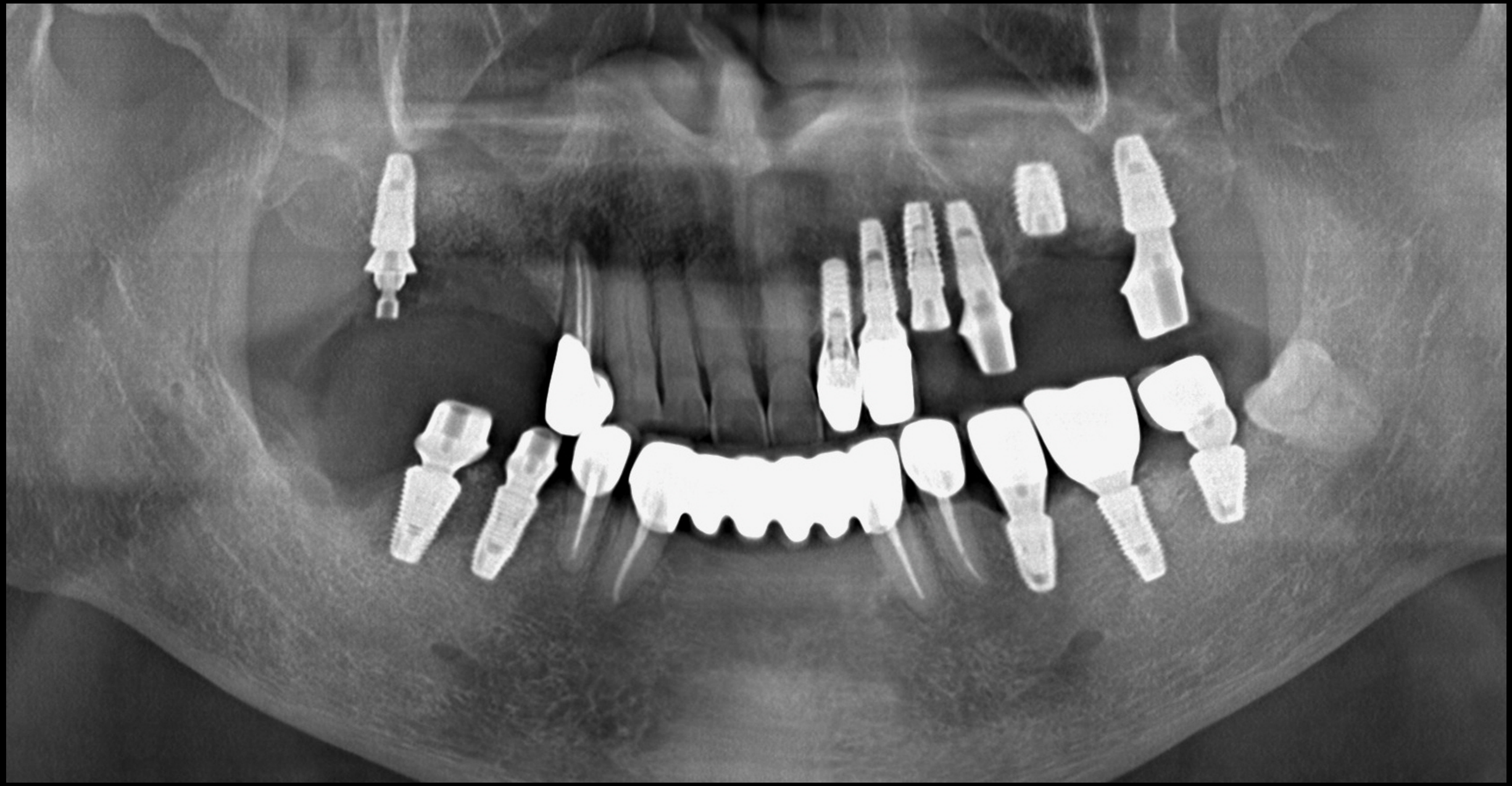
Sinusitis Treatment

Pt. 1947 / M

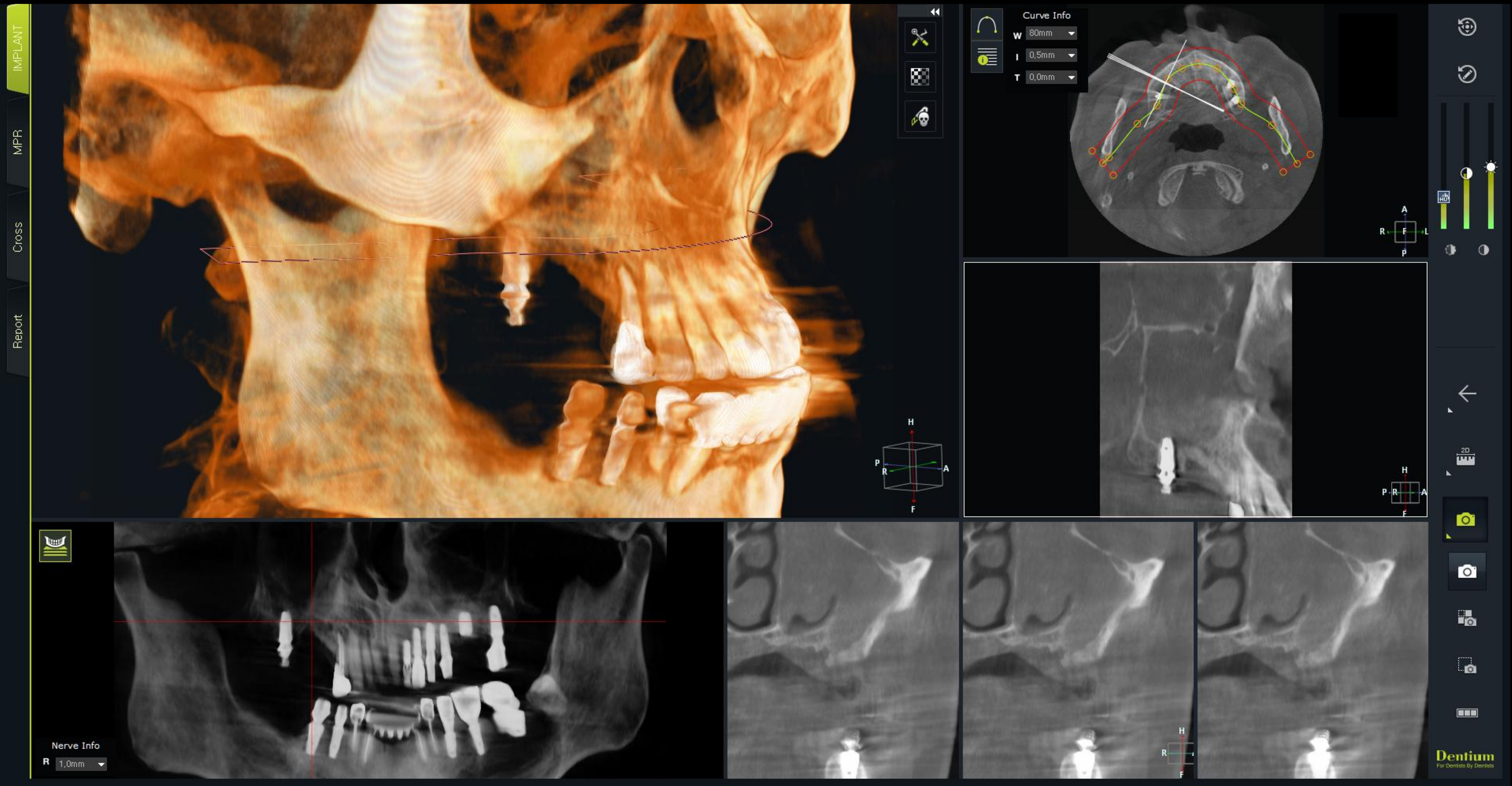
Oral exam (2019-09-25)



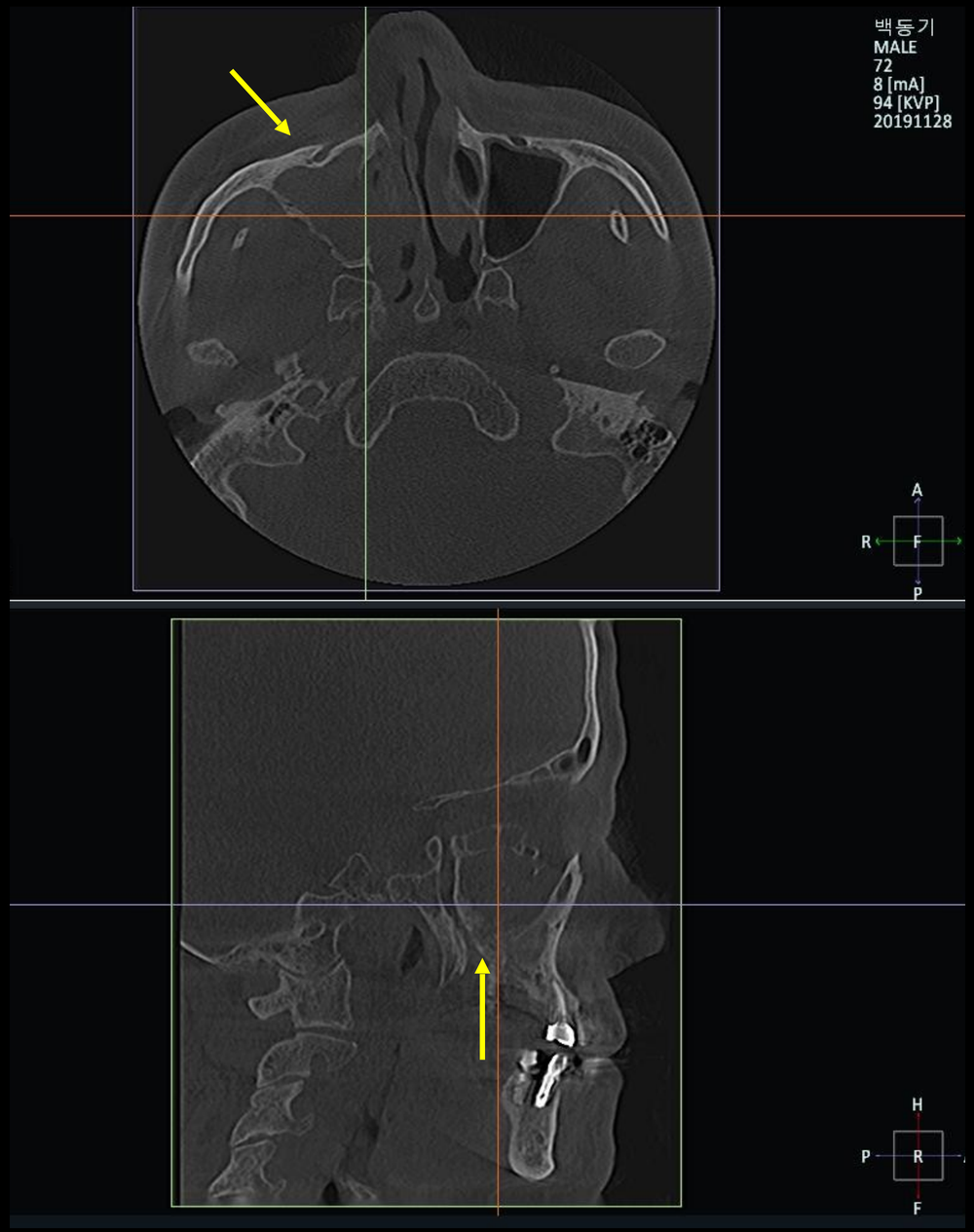
Pre-op (2019-10-16)



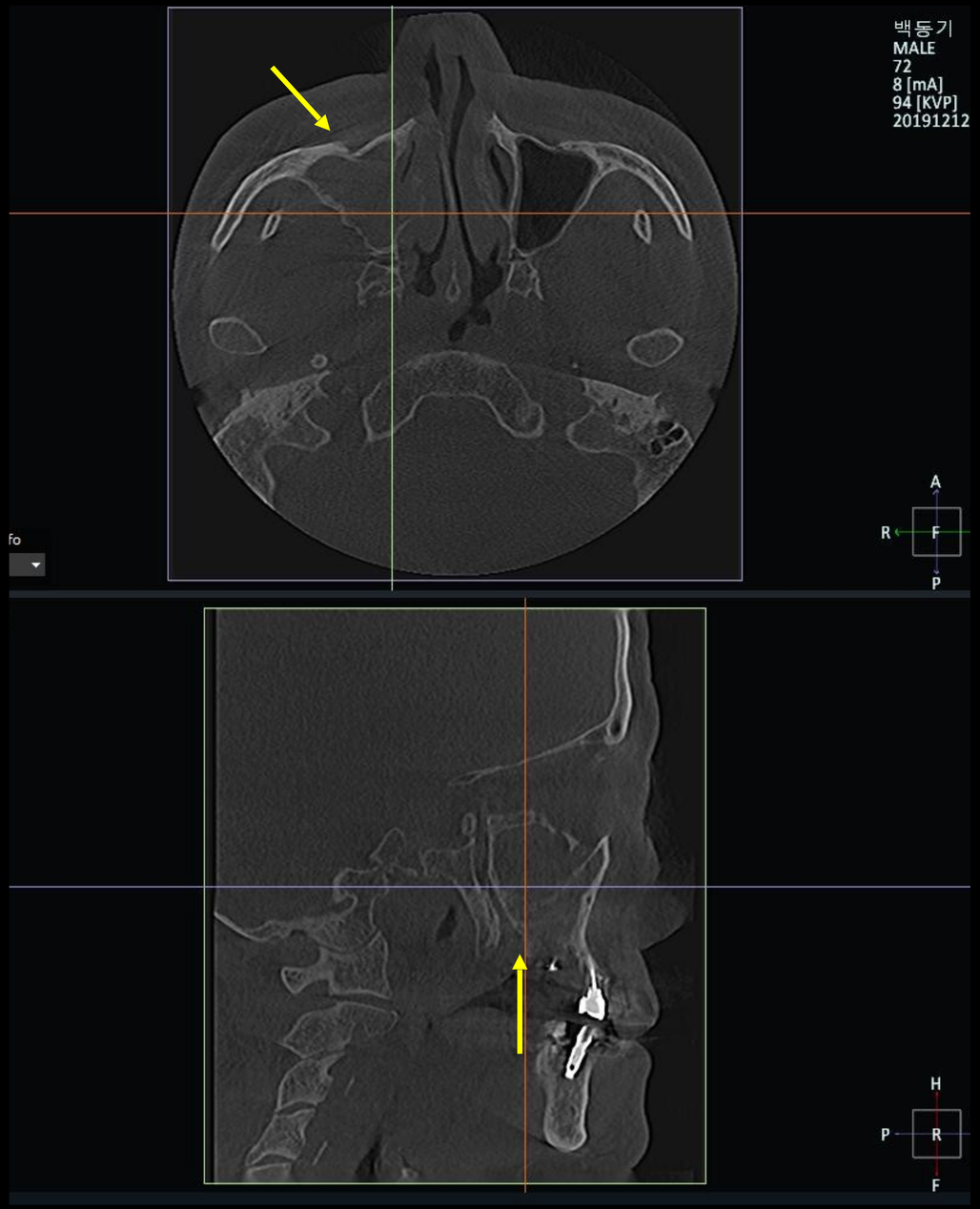
Pre-op (2019-11-28)



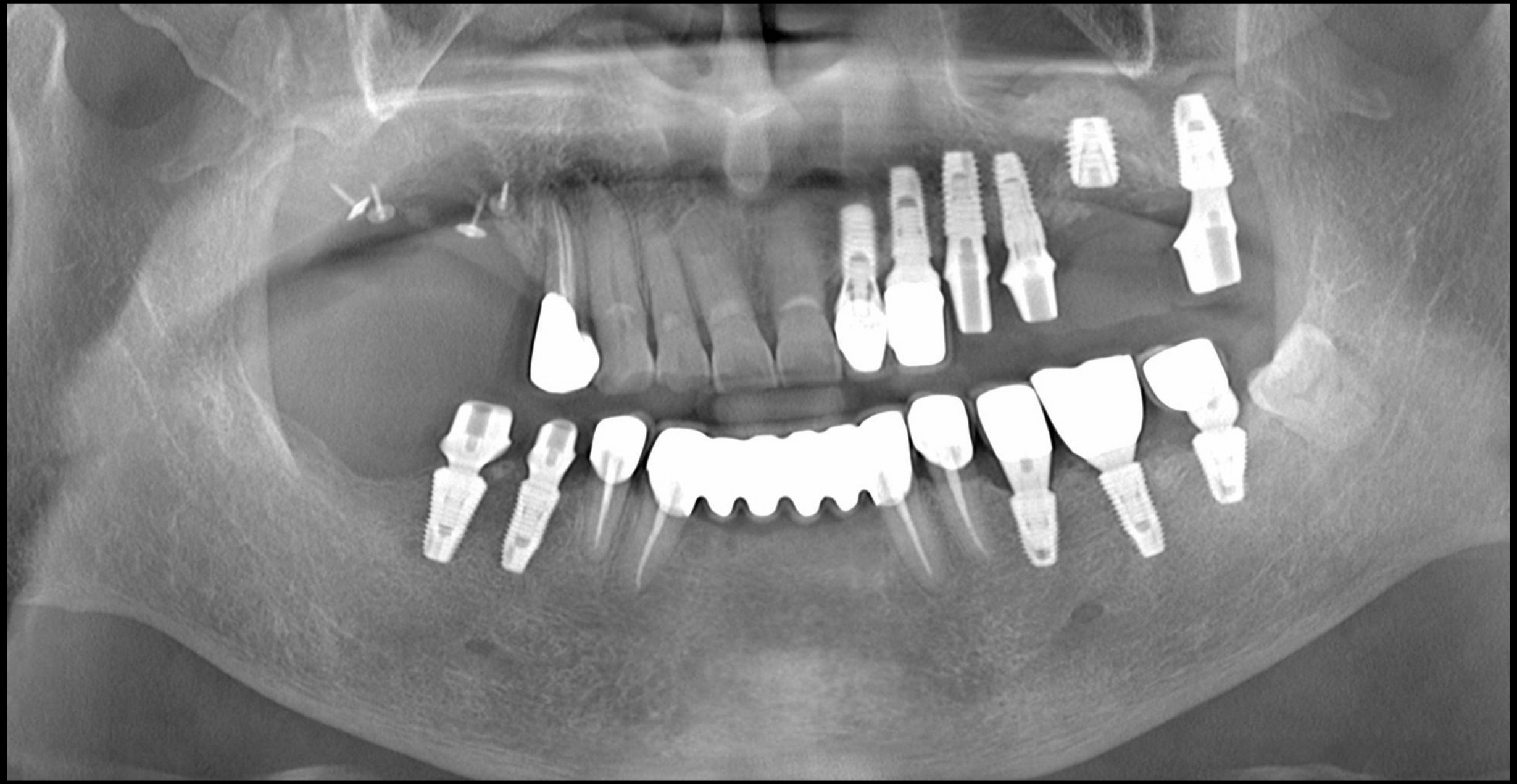
Pre-op_Sinusitis (2019-11-28)



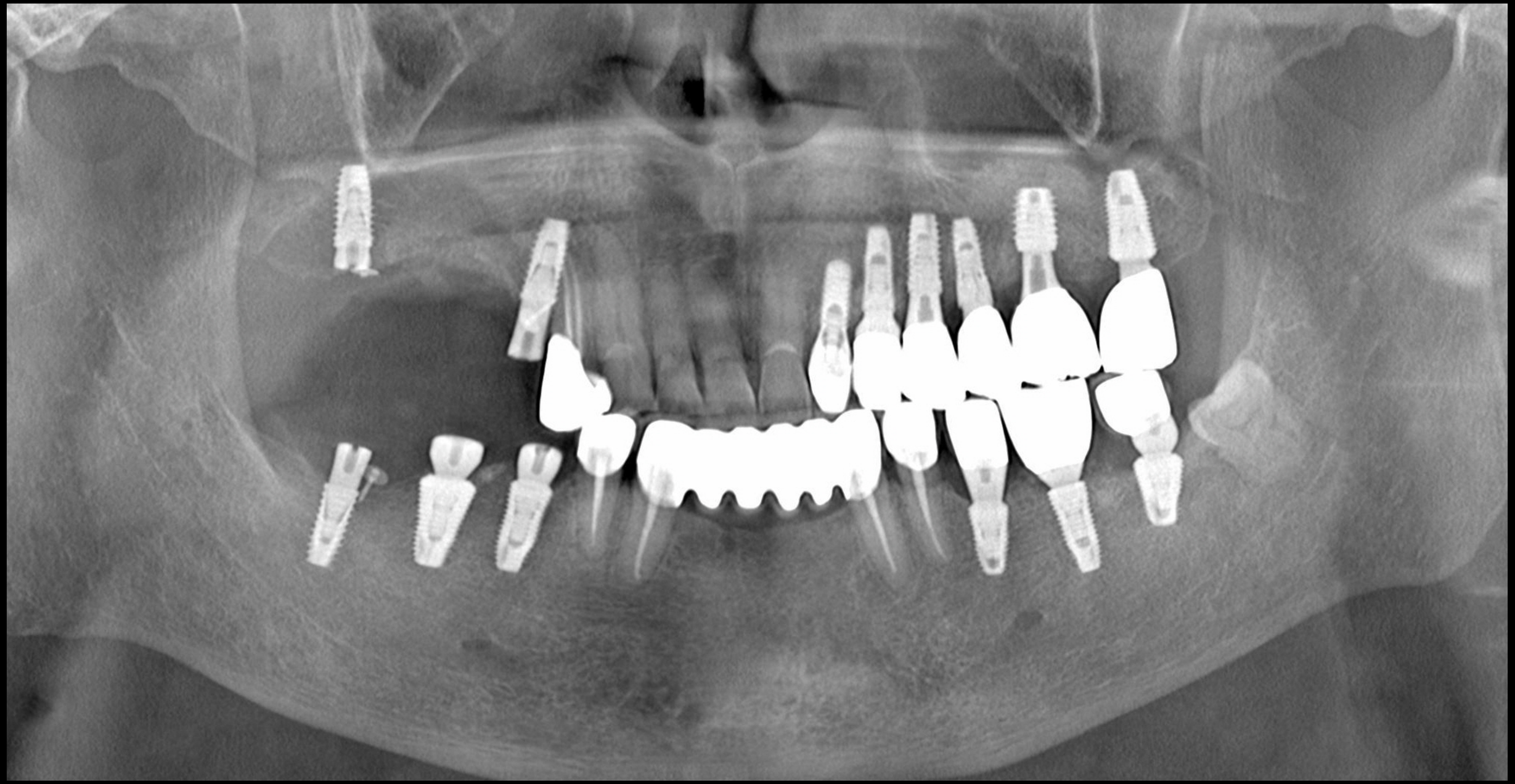
Post-op_Sinusitis treatment (2019-12-12)



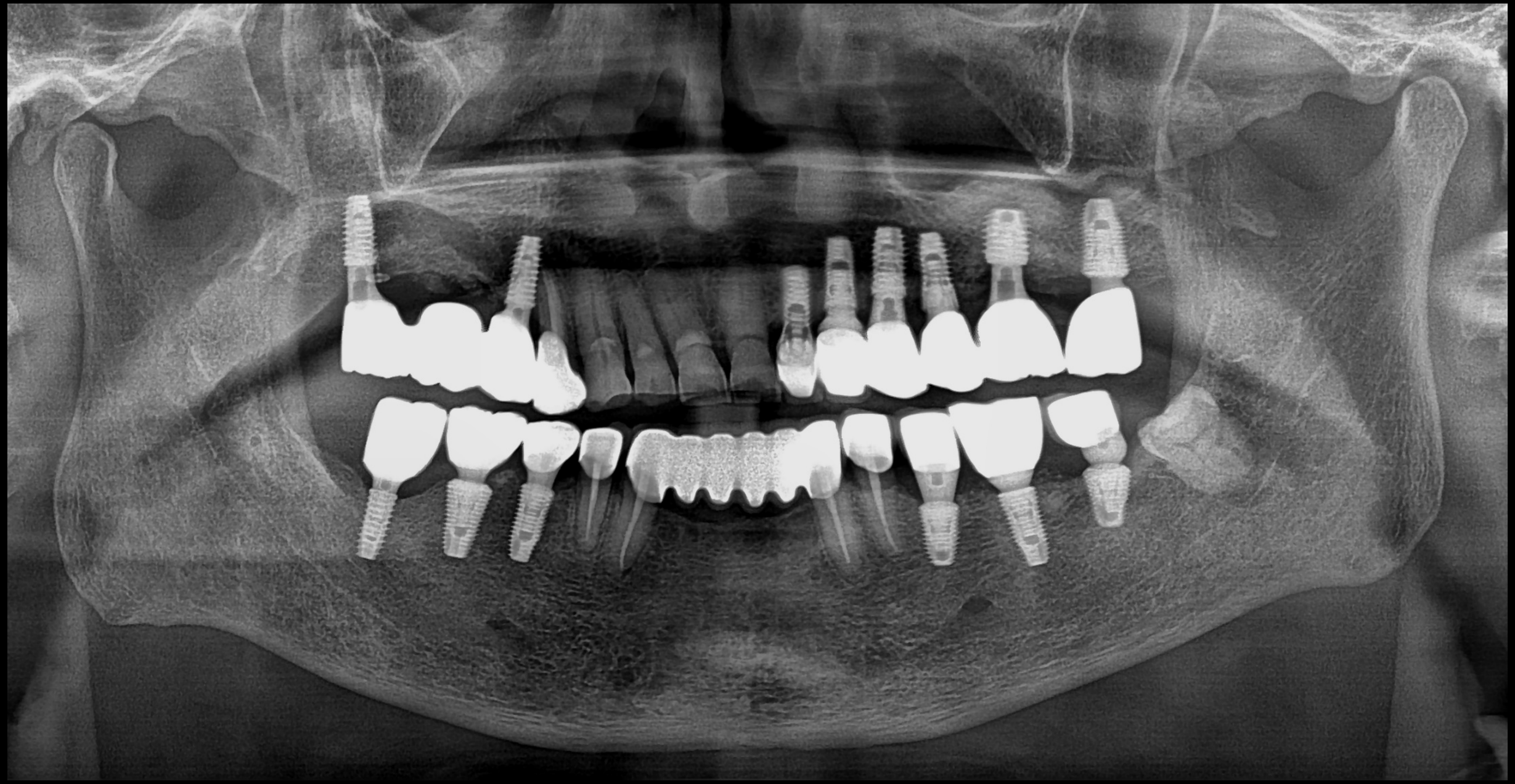
Post-op (2020-08-27)



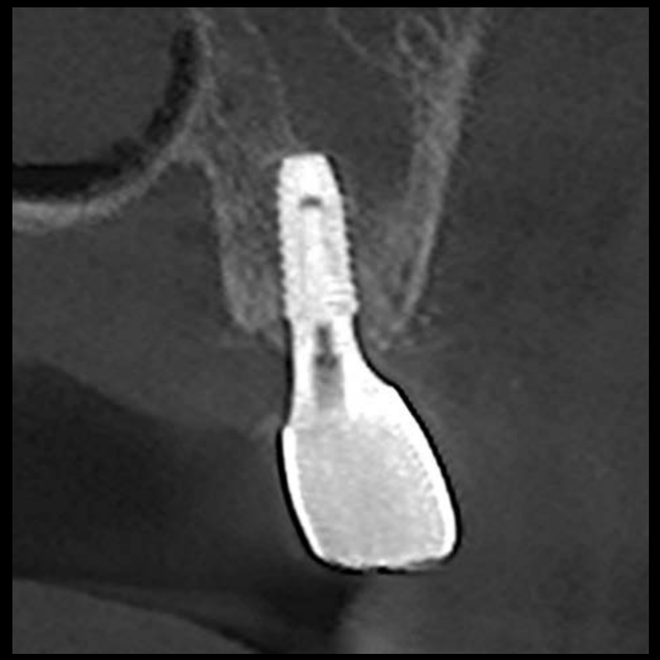
Implantation (2021-02-25)



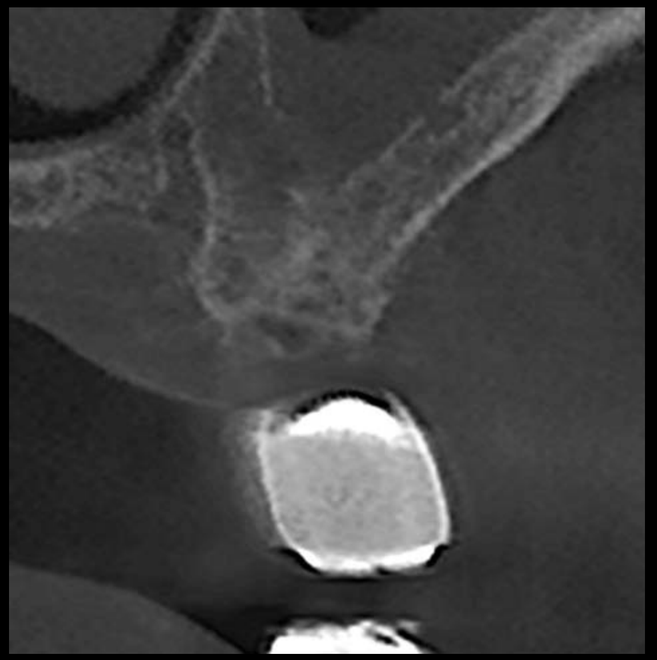
Final prosthesis (2022-01-27)



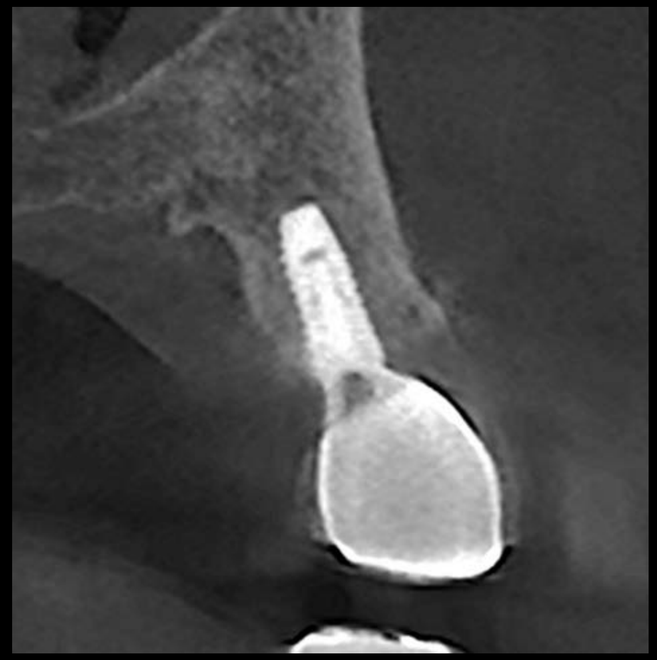
Follow up CT : 1 year 5 months (2023-06-01)



#17



#16 Sinus area

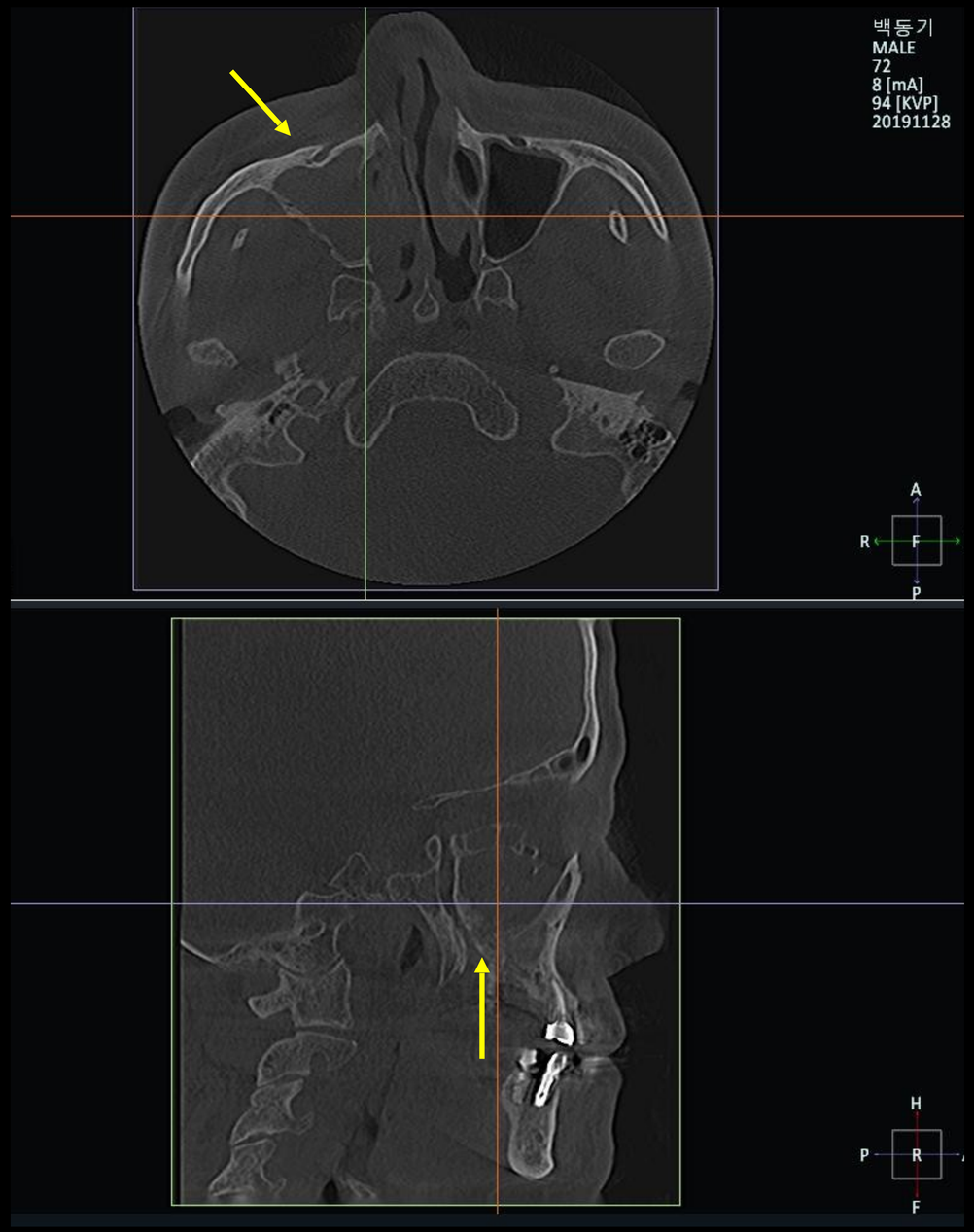


#15

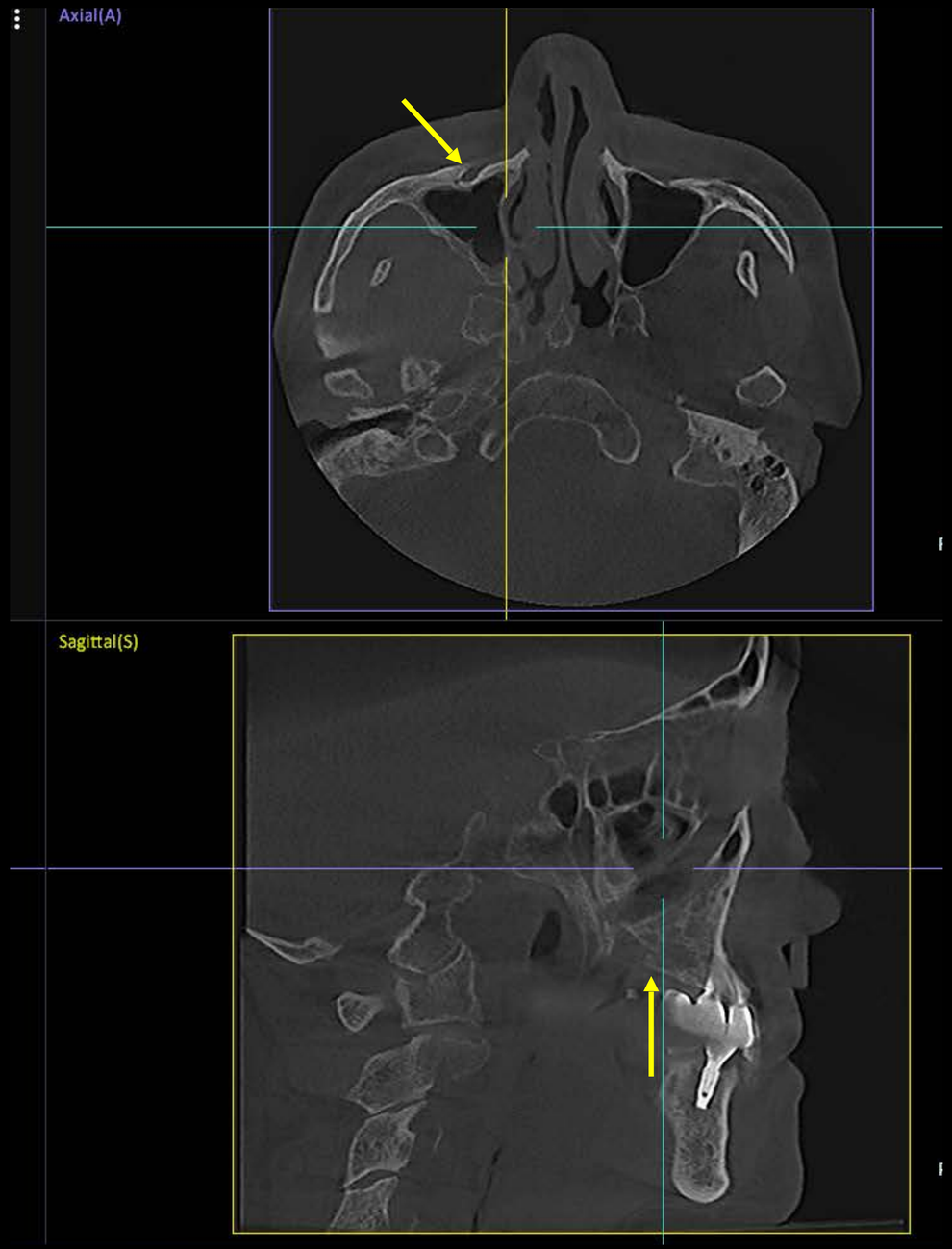
Follow up 1 year 6 months (2023-06-29)



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

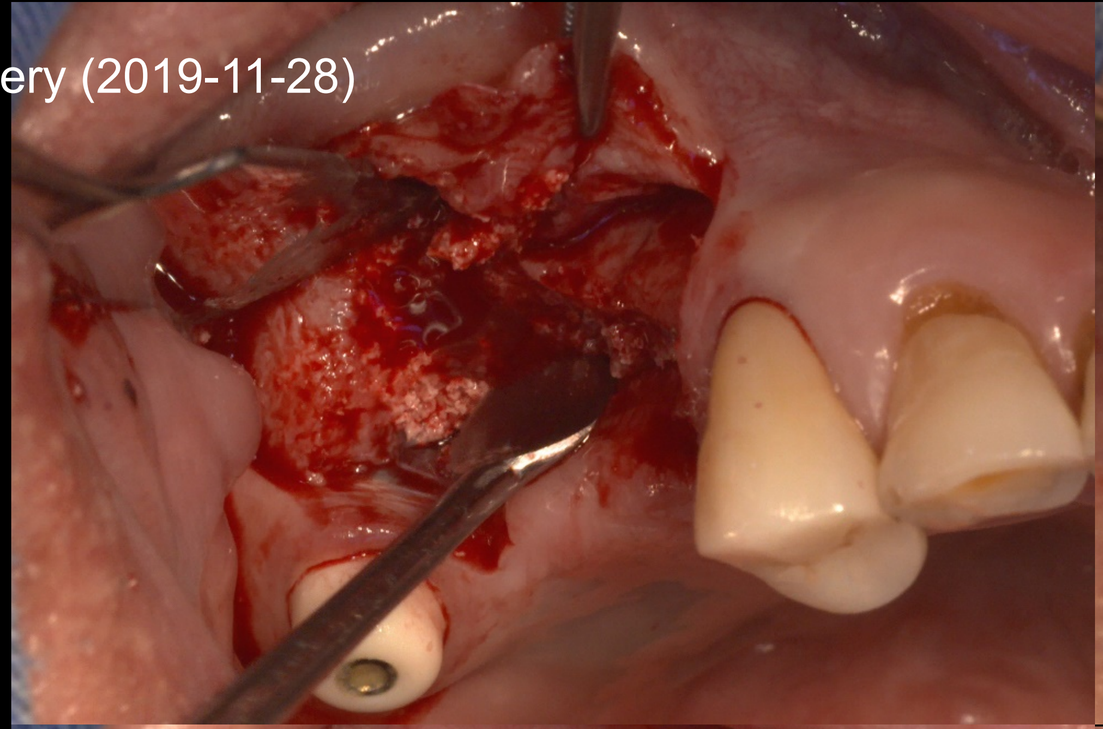


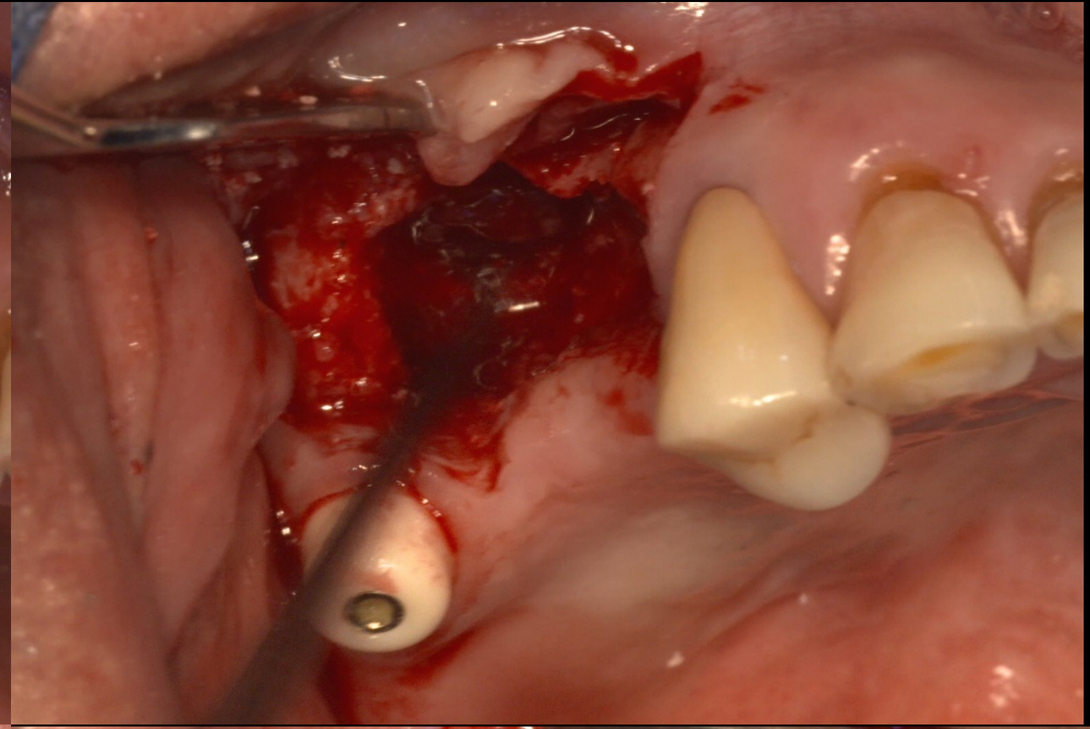
#16 Sinus area

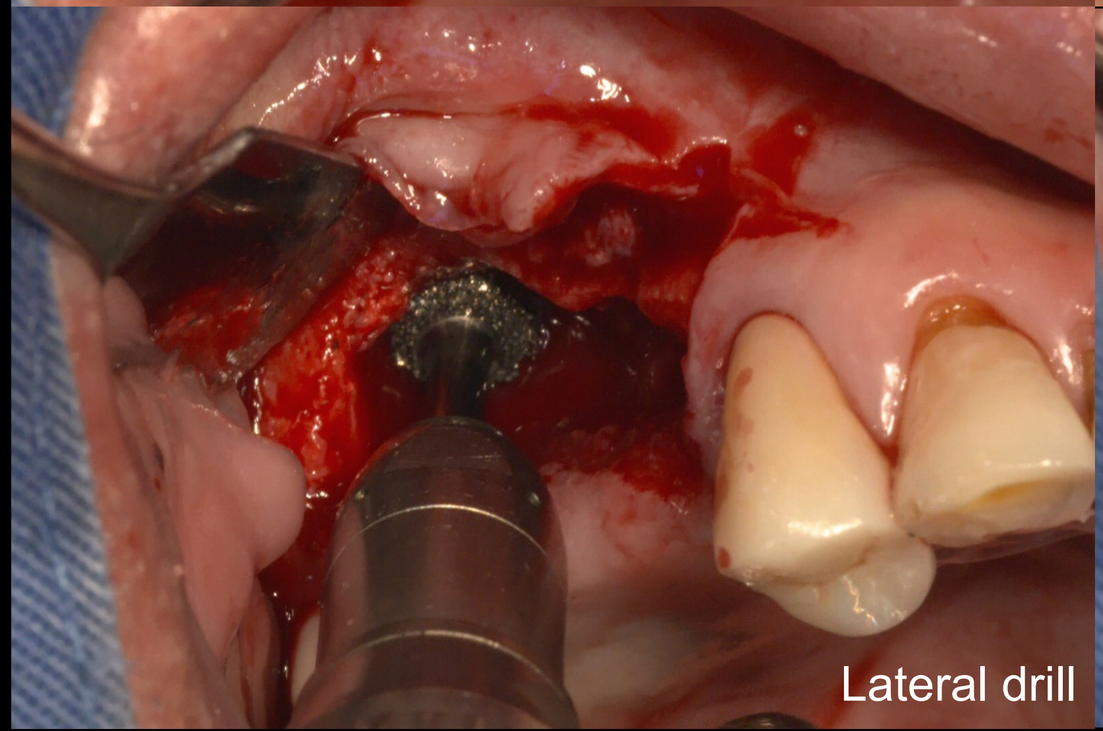


#15

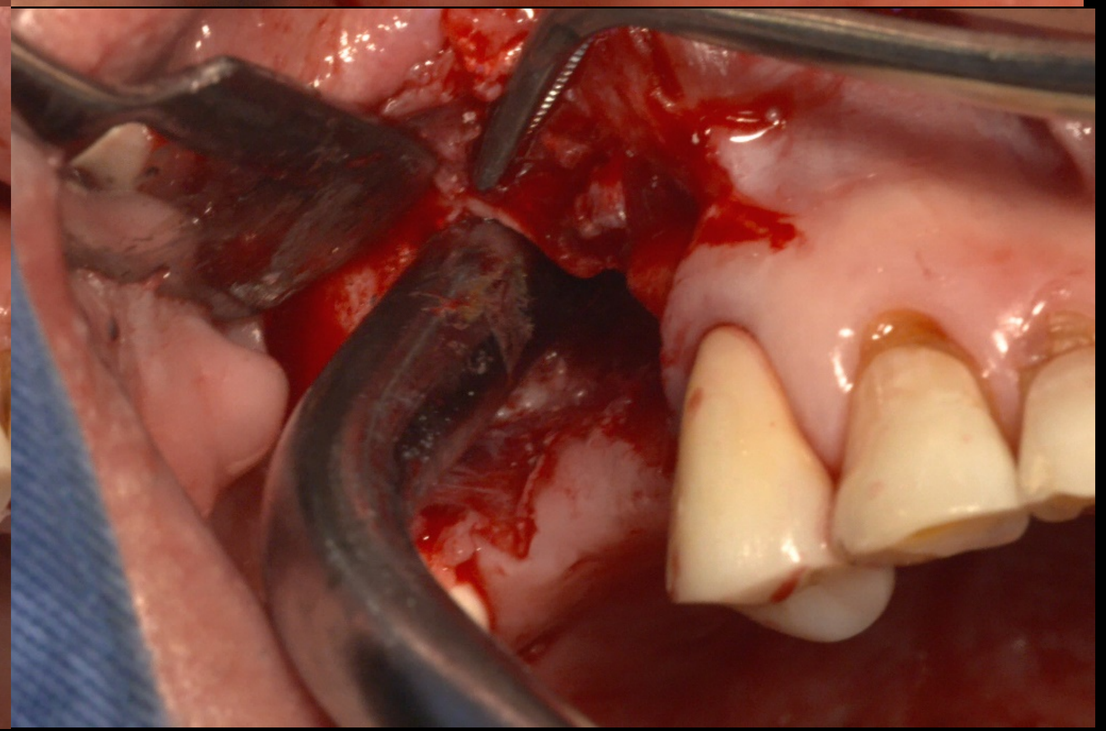
Surgery (2019-11-28)



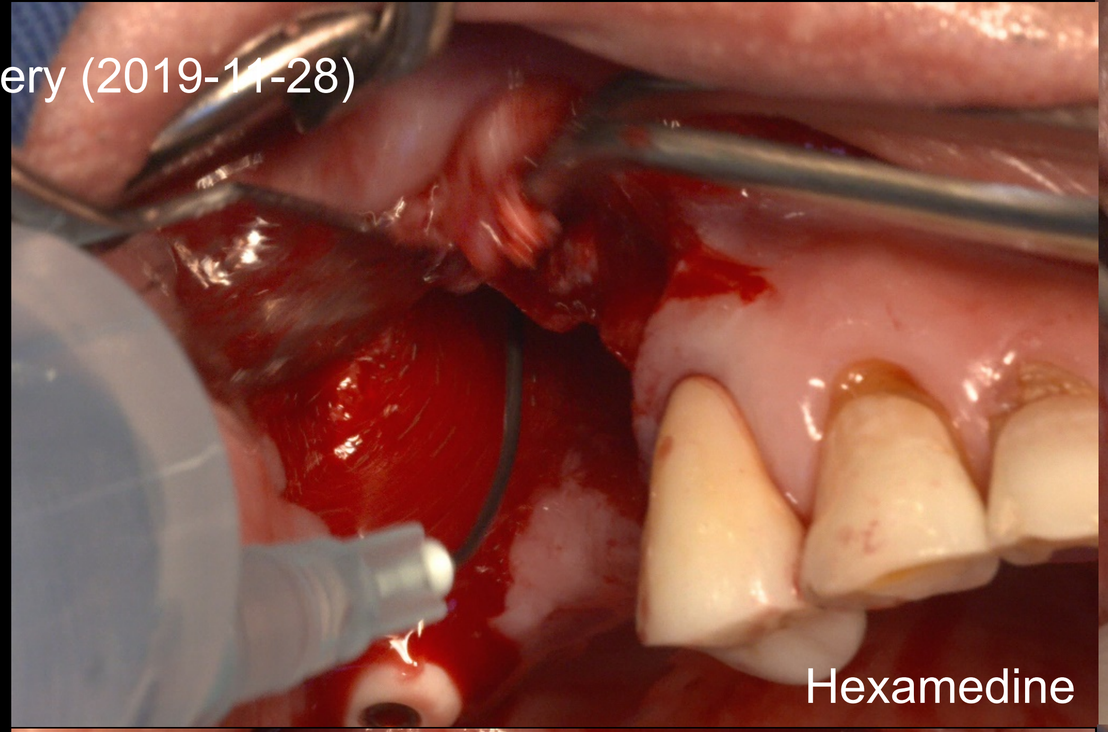




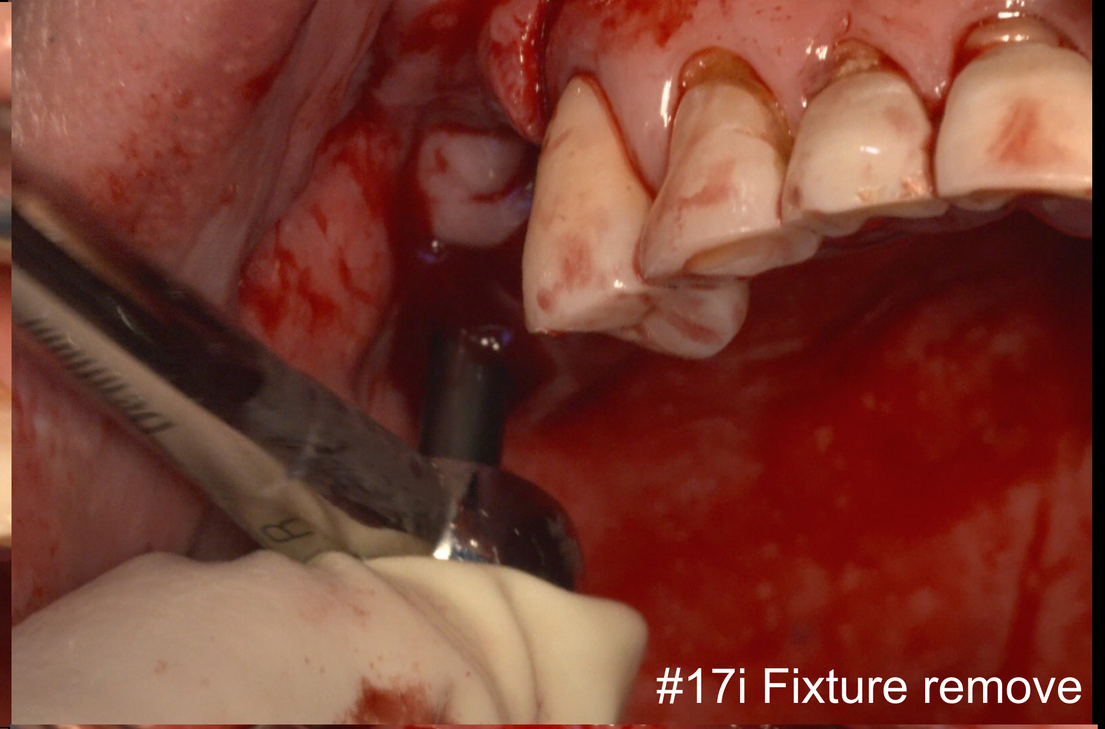
Lateral drill



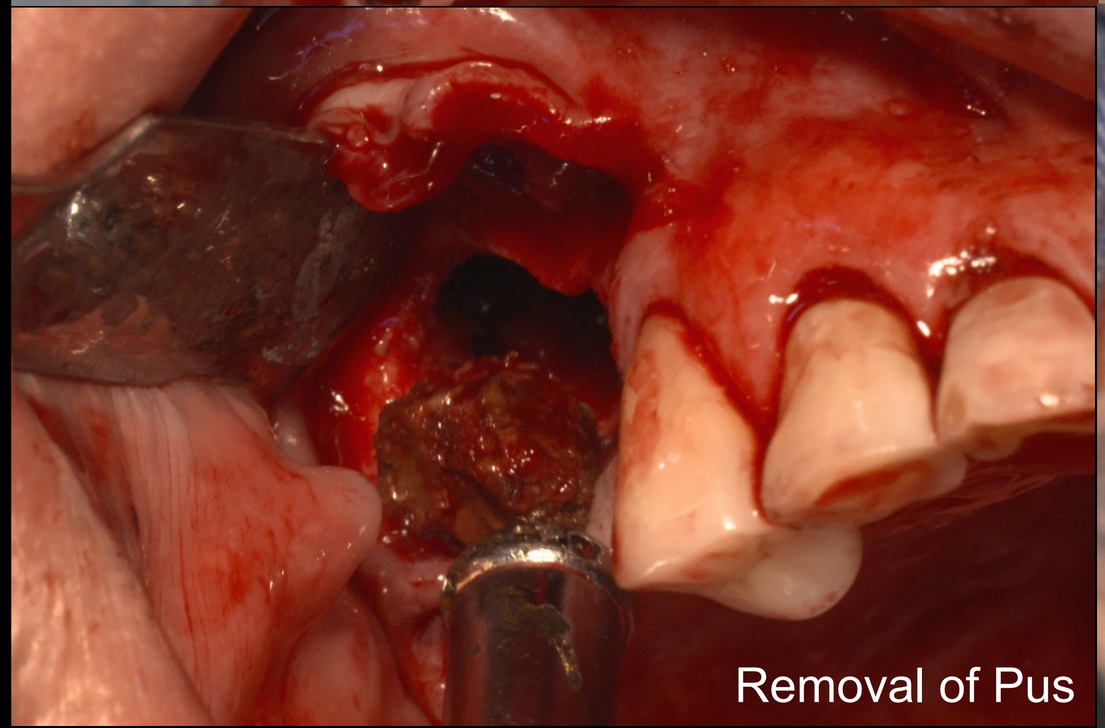
Surgery (2019-11-28)



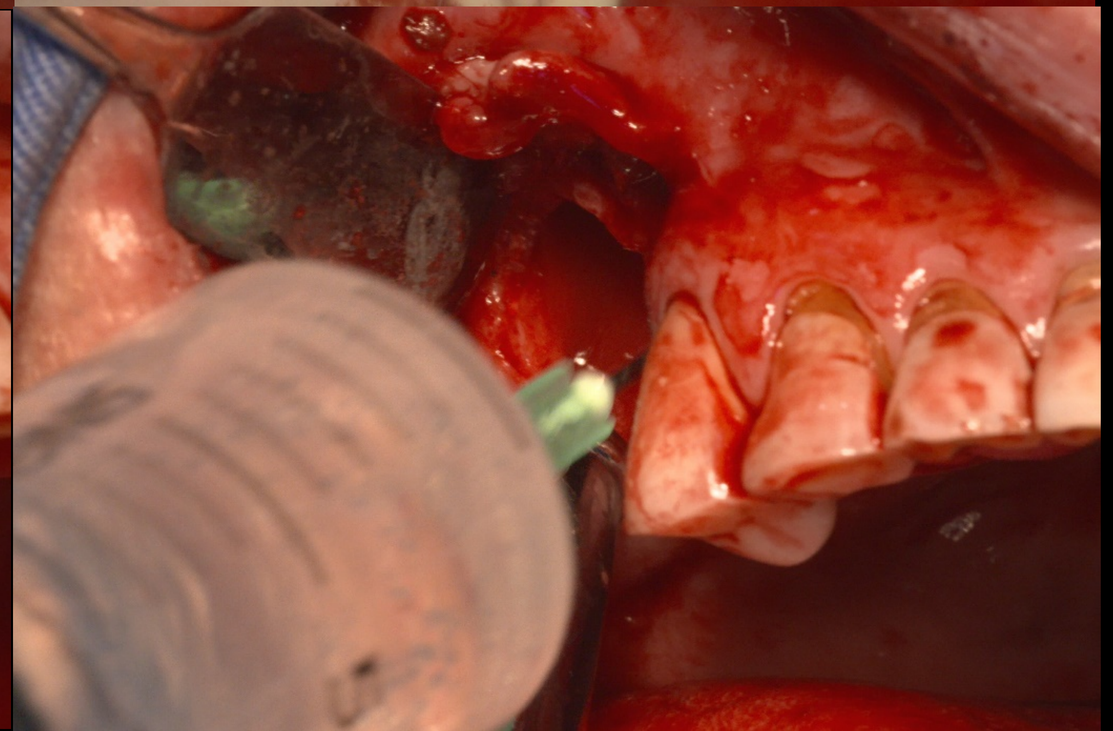
Hexamedine



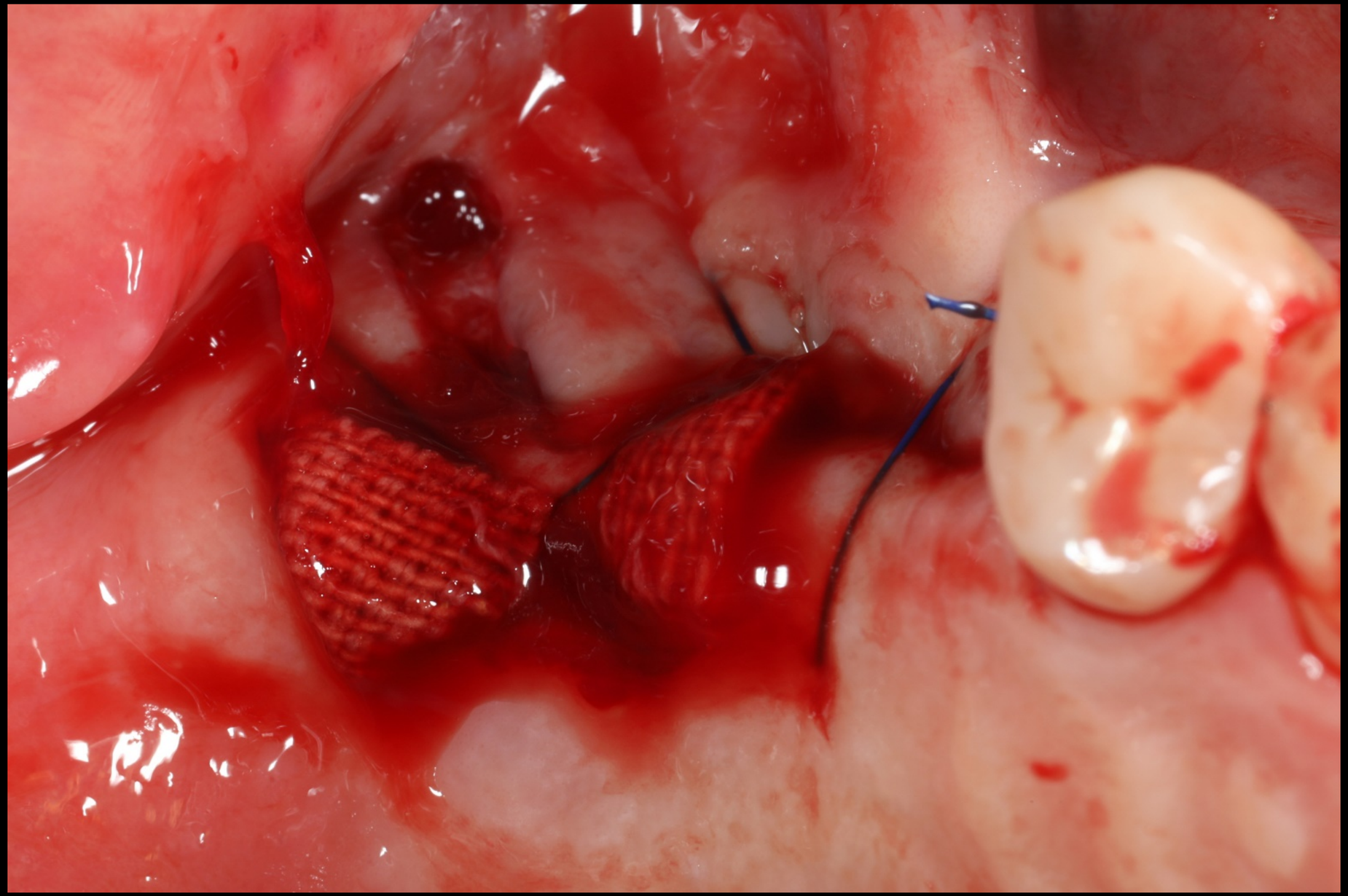
#17i Fixture remove



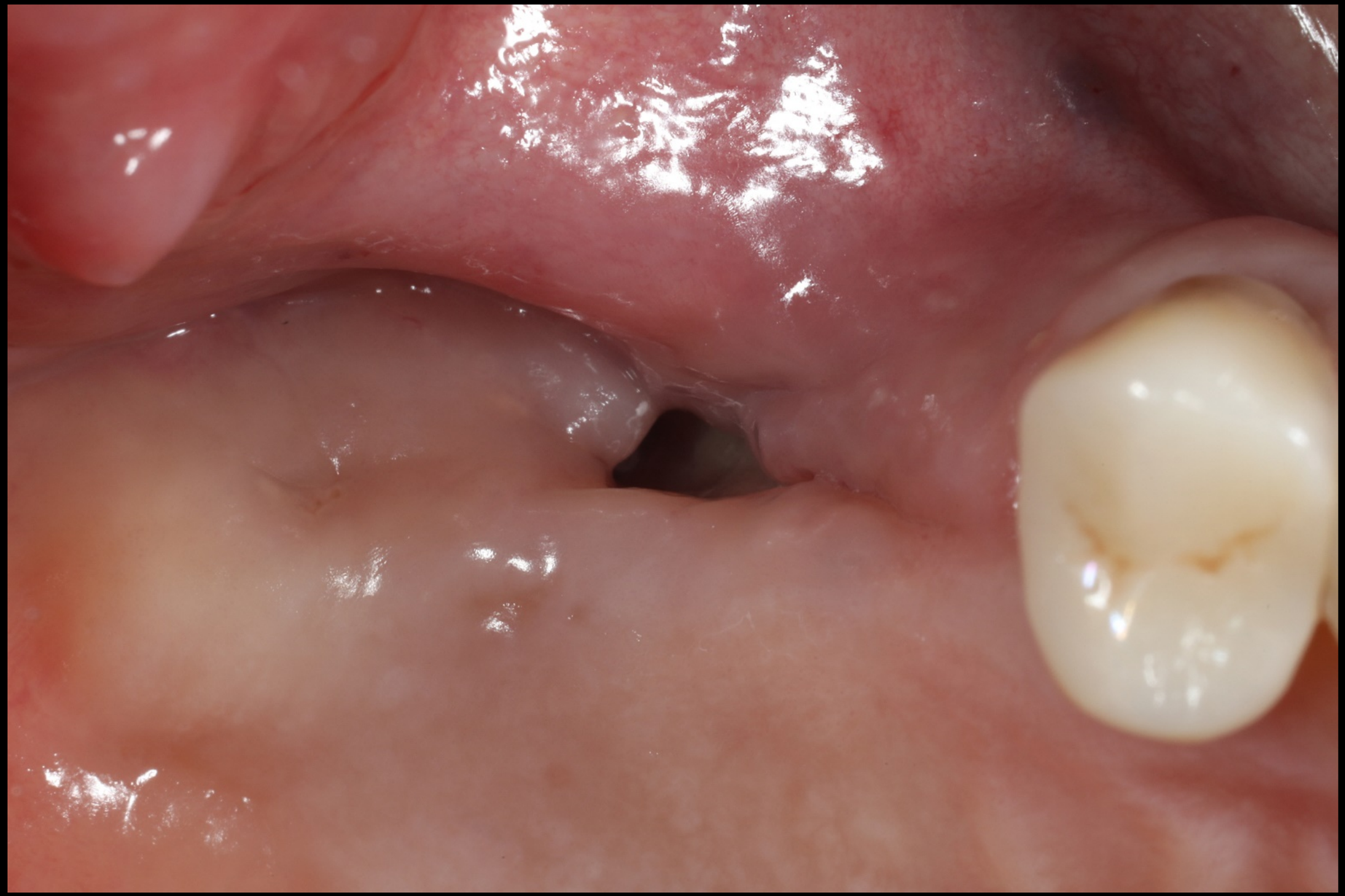
Removal of Pus



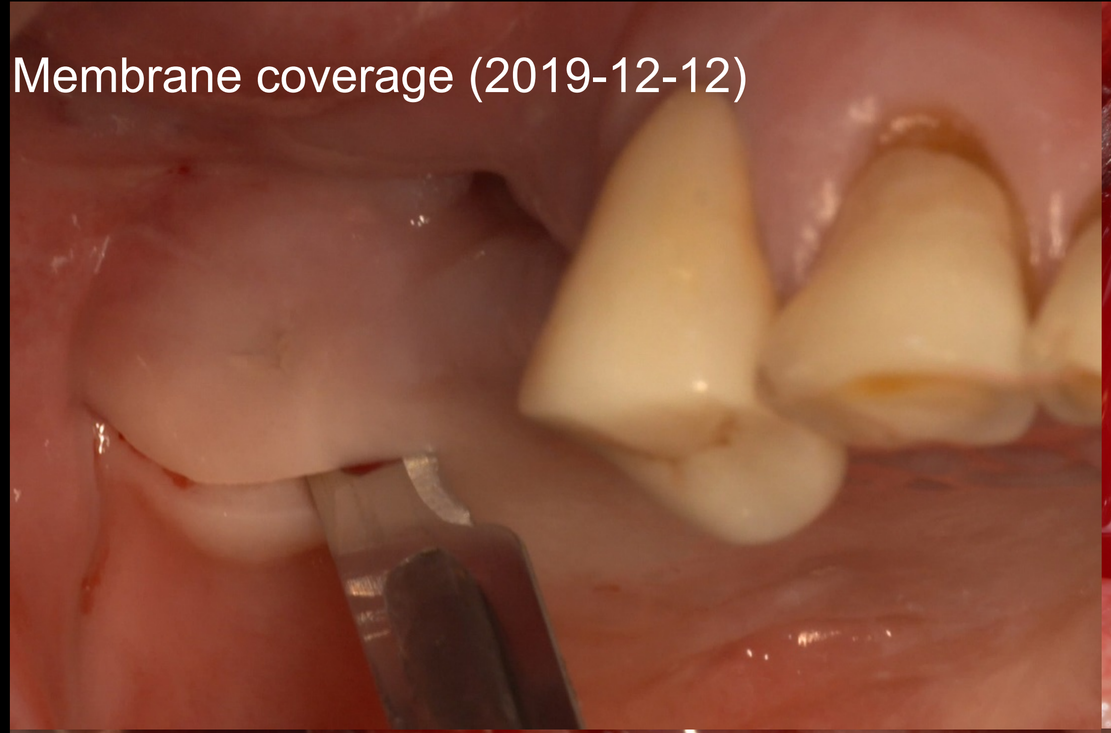
Post-op (2019-11-28)

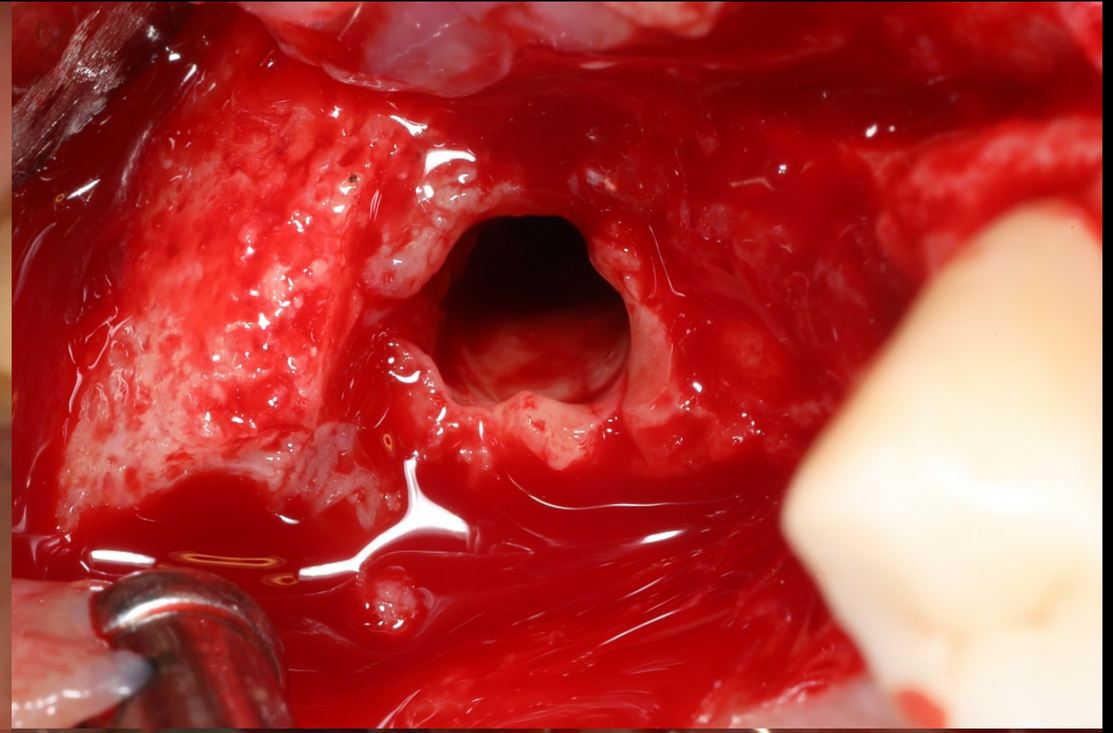


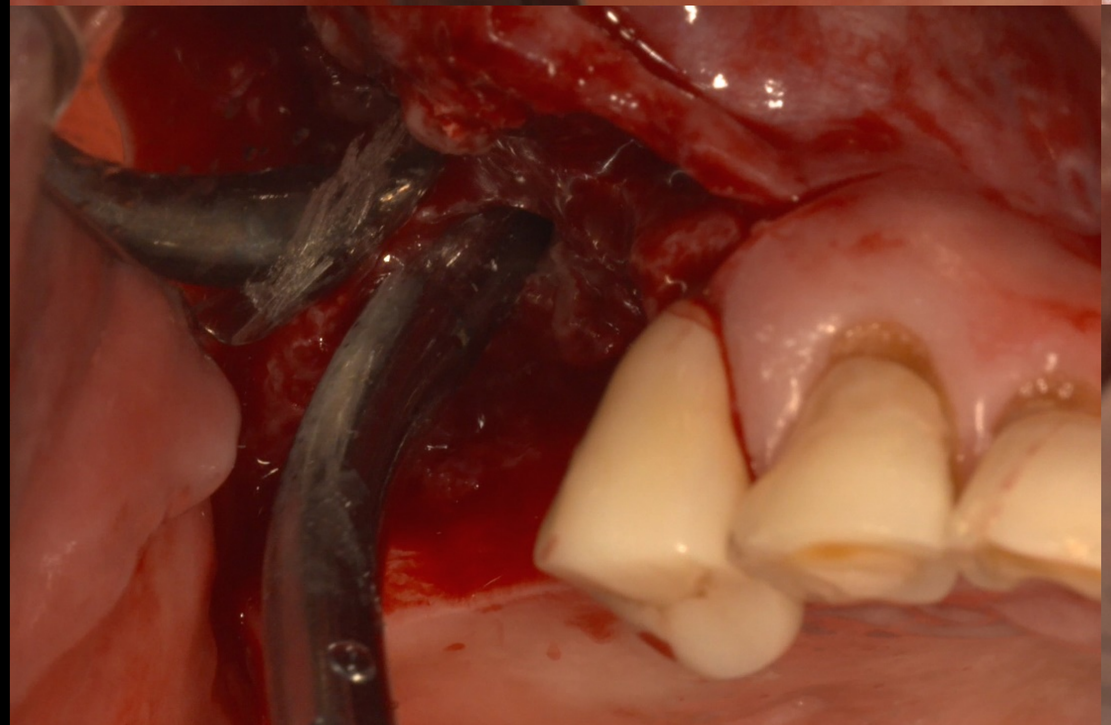
Healing : 2 weeks (After Sinusitis treatment) (2019-12-12)

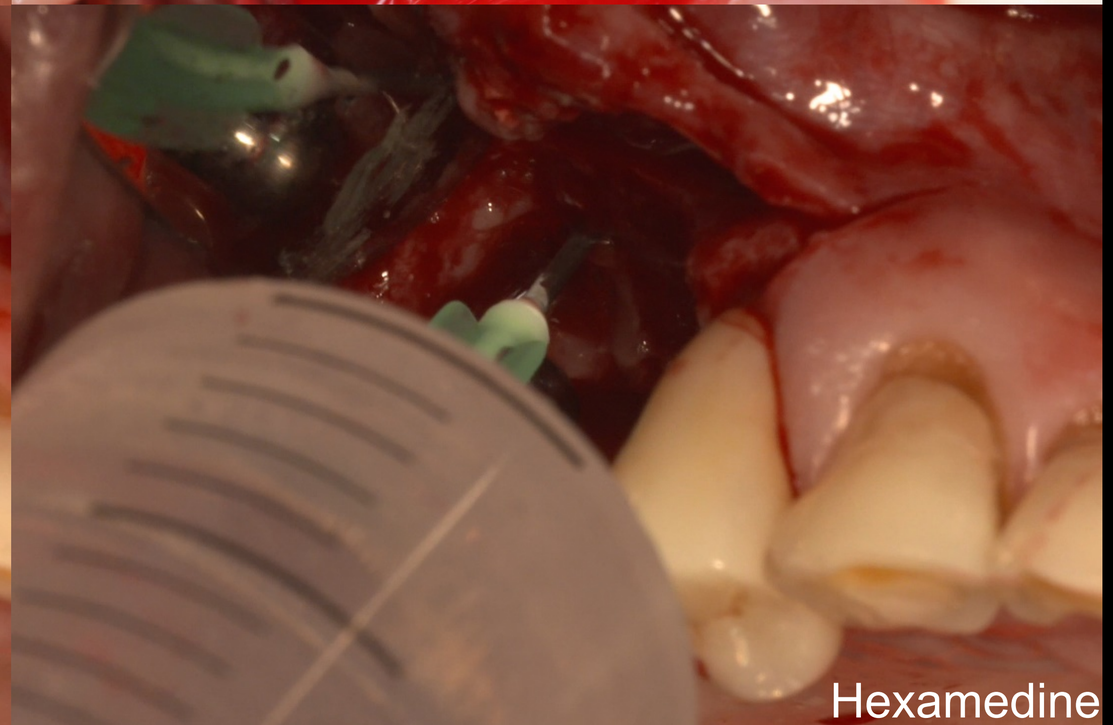


Sinus Membrane coverage (2019-12-12)



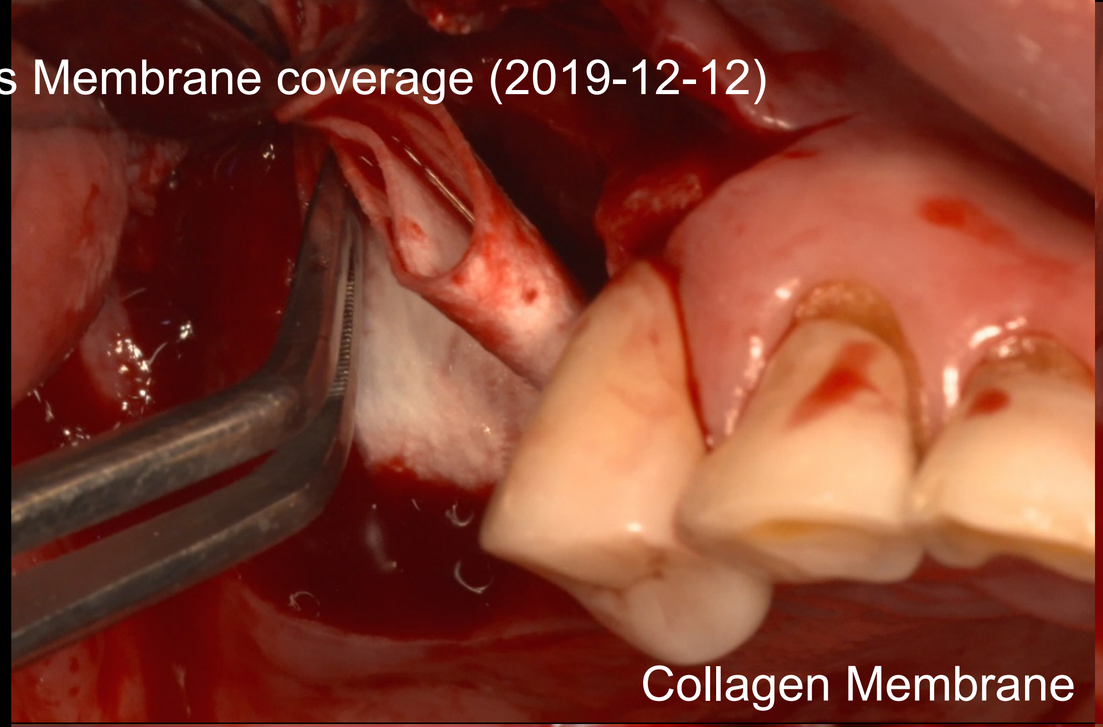


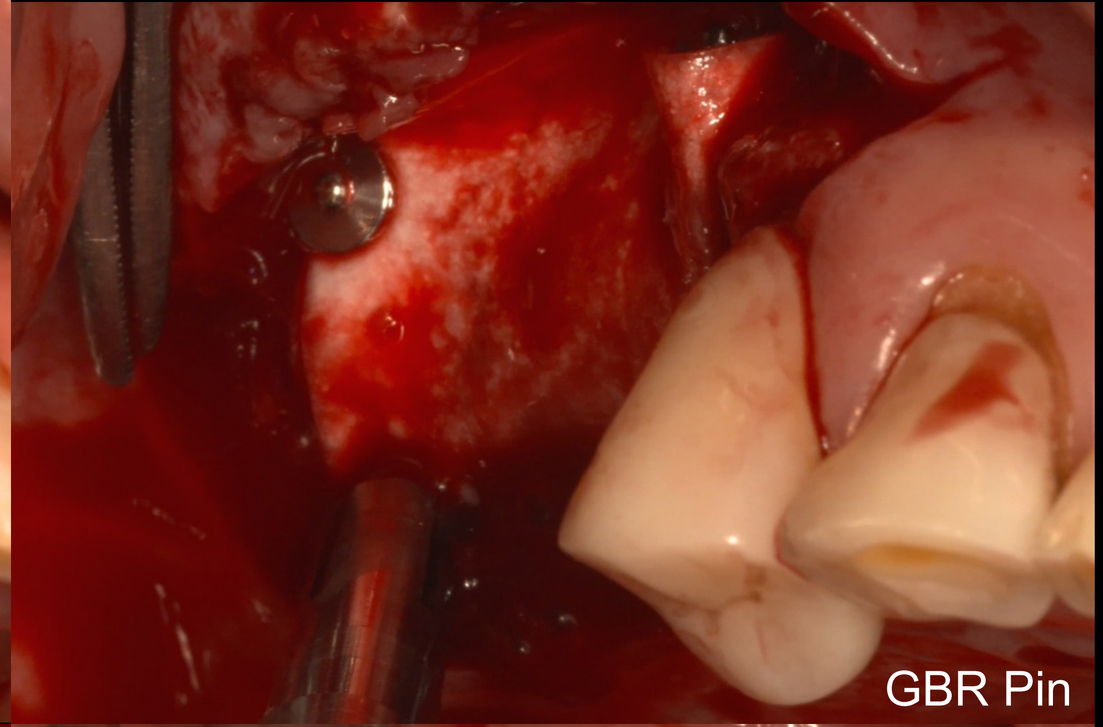


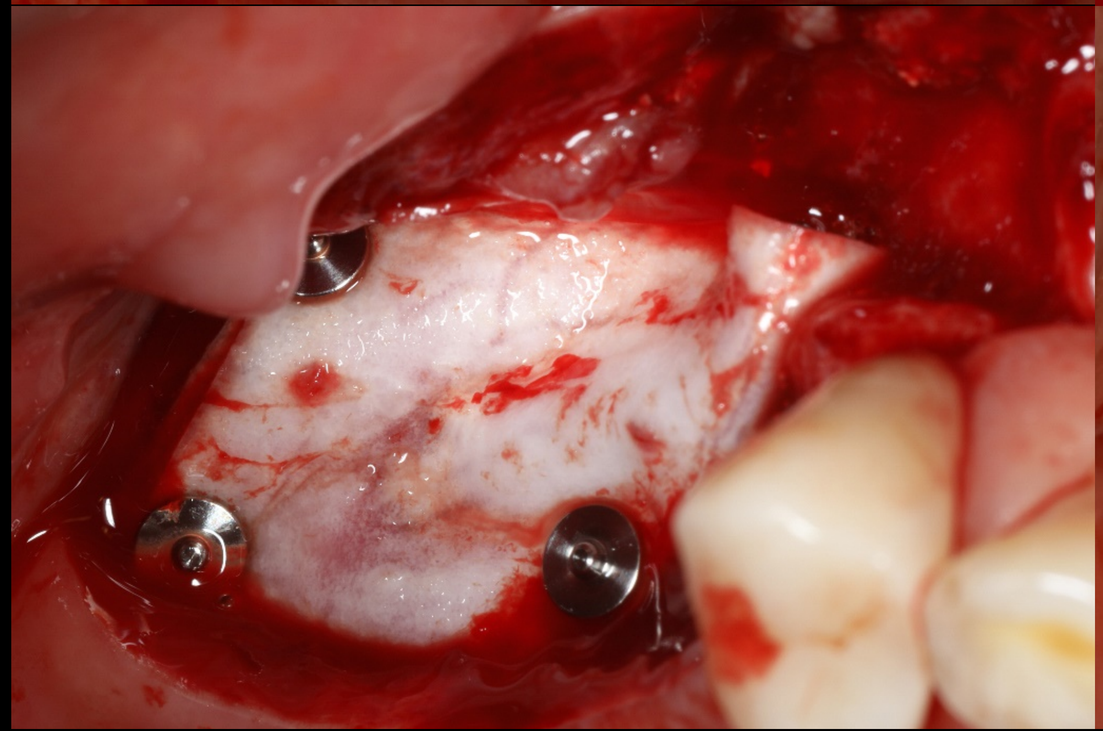


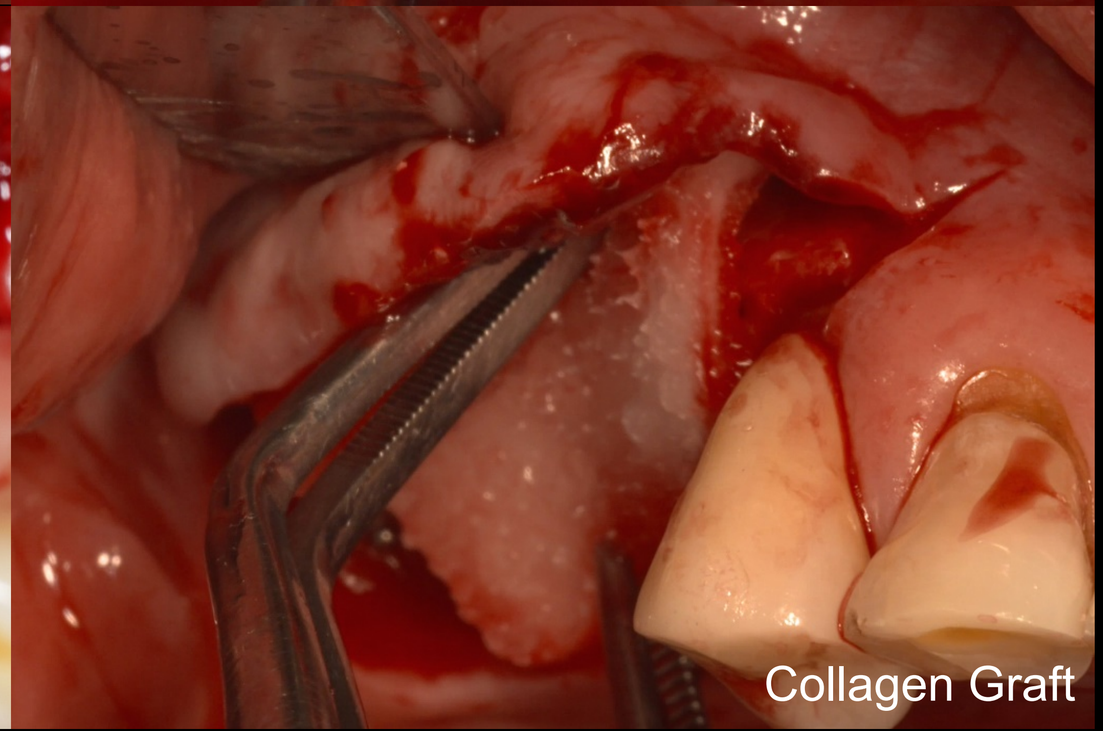
Hexamedine

Sinus Membrane coverage (2019-12-12)

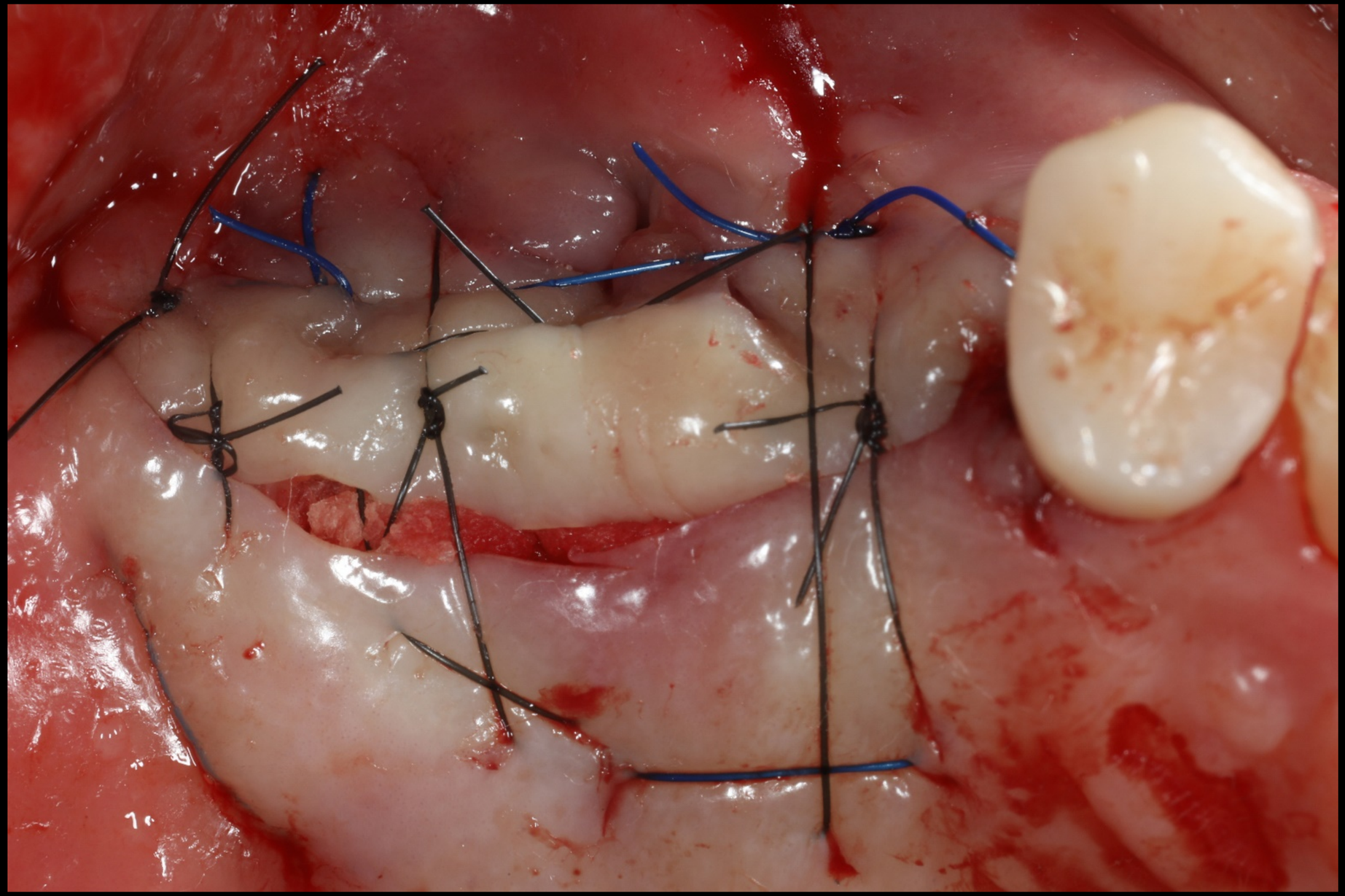




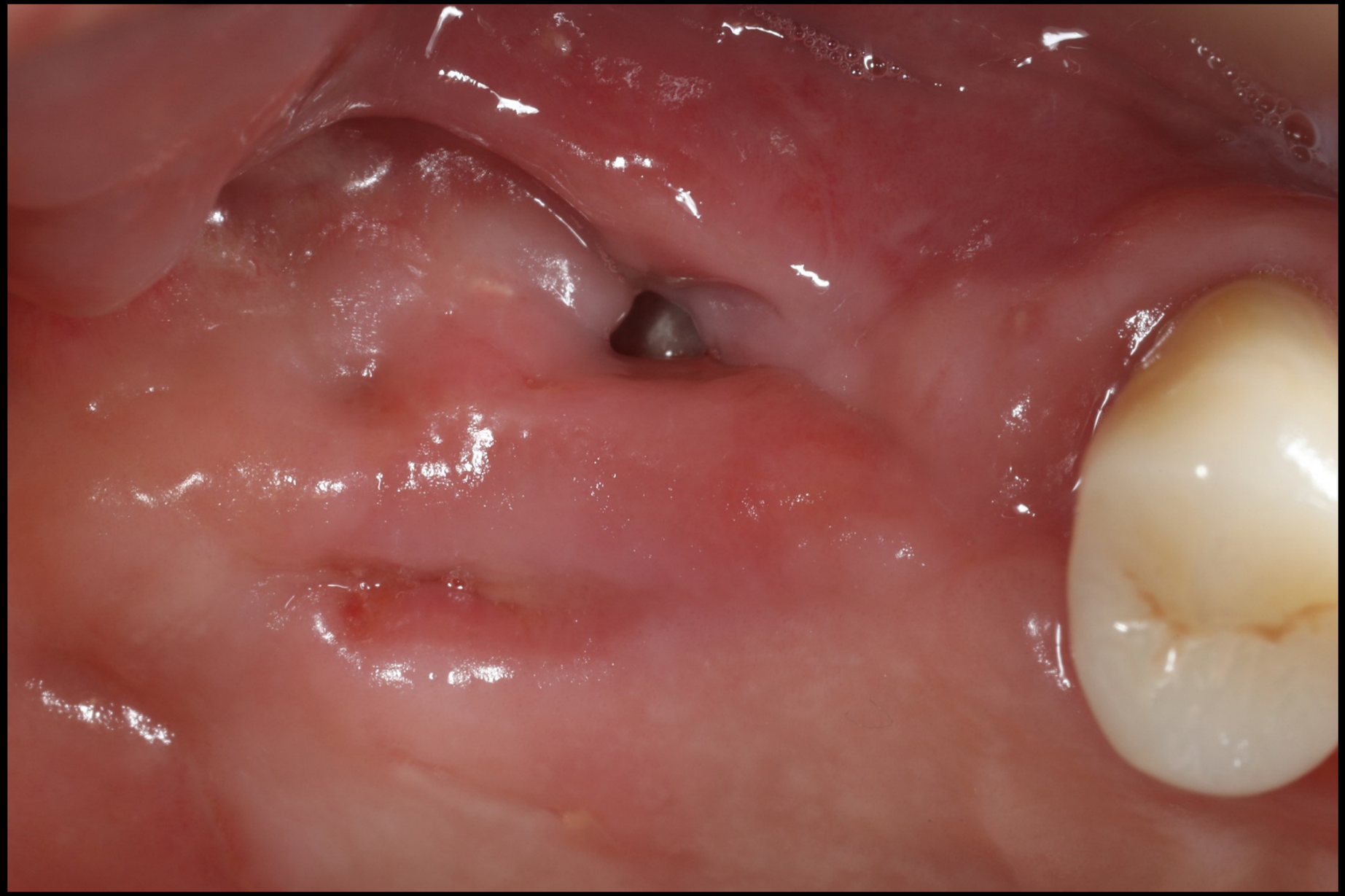




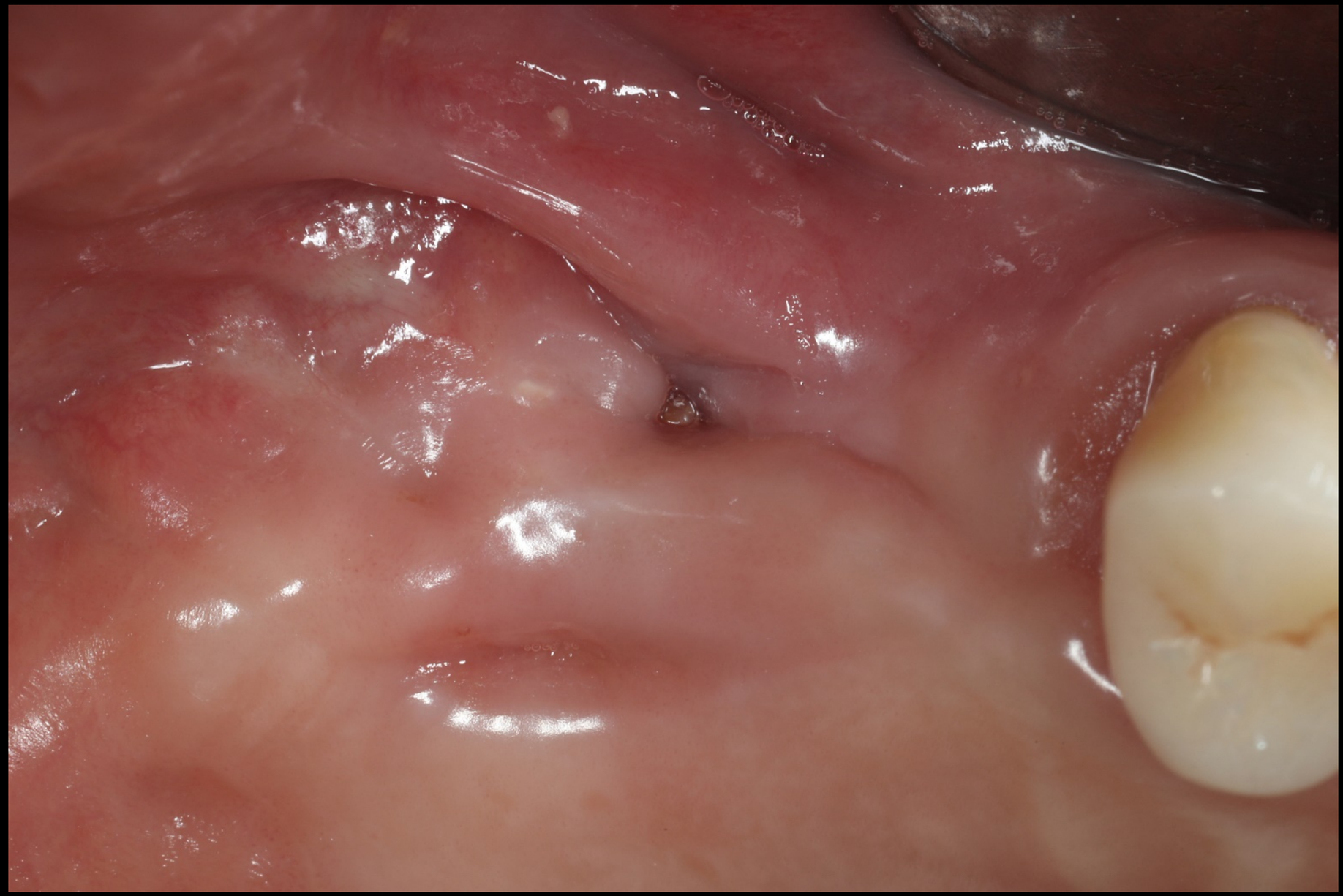
Sinus Membrane coverage (2019-12-12)



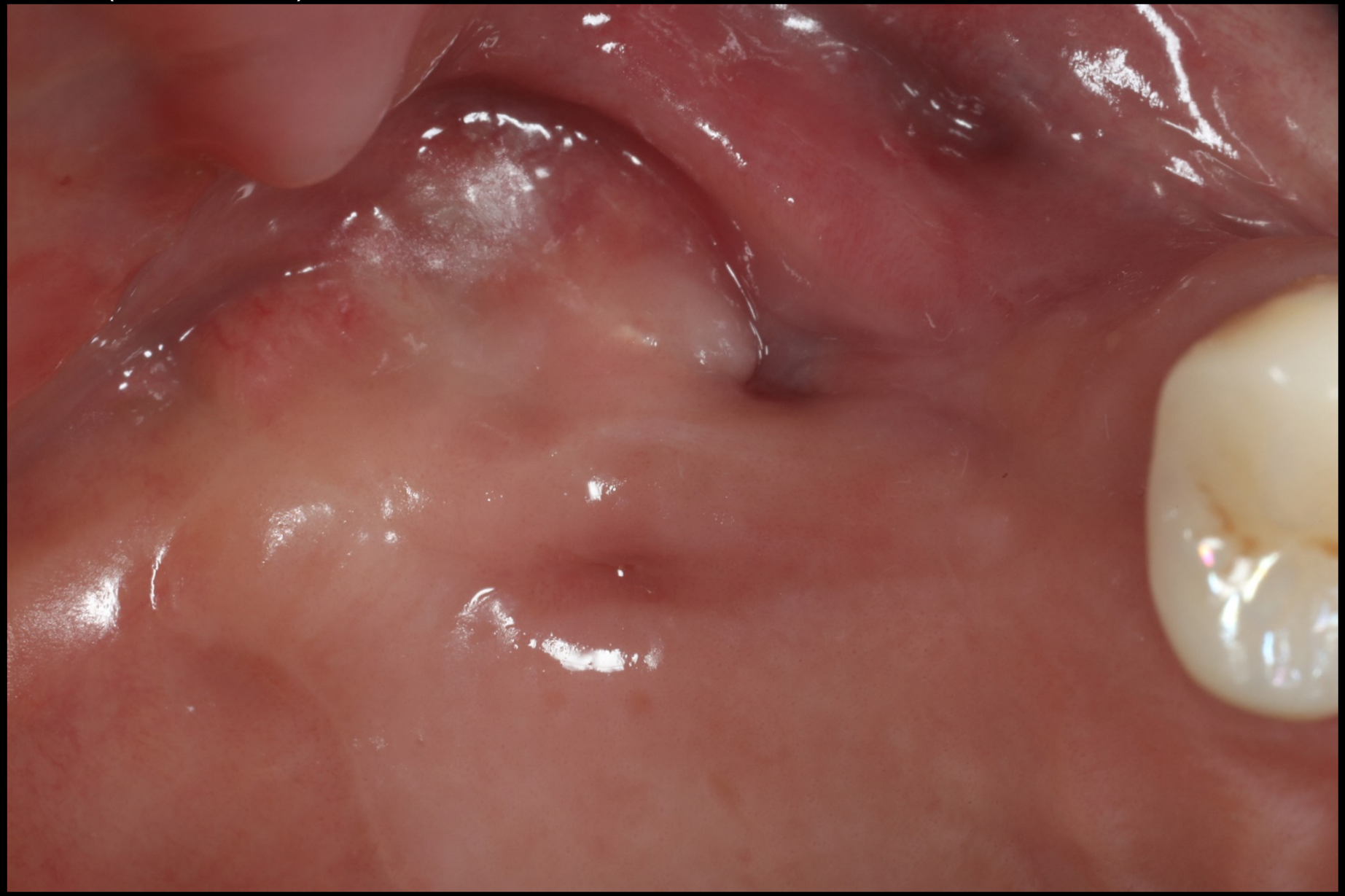
Healing : 3 weeks (2020-01-02)



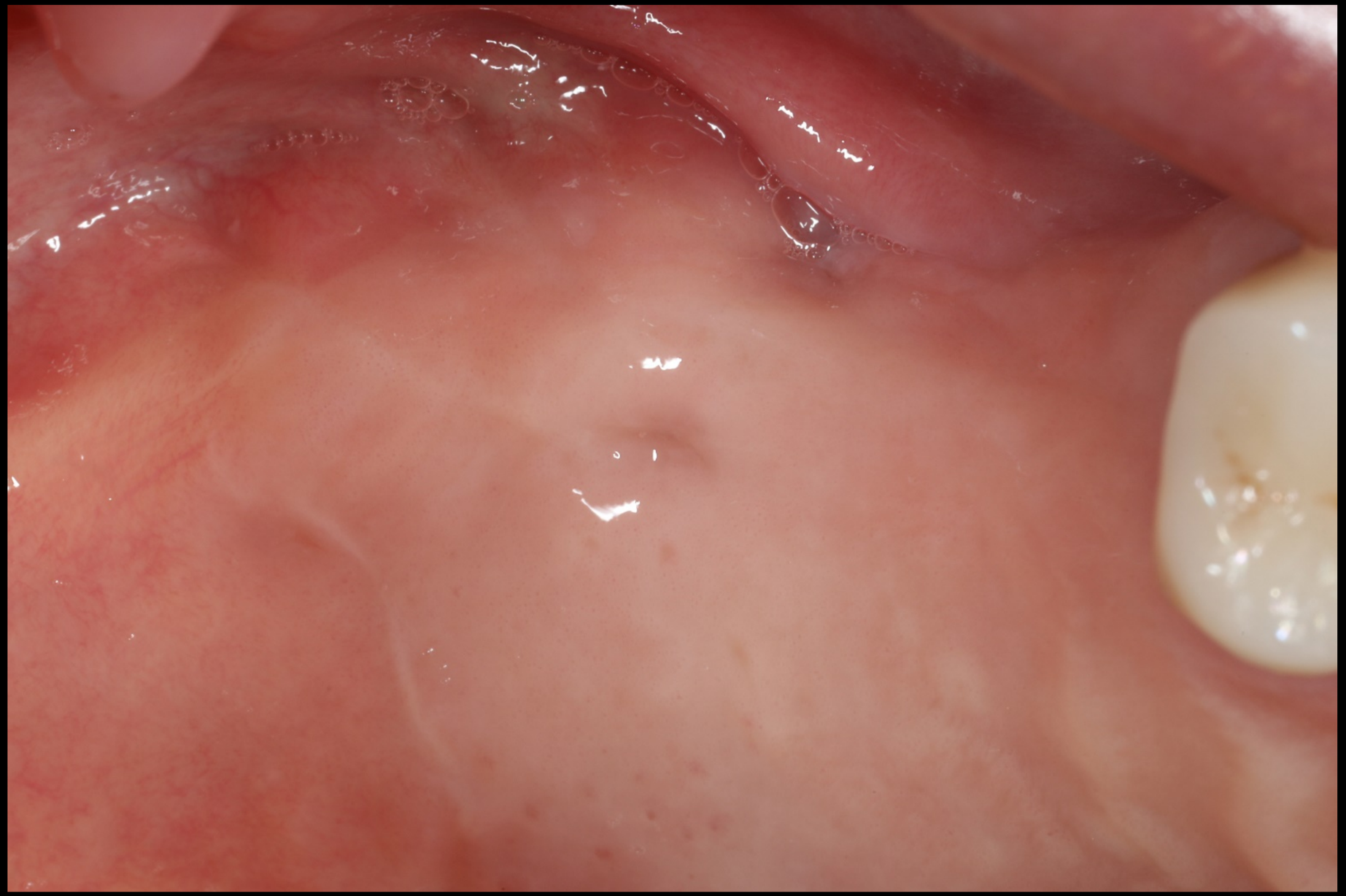
Healing : 1 month (2020-01-16)



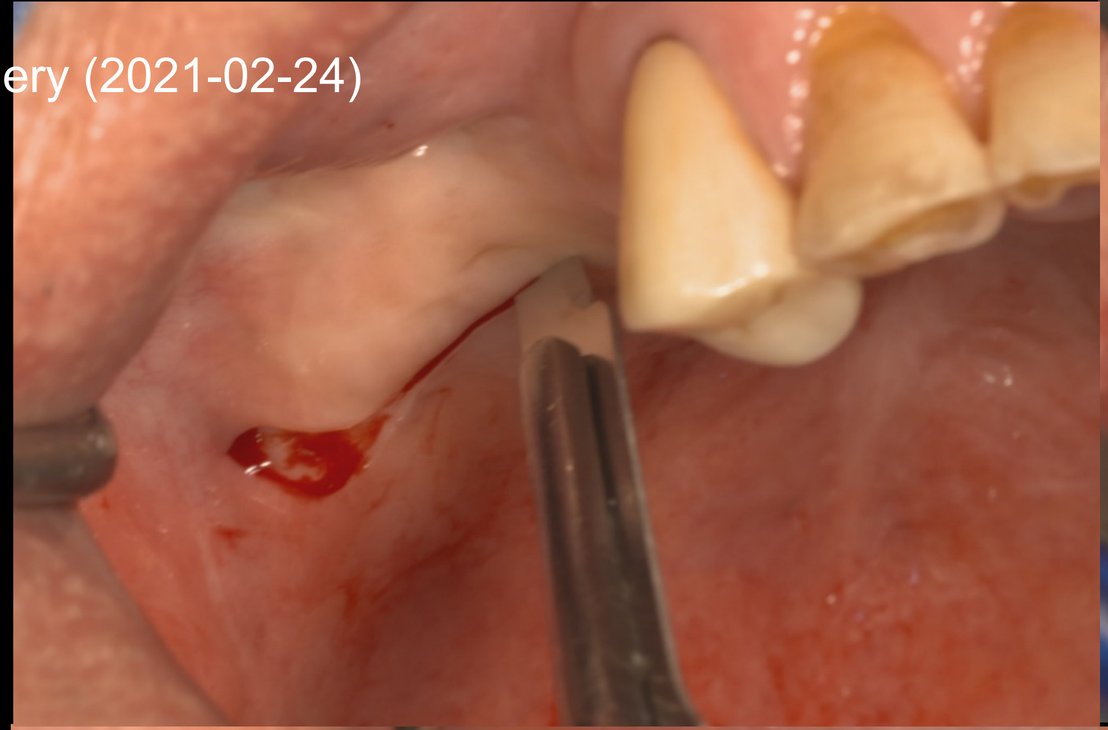
Healing : 2 months (2020-02-10)

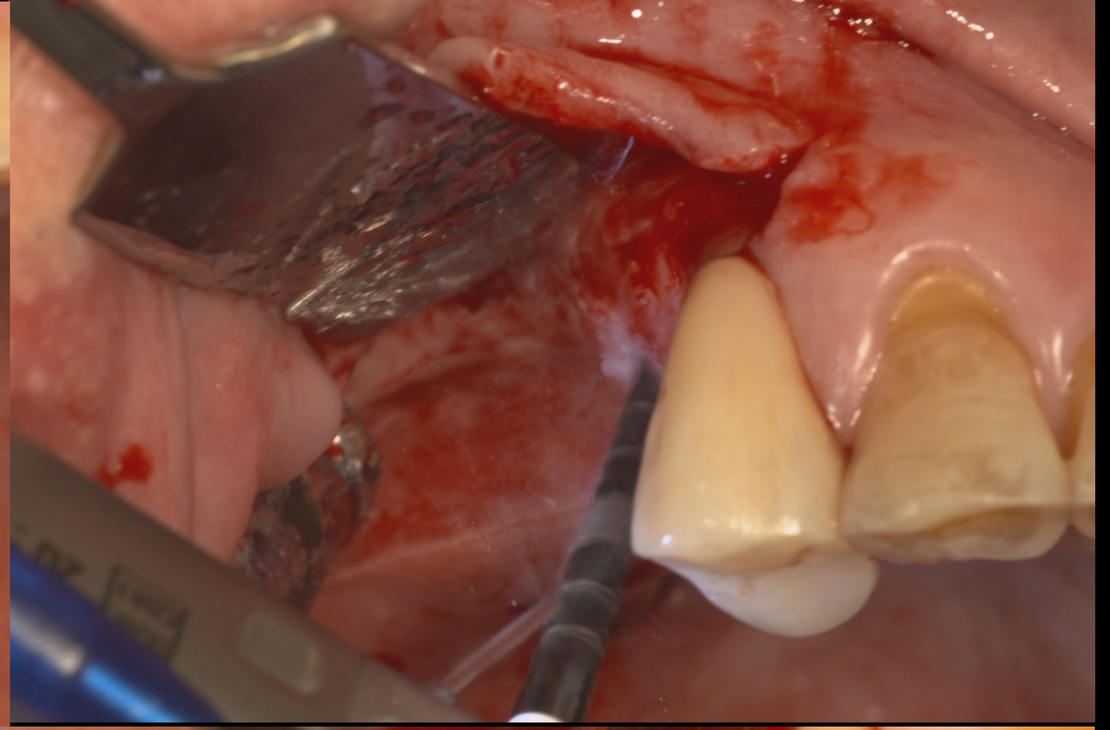


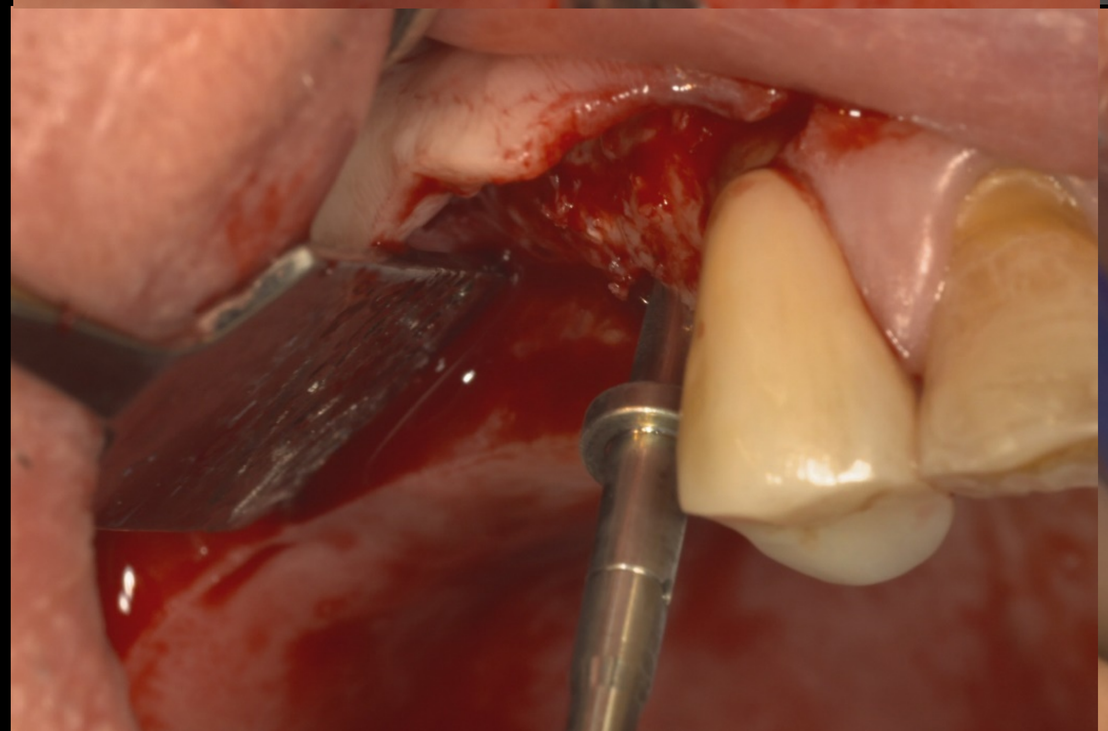
Healing : 10 months (2020-10-15)



Surgery (2021-02-24)

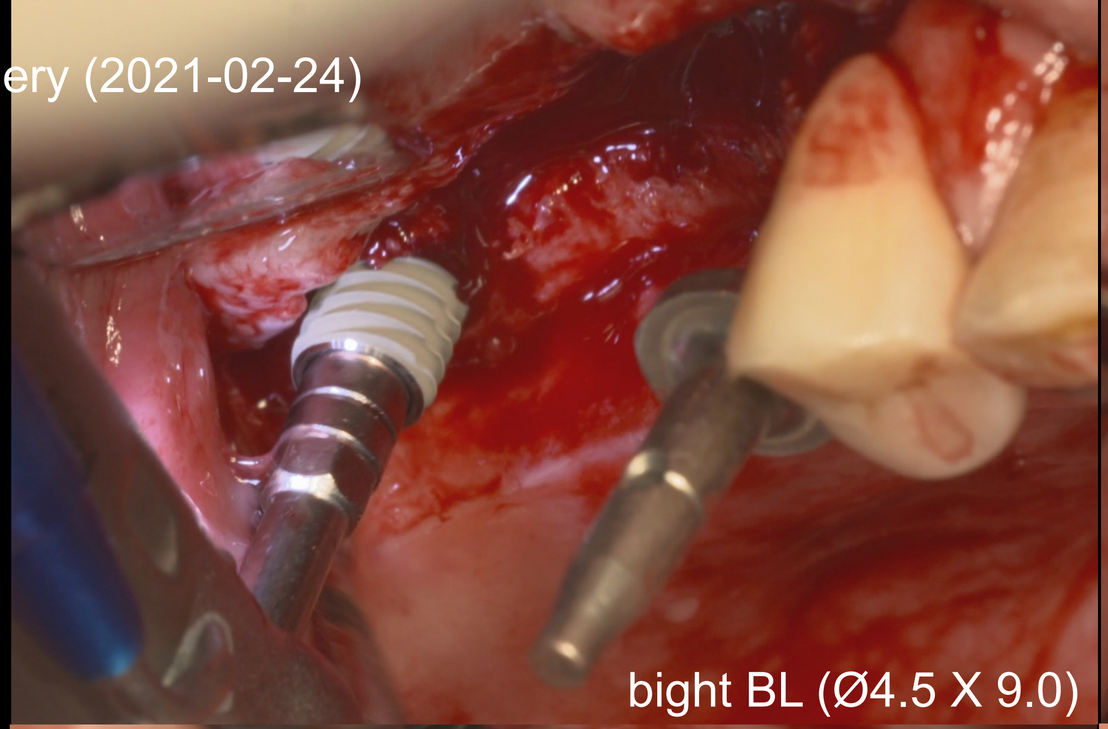




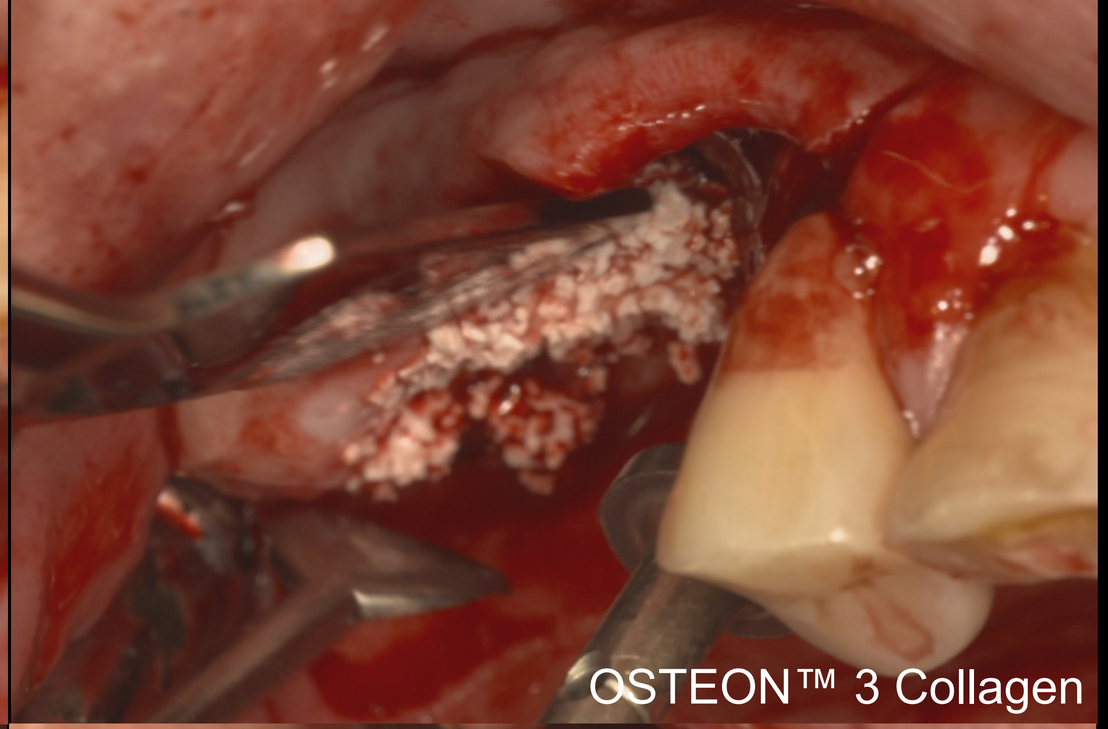




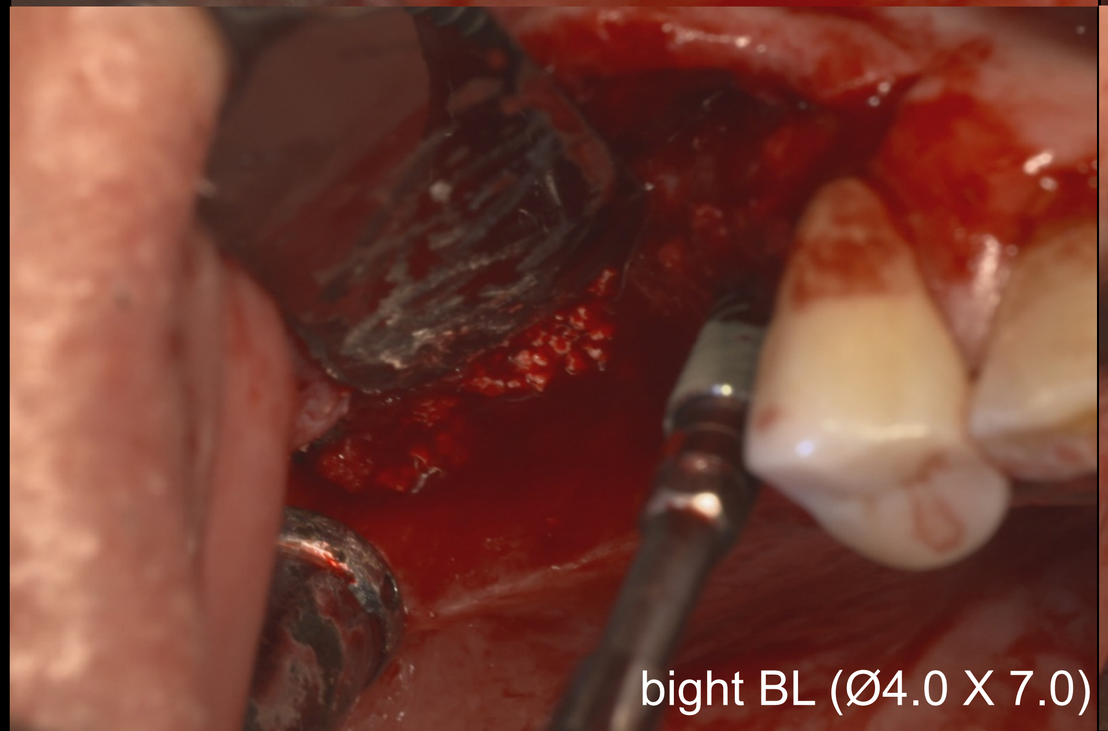
Surgery (2021-02-24)



bight BL (Ø4.5 X 9.0)



OSTEON™ 3 Collagen

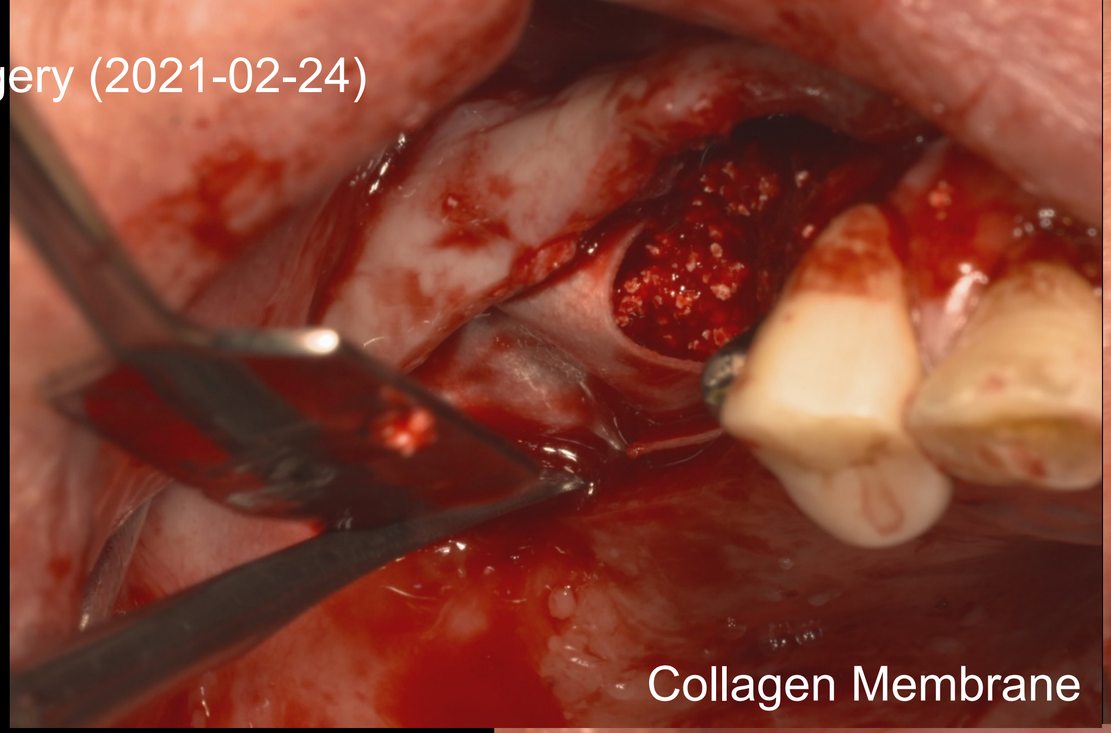


bight BL (Ø4.0 X 7.0)

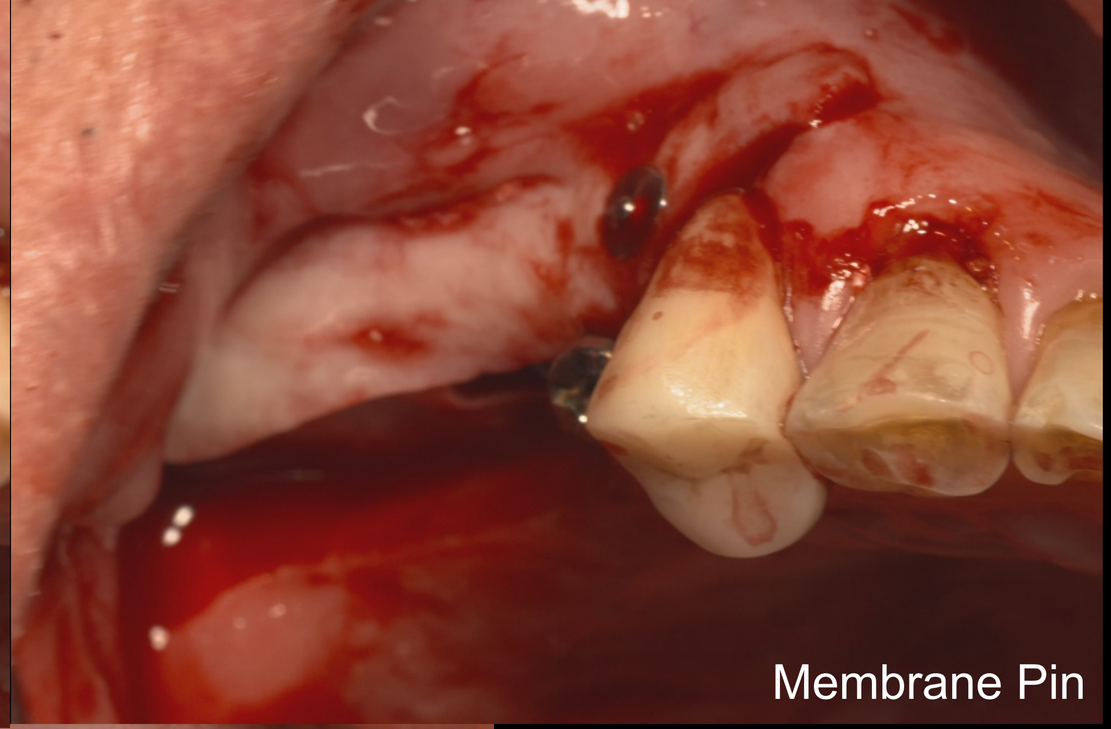


OSTEON™ 3 Collagen

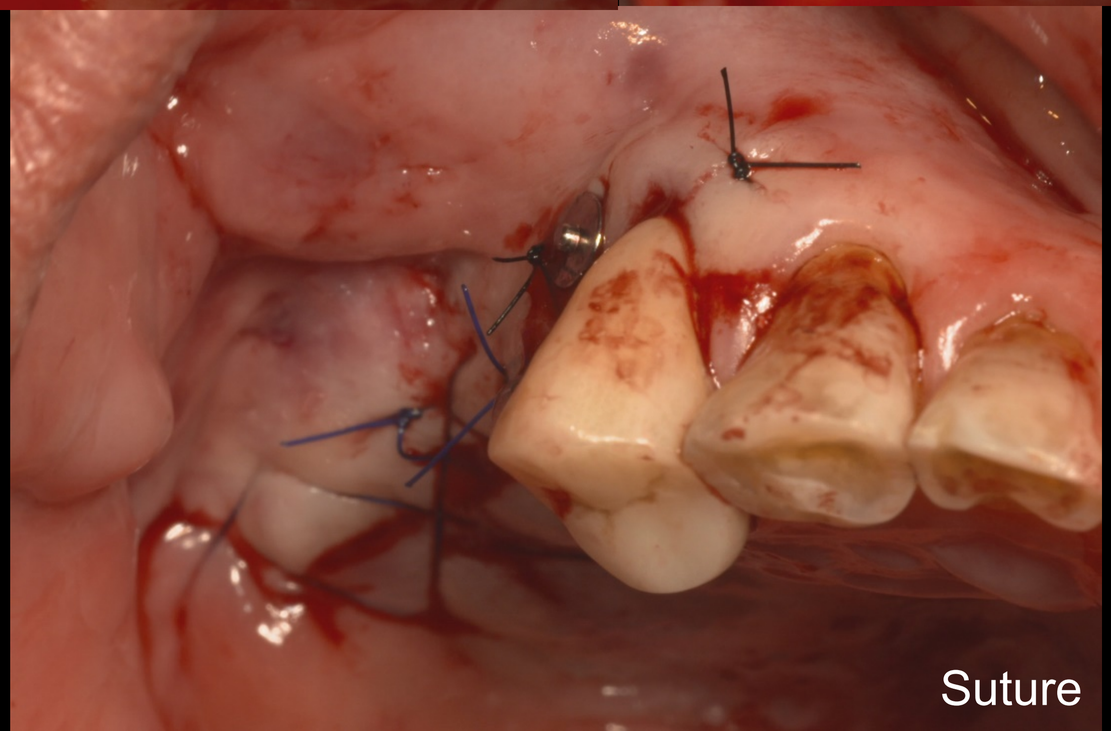
Surgery (2021-02-24)



Collagen Membrane

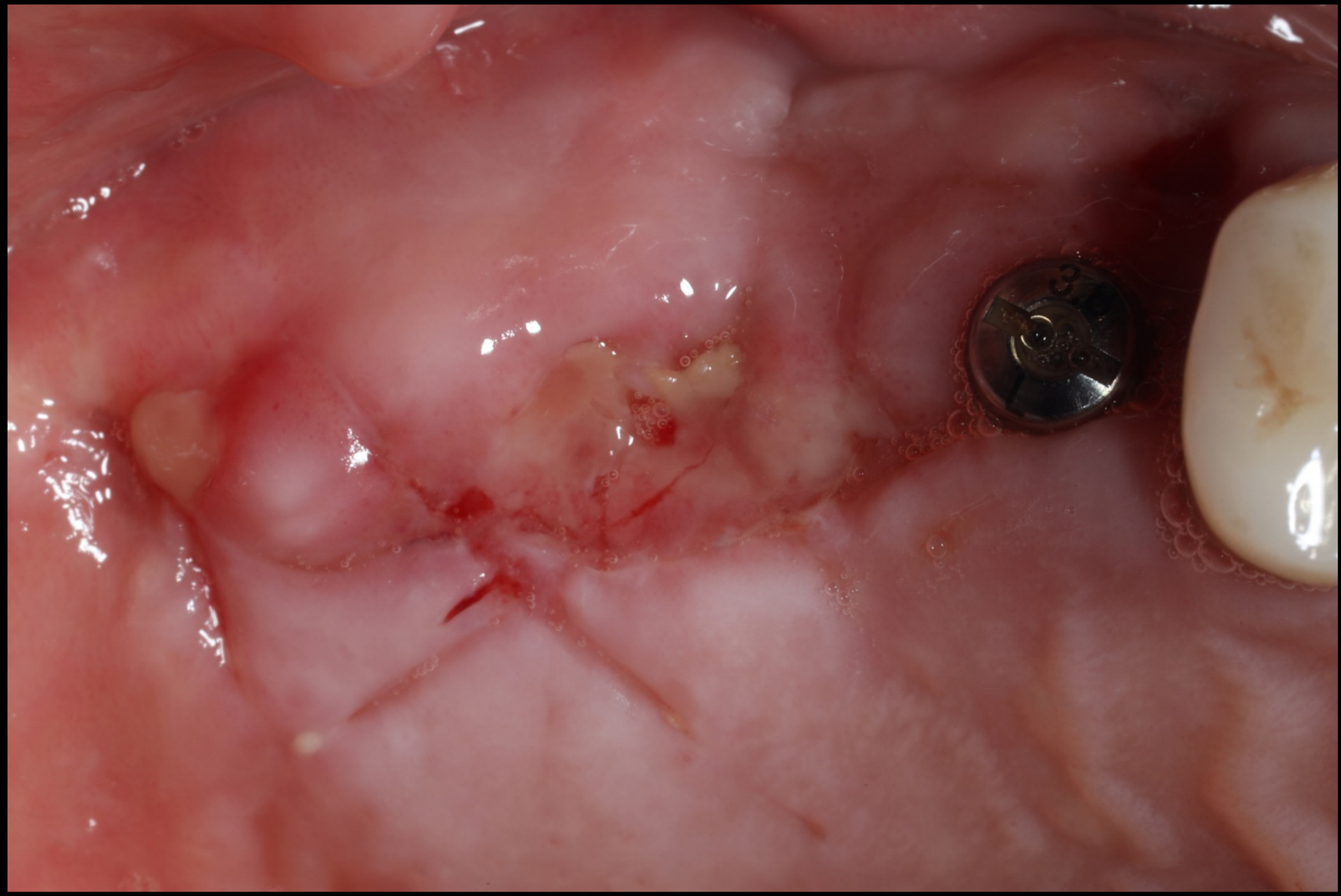


Membrane Pin

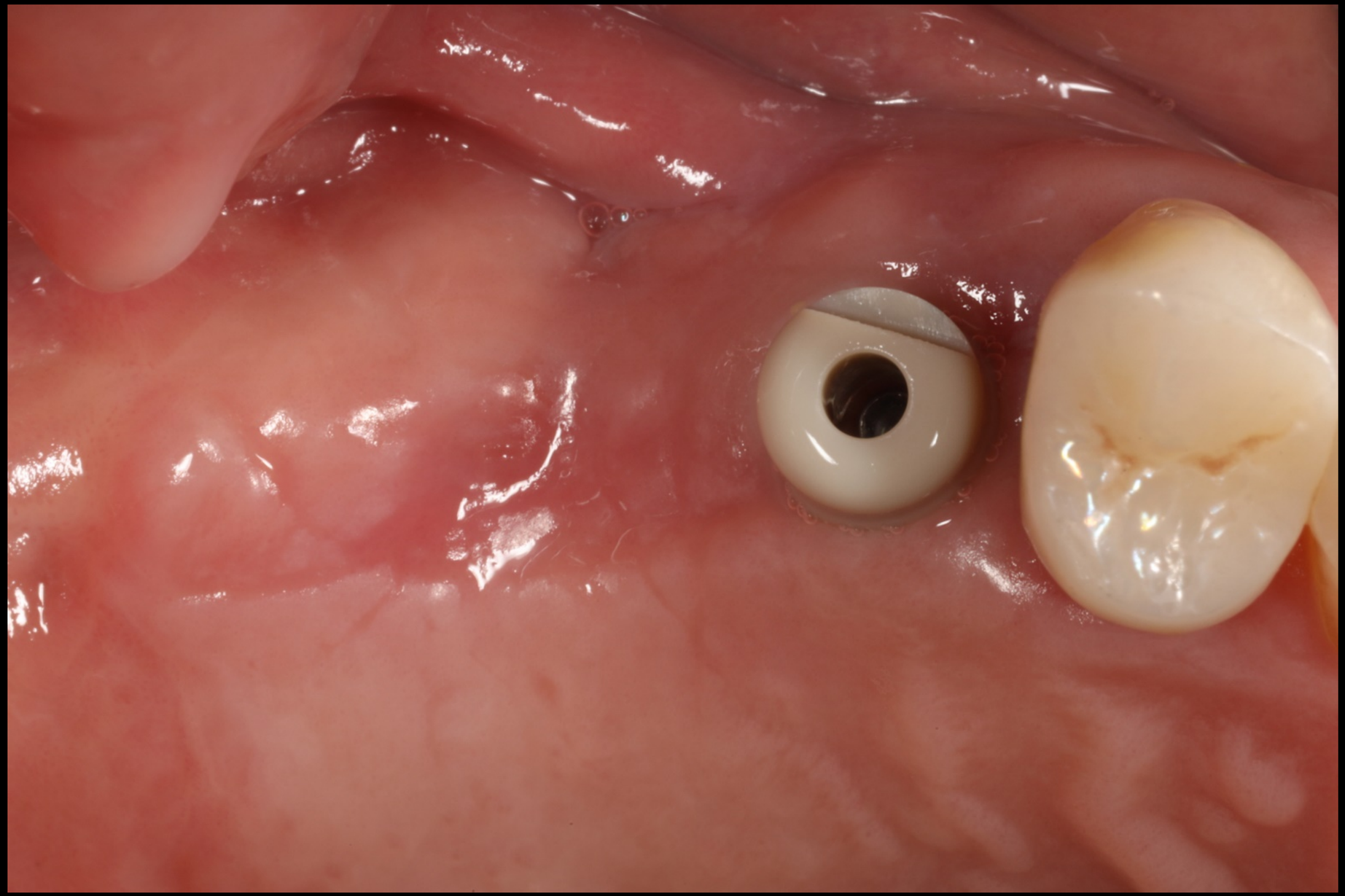


Suture

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

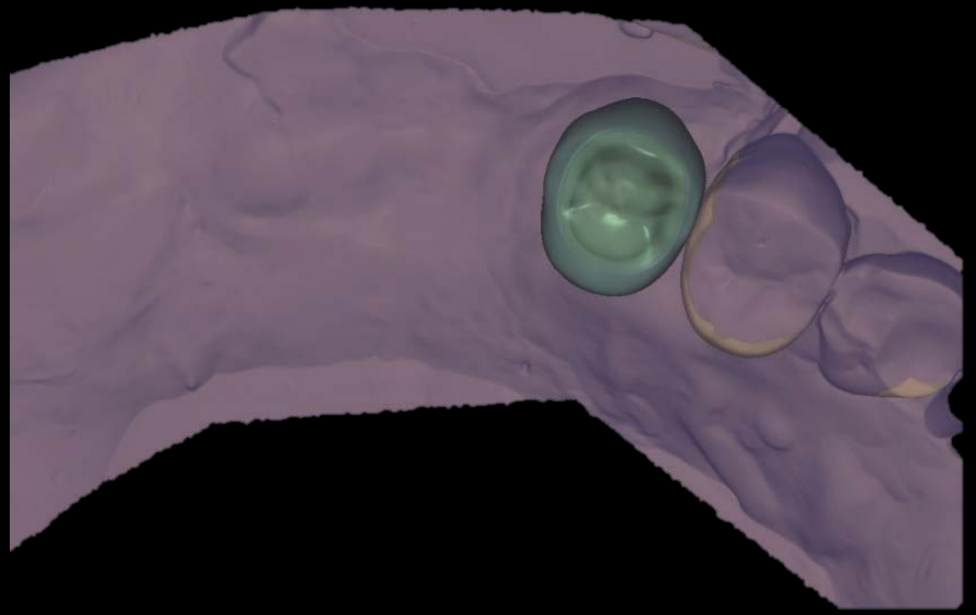


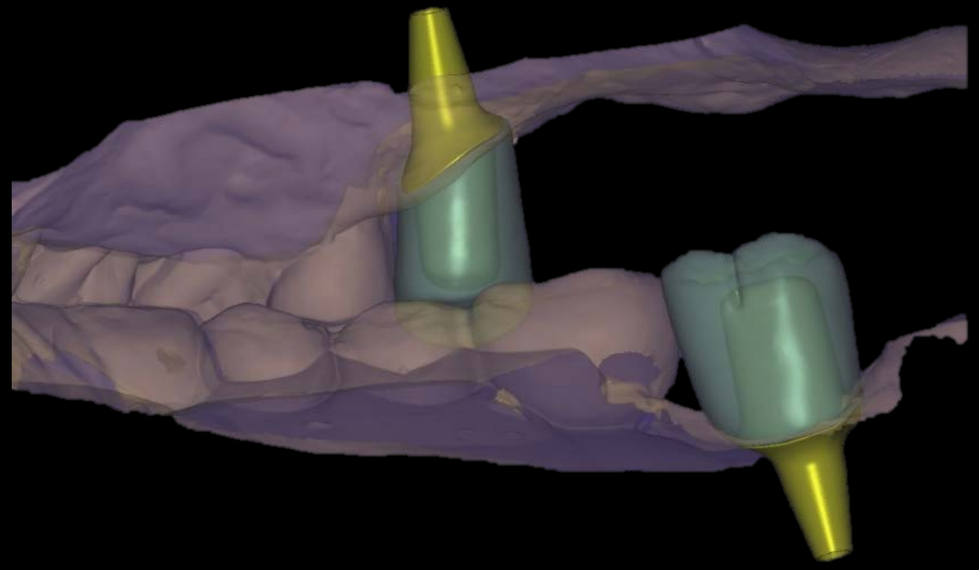
Healing : 4 weeks (After implantation) (2021-03-25)

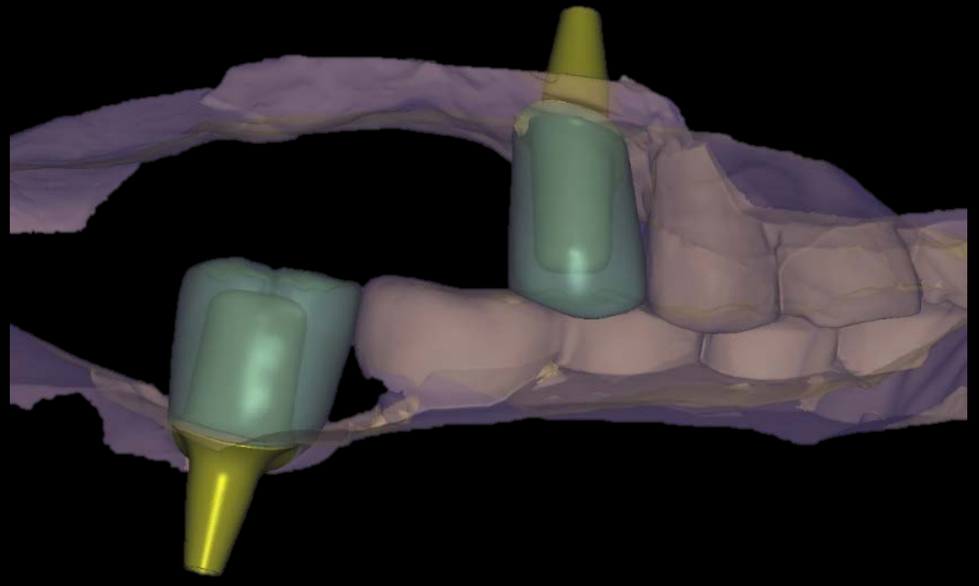


CAD (Customized abutment / Temporary)









Provisional restoration & Customized abutment



Provisional restoration (2021-04-08)



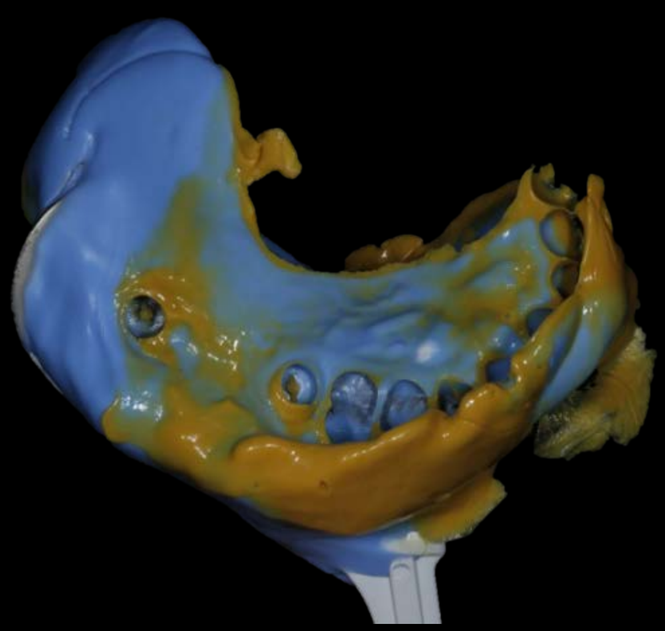


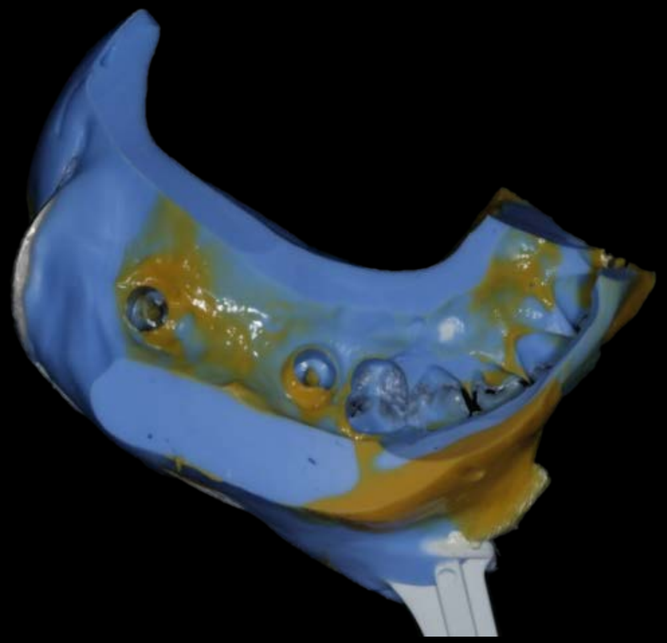


Shade taking



Impression / Trimming / Scan spray

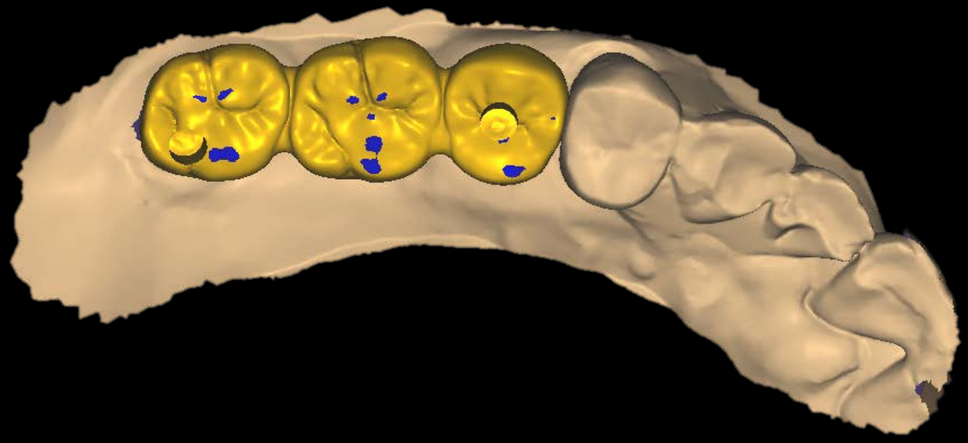


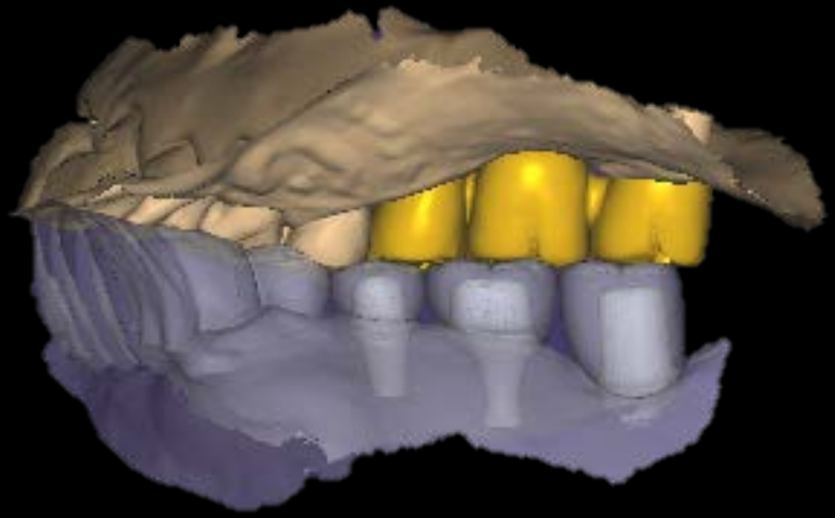


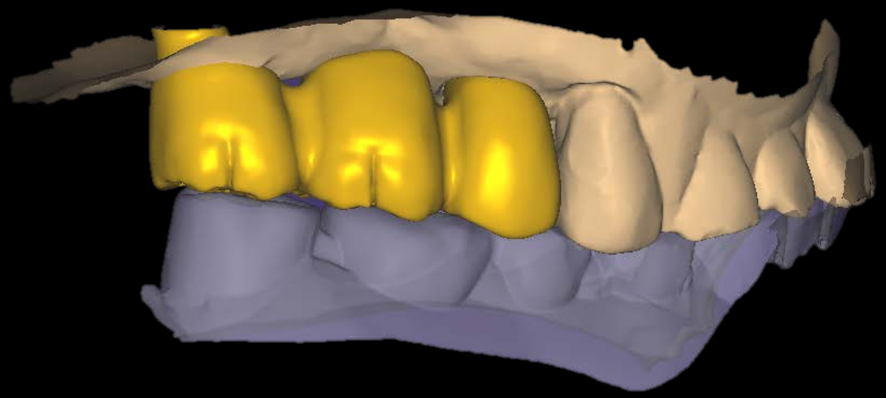


CAD (Final prosthesis)









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 alveolor 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

Oral Exam (2023-04-12)



Oral Exam IOS (2023-04-12)







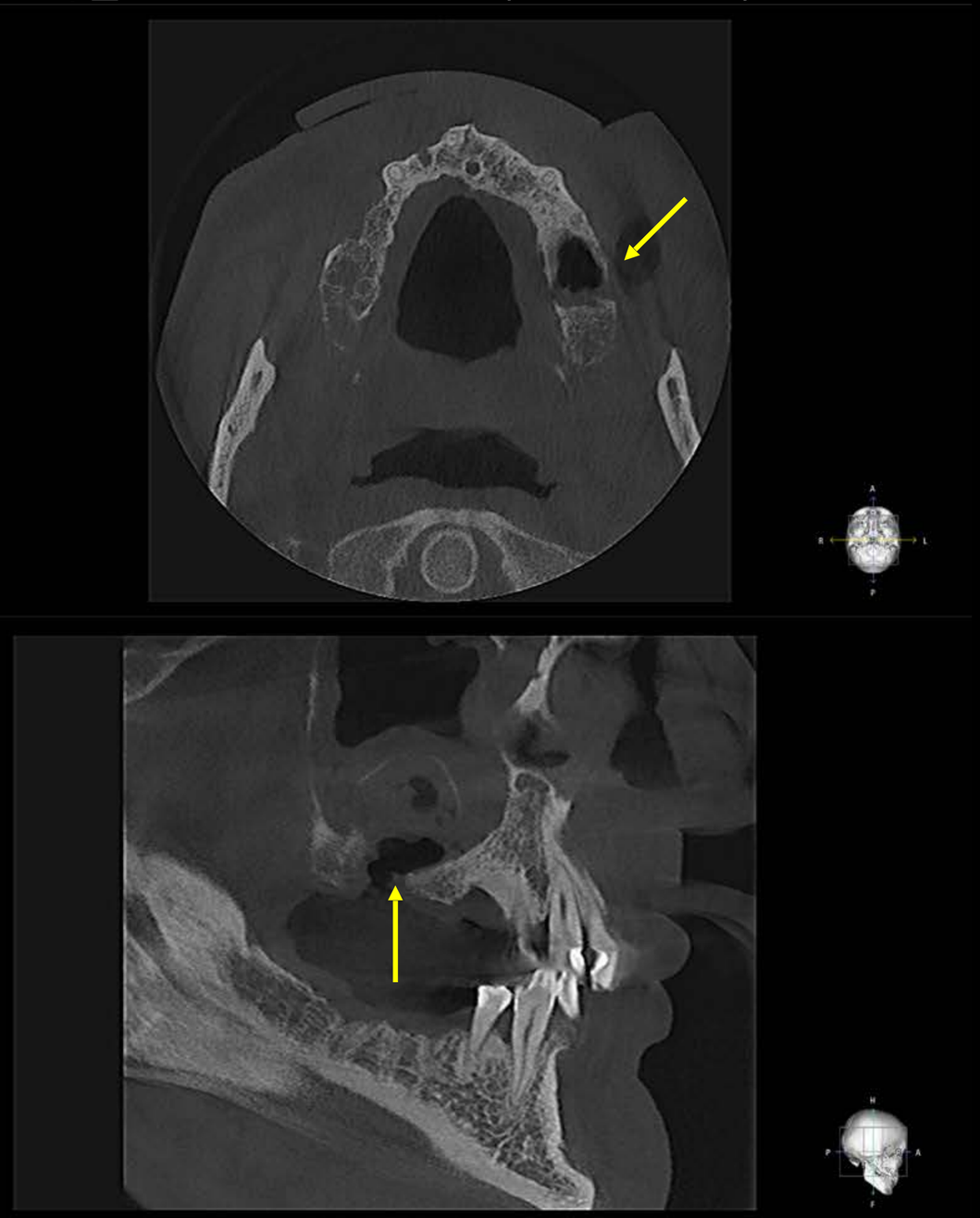




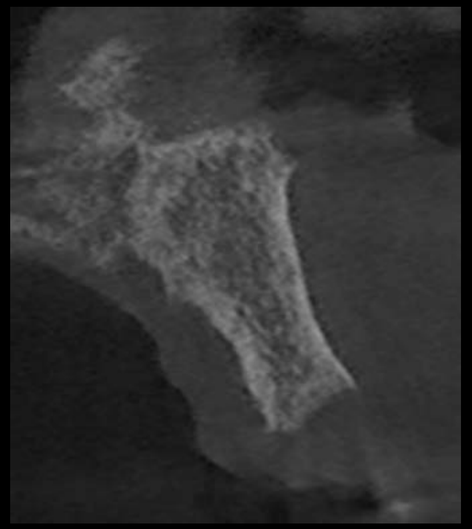
Pre-op_Sinusitis (2023-04-12)



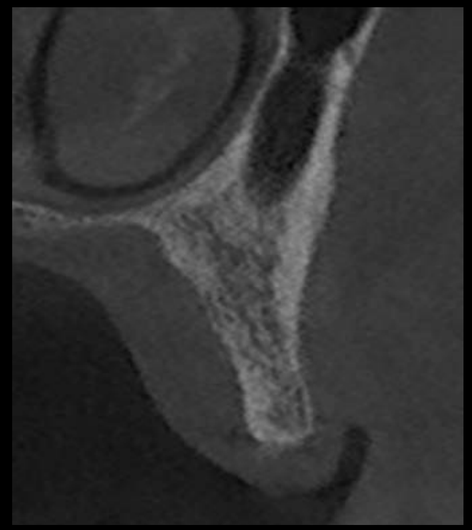
Post-op_Sinusitis treatment (2023-04-13)



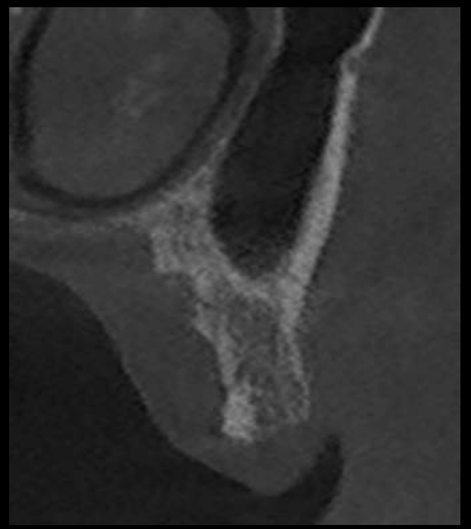
Pre-op CT (2023-04-13)



#12



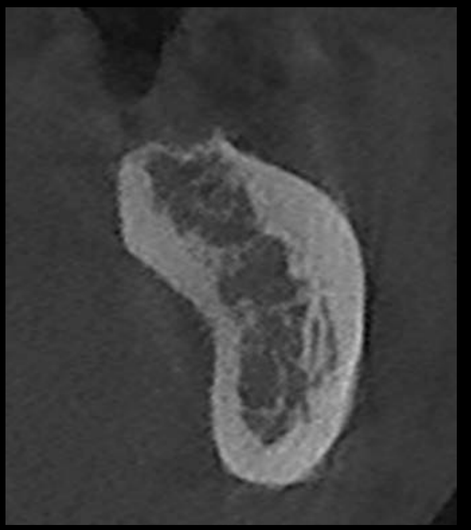
#14



#15



#16



#47

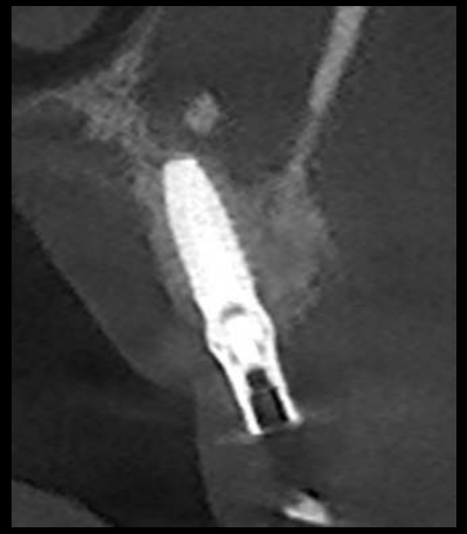
Post-op CT (2023-04-17)



#12



#14



#15



#16



#47

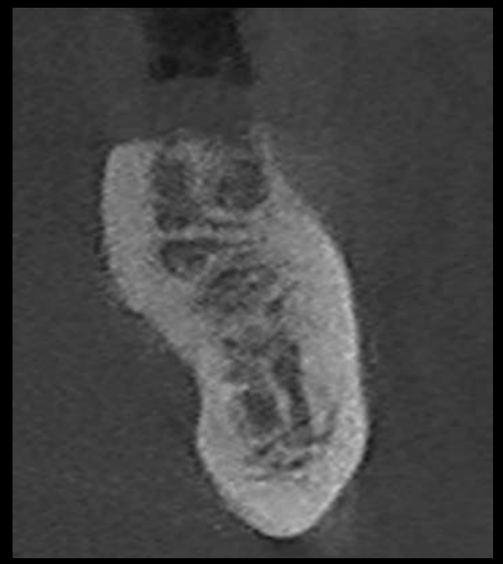
Implantation #12,14,15,16,47 (2023-04-17)



Pre-op CT (2023-04-17)



#35

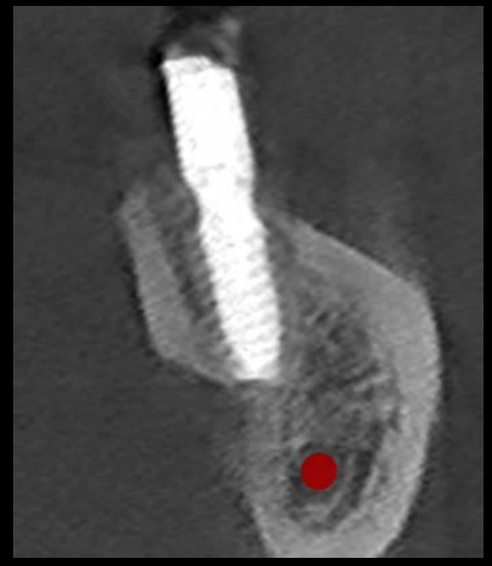


#37

Post-op CT (2023-04-19)



#35



#37

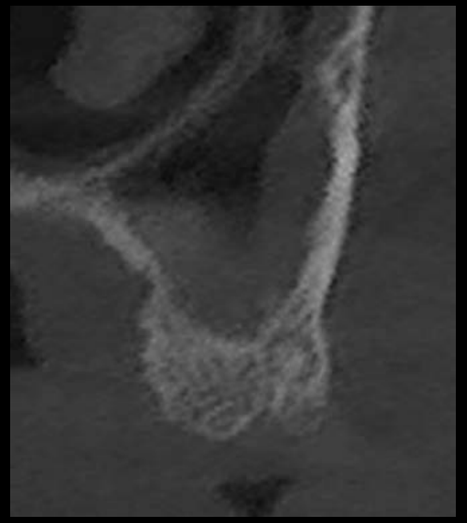
Implantation #35, 37 (2023-04-19)



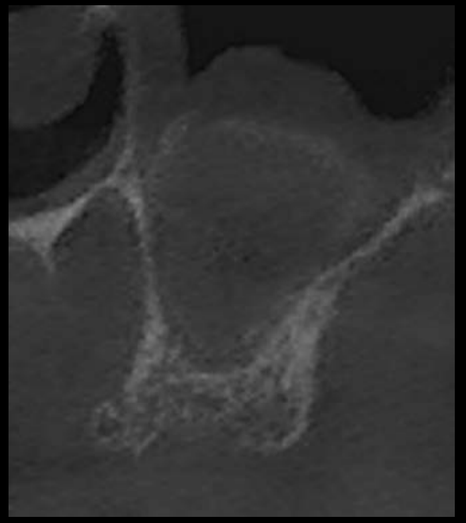
Pre-op CT (2023-04-20)



#24

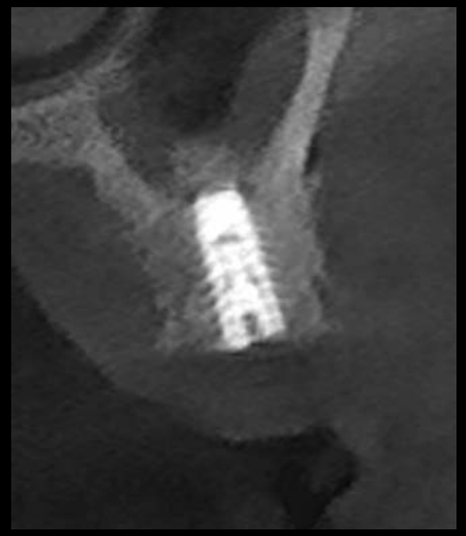


#25



#27

Post-op CT (2023-05-04)



#24



#25



#27

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



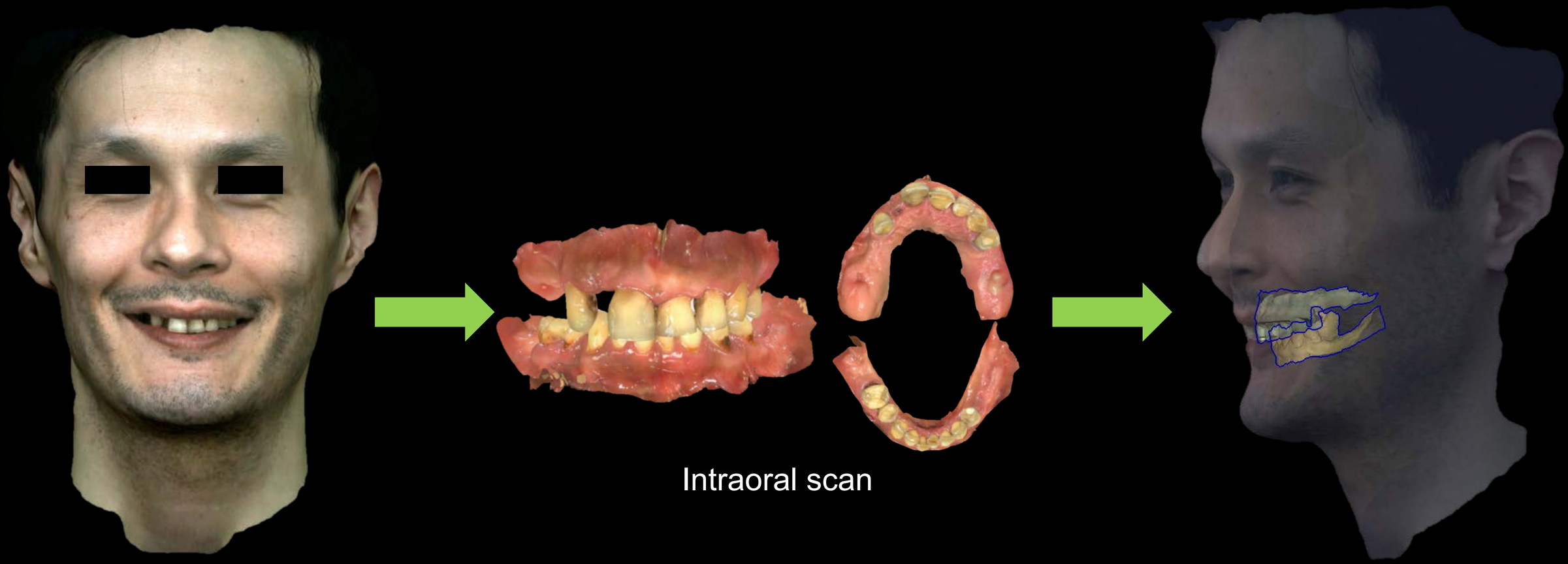
2nd Surgery pre-op #26 (2023-10-24)



Final prosthesis (2023-11-16)



Scan data & Facial scan data stitching



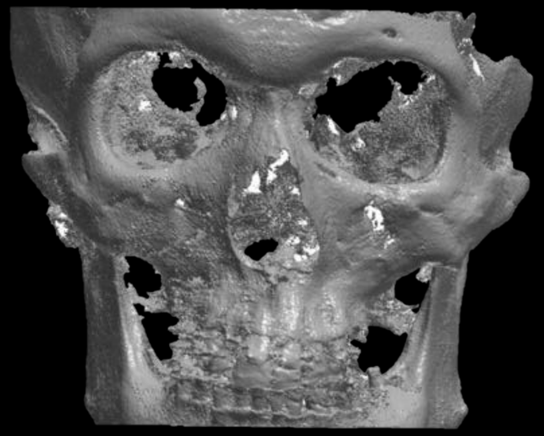
Facial scan

Intraoral scan

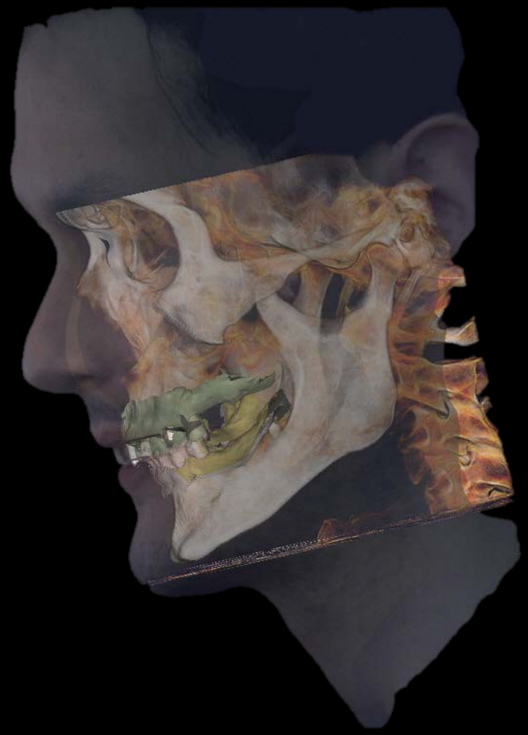
CT data stitching



&



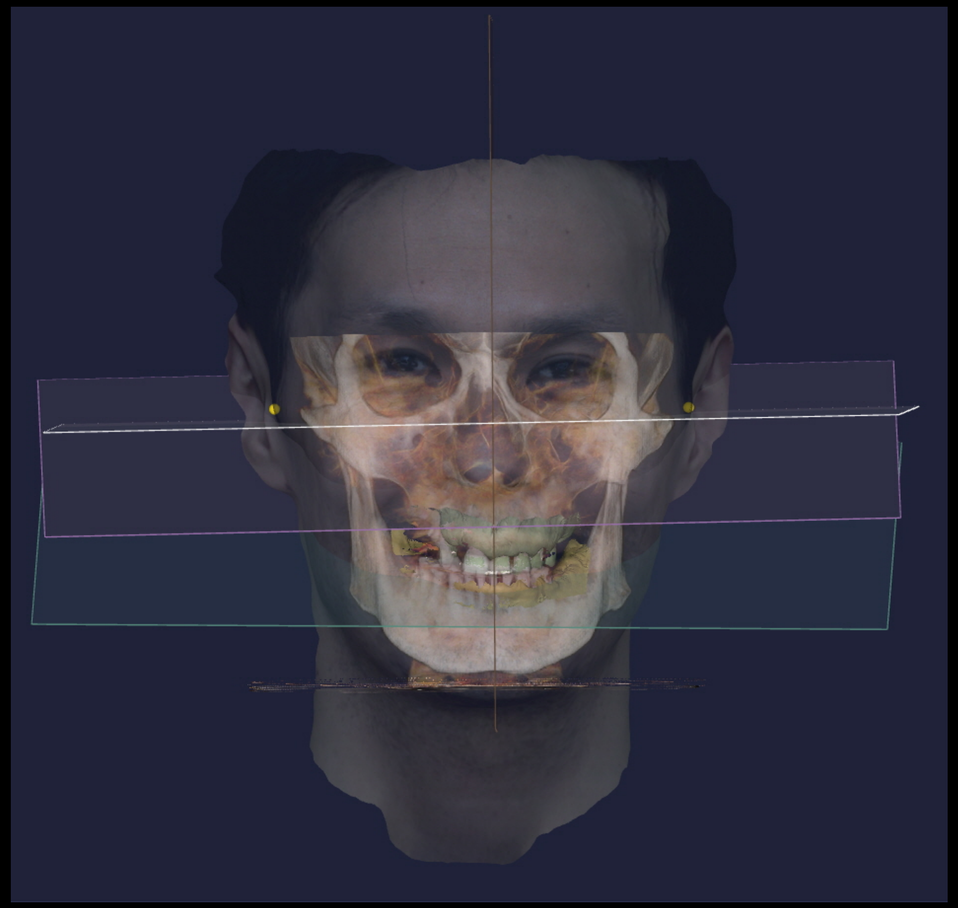
CT STL



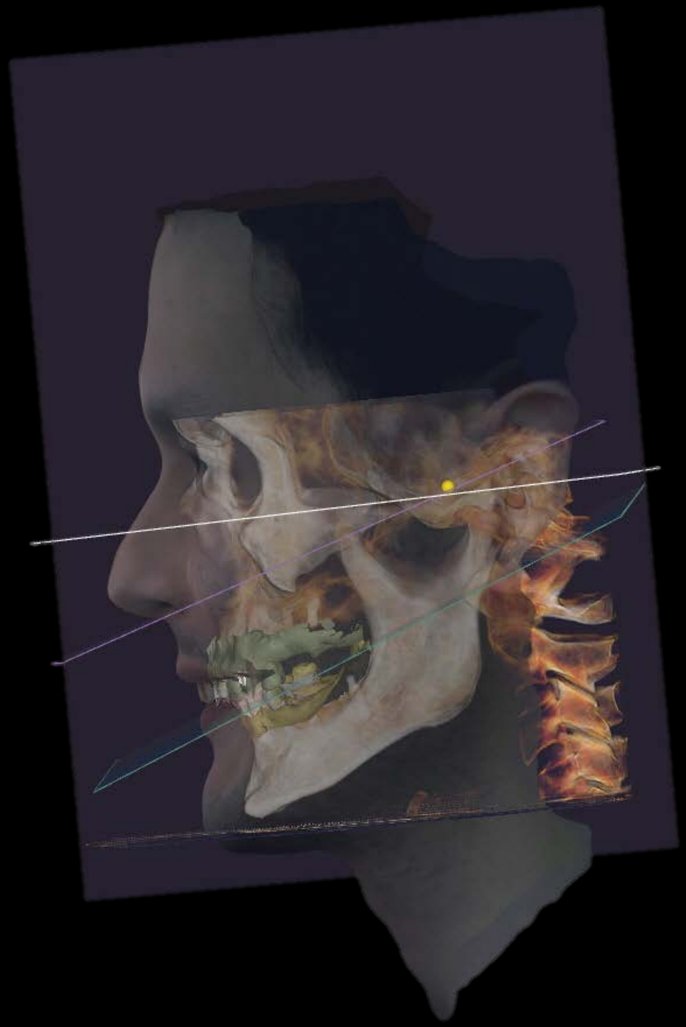


Facial Scan + IOS + CT STL

Scan data & Facial scan data stitching data



Facial Scan + Plane + IOS + CT



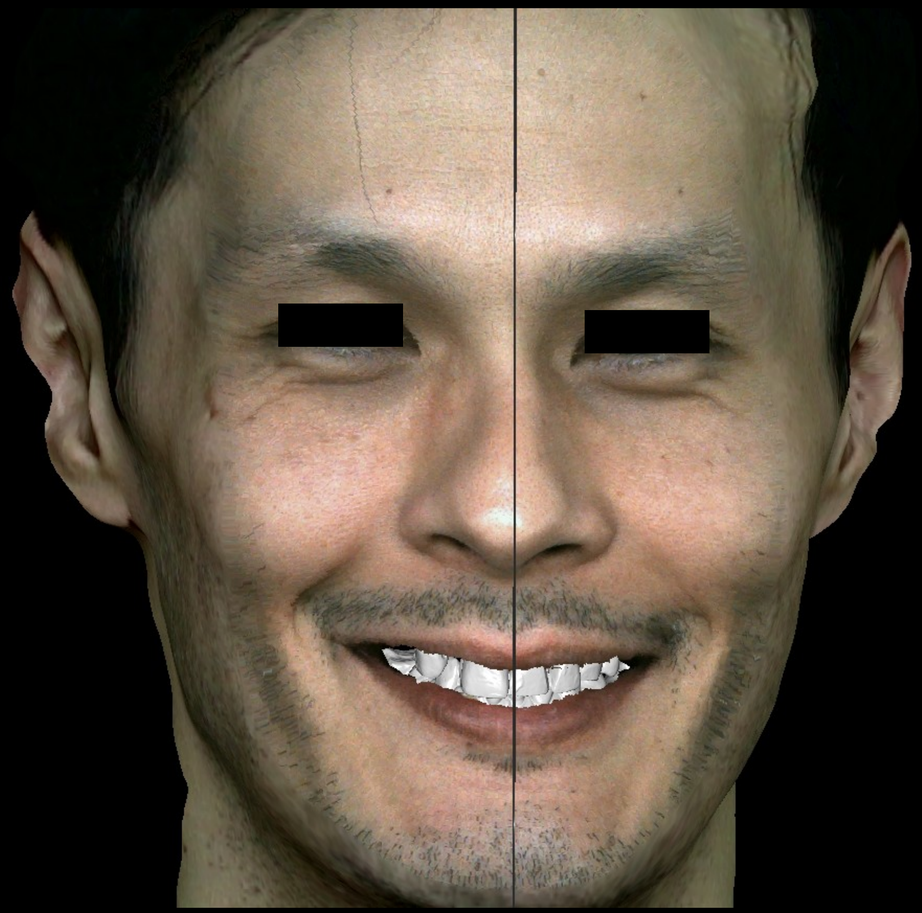
Landmark be easy to set up

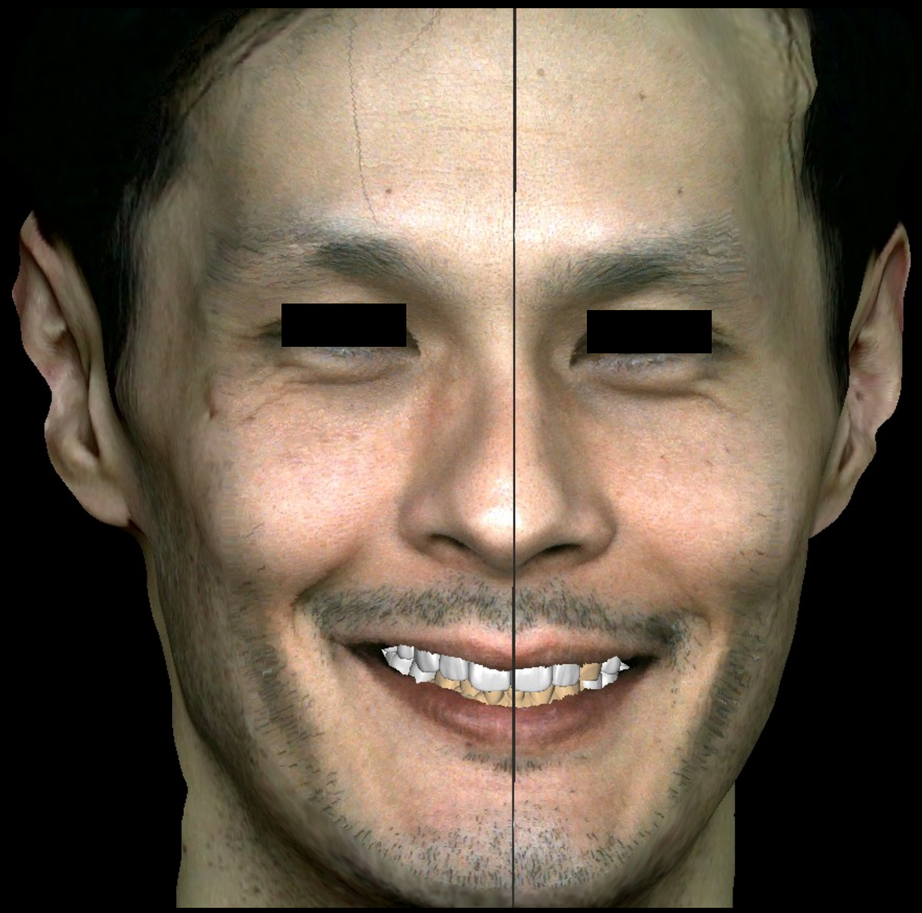
Increased accuracy

Cad Design

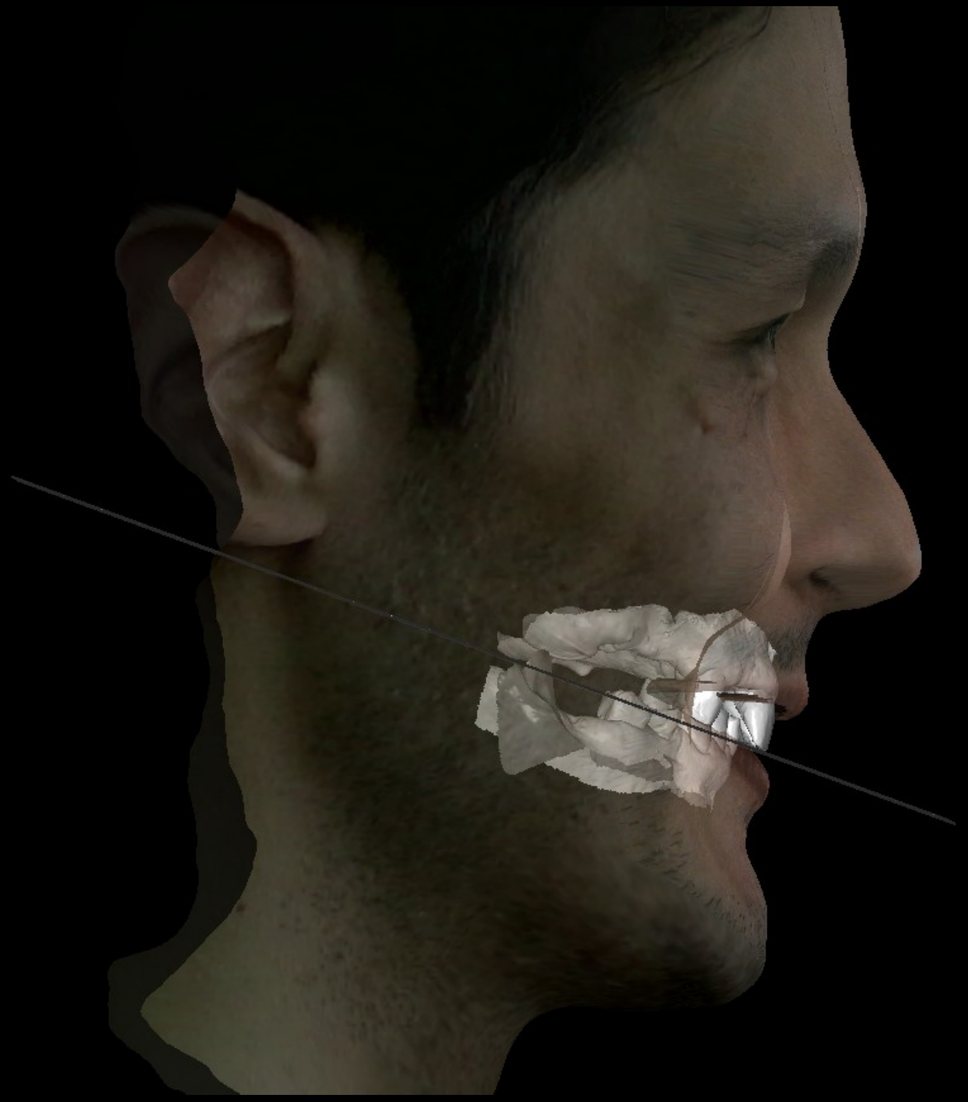


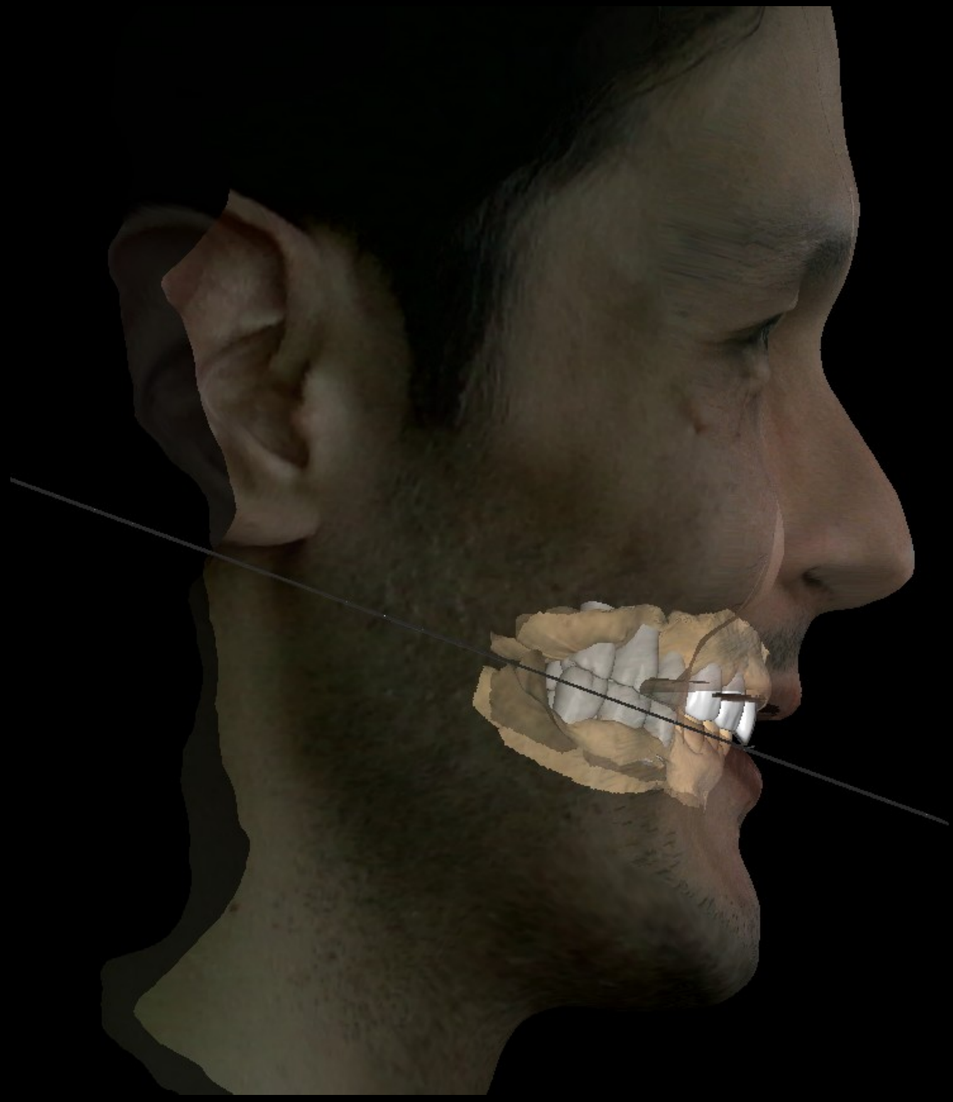
Cad Design





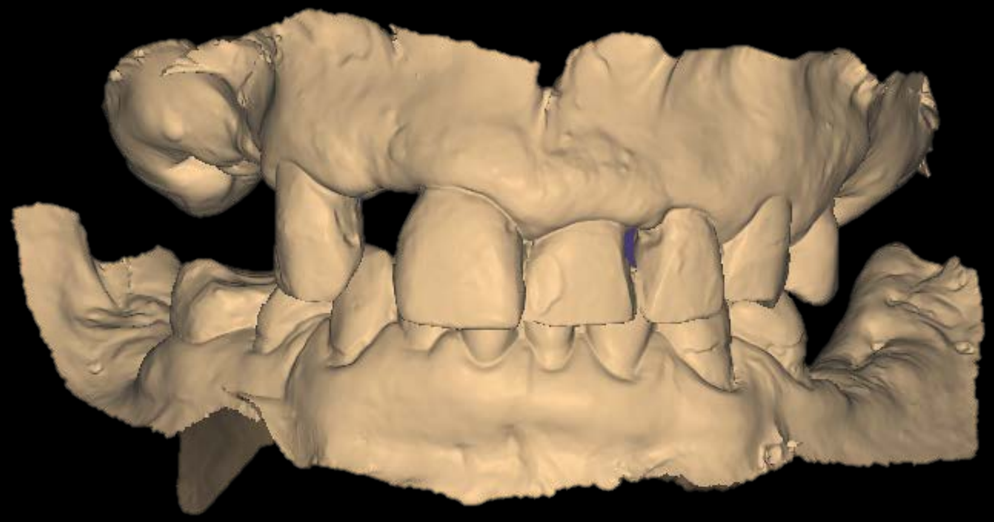
Cad Design

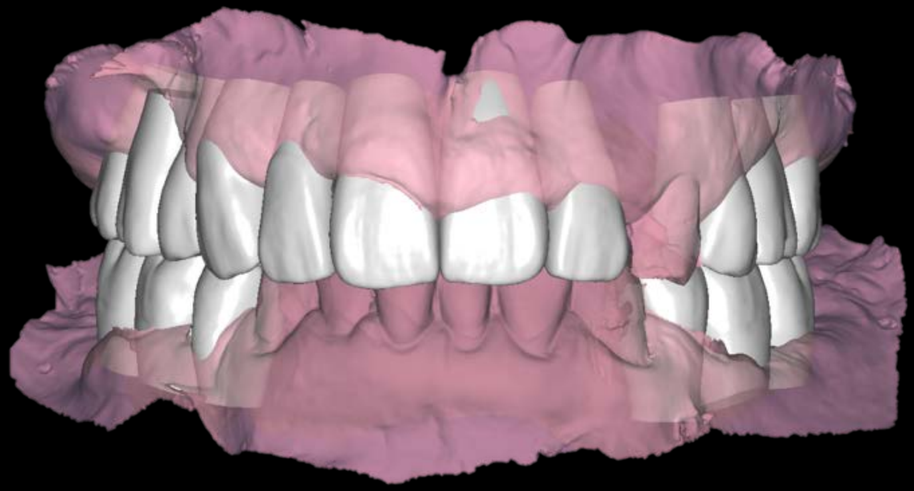




Intra-oral scanning

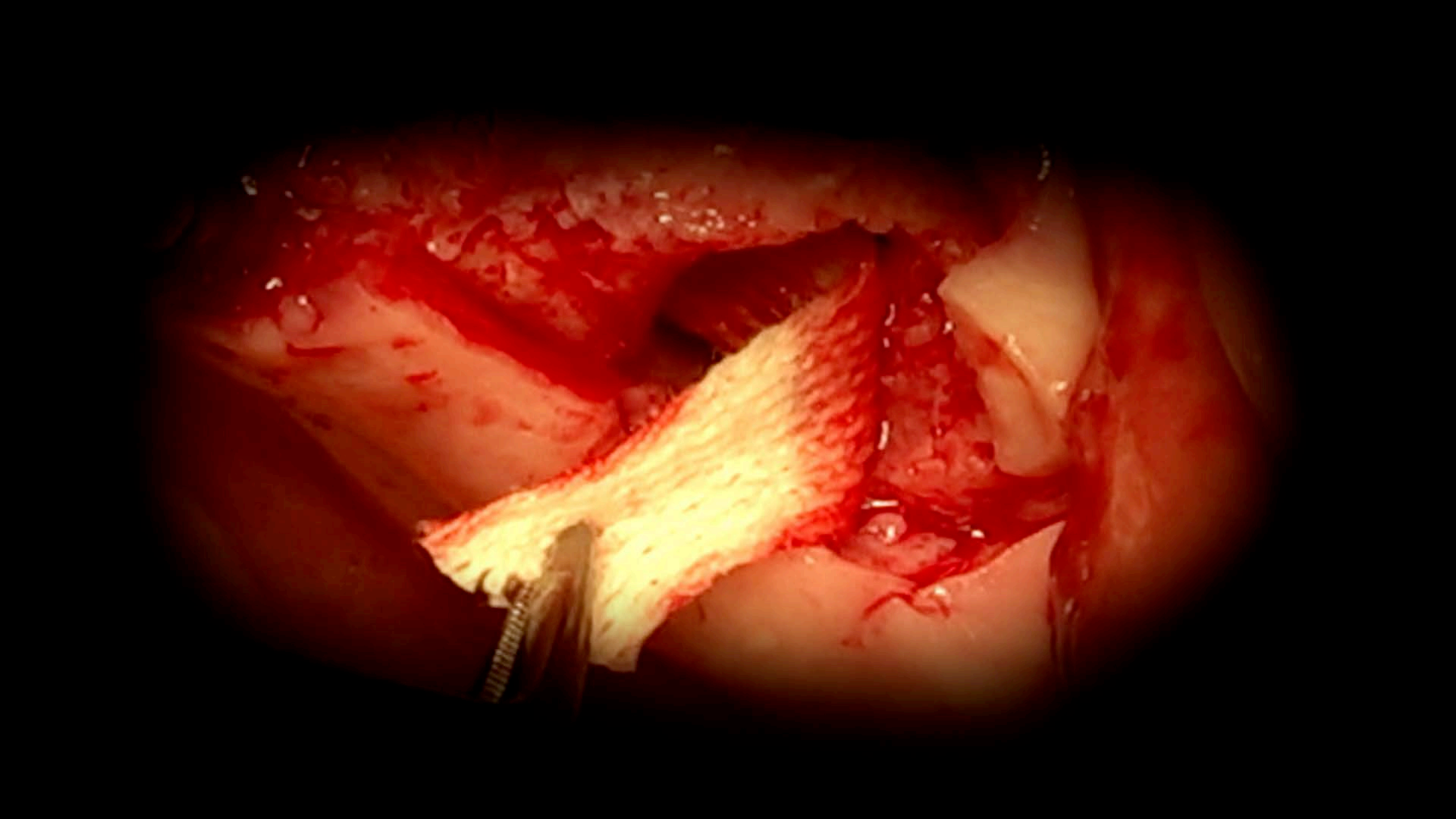
Virtual set up



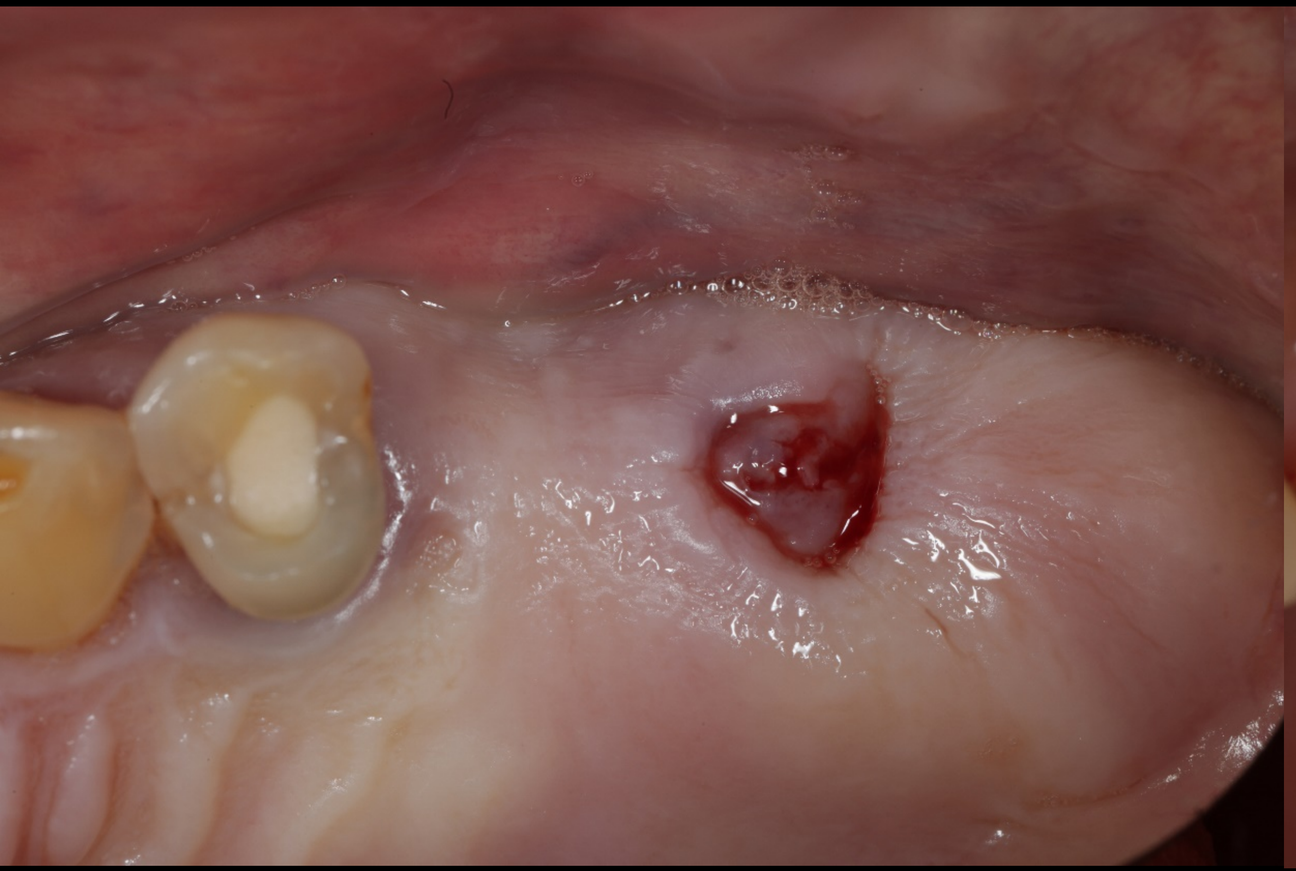


Full mouth reconstruction

Part 2. Sinus elevation and complication solving

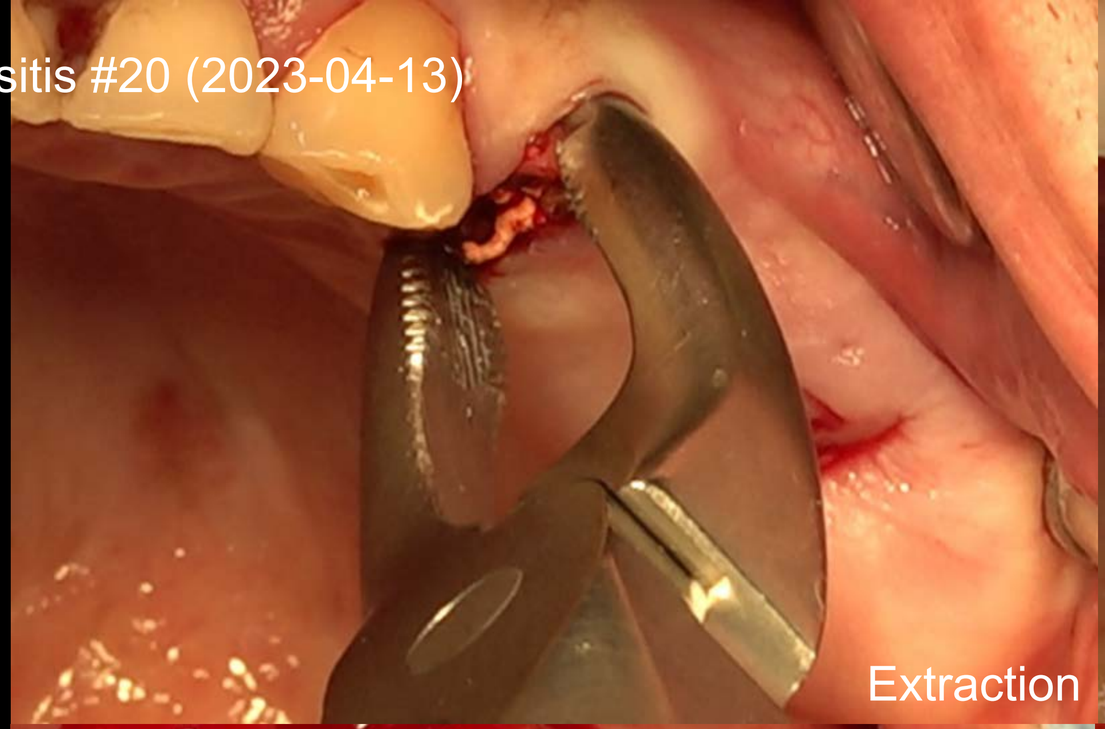


Pre-op (2023-04-13)

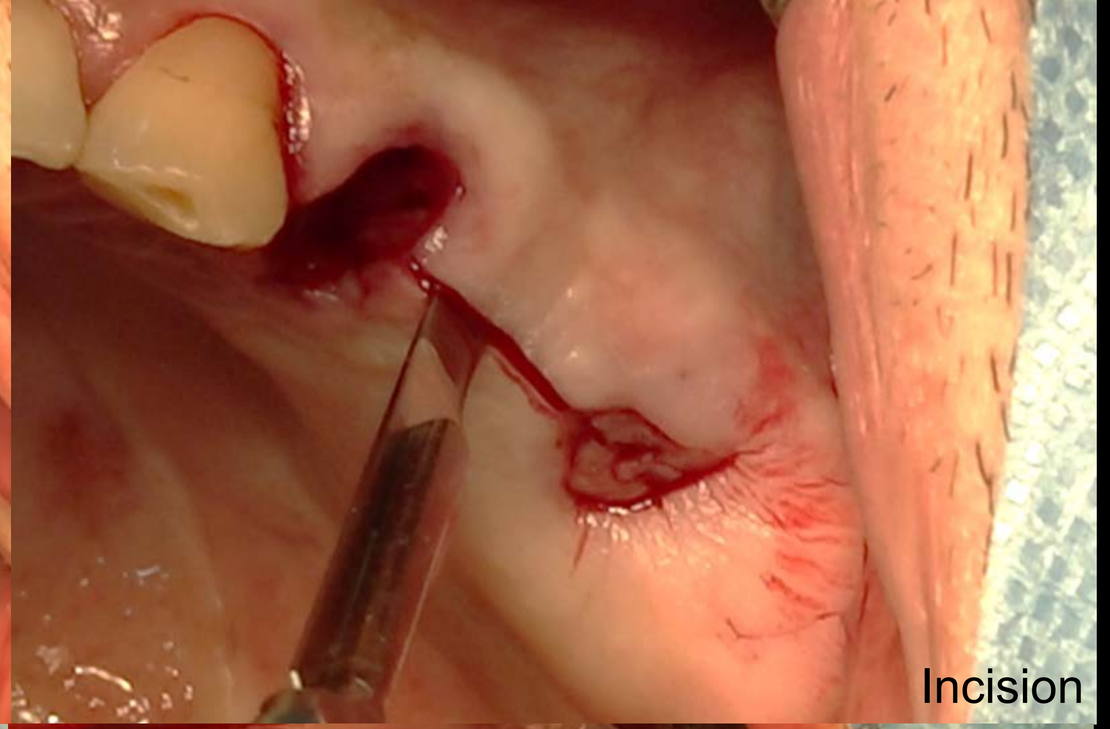




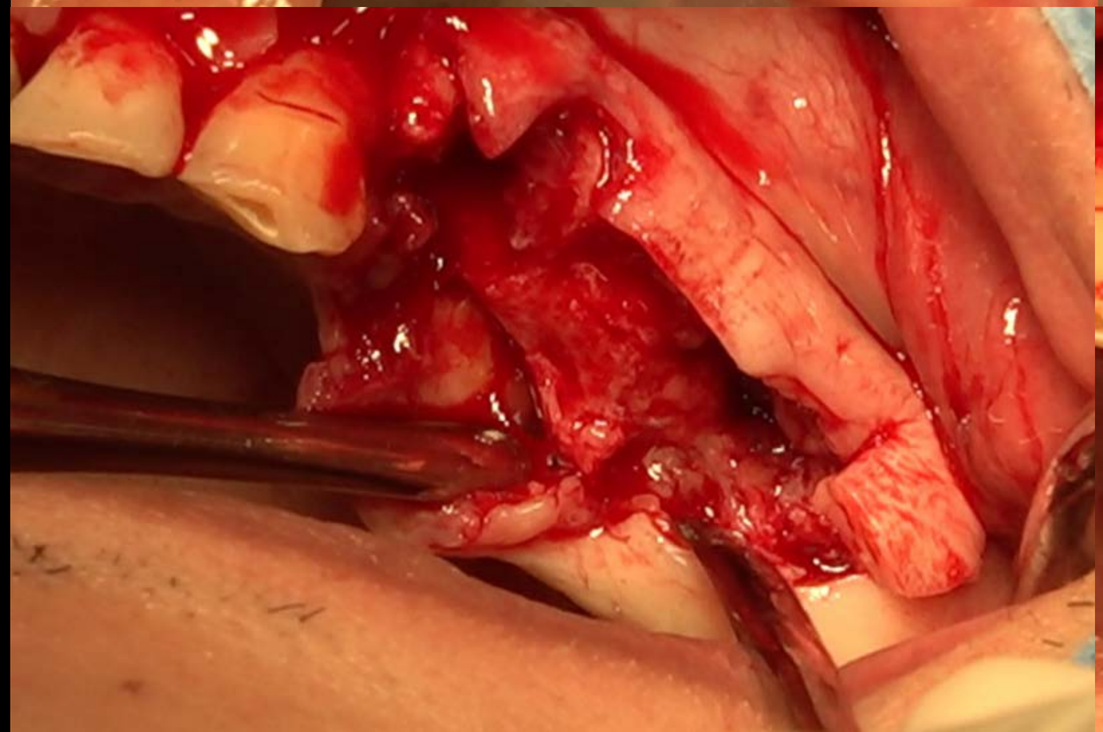
Sinusitis #20 (2023-04-13)

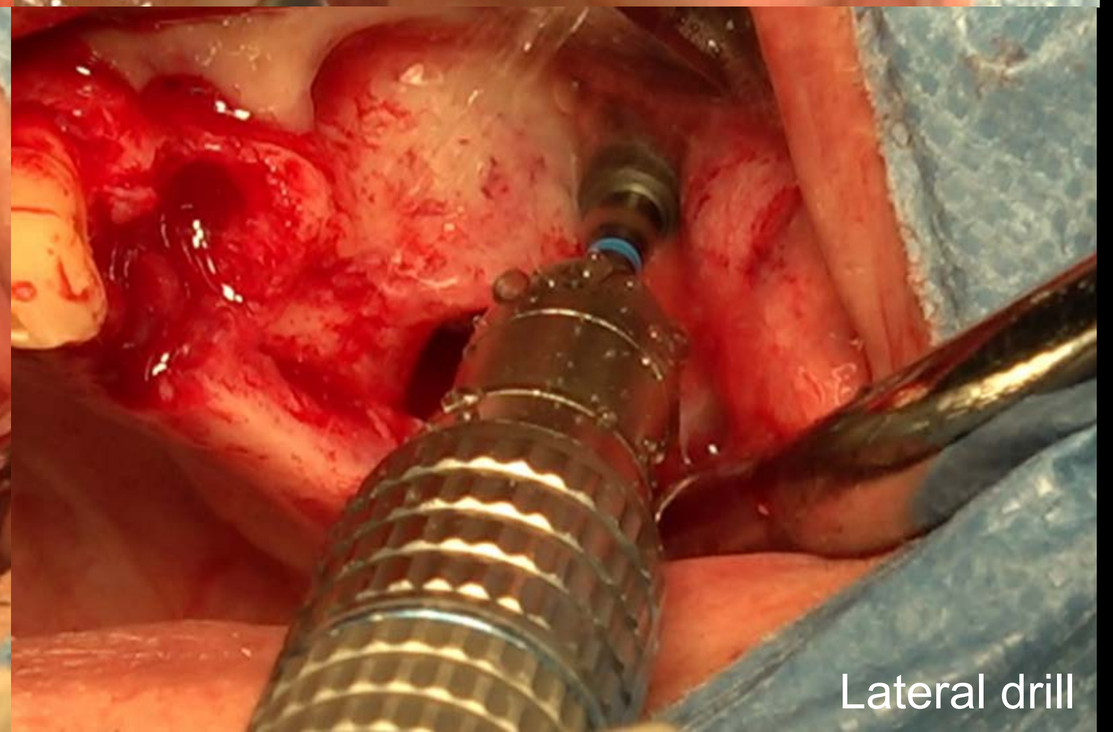


Extraction



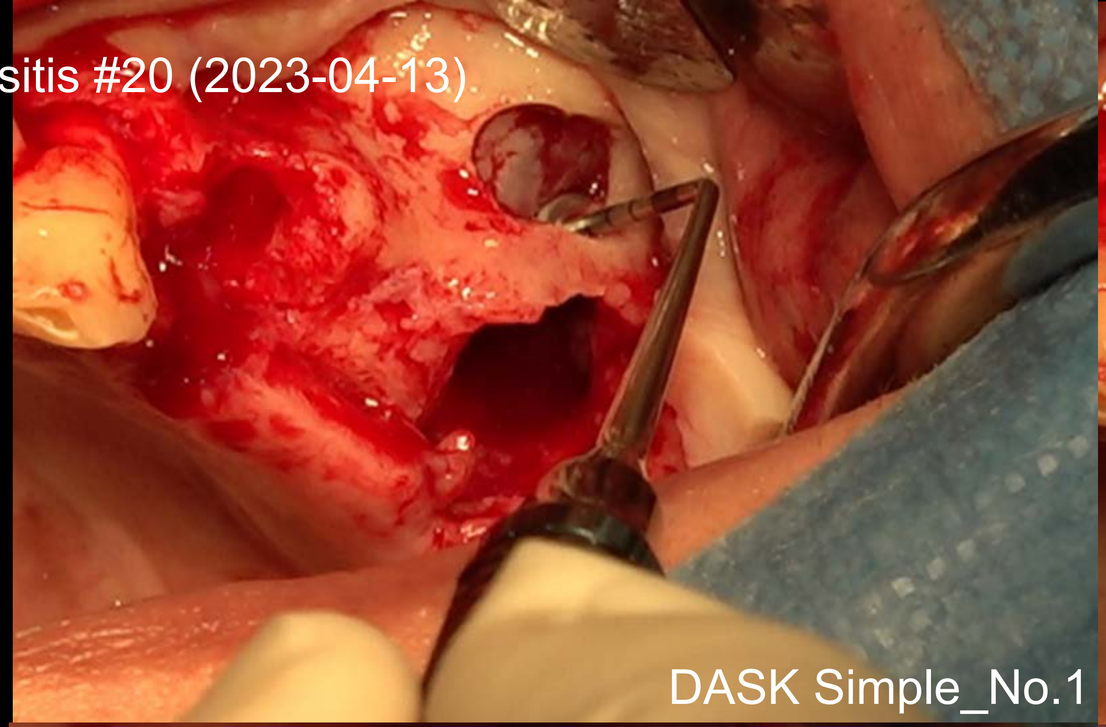
Incision



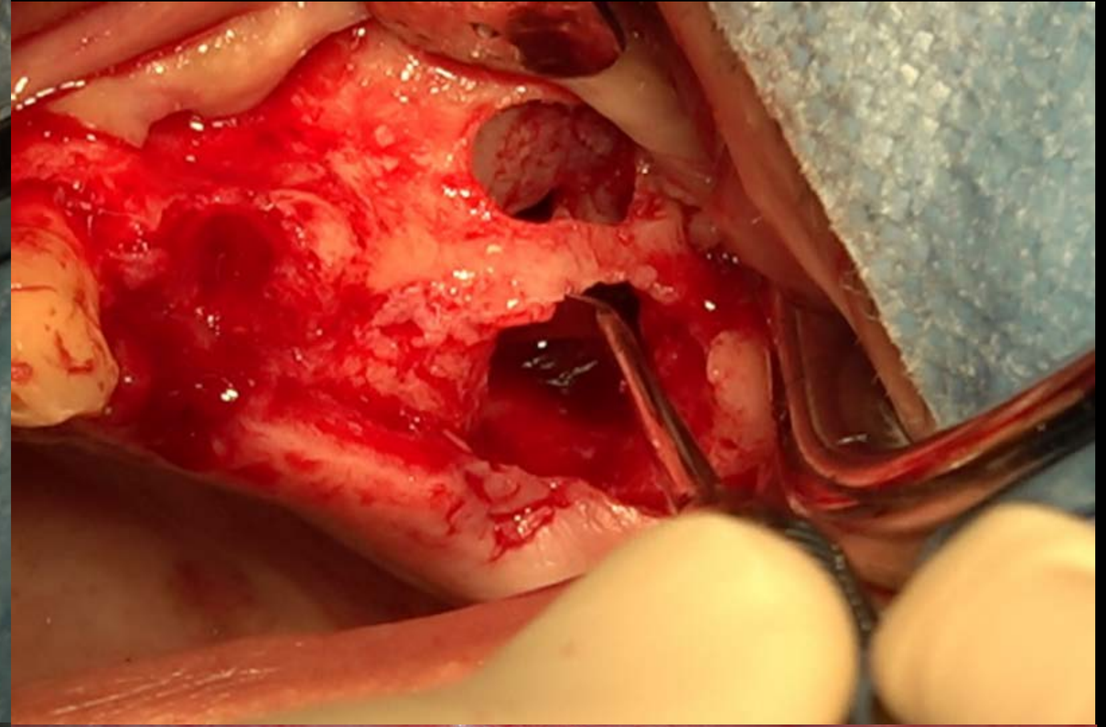


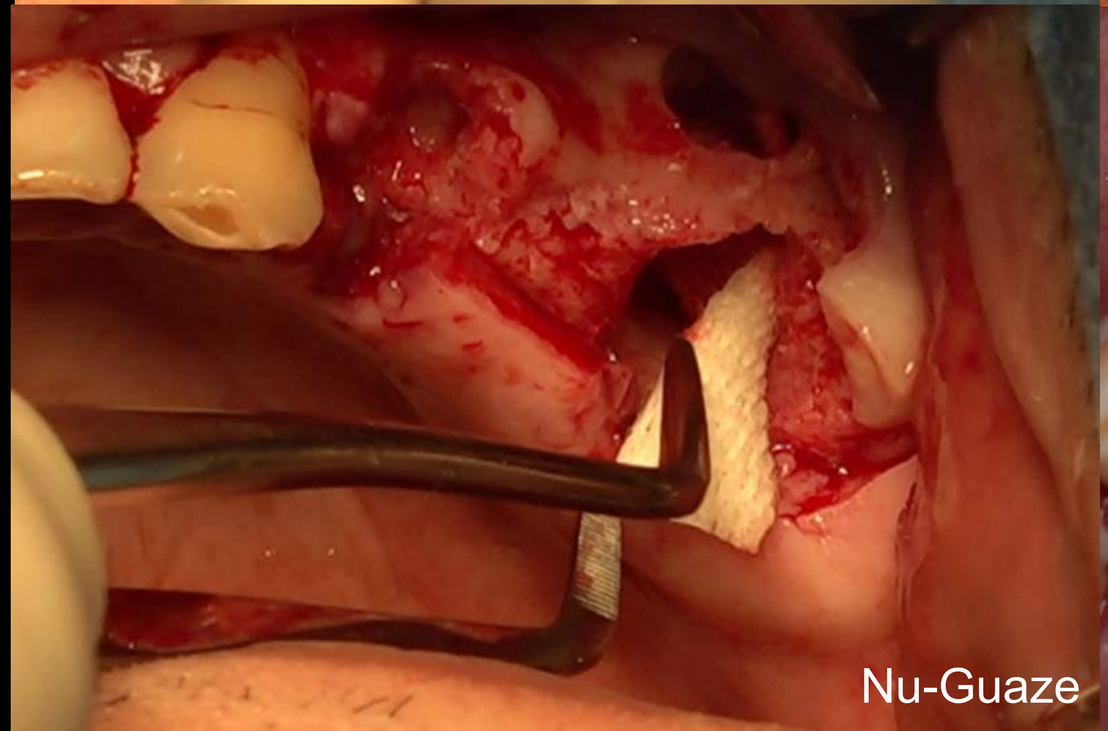
Lateral drill

Sinusitis #20 (2023-04-13)

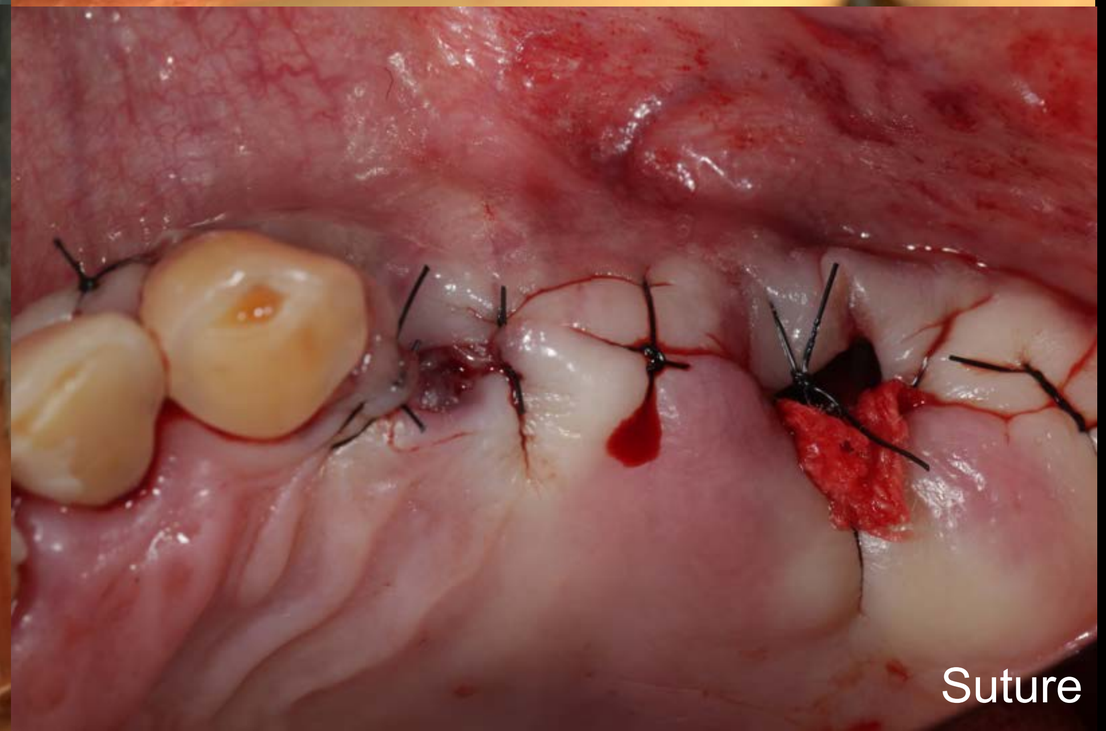


DASK Simple_No.1



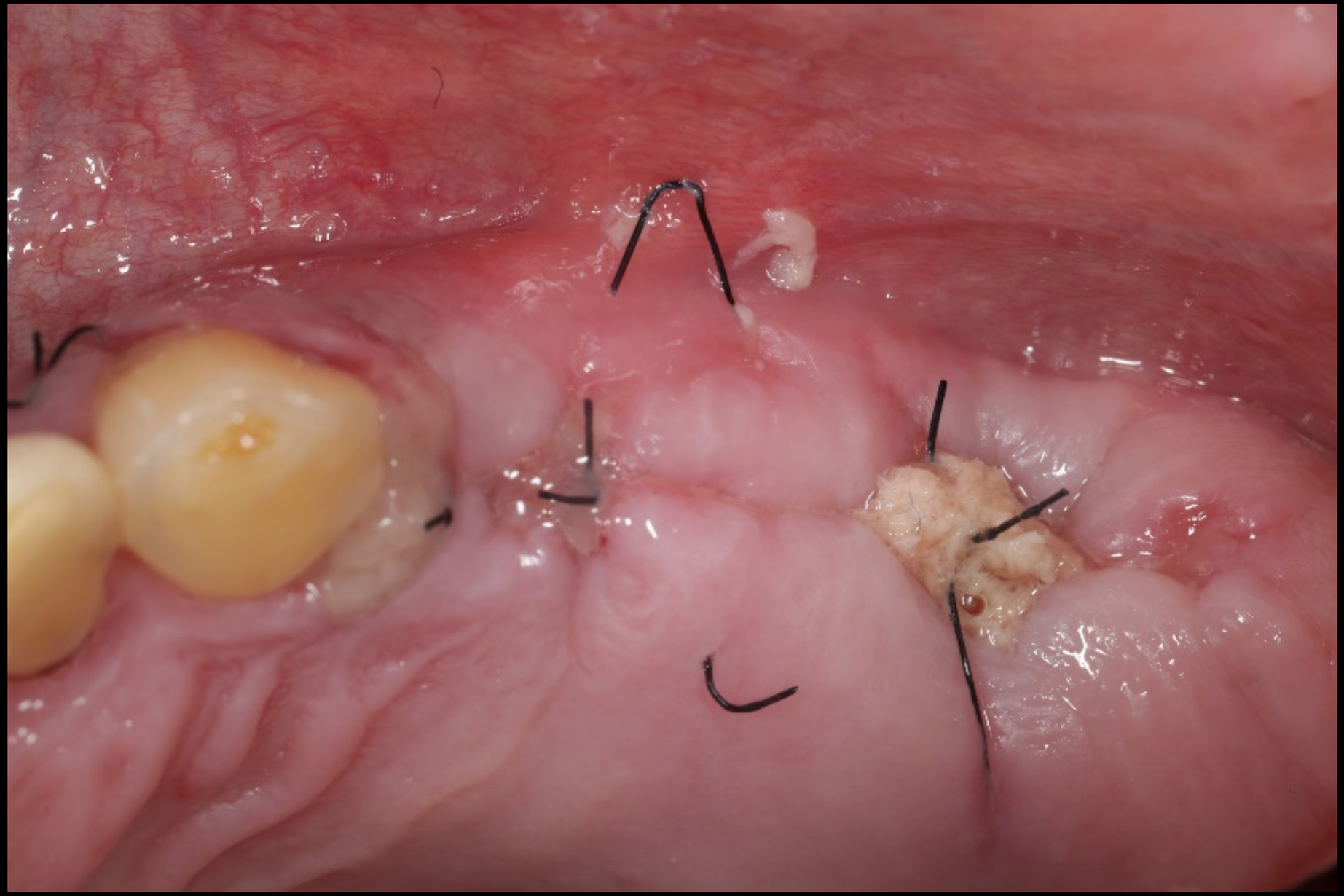


Nu-Guaze

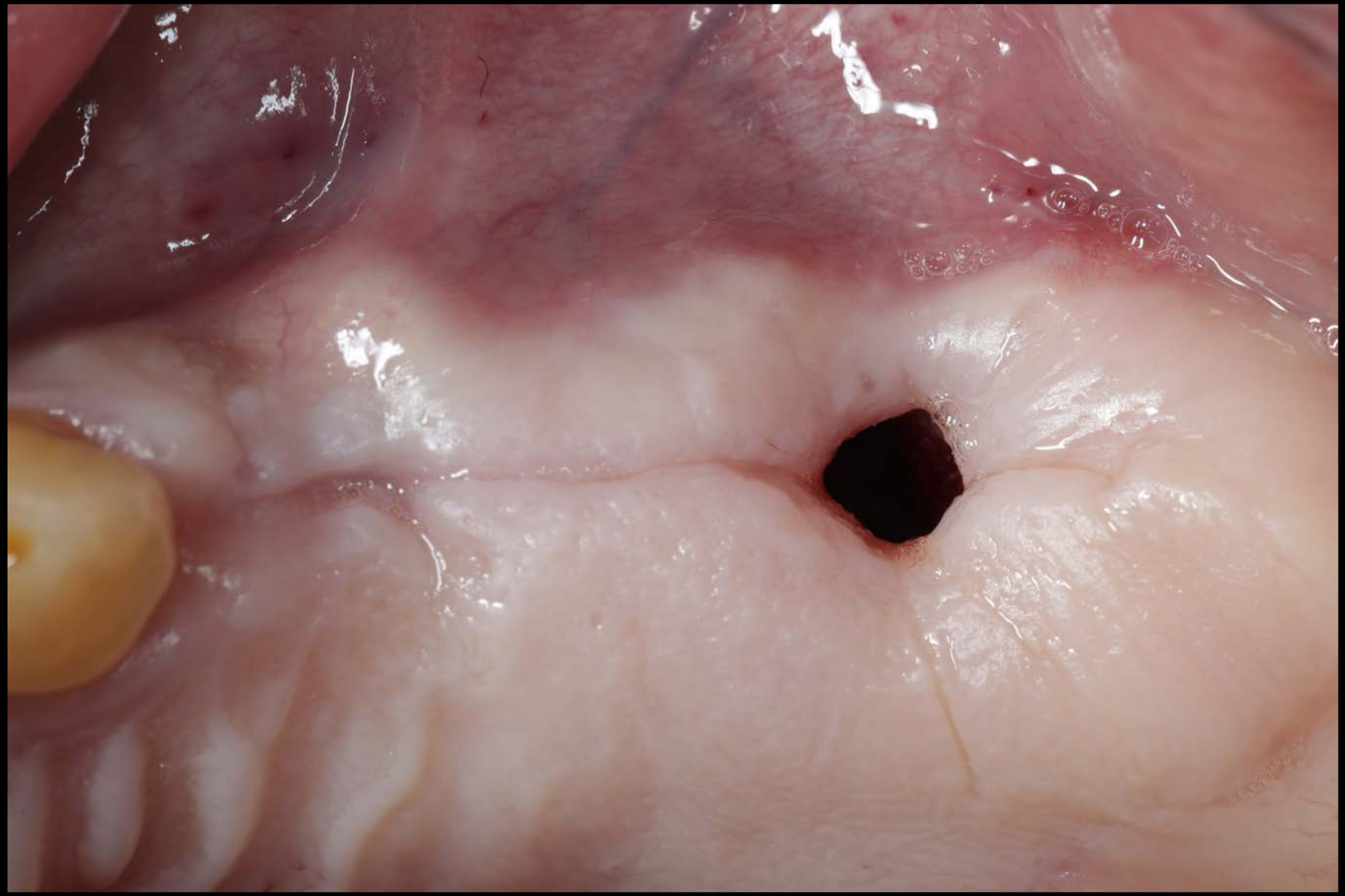


Suture

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

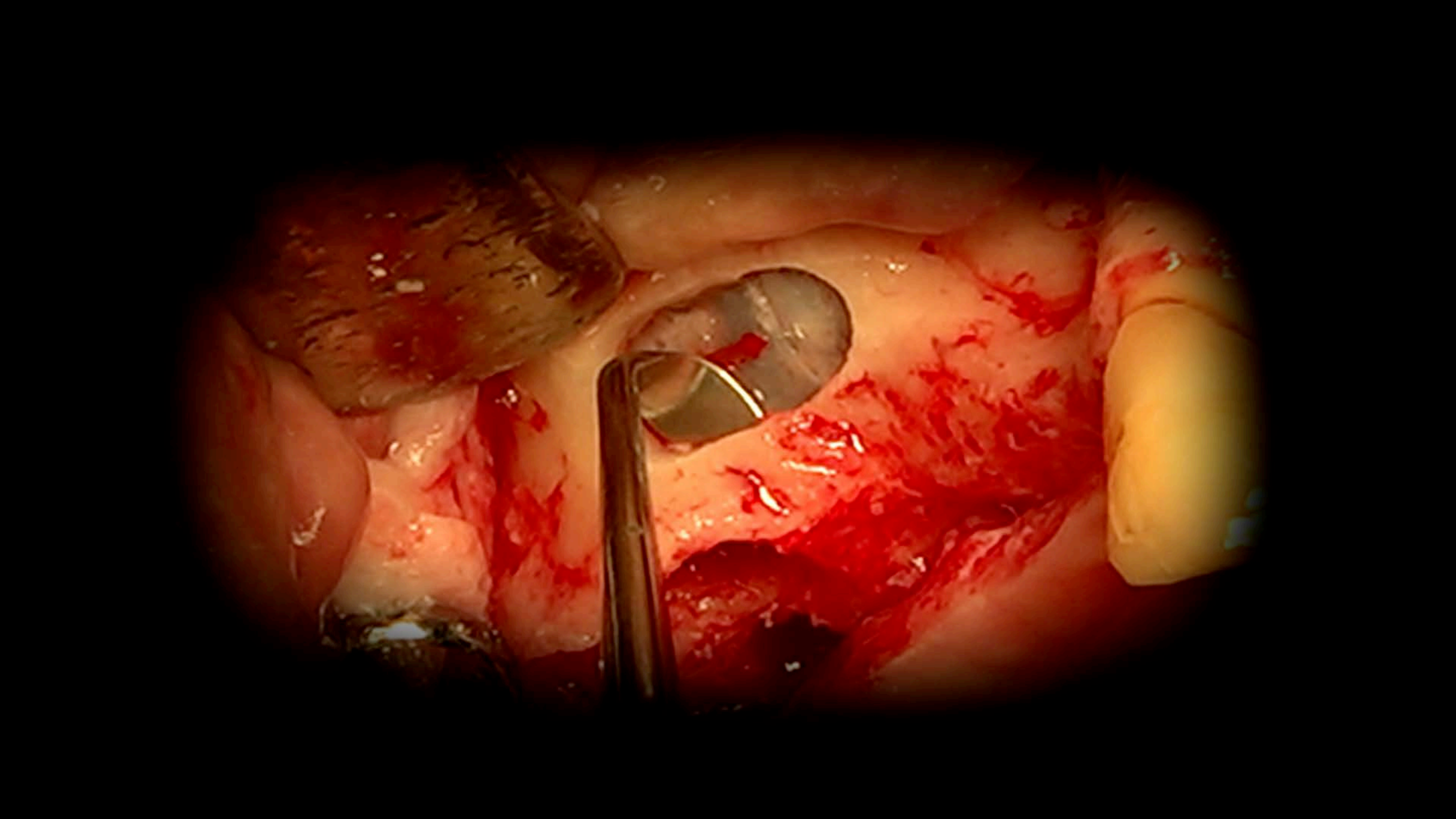


Healing : 1 month after drain (2023-05-04)



Full mouth reconstruction

Part 3. Narrow but Strong Implant for Narrow alveolor ridge

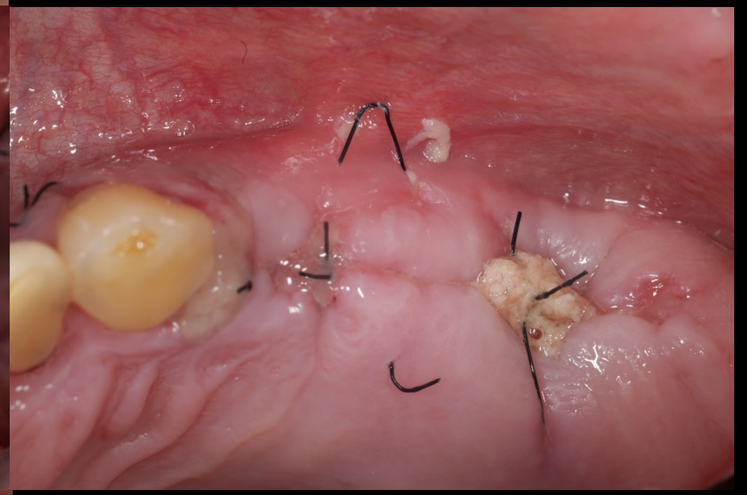


Pre-op (2023-04-17)







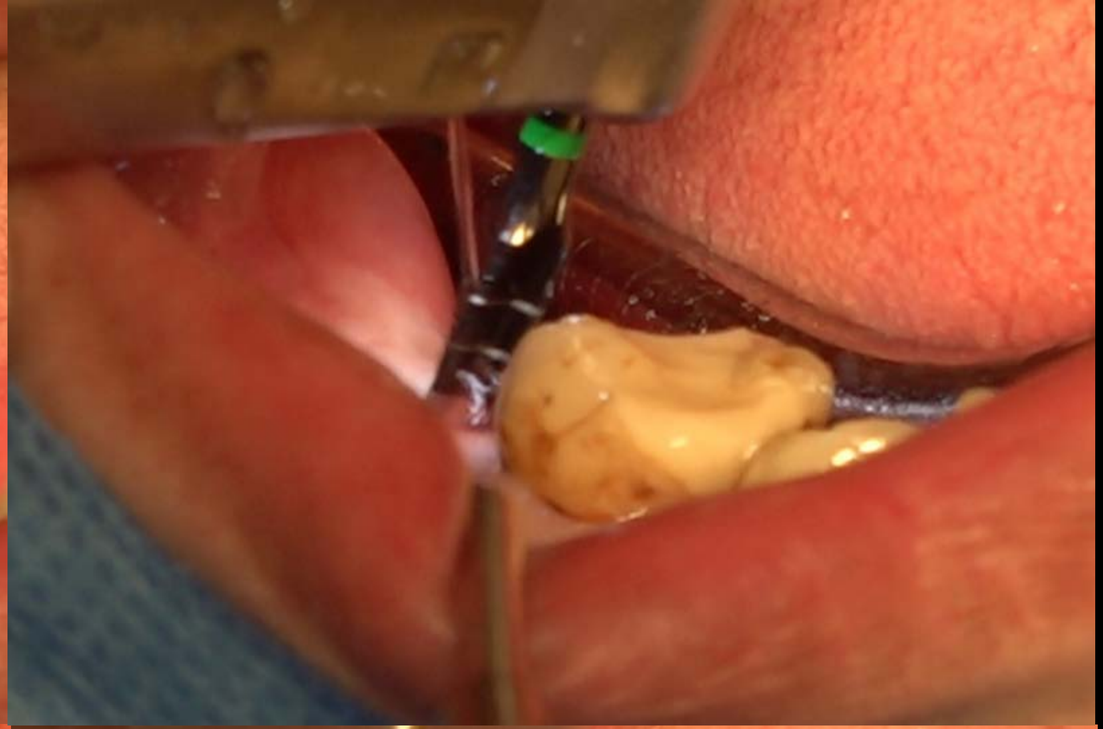




Surgery #47 (2023-04-17)



Guide drill



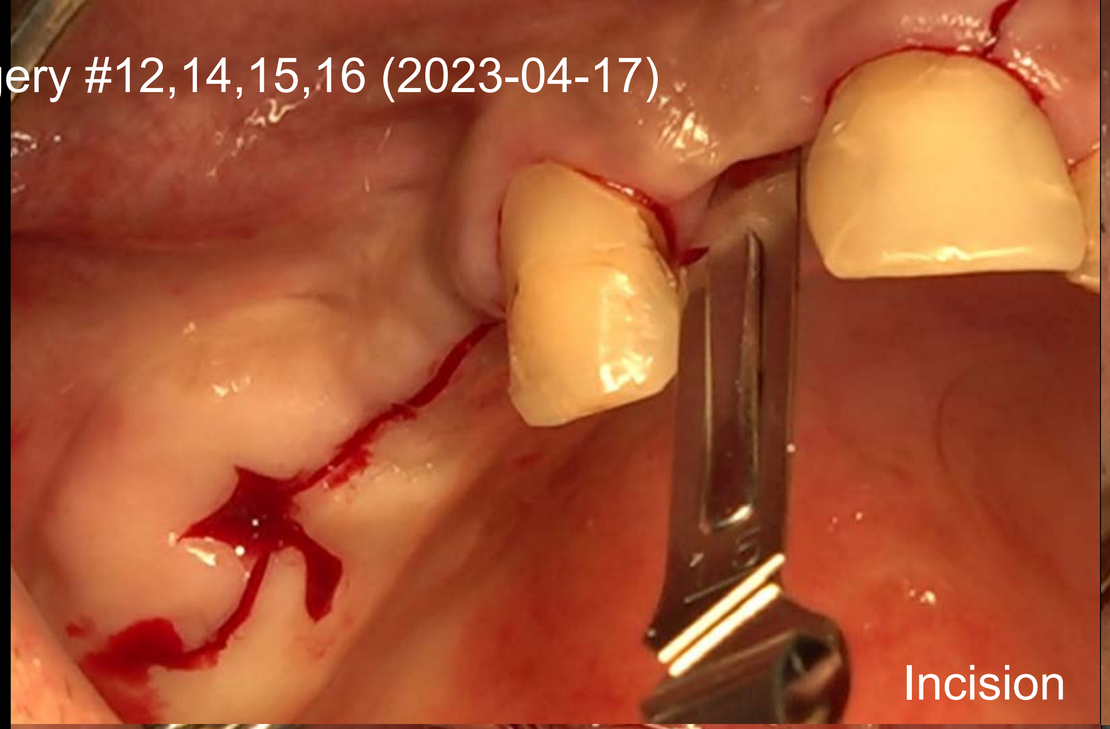


bright TL (Ø4.5 X 7.0)

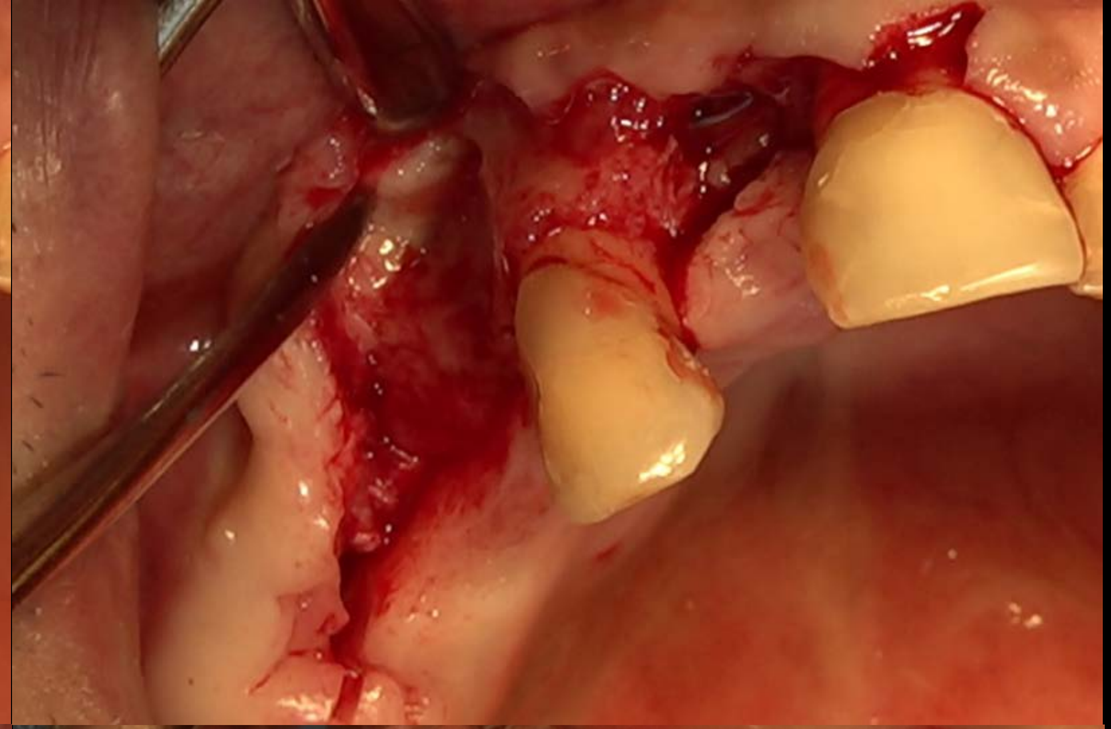


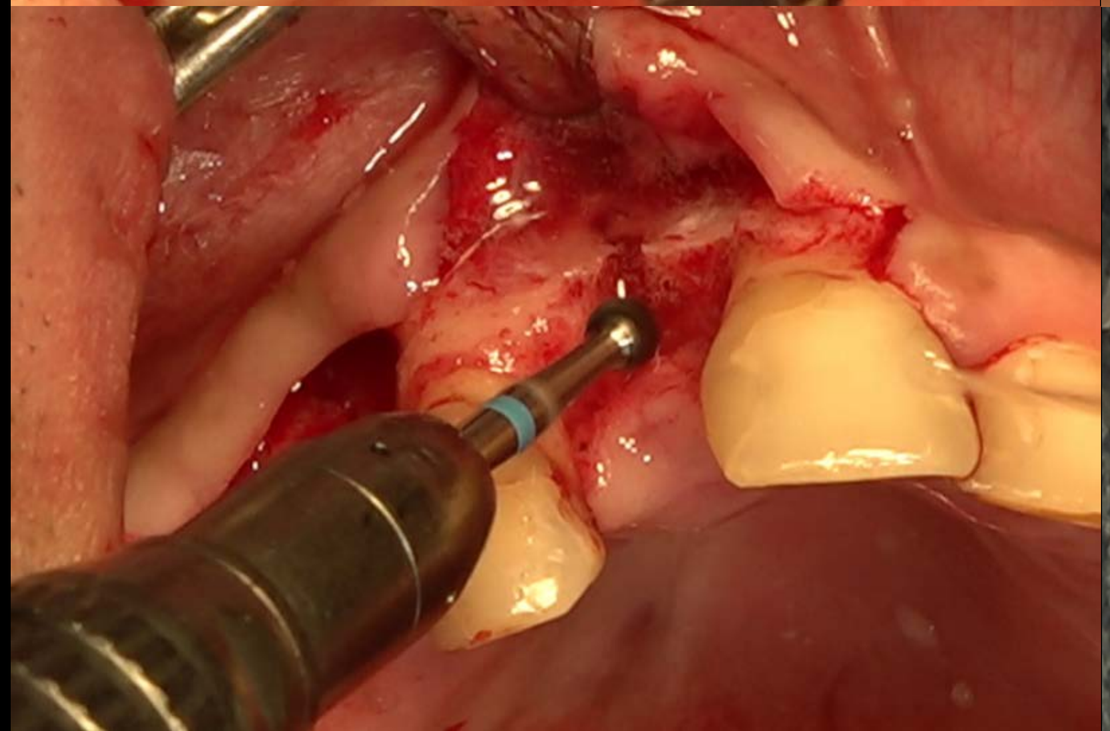
Scan Comfort Cap

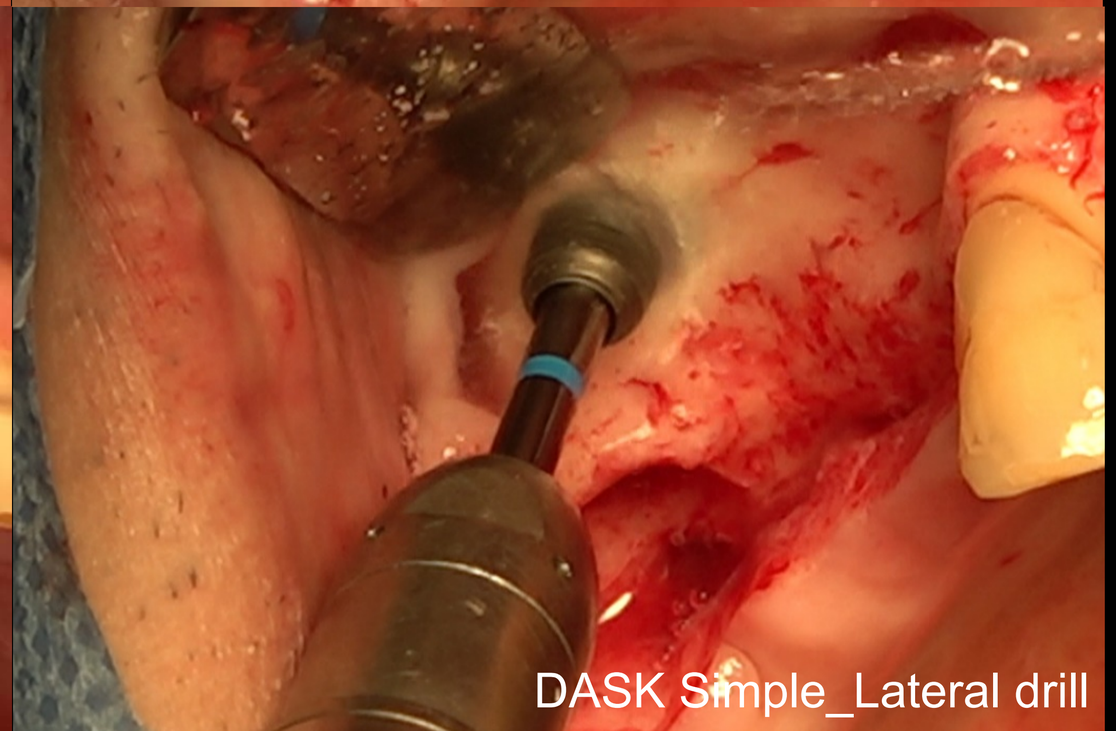
Surgery #12,14,15,16 (2023-04-17)



Incision

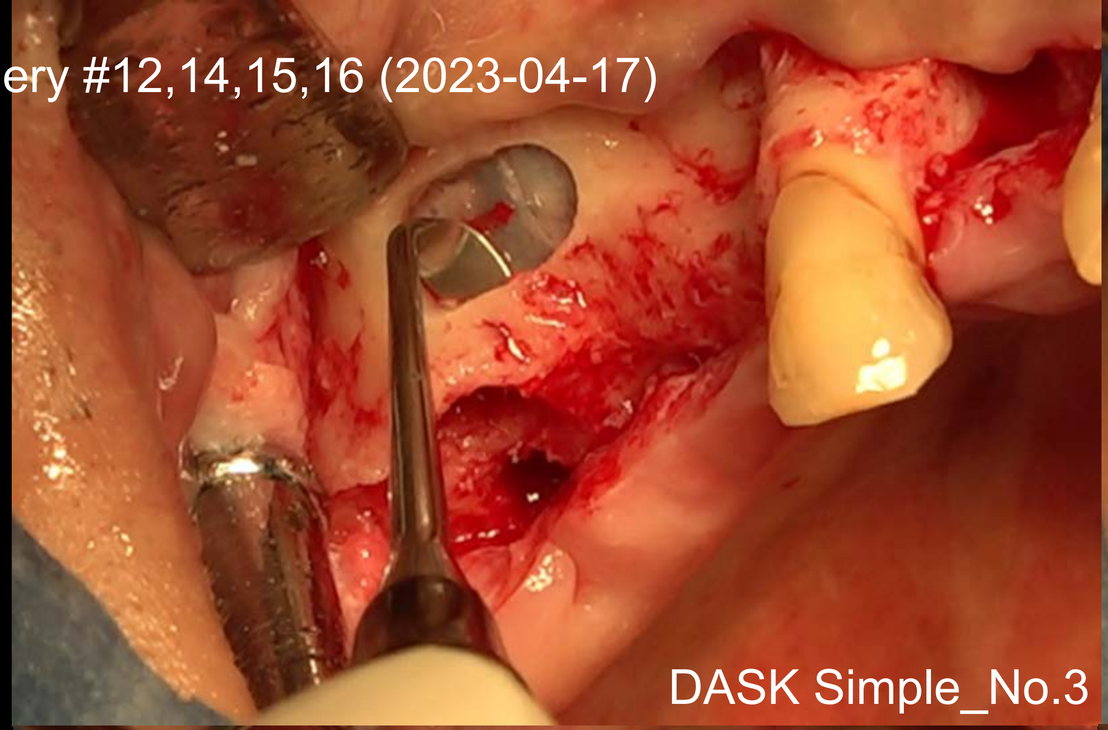




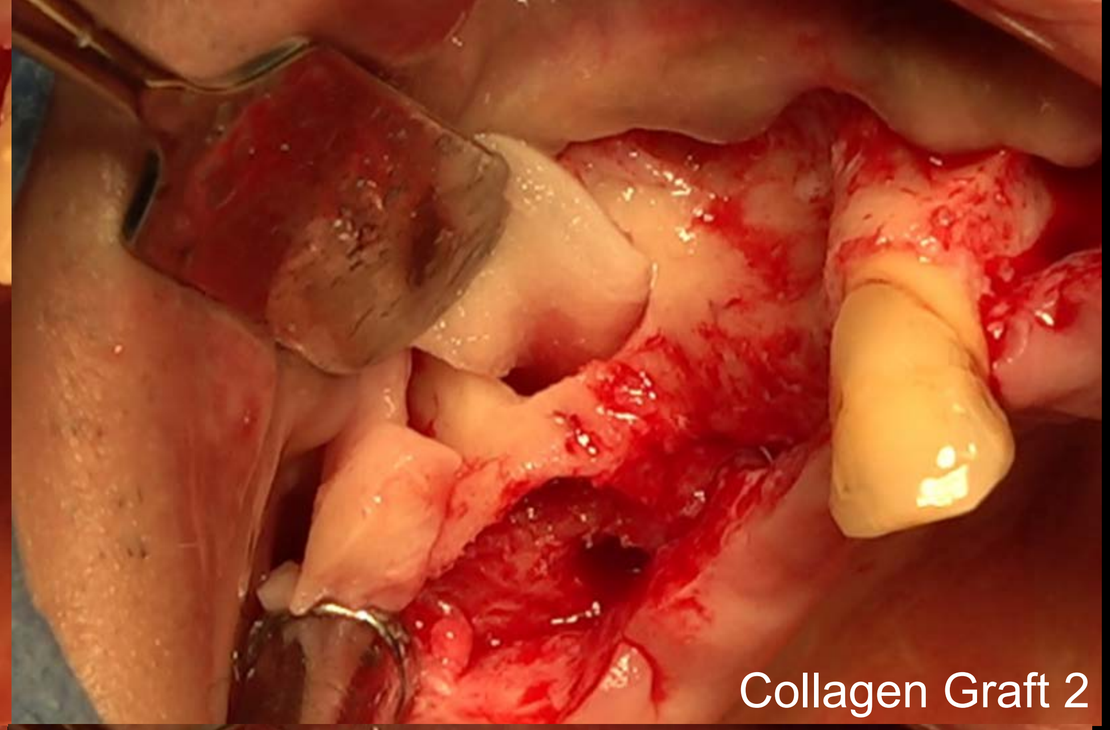


DASK Simple_Lateral drill

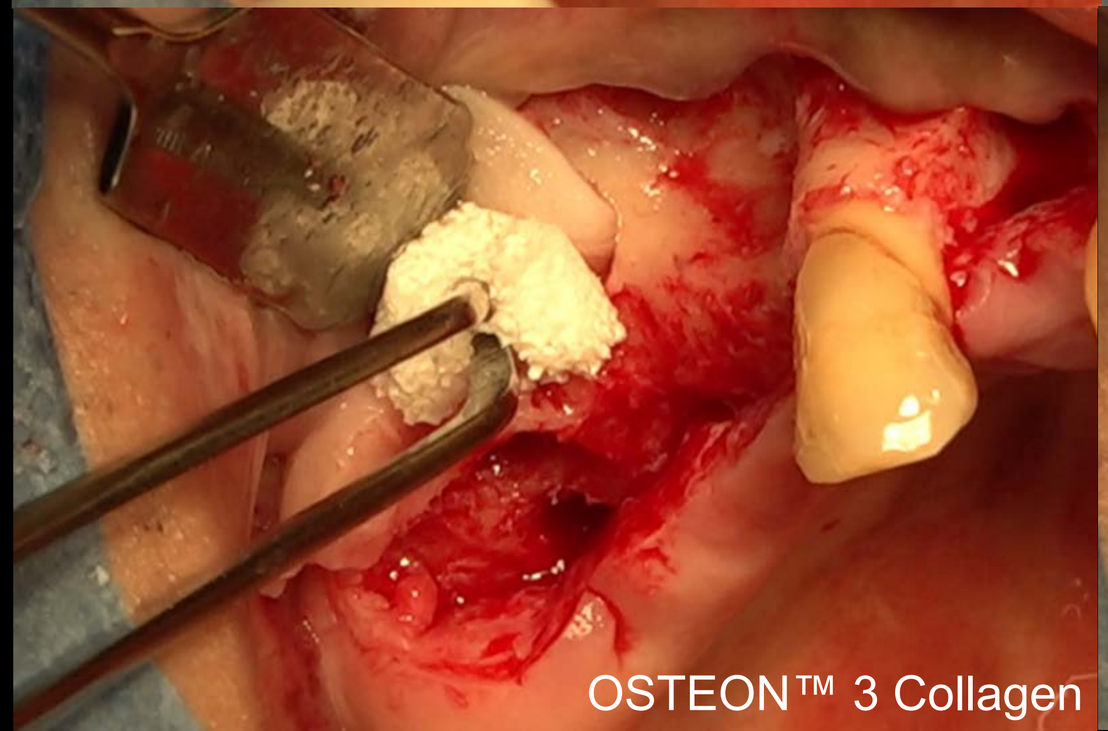
Surgery #12,14,15,16 (2023-04-17)



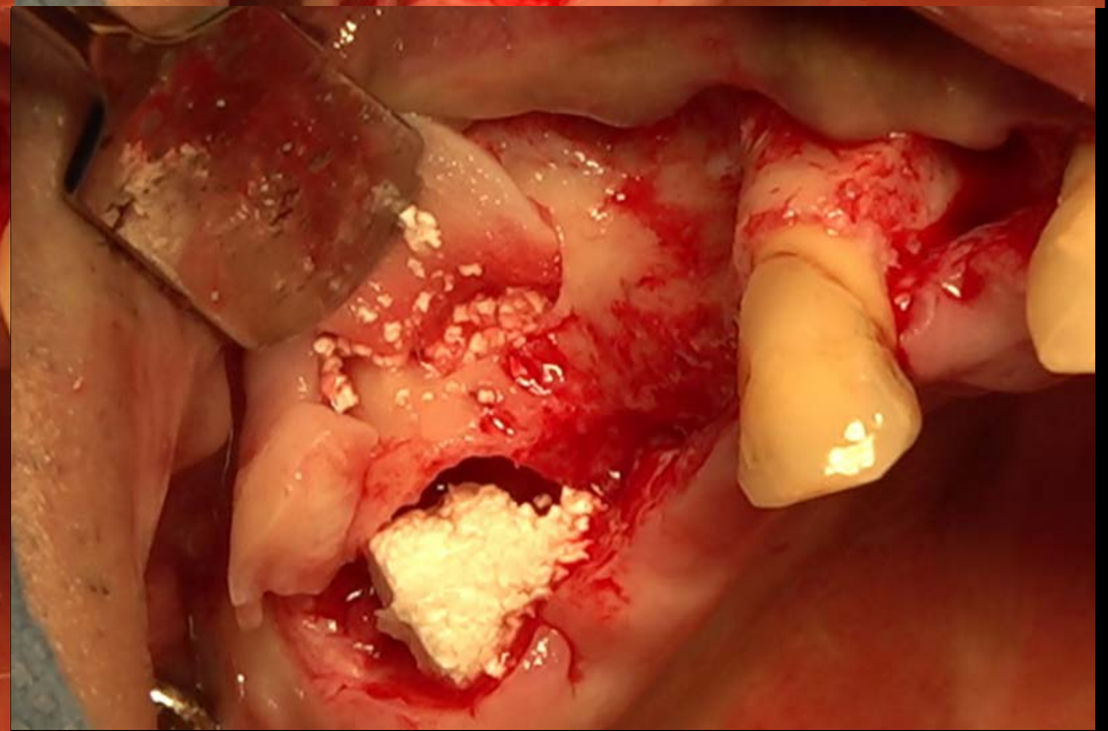
DASK Simple_No.3



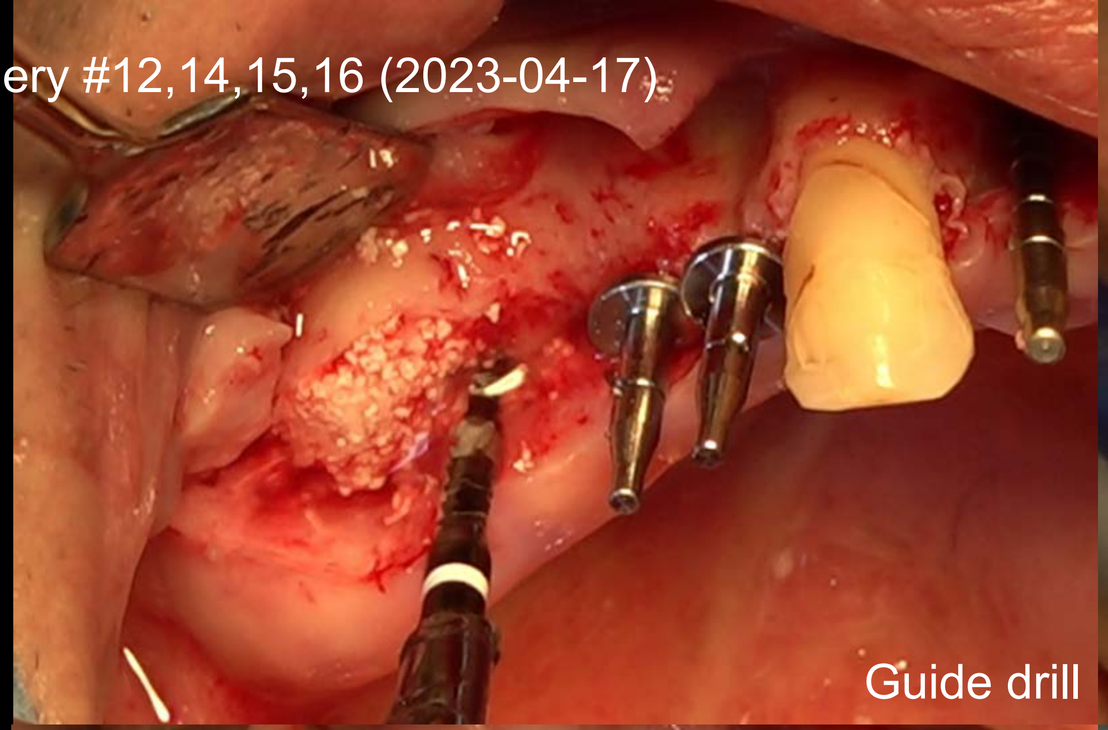
Collagen Graft 2



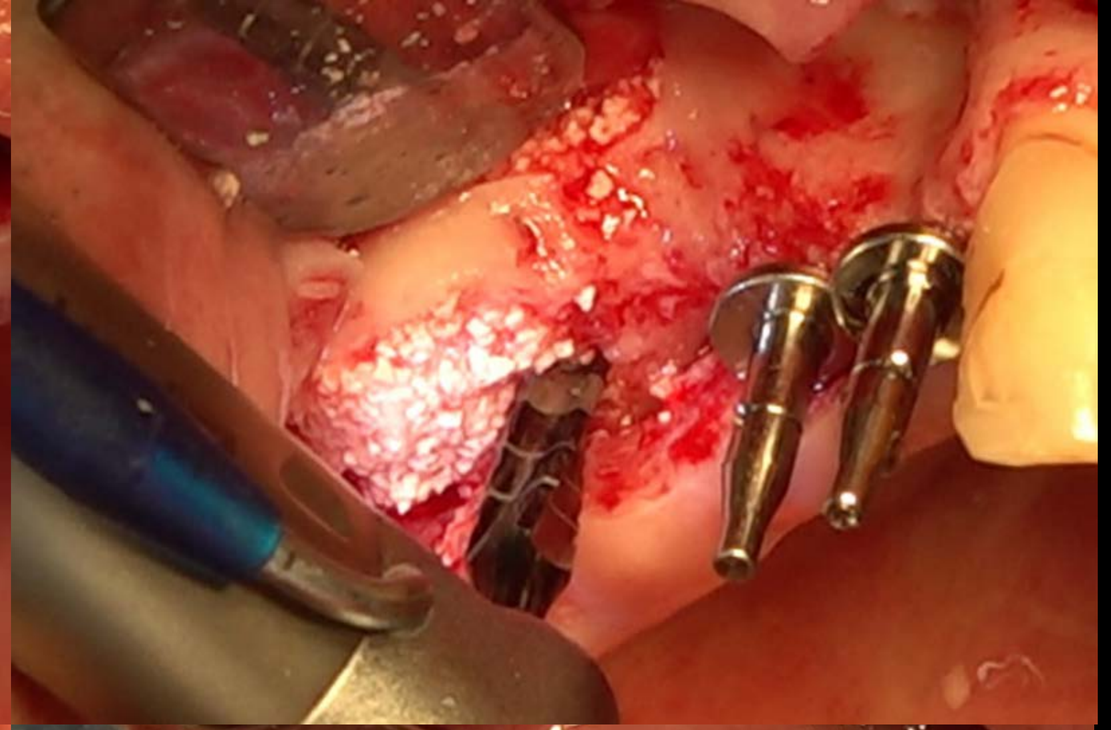
OSTEON™ 3 Collagen

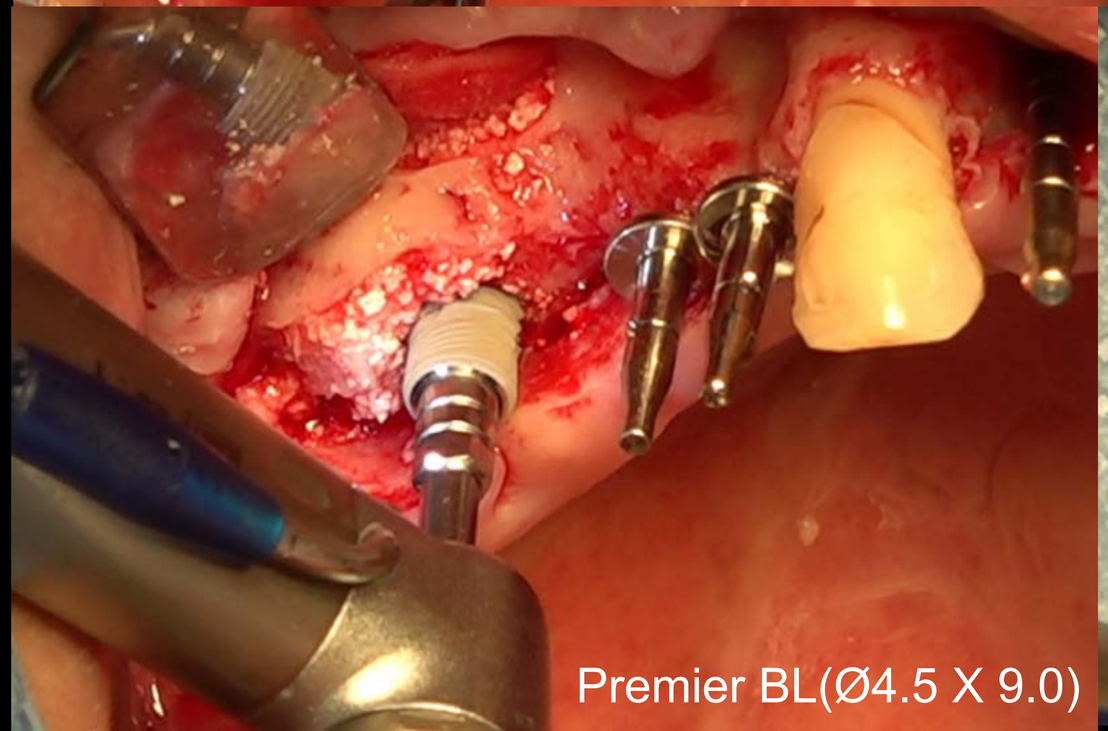


Surgery #12,14,15,16 (2023-04-17)

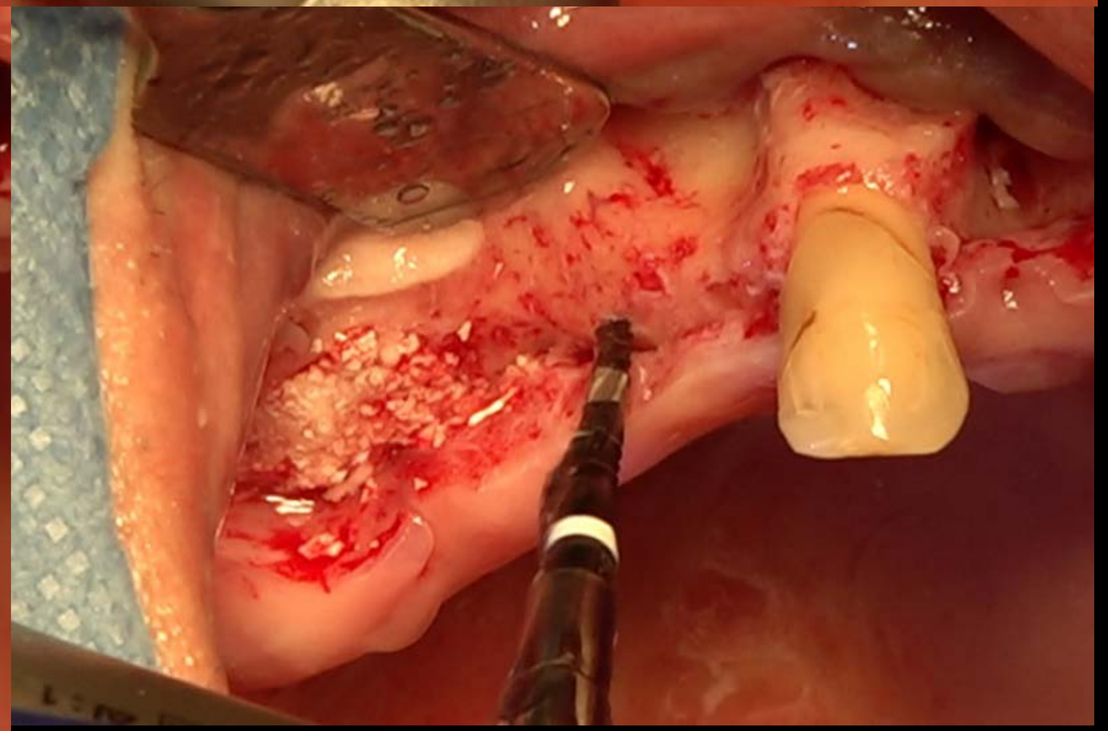


Guide drill

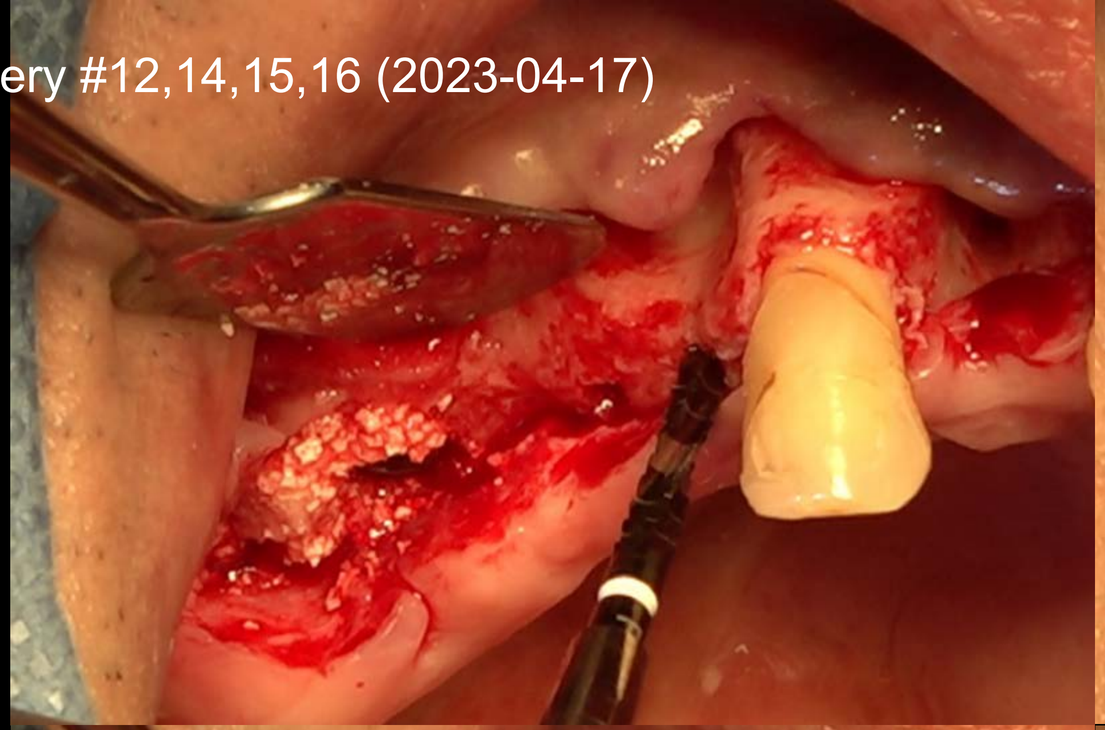


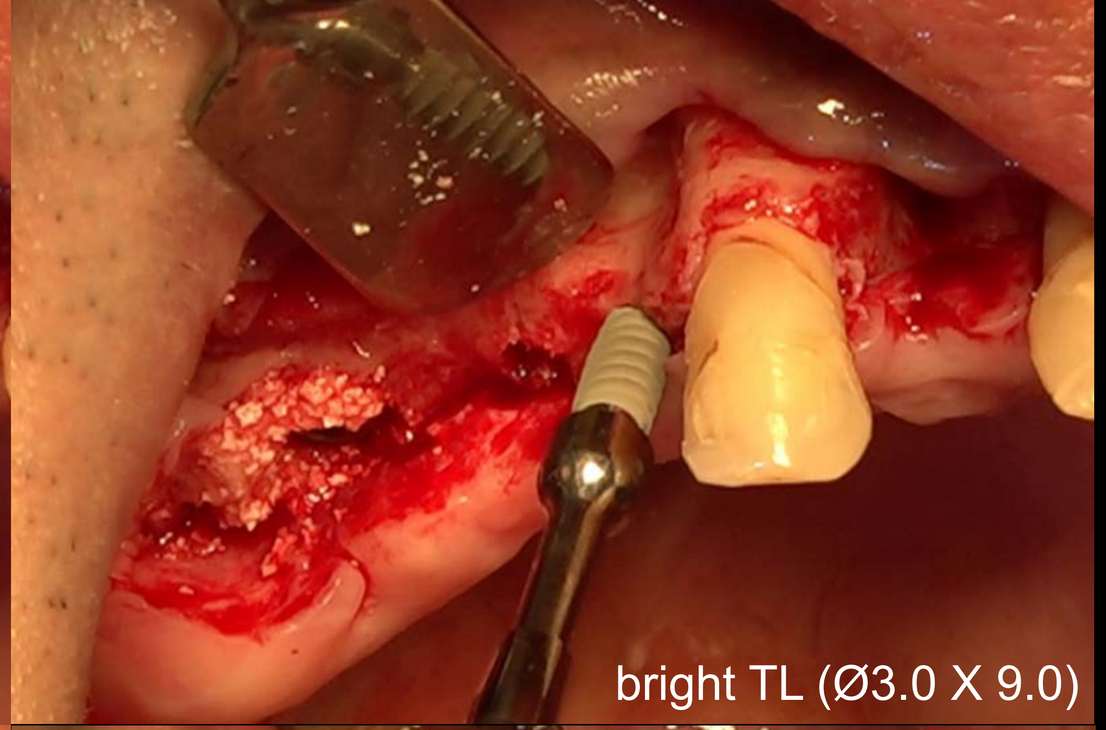


Premier BL(Ø4.5 X 9.0)

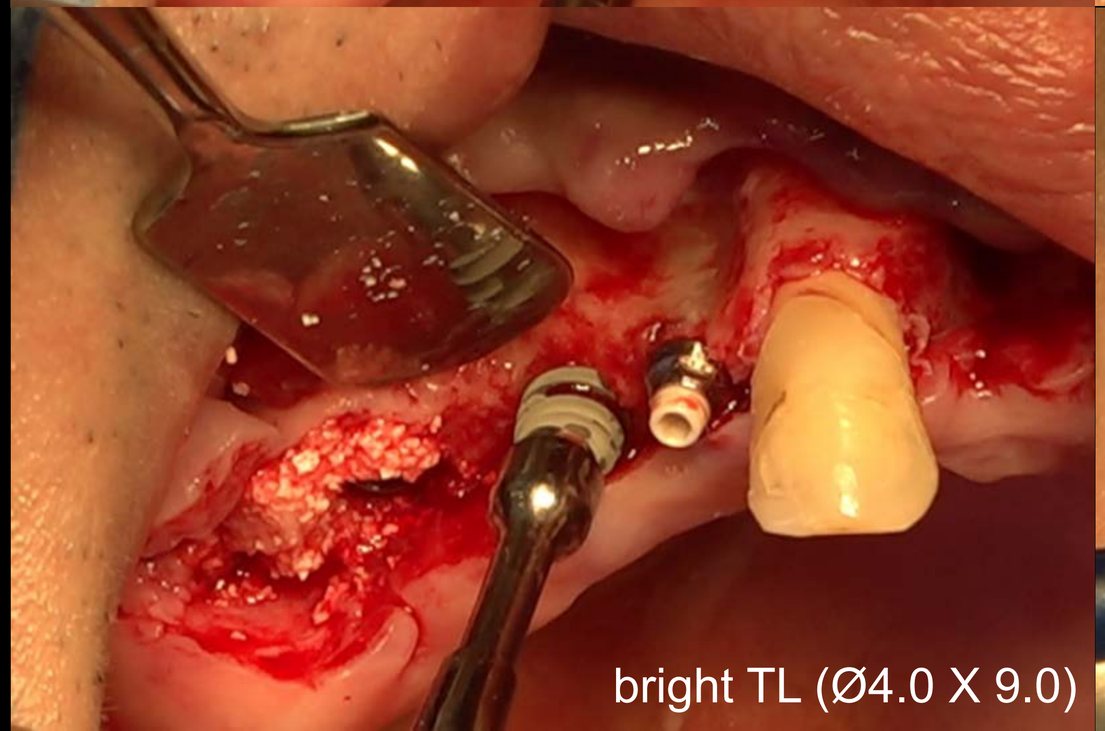


Surgery #12,14,15,16 (2023-04-17)

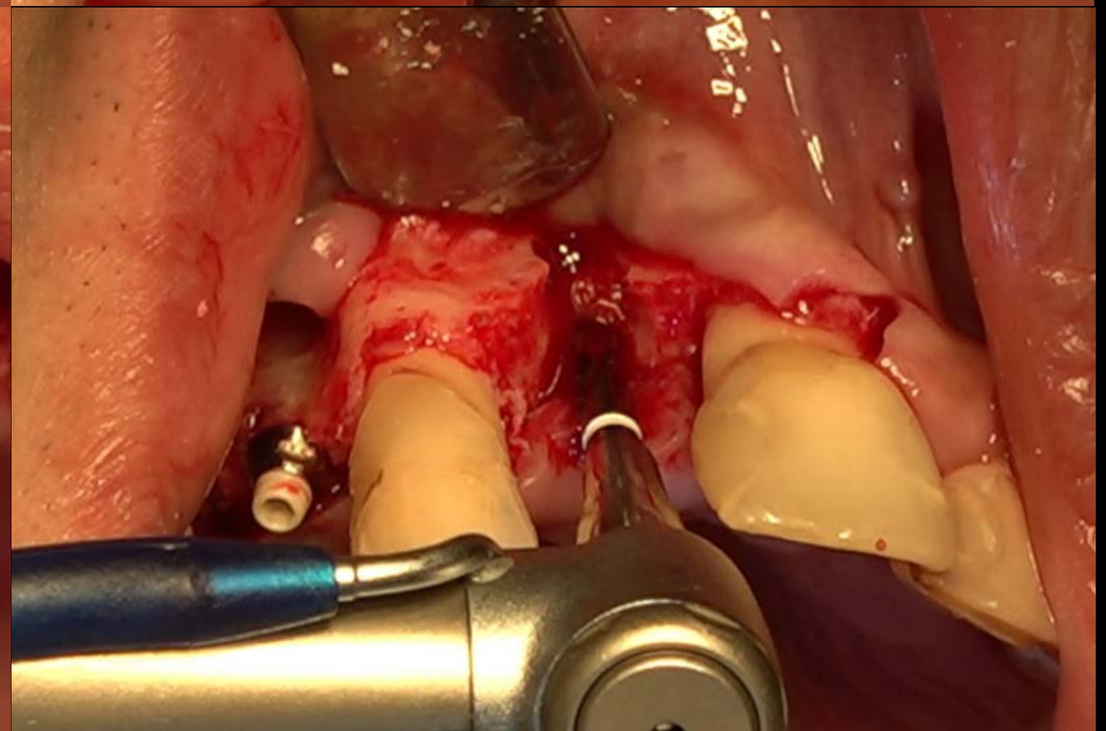




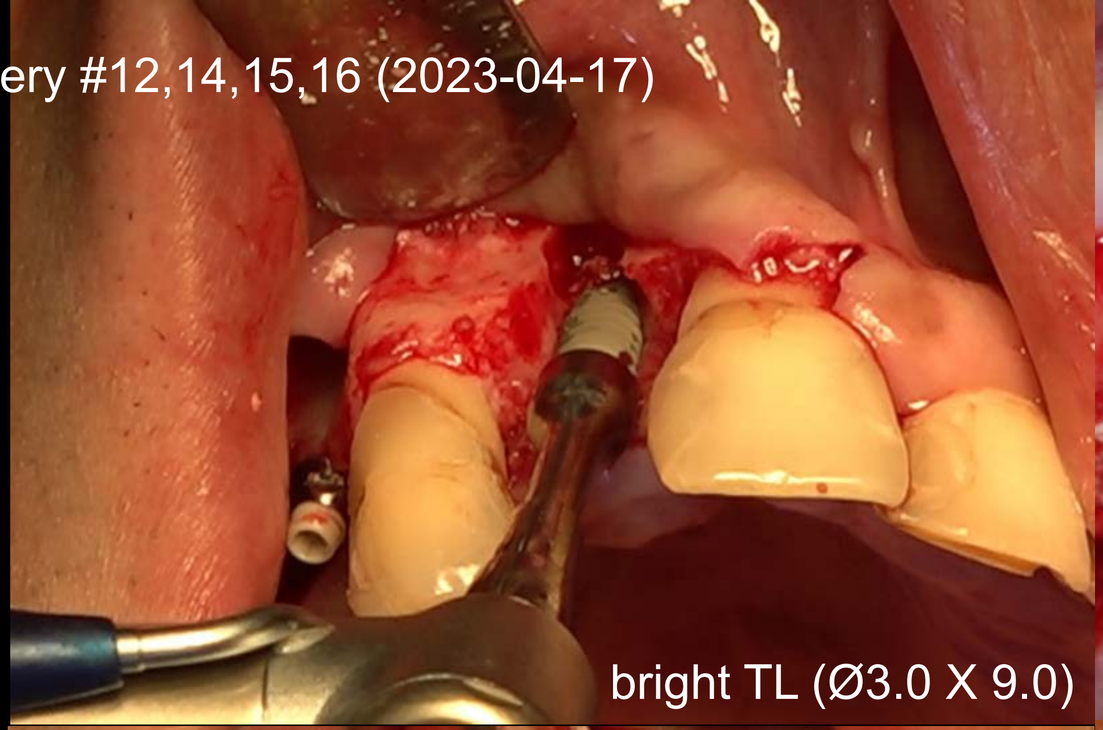
bright TL (Ø3.0 X 9.0)



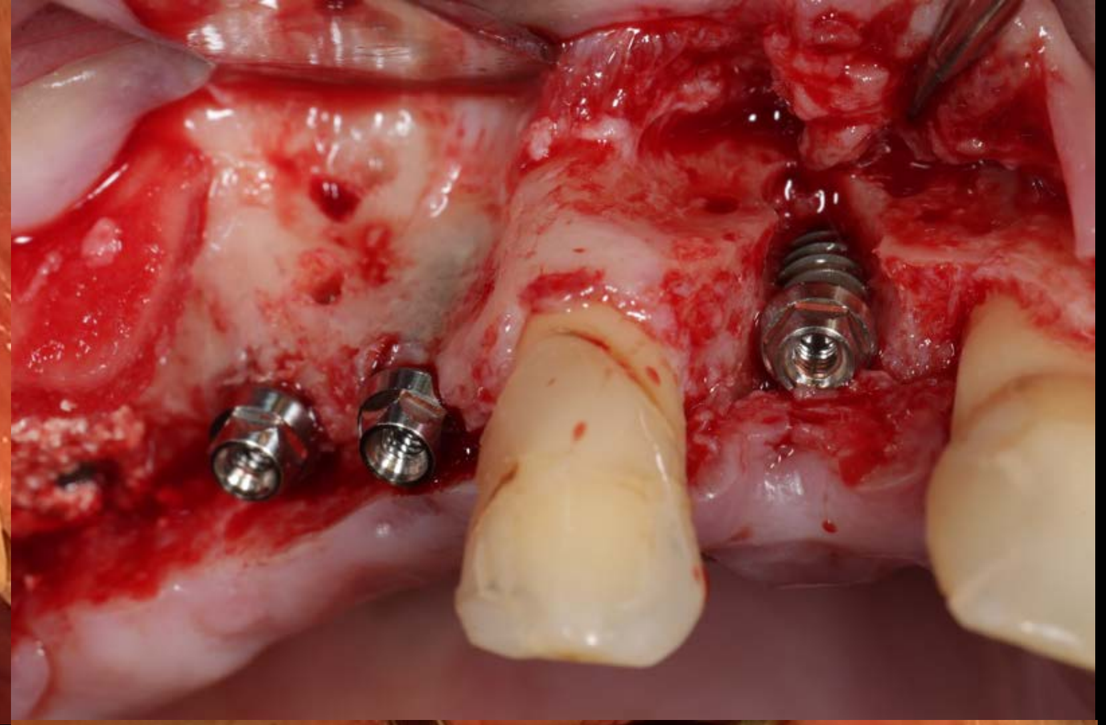
bright TL (Ø4.0 X 9.0)

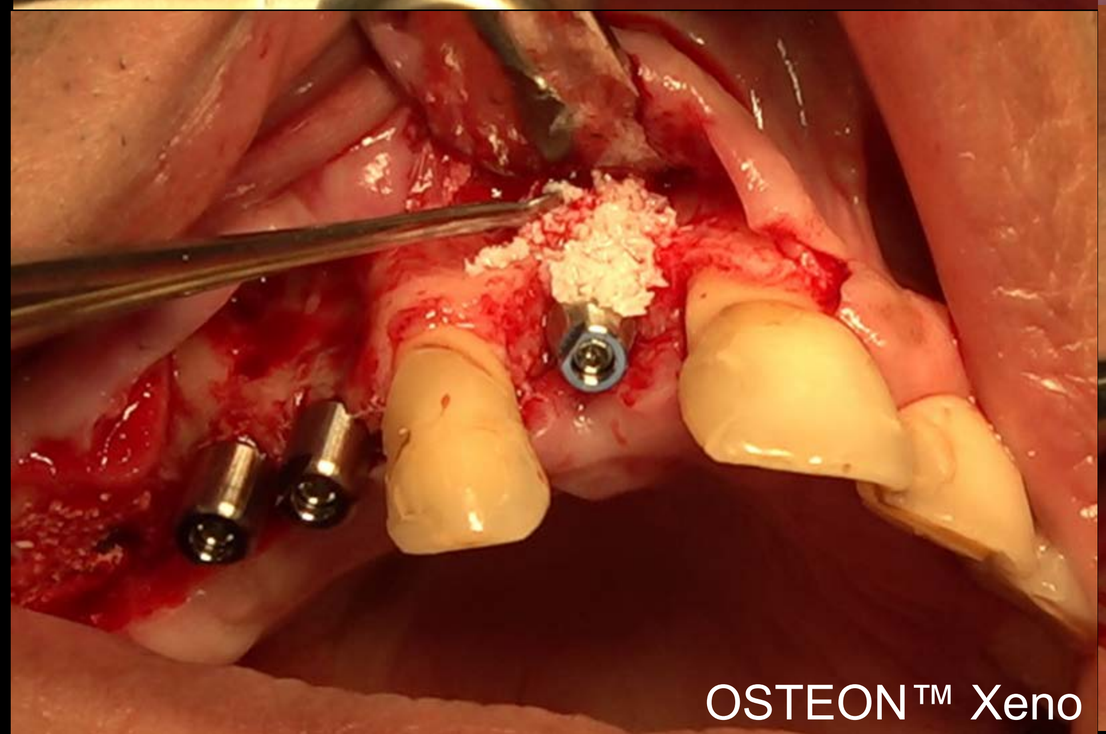


Surgery #12,14,15,16 (2023-04-17)

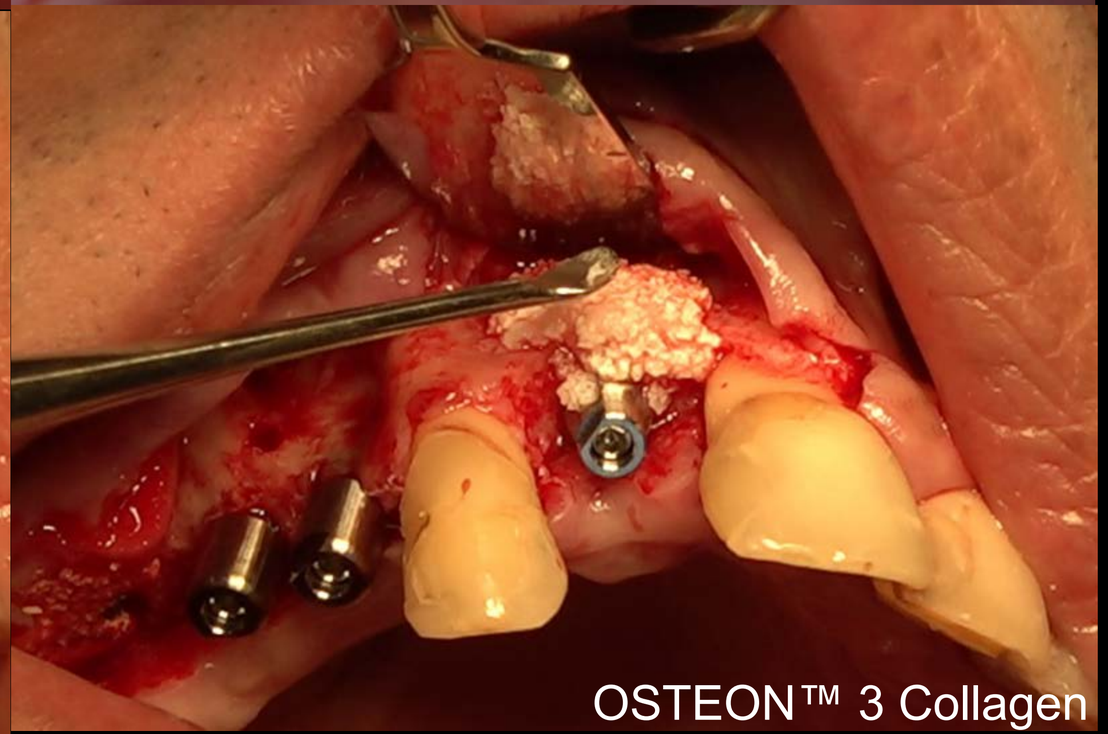


bright TL (Ø3.0 X 9.0)



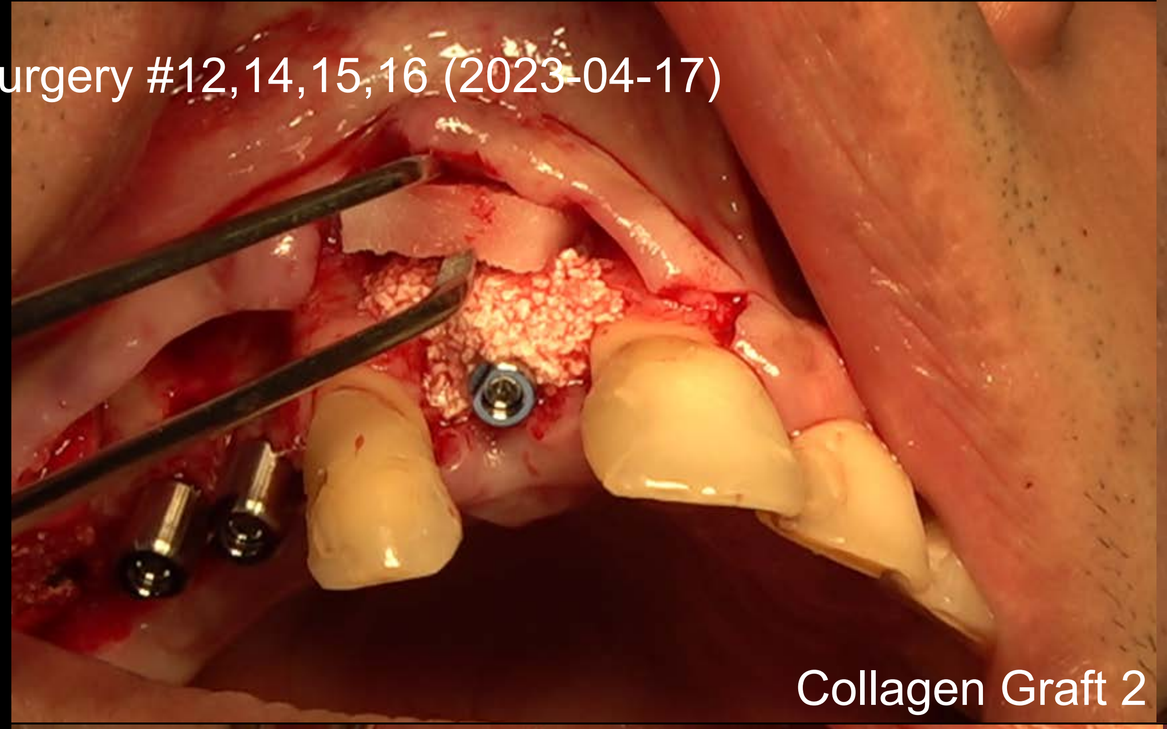


OSTEON™ Xeno

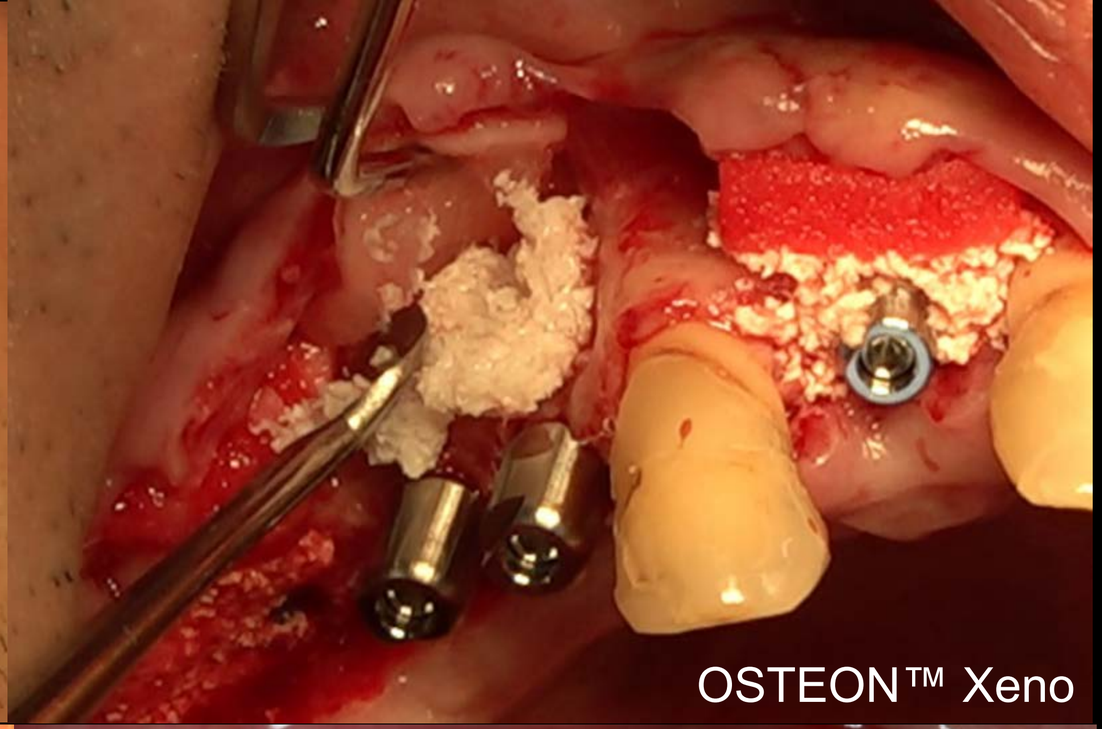


OSTEON™ 3 Collagen

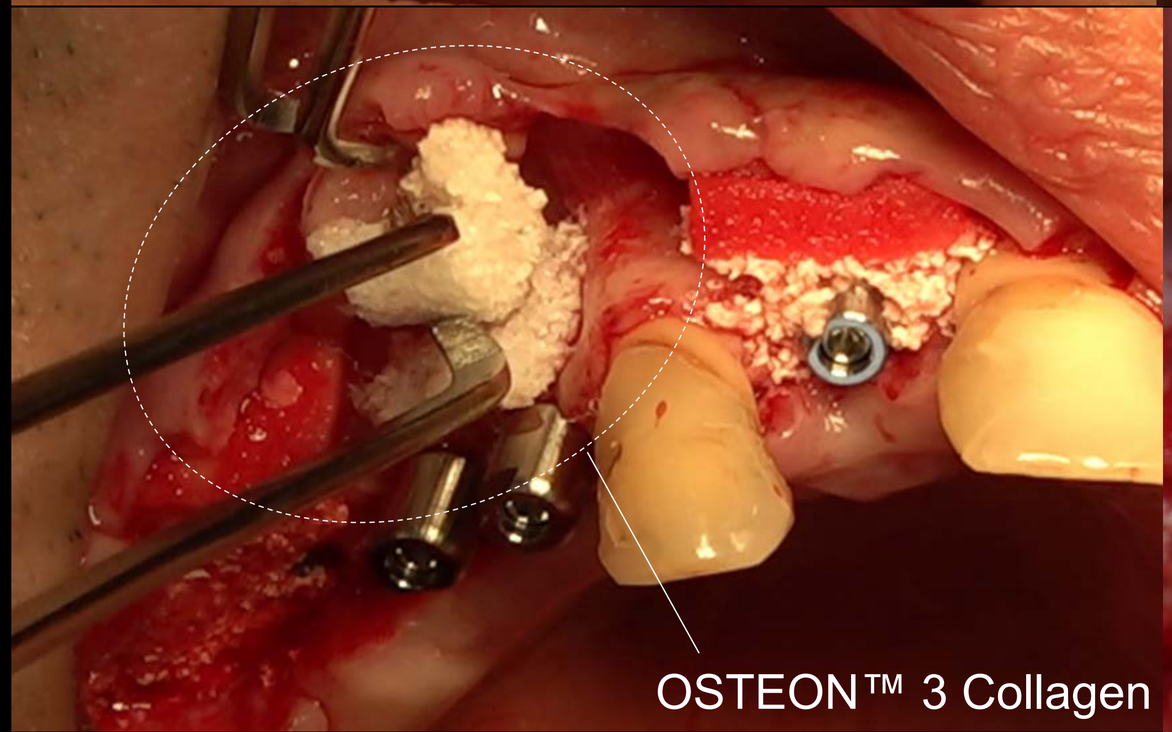
Surgery #12,14,15,16 (2023-04-17)



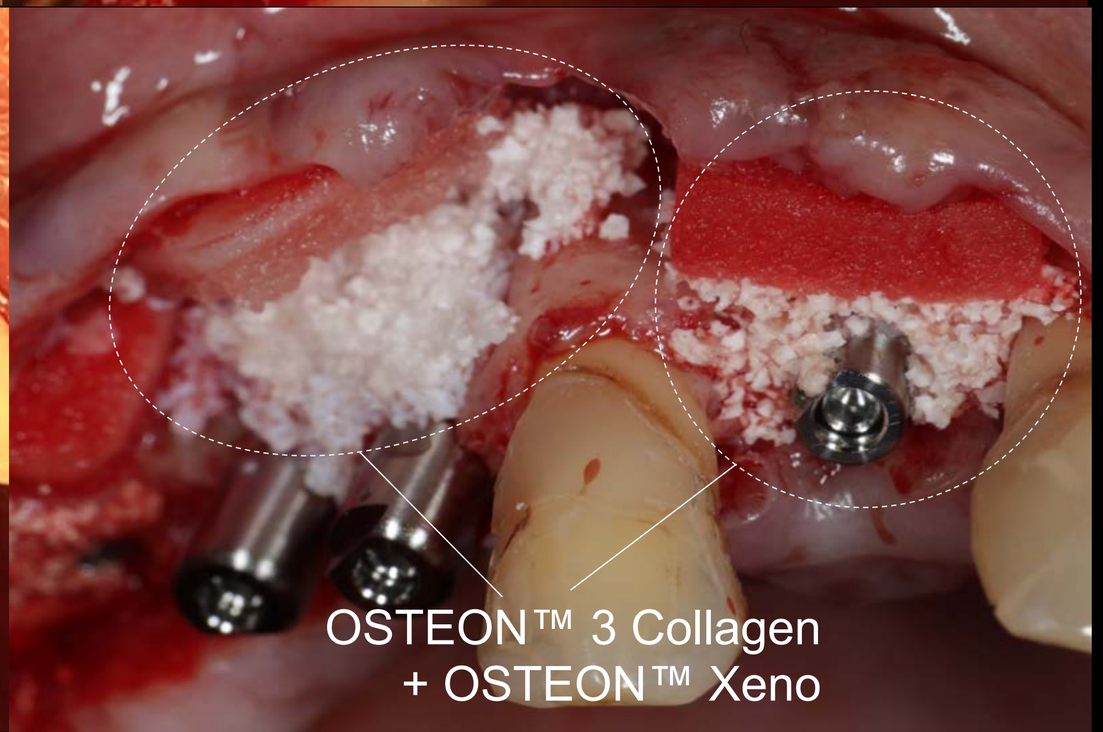
Collagen Graft 2



OSTEON™ Xeno

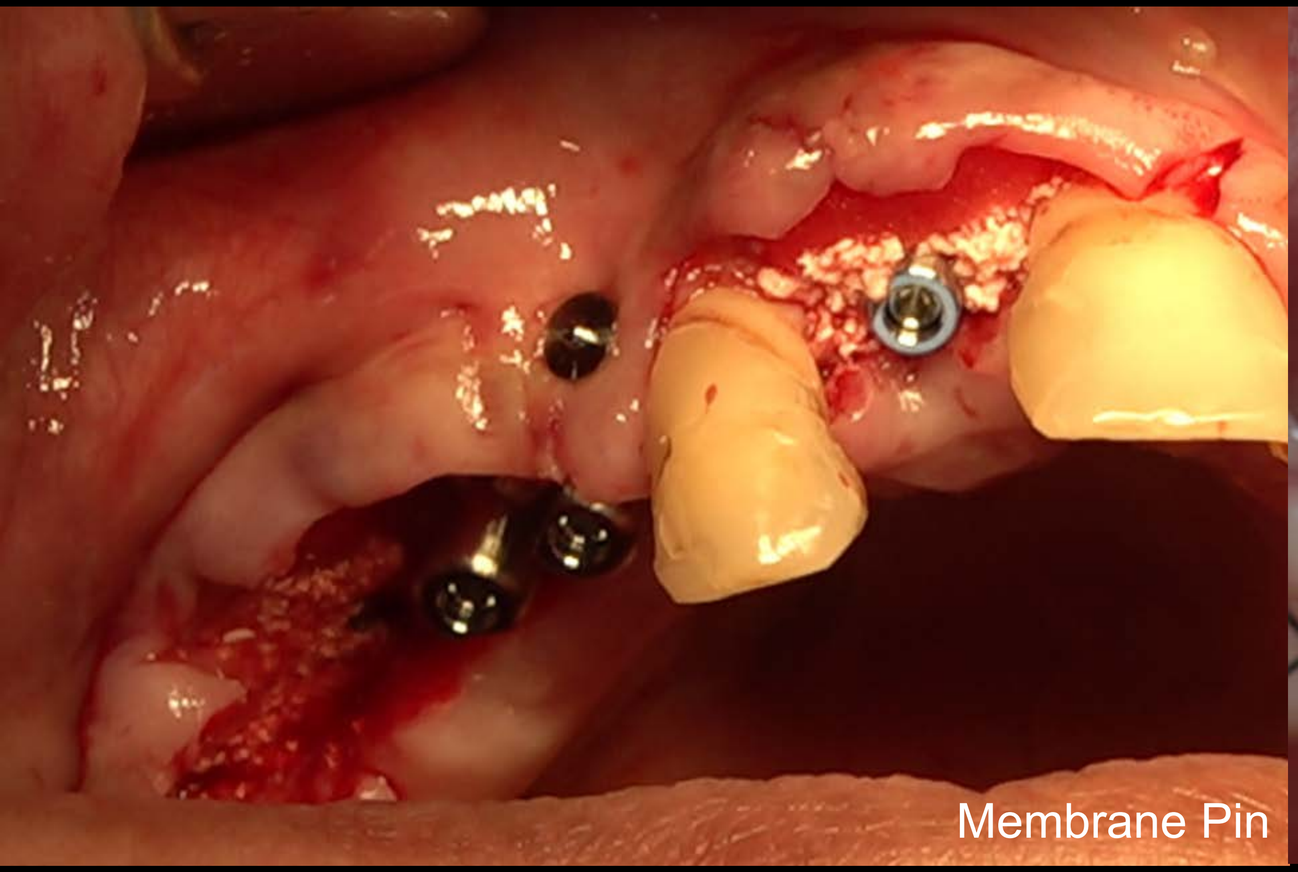


OSTEON™ 3 Collagen



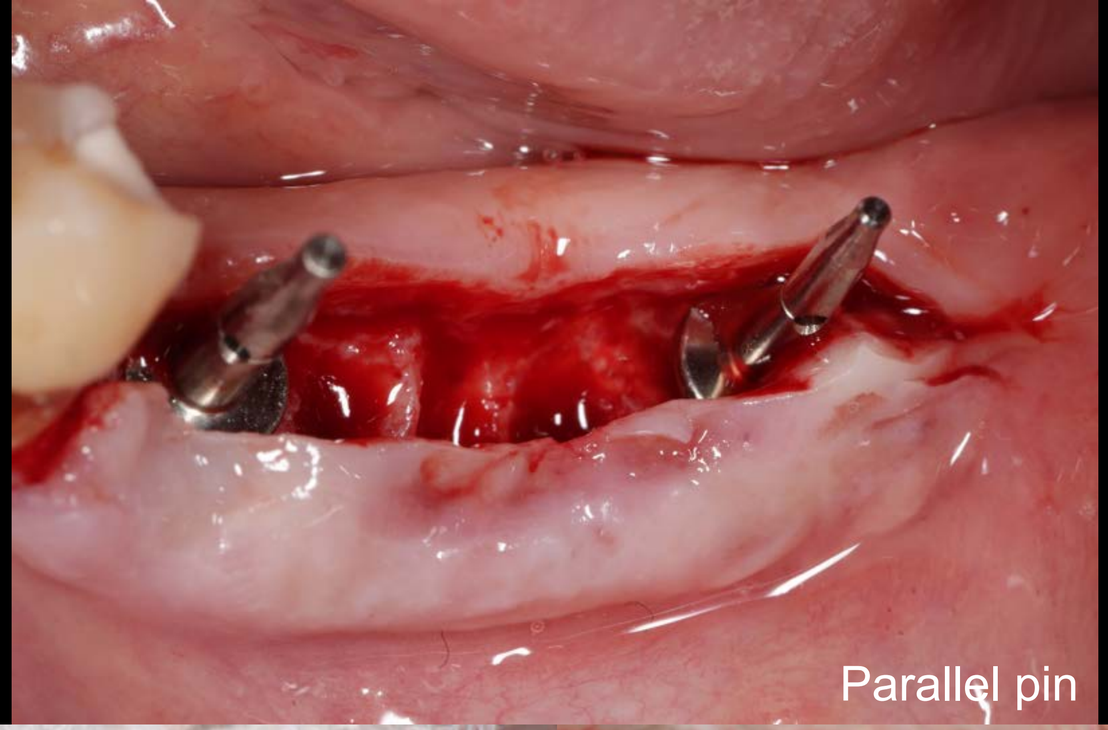
OSTEON™ 3 Collagen
+ OSTEON™ Xeno

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

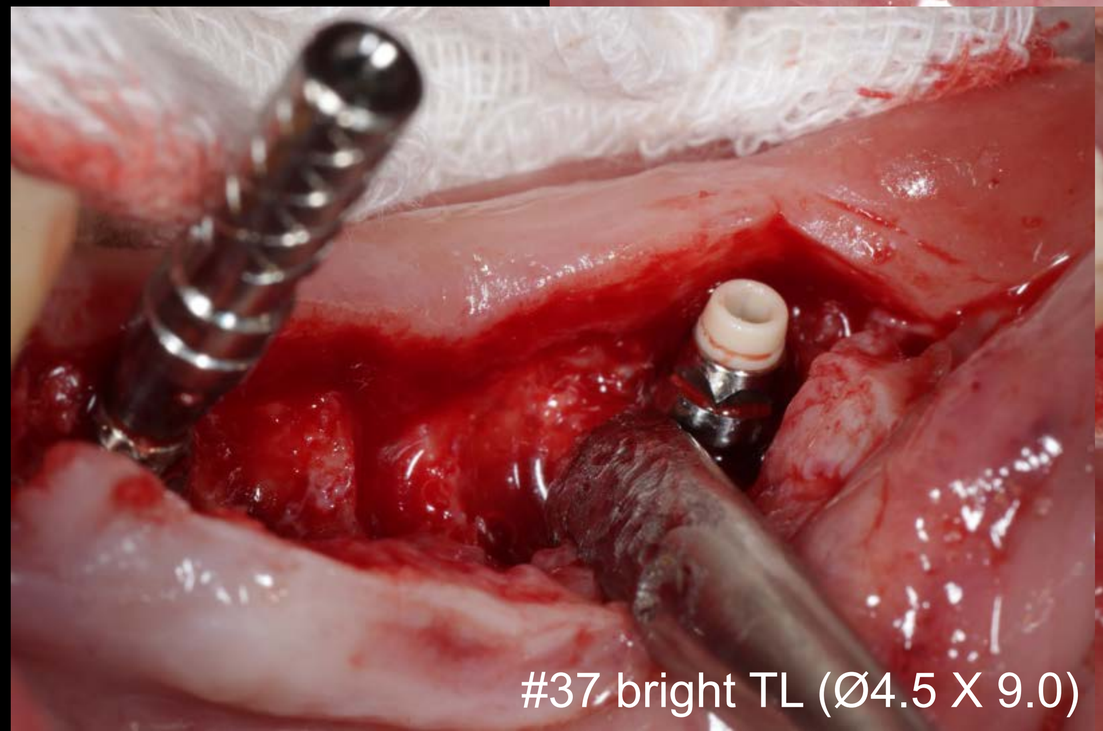

Membrane Pin


Suture

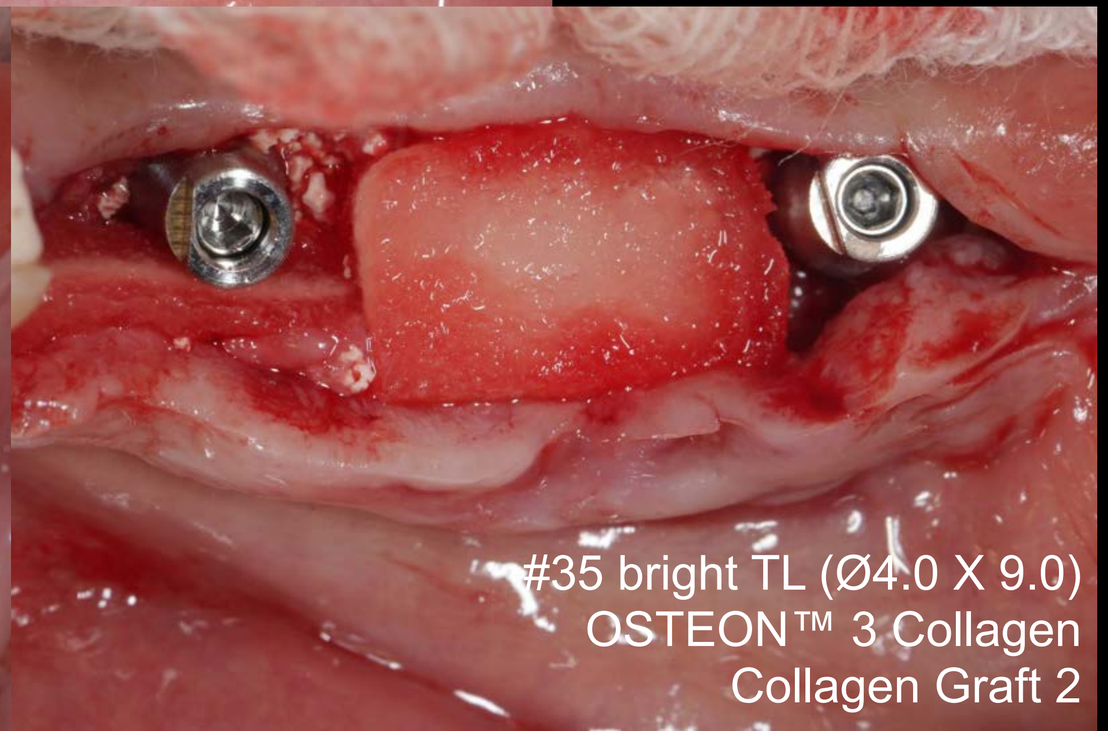
Surgery #35,37 (2023-04-19)



Parallel pin



#37 bright TL (Ø4.5 X 9.0)



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

Mandibular DBS (2023-04-20)





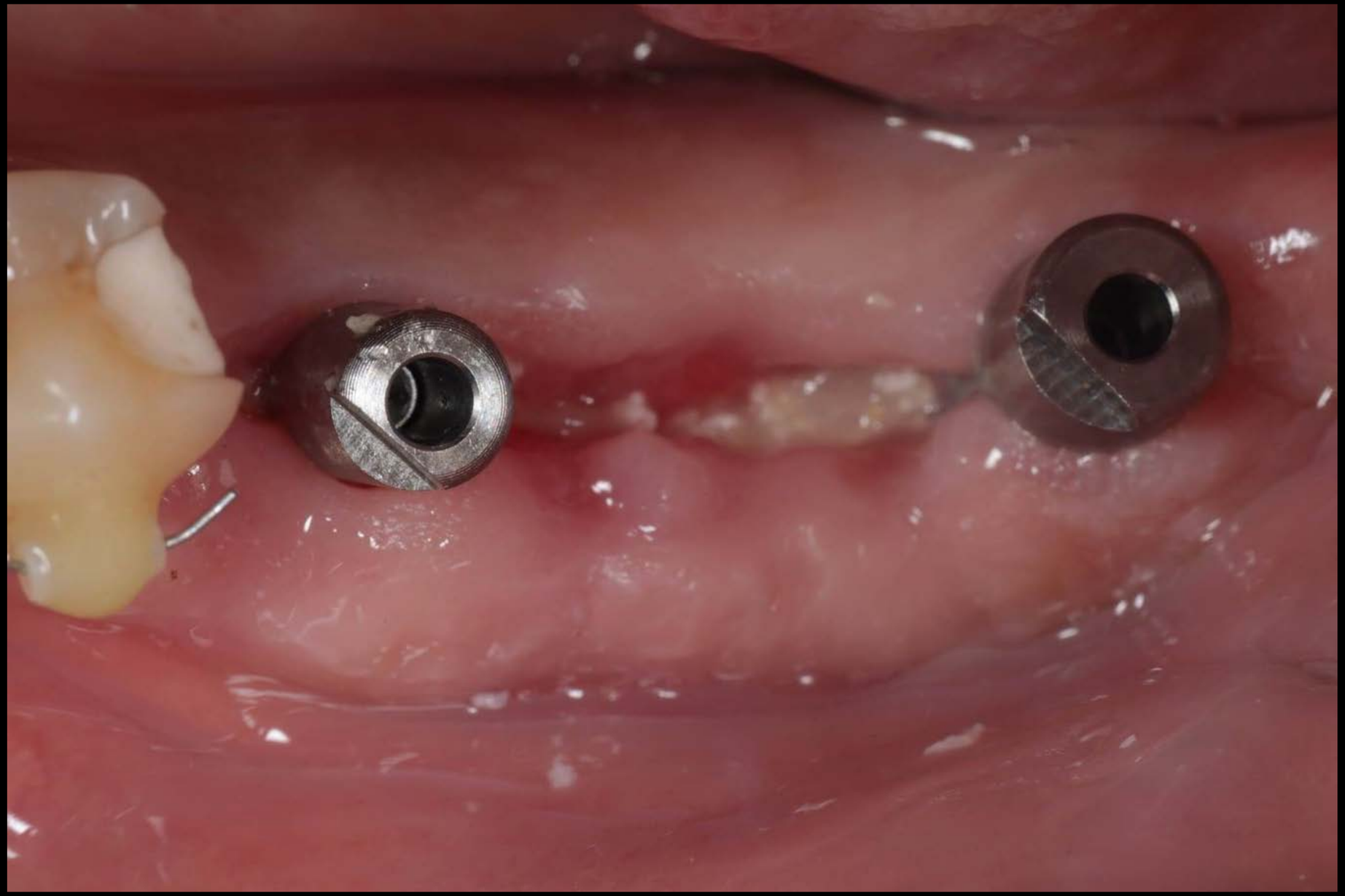
Orthodontic check : 3 weeks (2023-05-10)



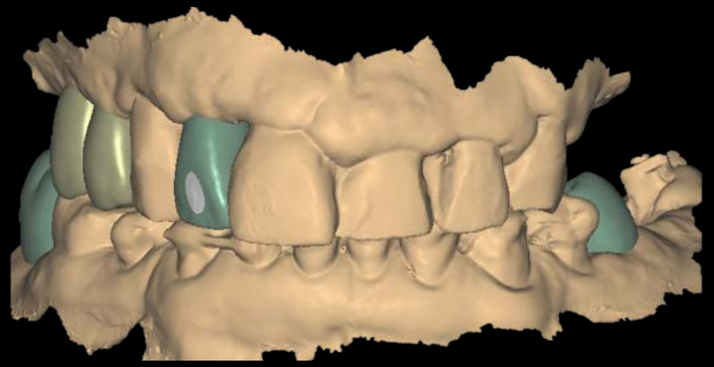
Mandibular DBN (2023-06-05)

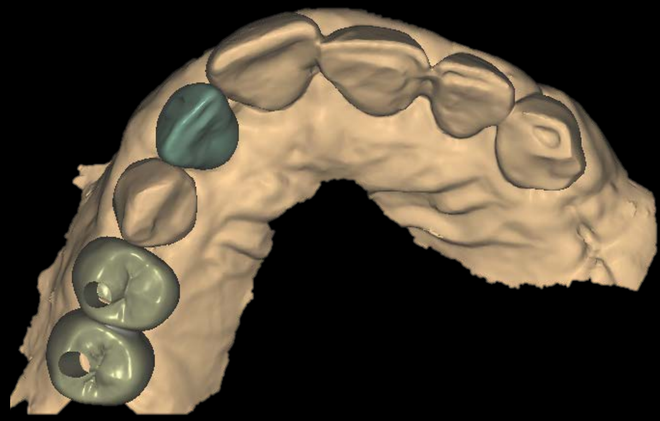


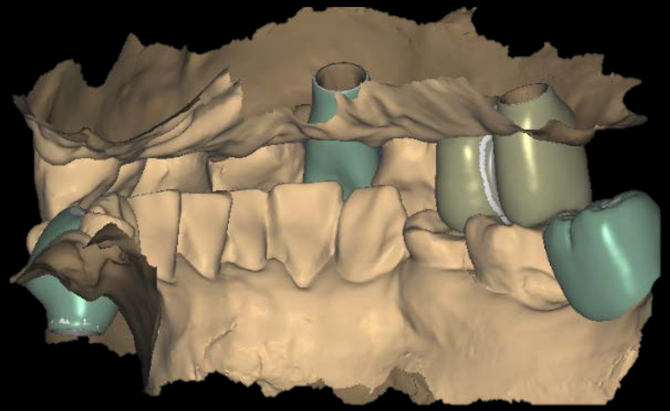
Healing : 2 weeks #35, 37 (2023-05-04)

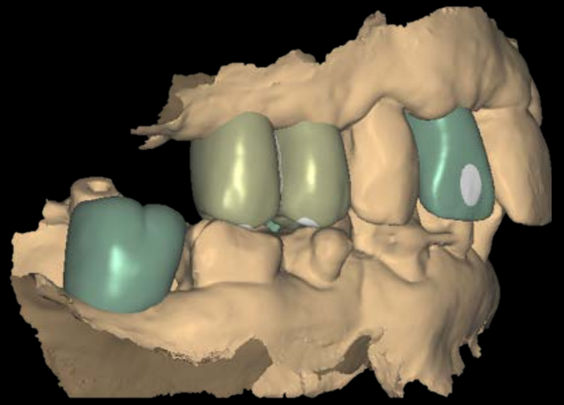


CAD (Temporary)









Provisional restoration #12 (2023-05-04)





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







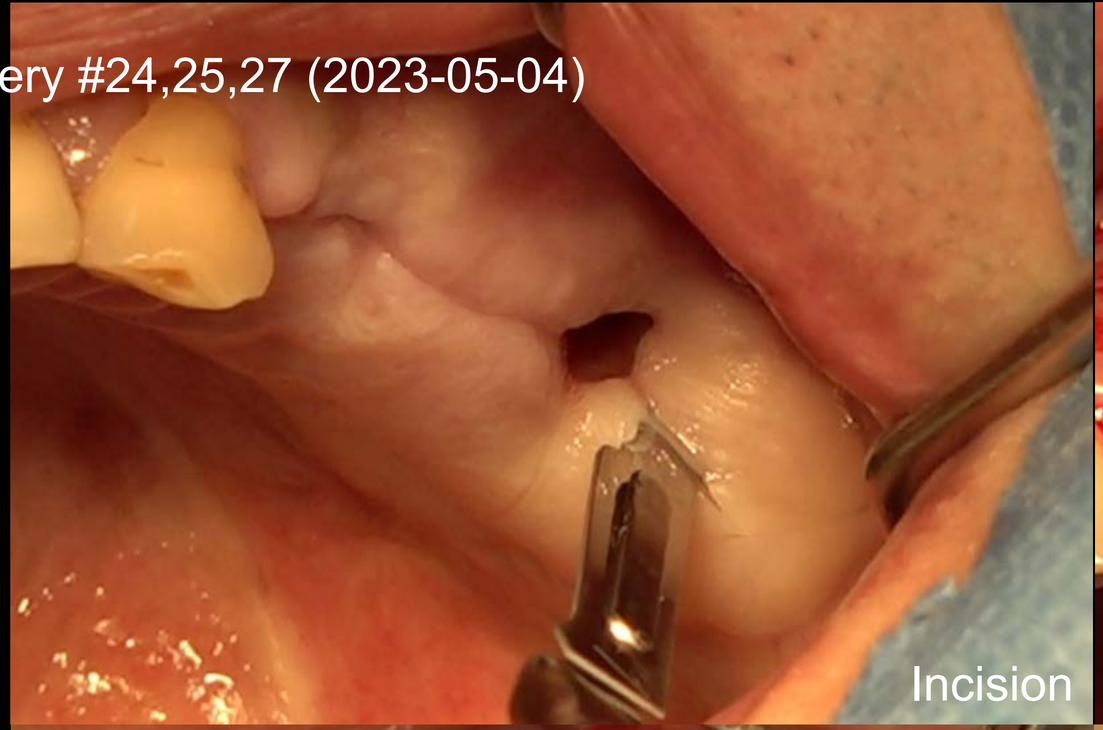
Provisional restoration #47 (2023-05-04)

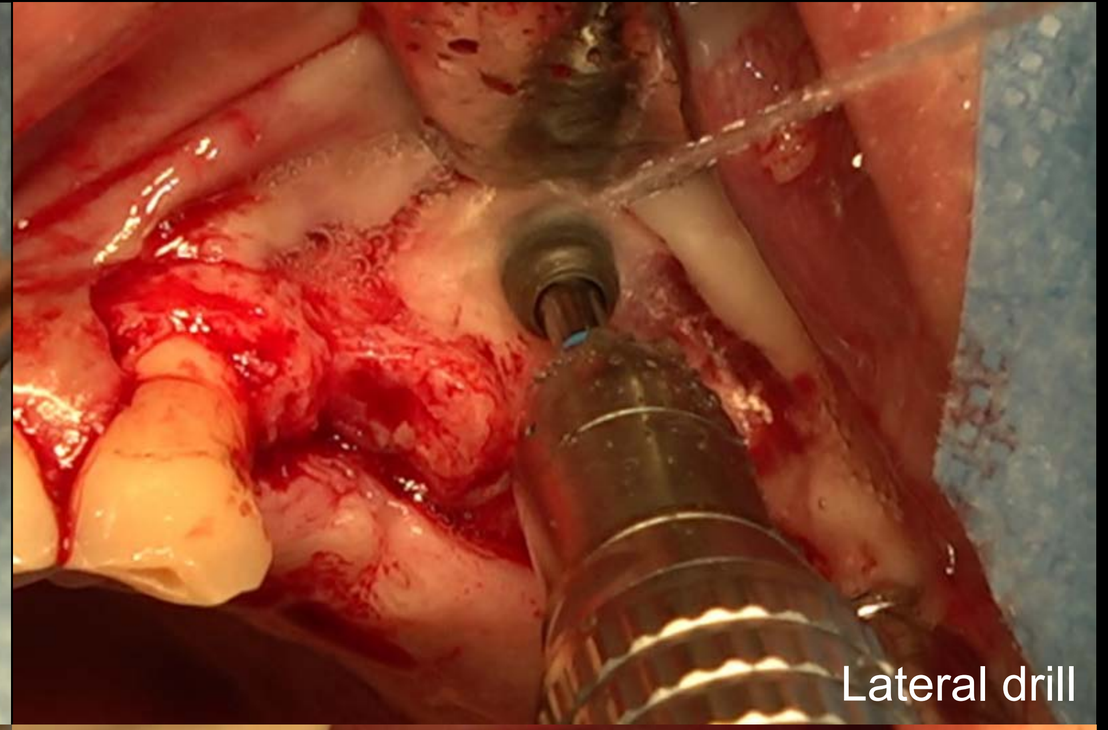


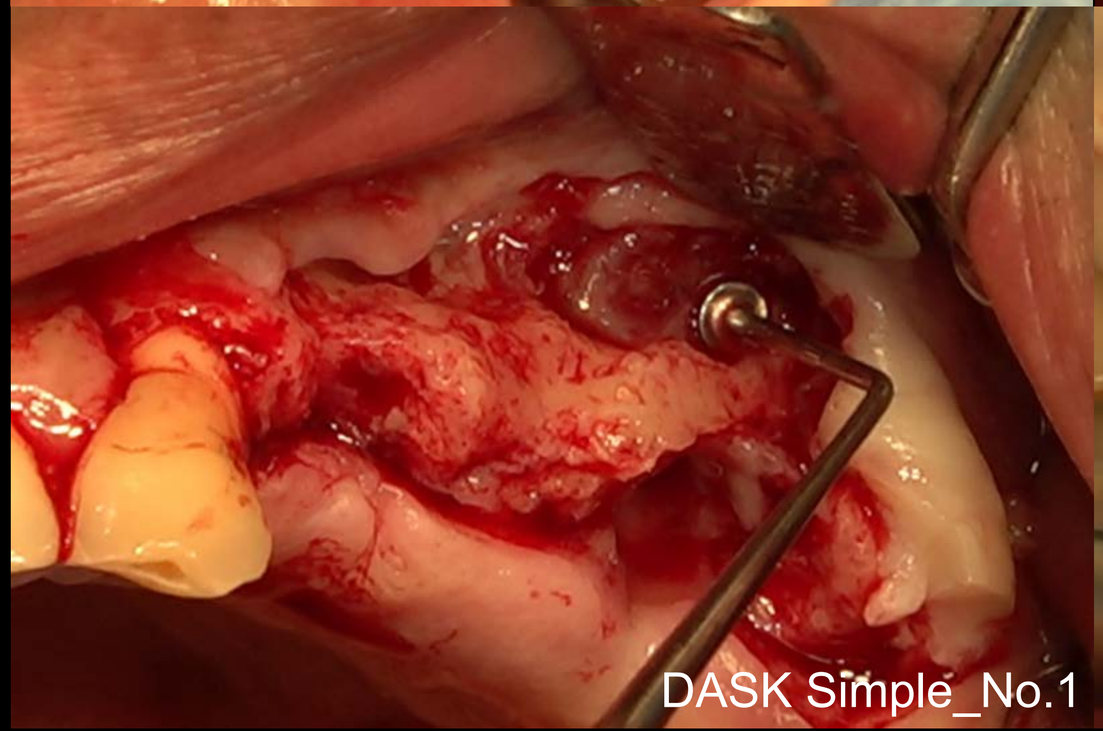


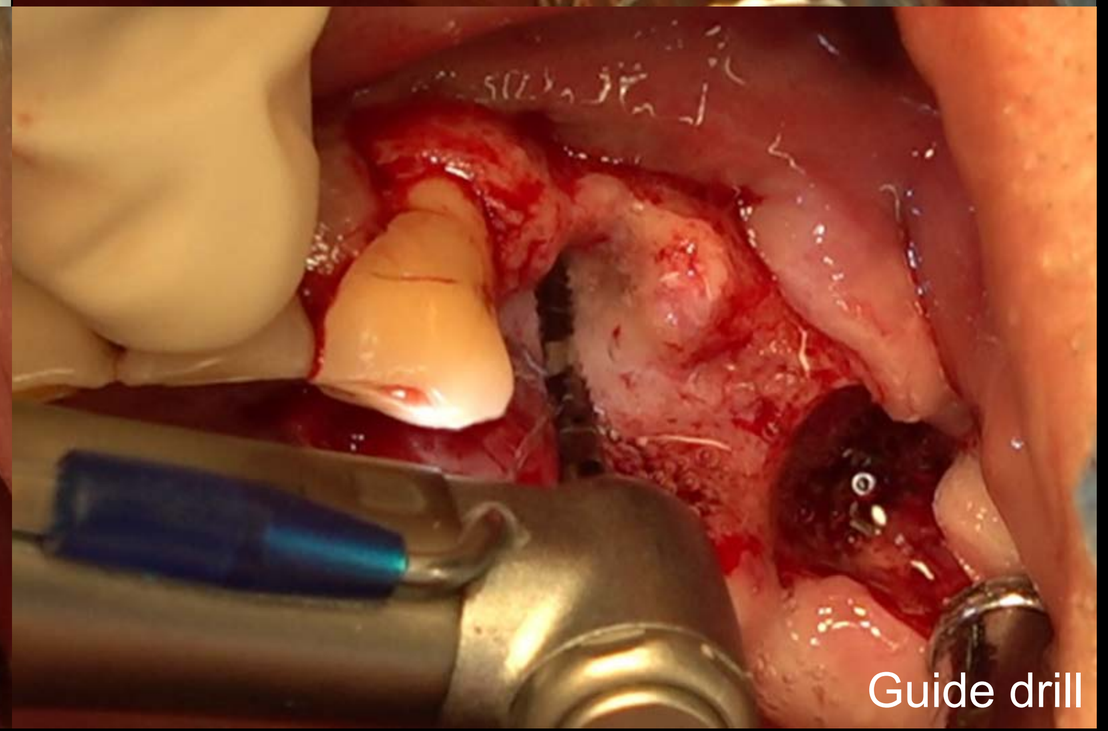


Surgery #24,25,27 (2023-05-04)

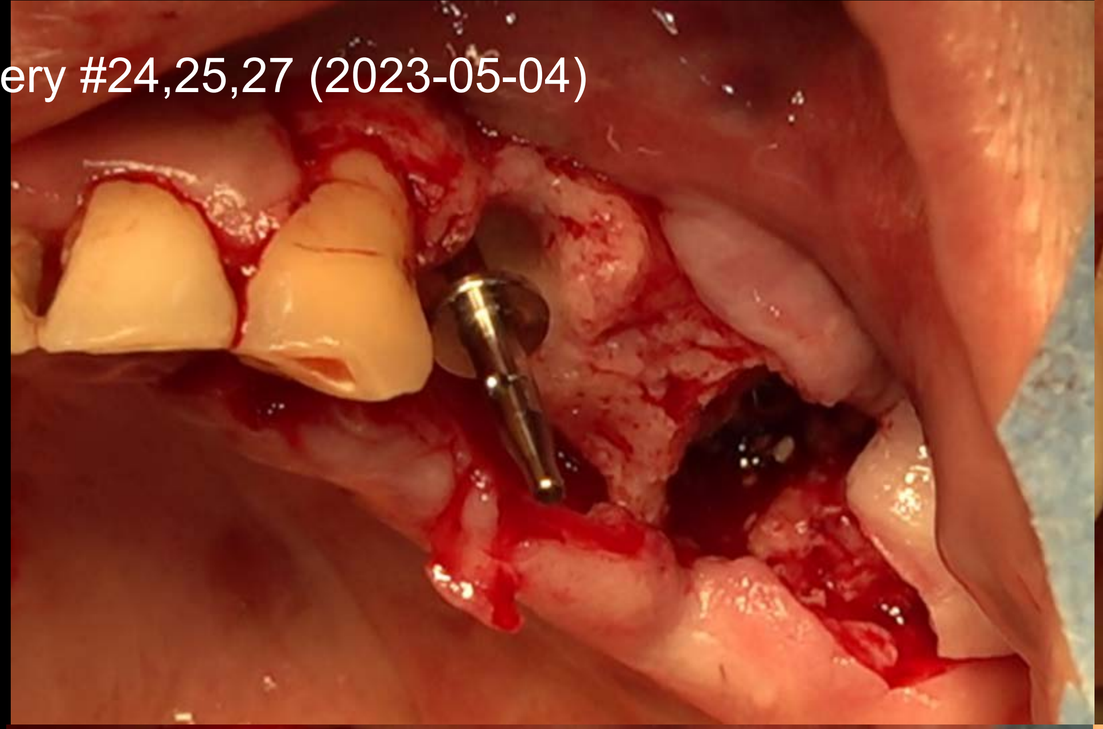

Incision

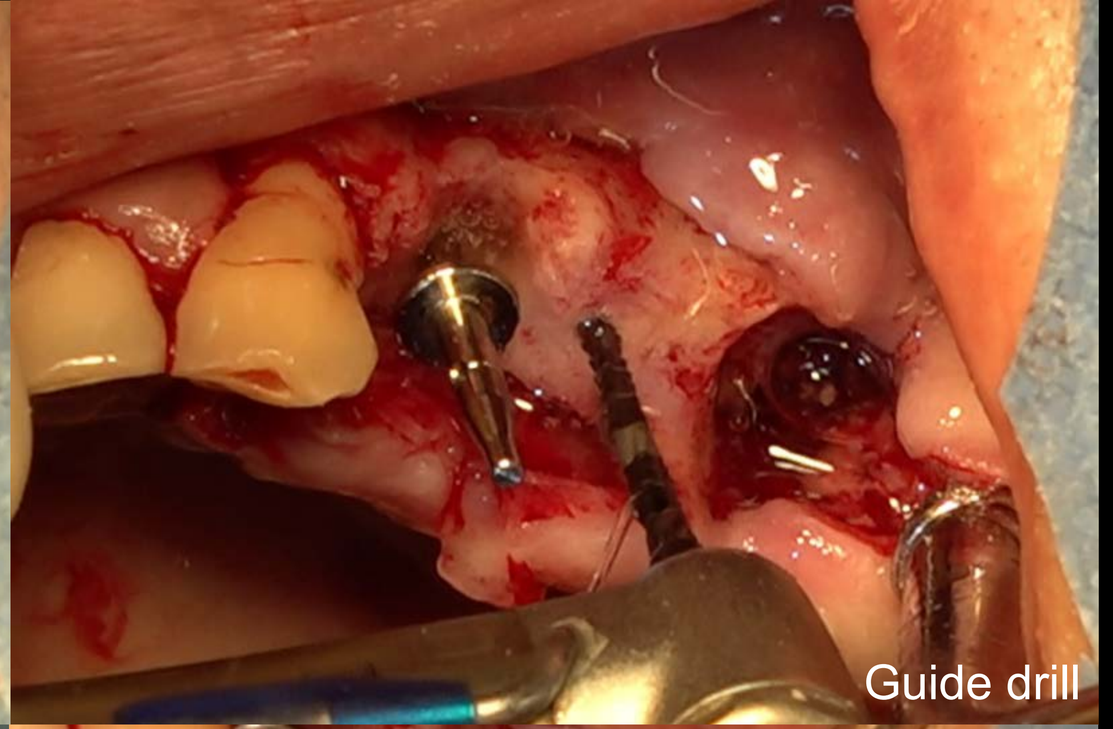

Lateral drill


DASK Simple_No.1

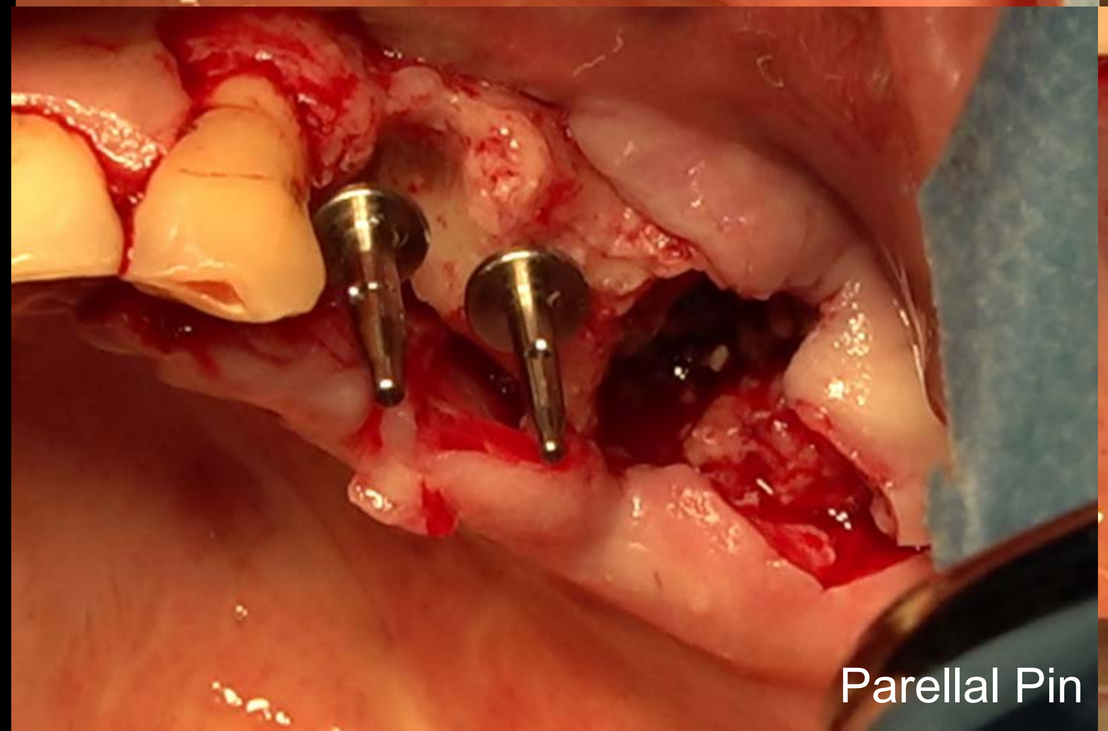

Guide drill

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

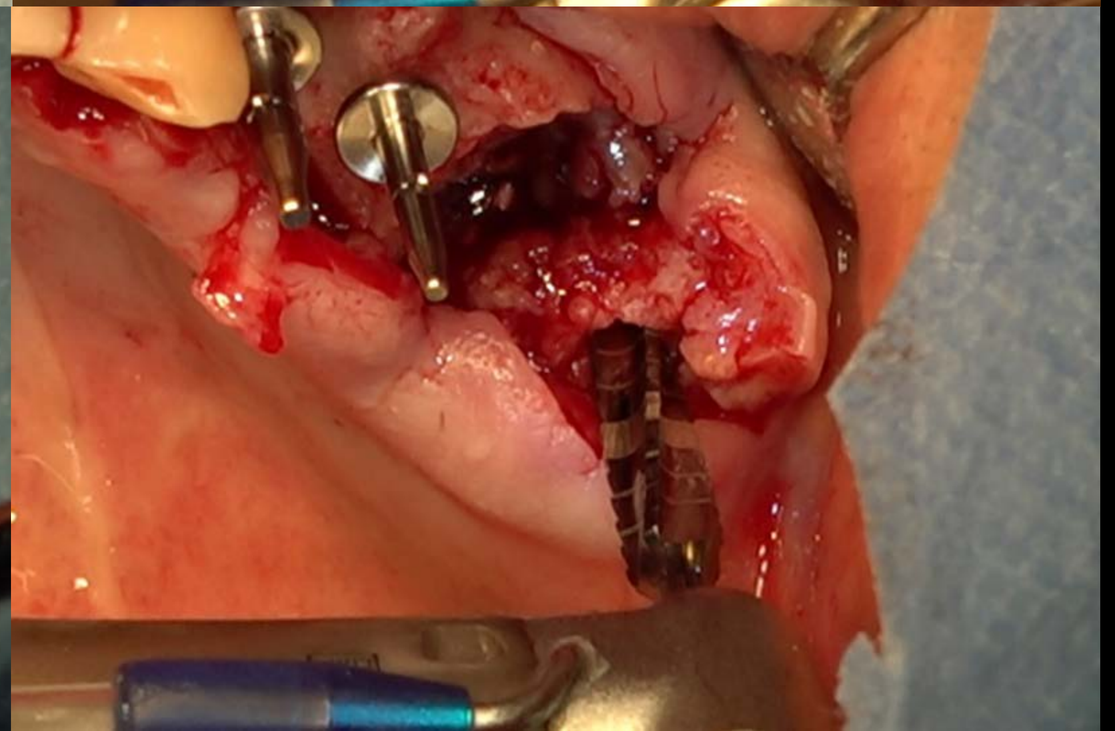




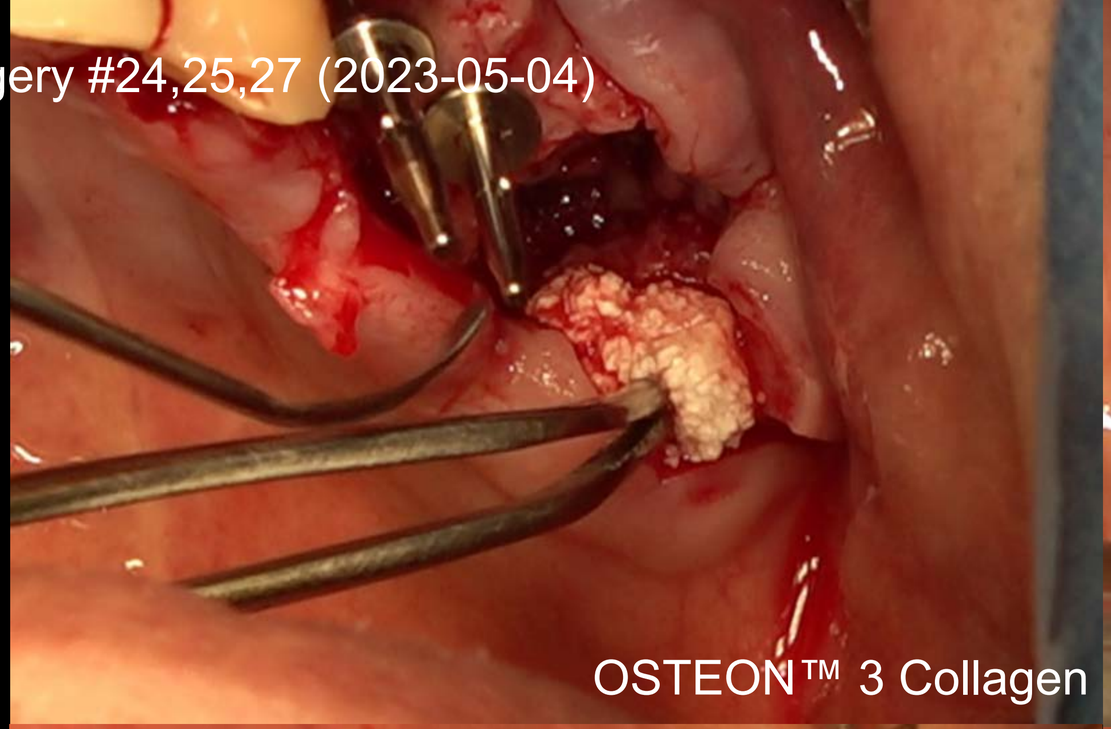
Guide drill



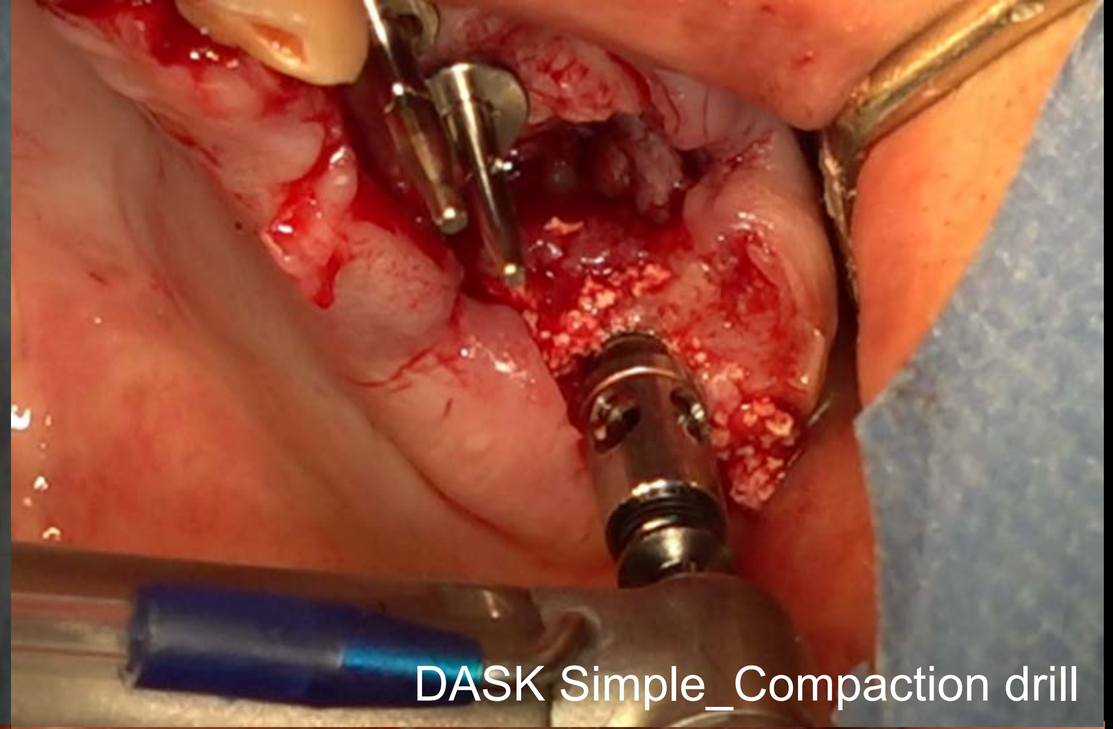
Parellal Pin



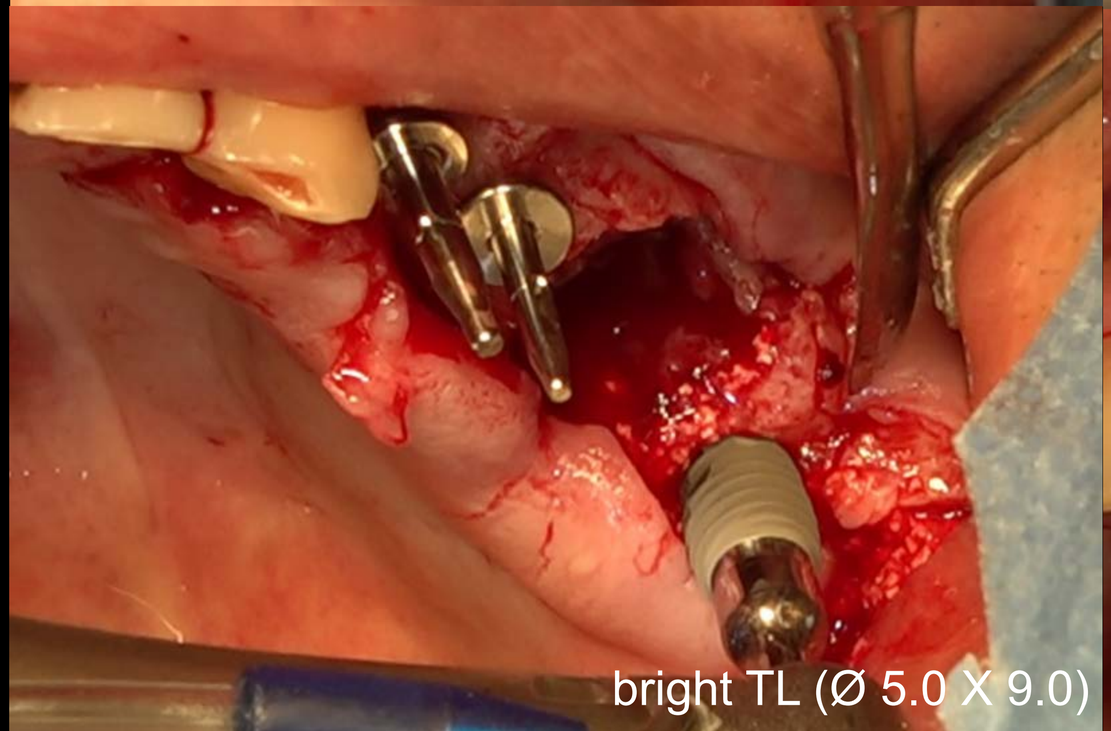
Surgery #24,25,27 (2023-05-04)



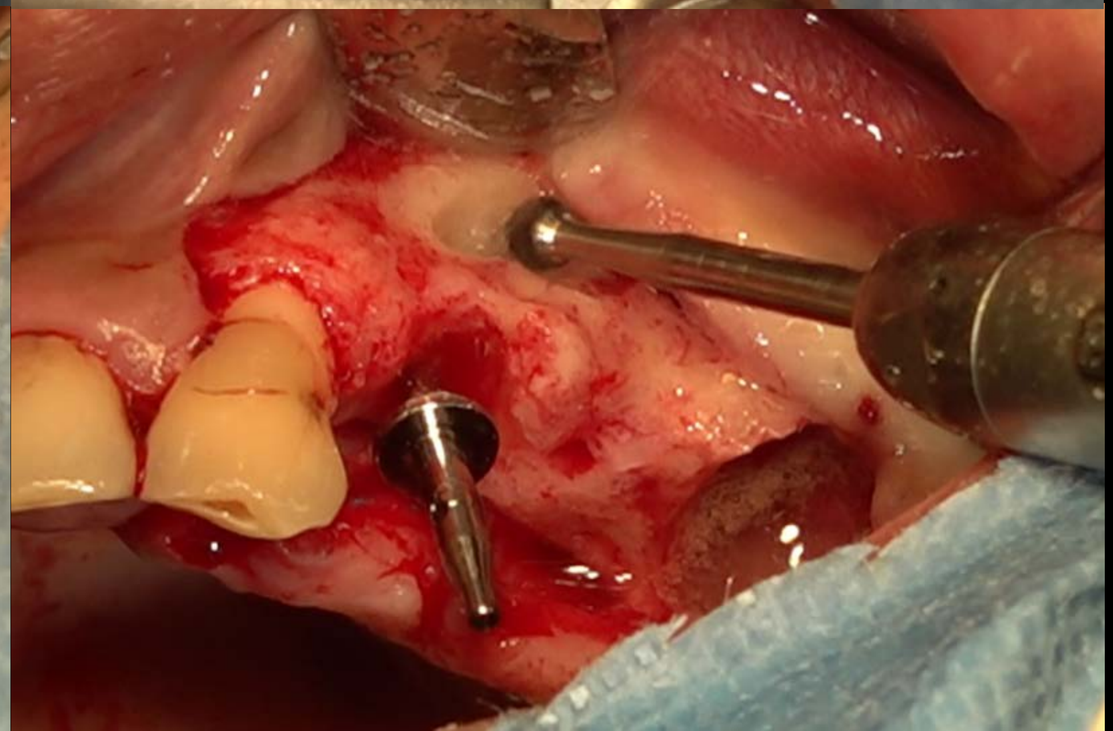
OSTEON™ 3 Collagen



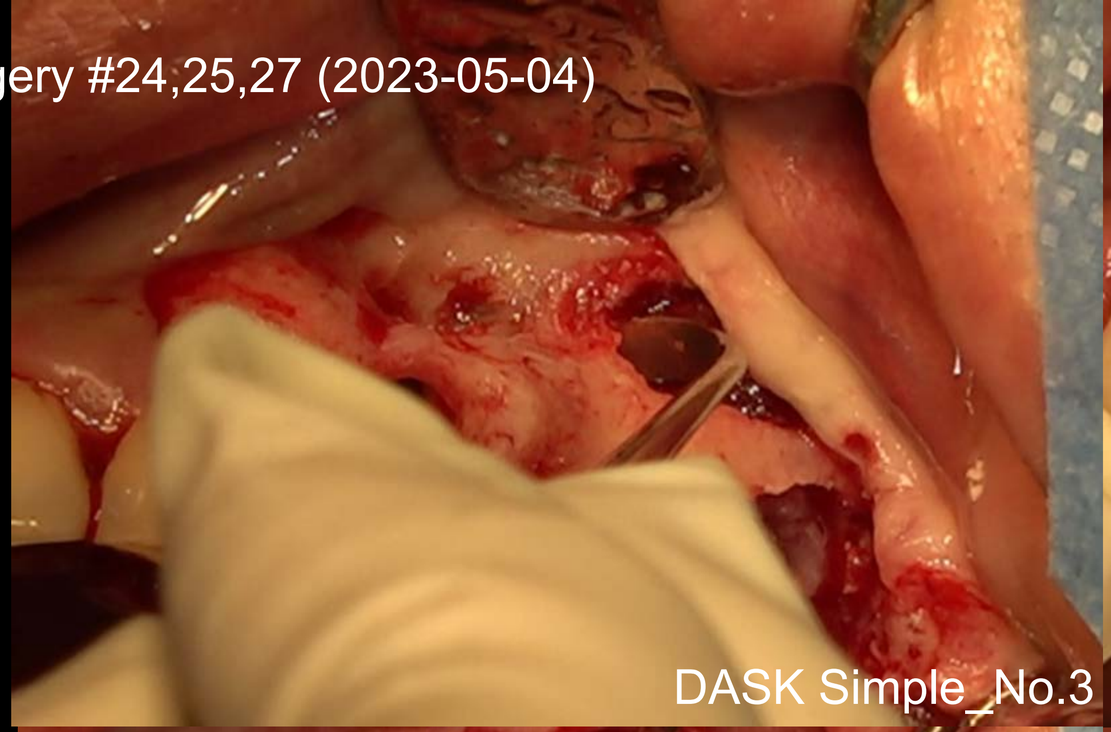
DASK Simple_Compaction drill



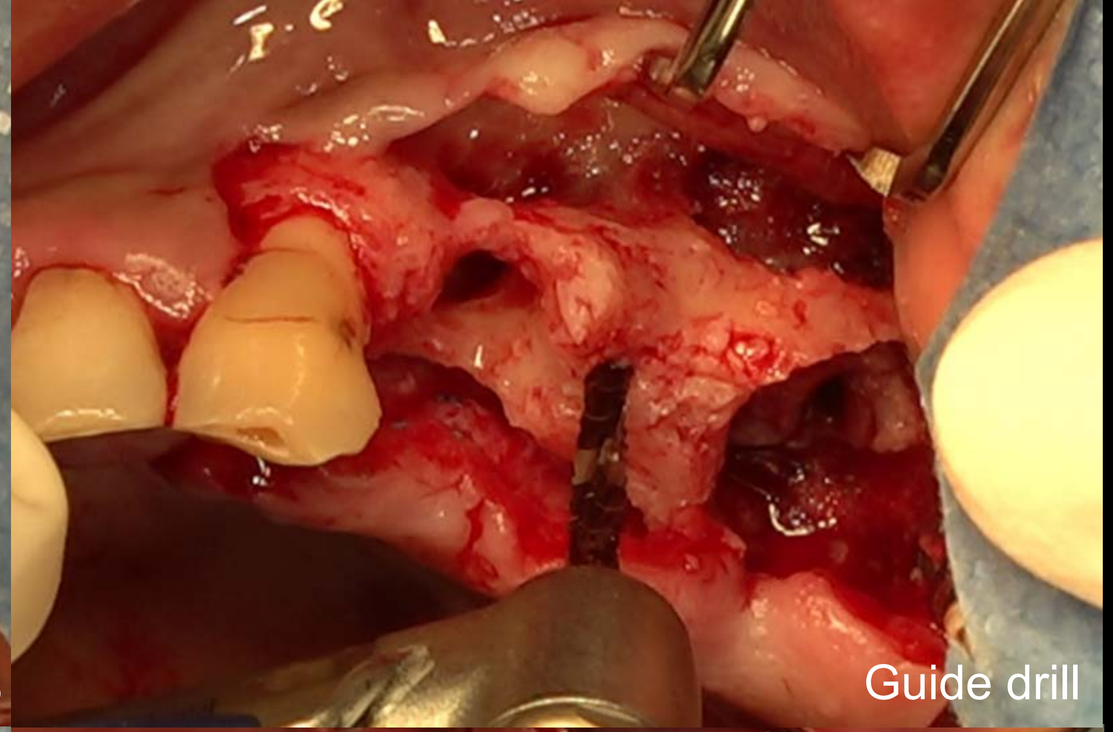
bright TL (Ø 5.0 X 9.0)



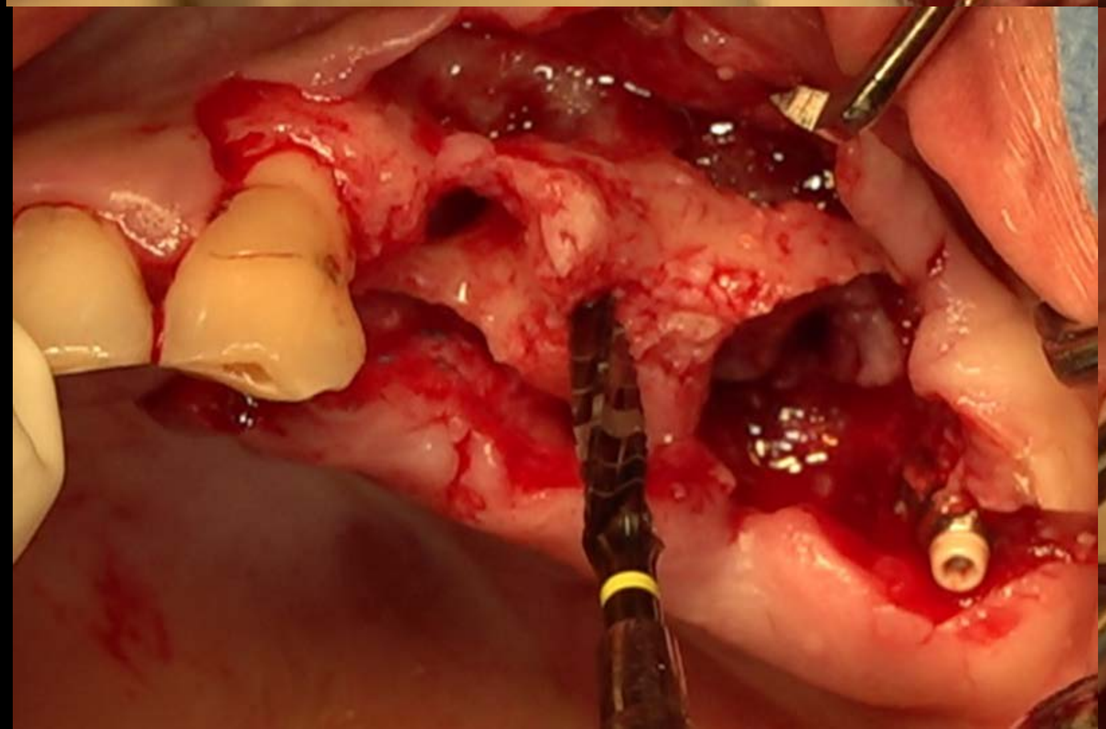
Surgery #24,25,27 (2023-05-04)



DASK Simple_No.3



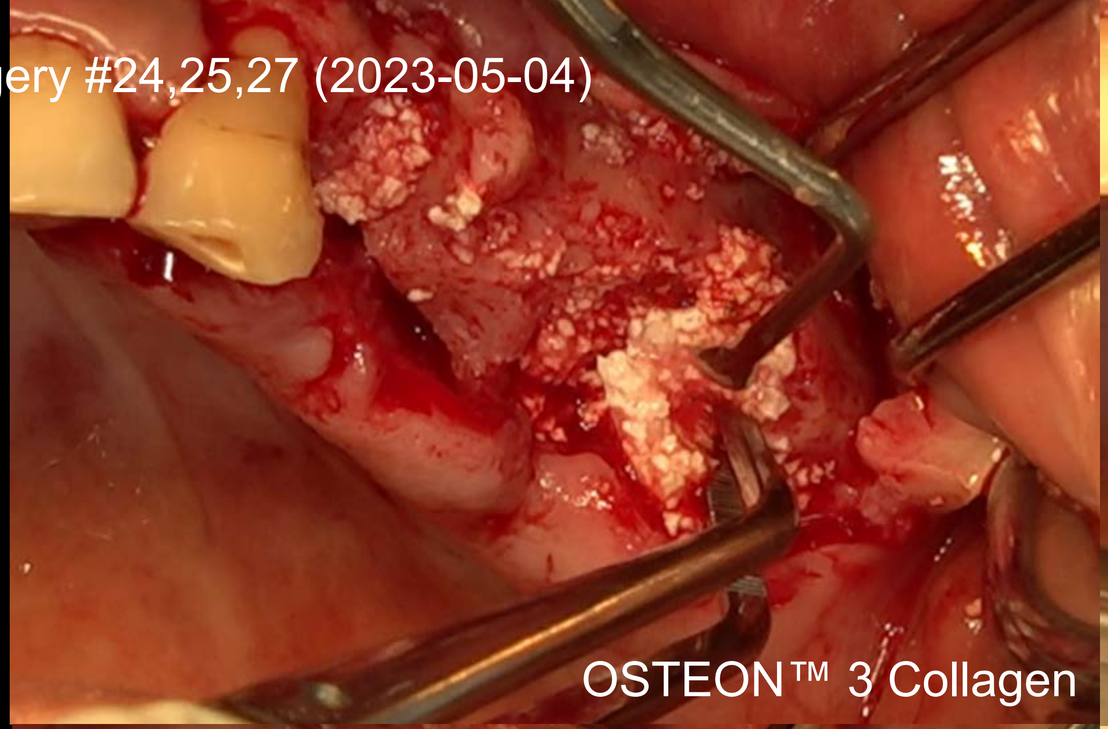
Guide drill



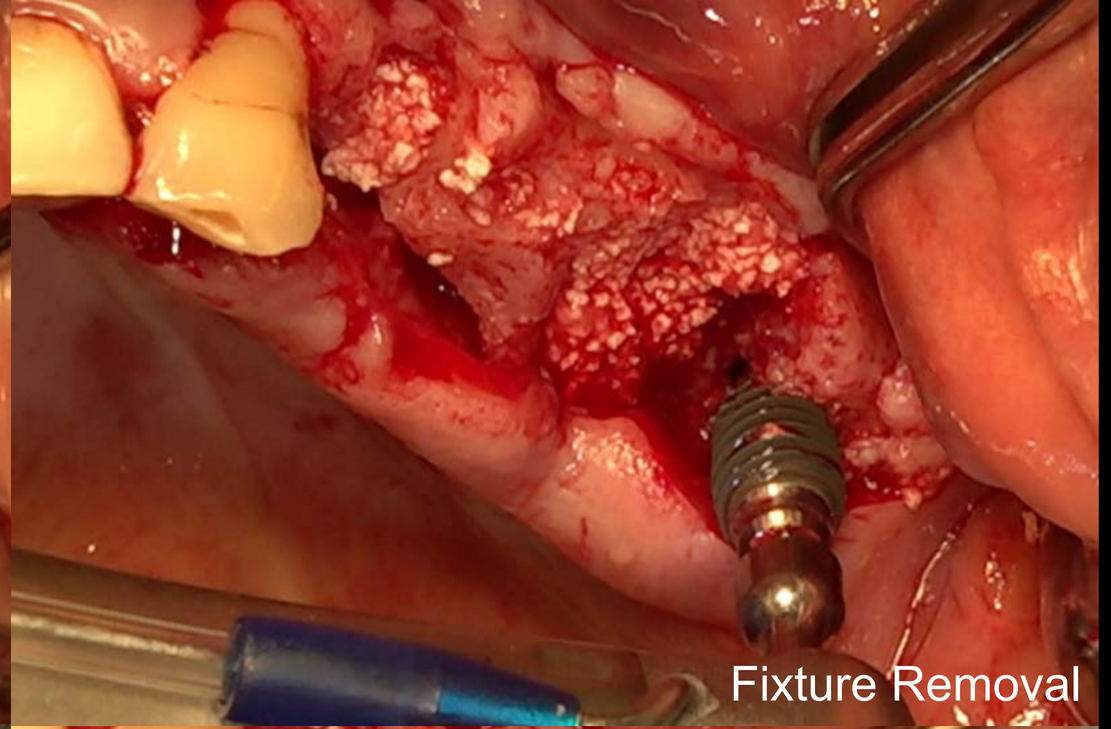


OSTEON™ 3 Collagen

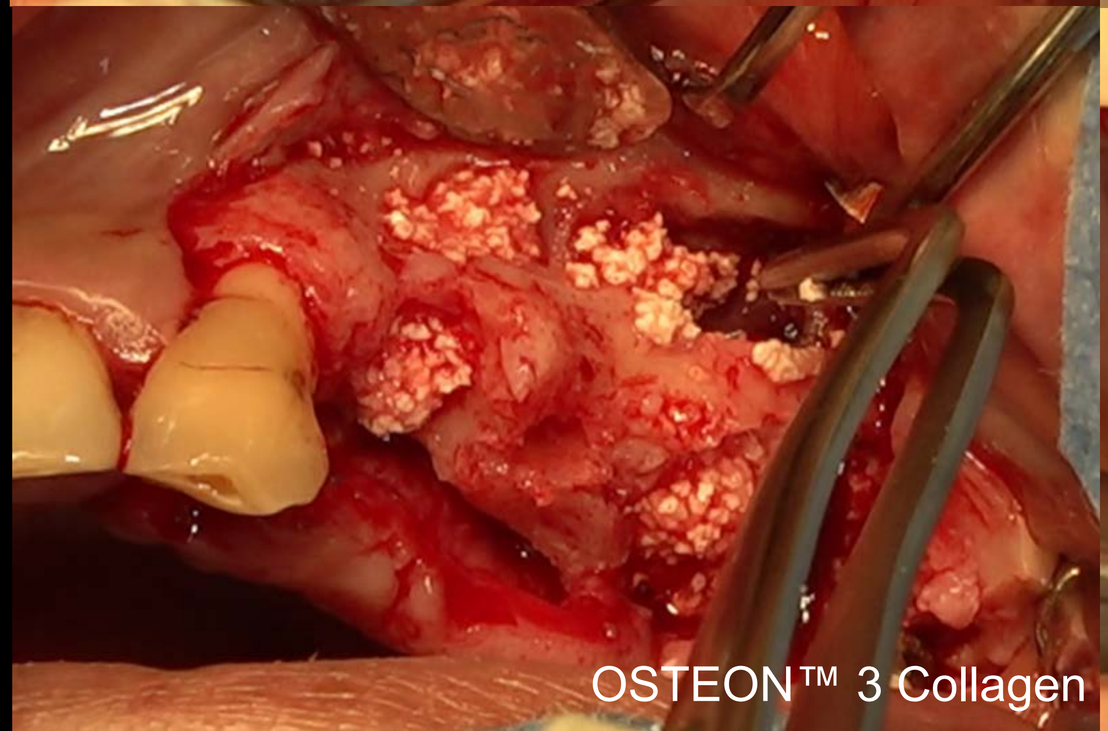
Surgery #24,25,27 (2023-05-04)



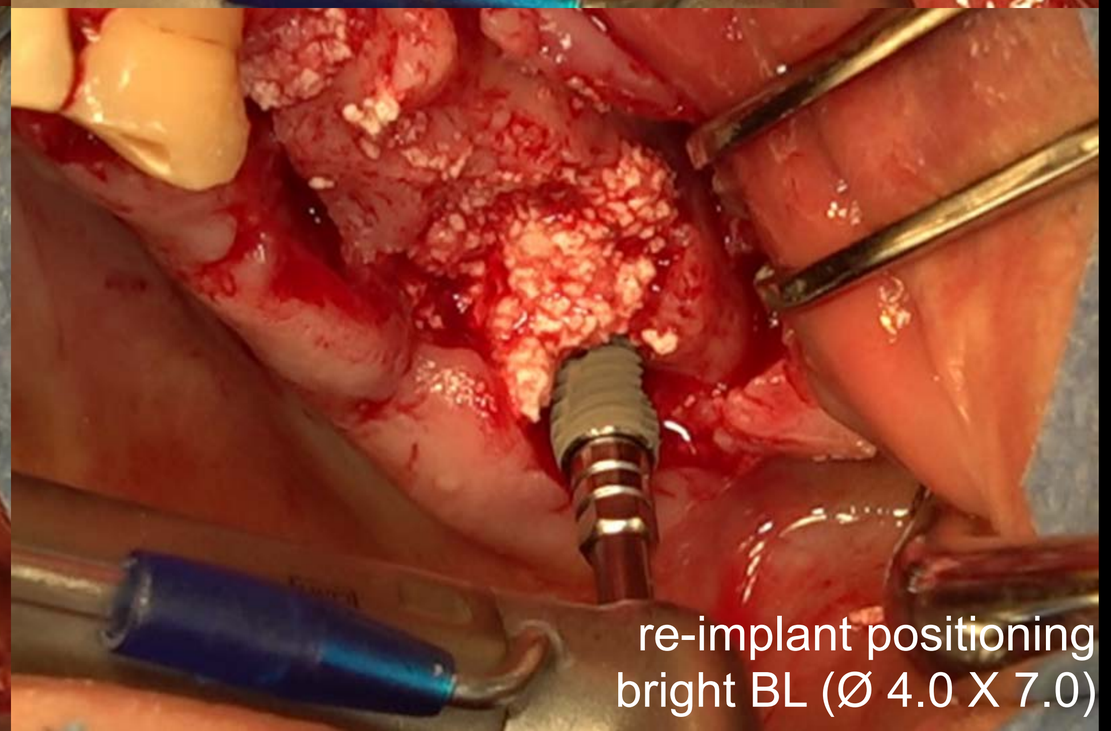
OSTEON™ 3 Collagen



Fixture Removal

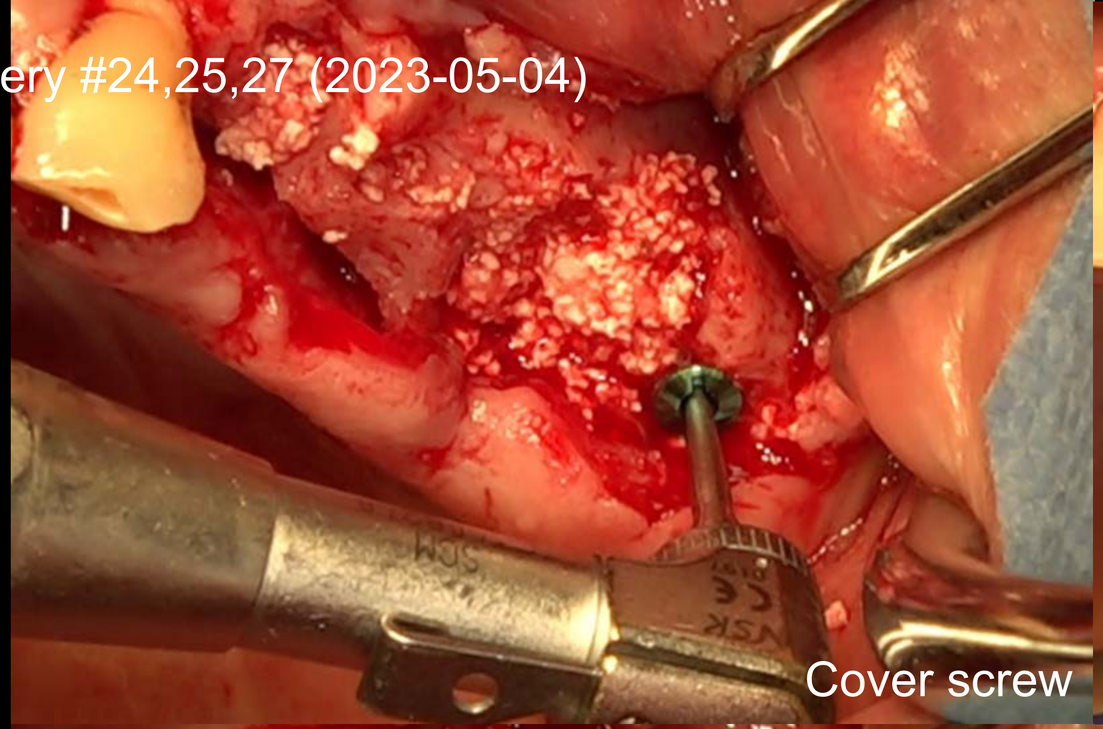


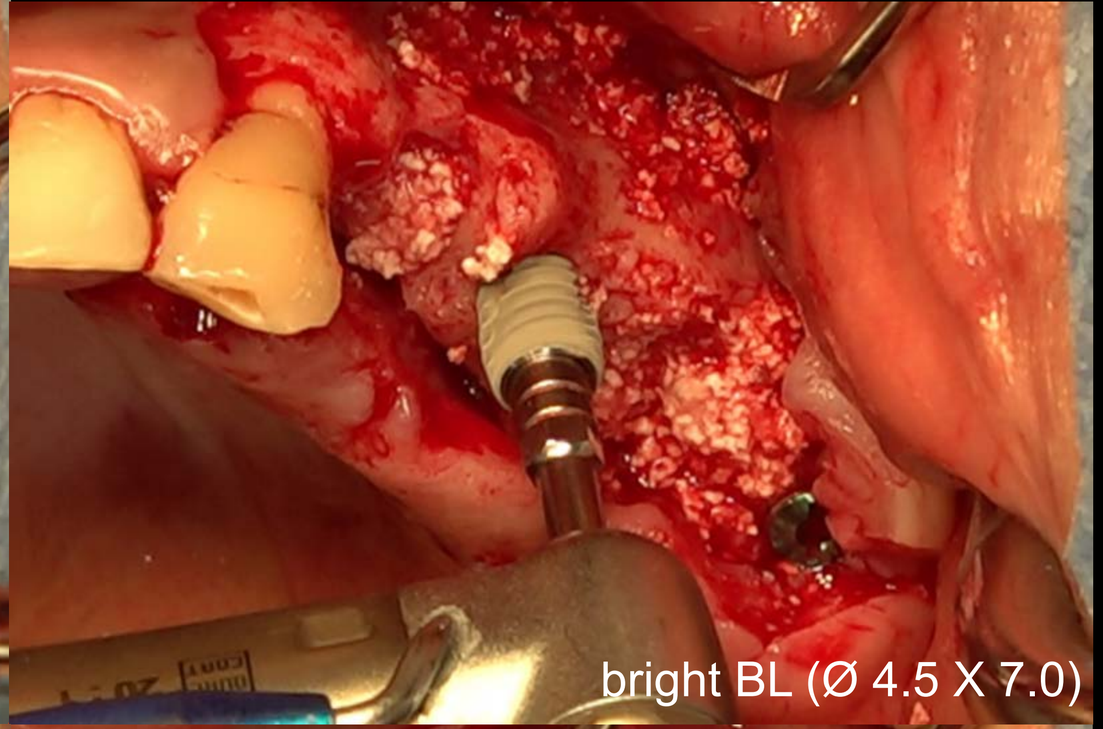
OSTEON™ 3 Collagen

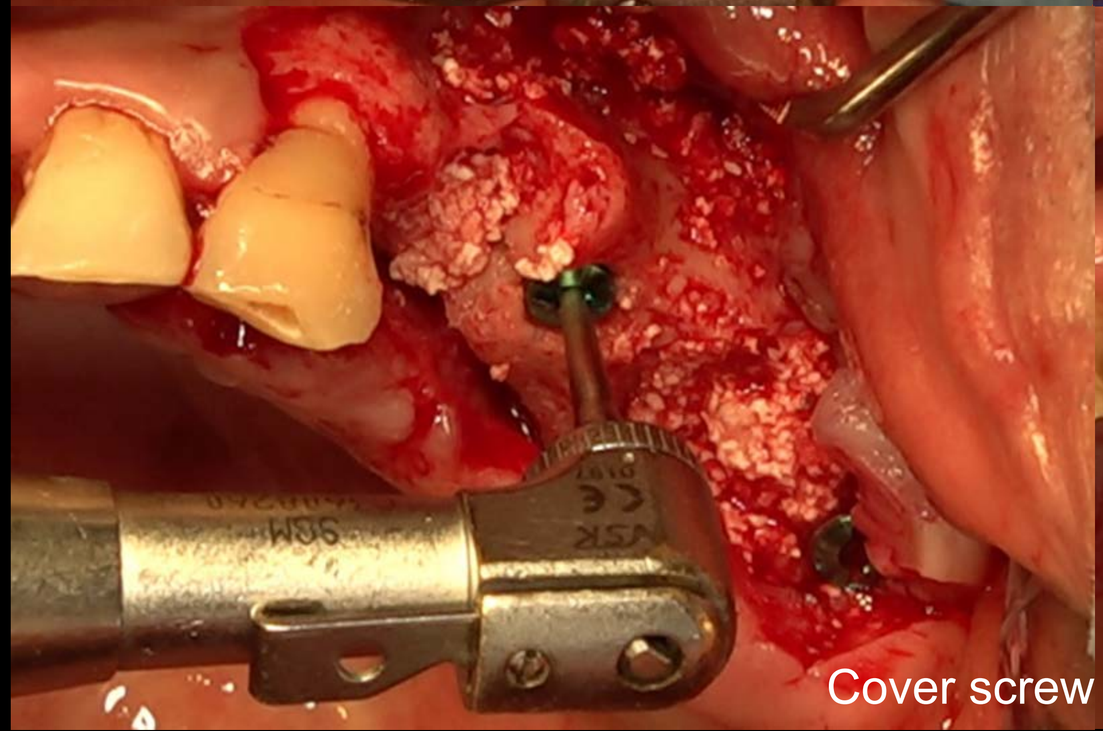


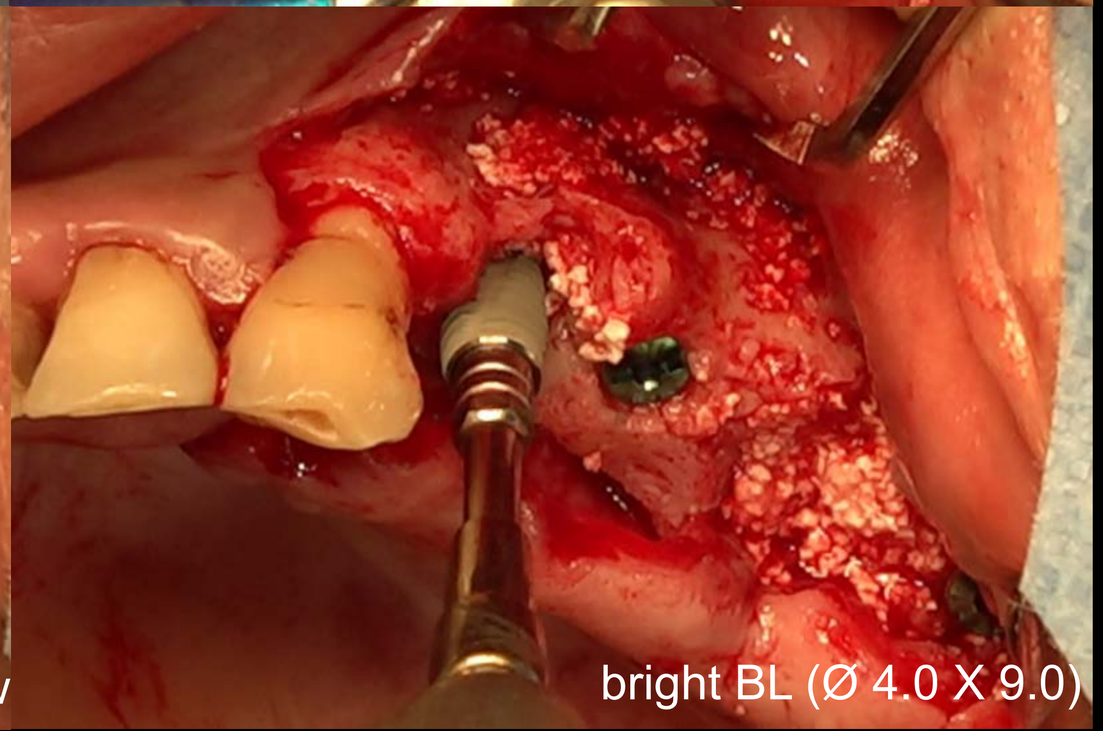
re-implant positioning
bright BL (Ø 4.0 X 7.0)

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

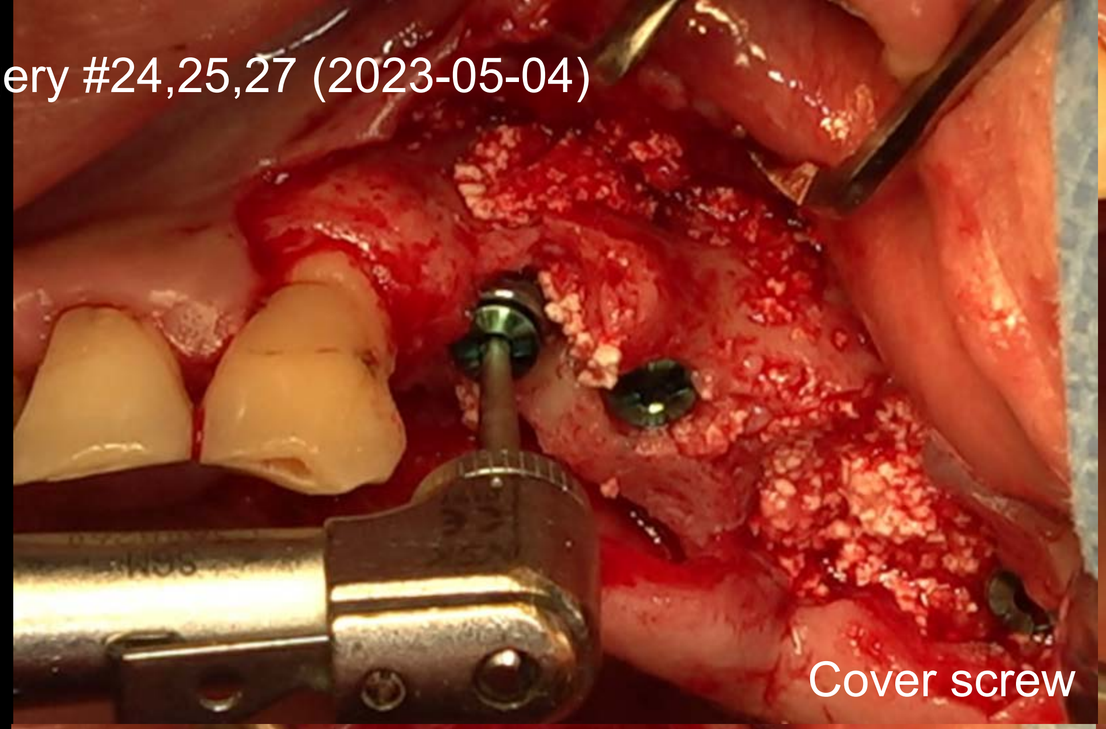




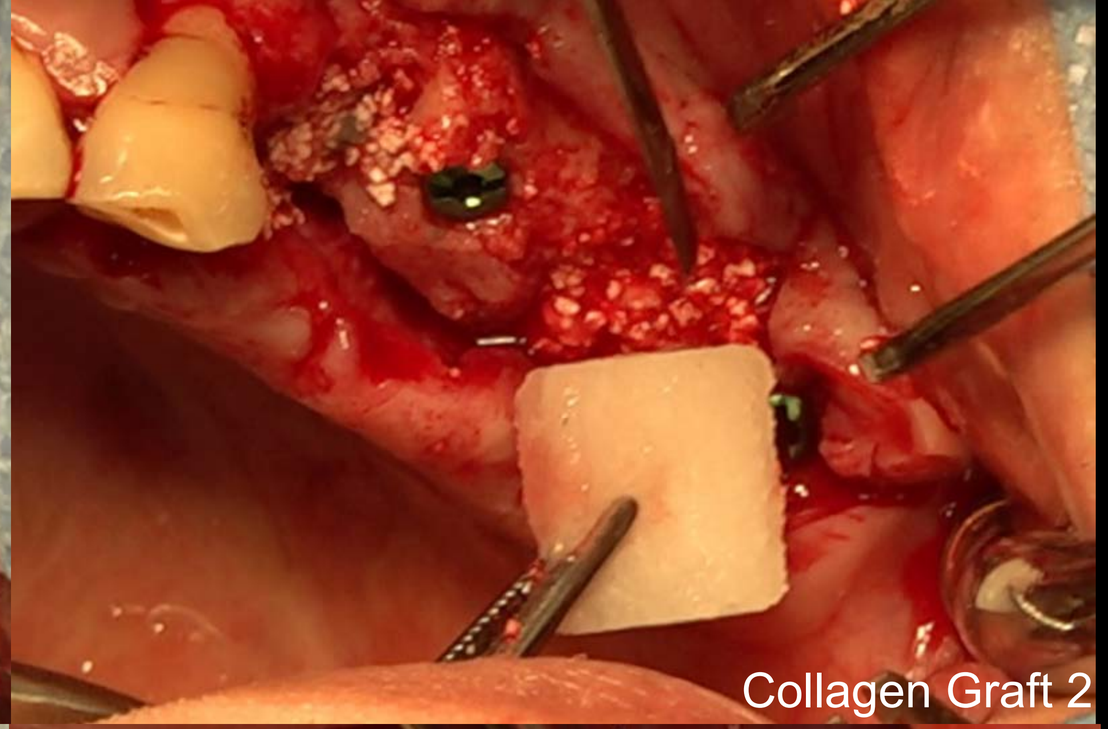




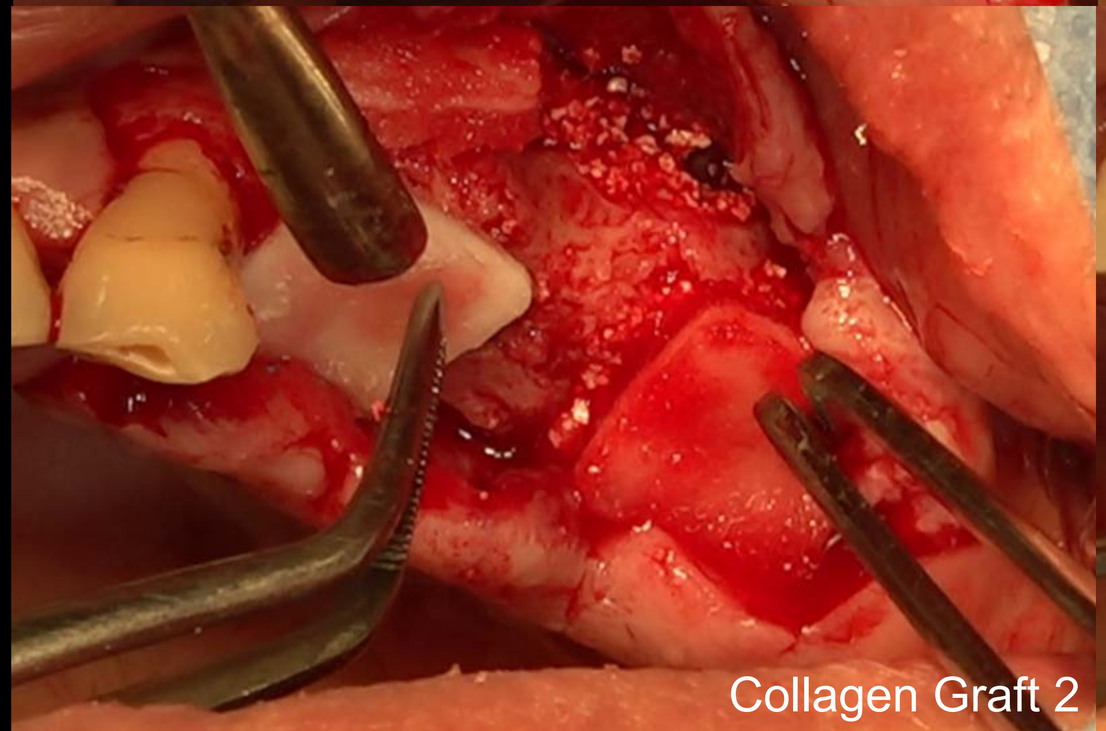
Surgery #24,25,27 (2023-05-04)



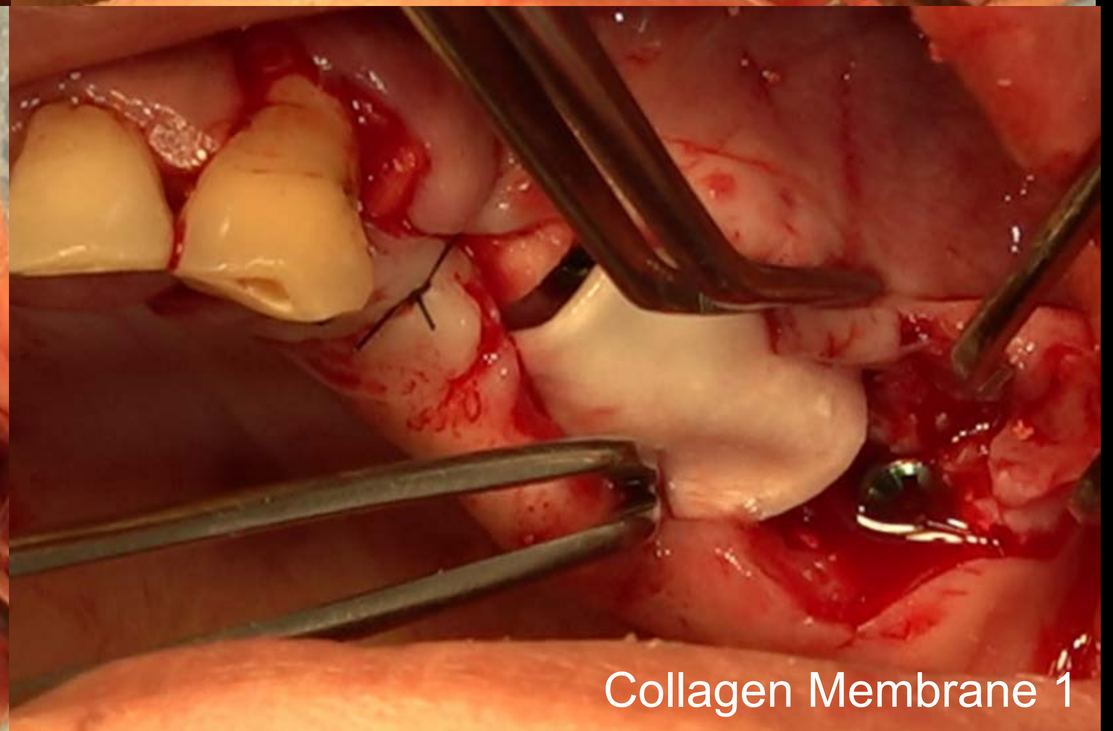
Cover screw



Collagen Graft 2

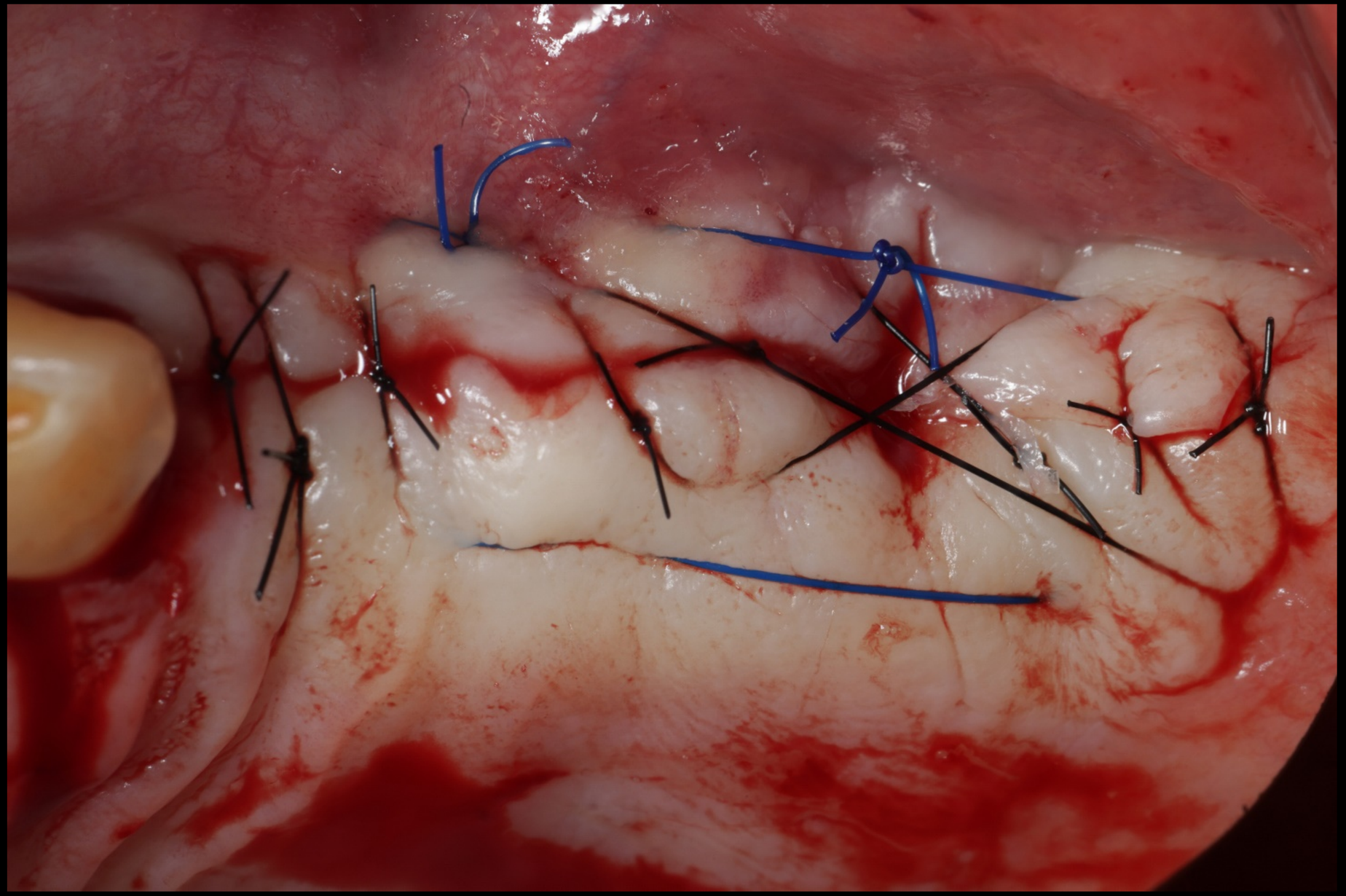


Collagen Graft 2

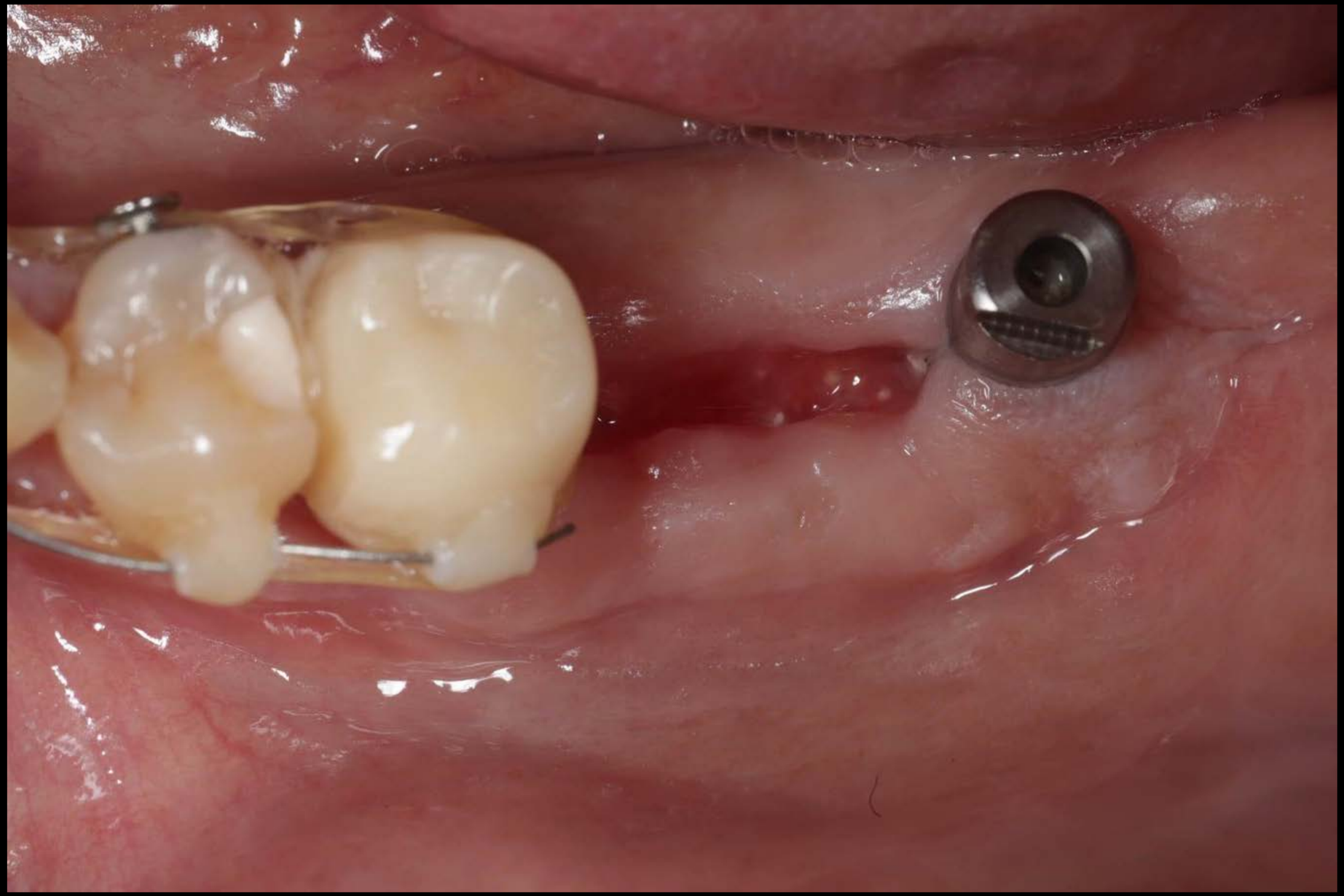


Collagen Membrane 1

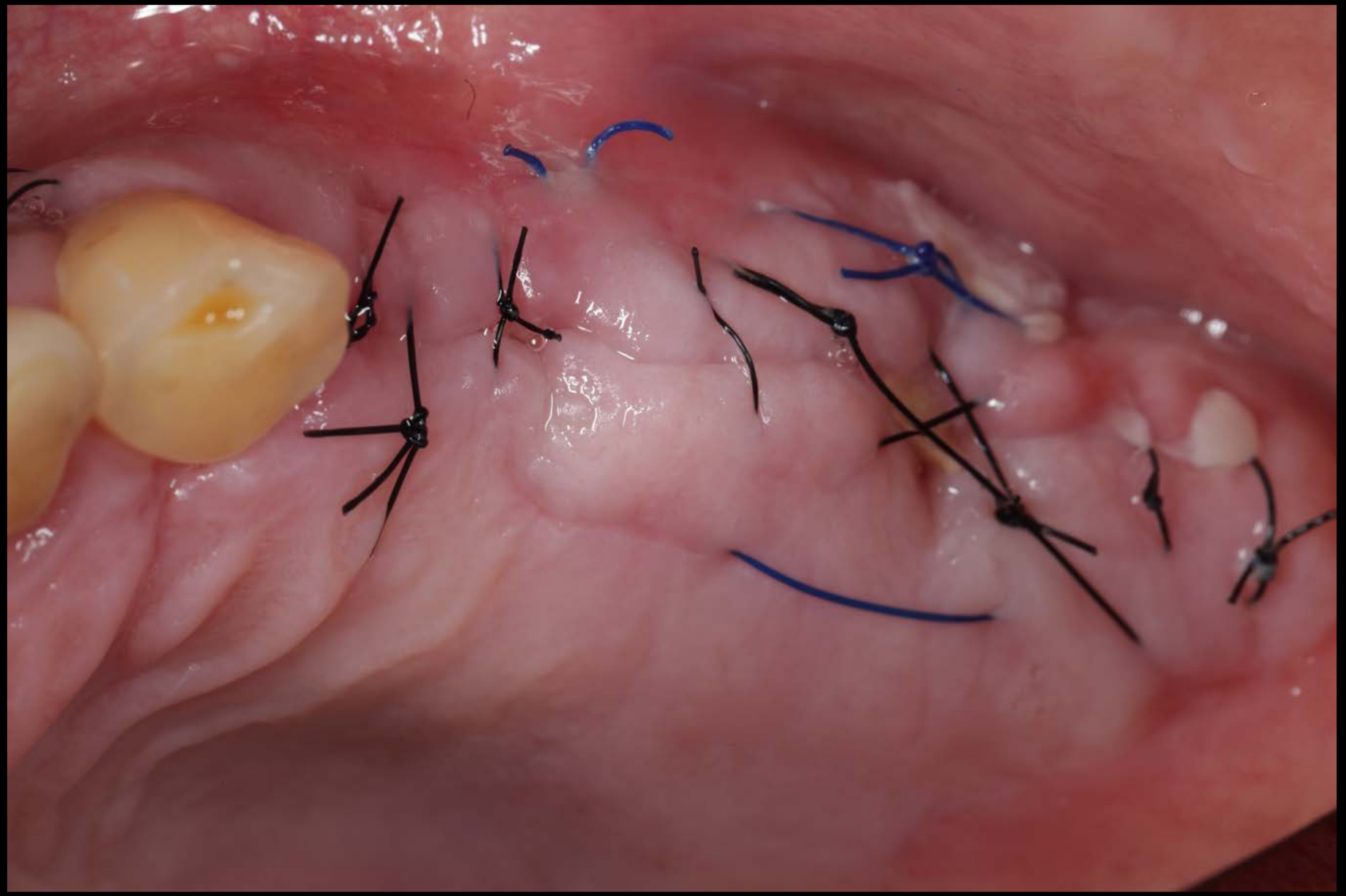
Post-op (2023-05-04)



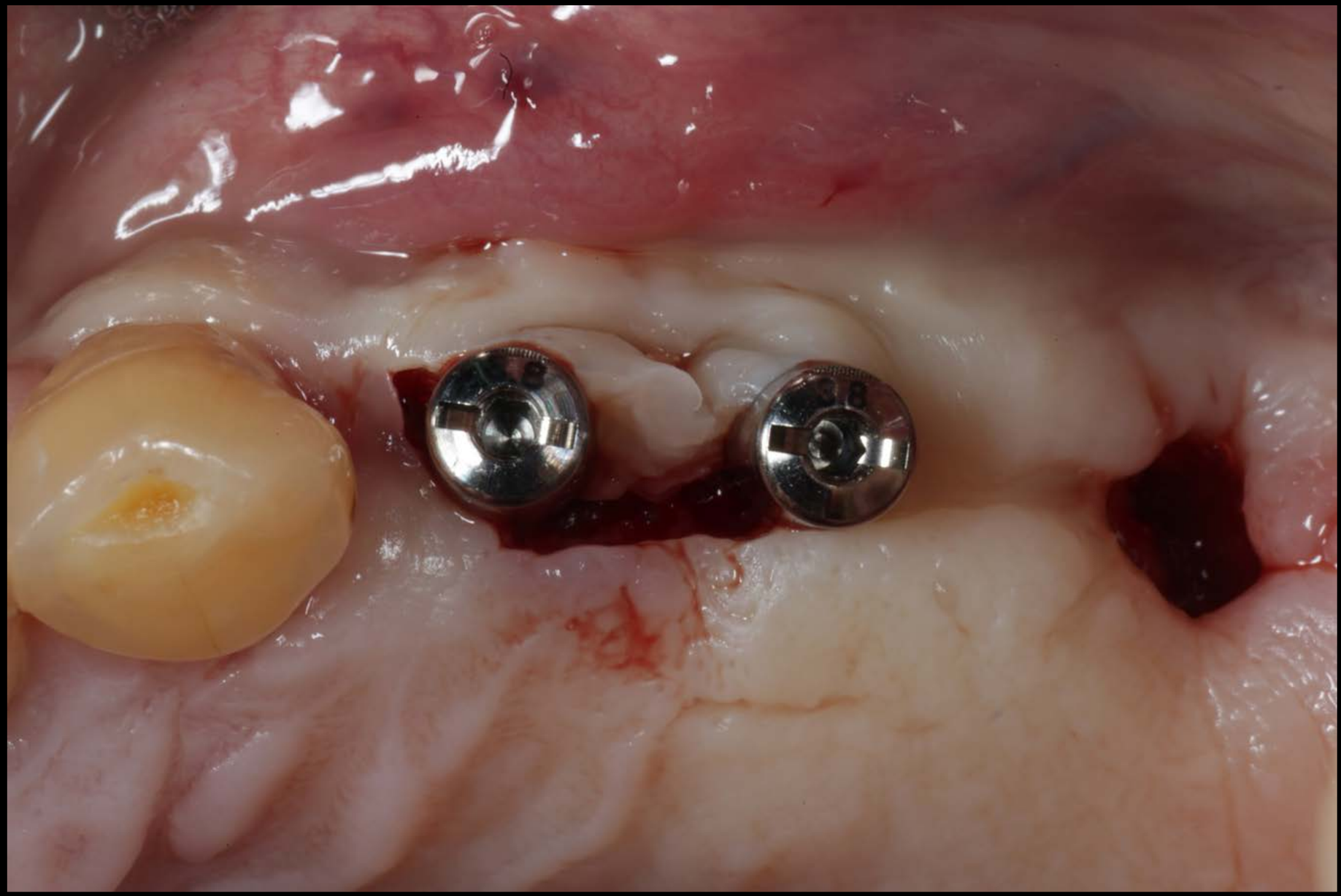
Healing : 3 weeks #35,37 (2023-05-10)



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



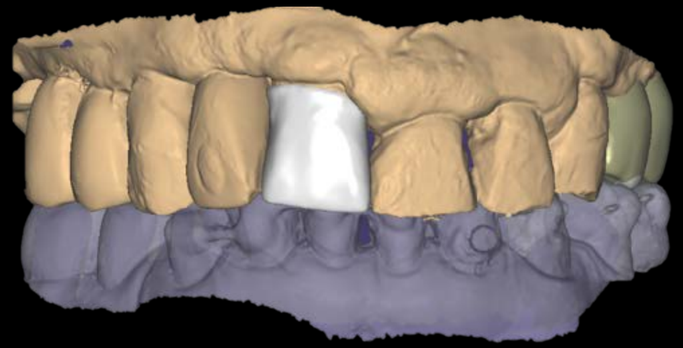
2nd Surgery #24,25 (2023-05-29)

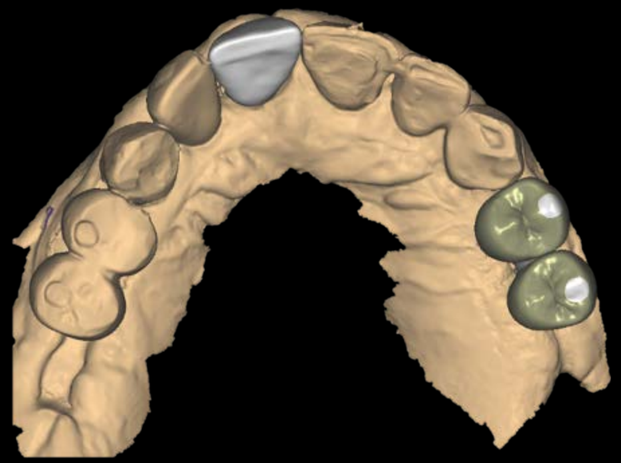


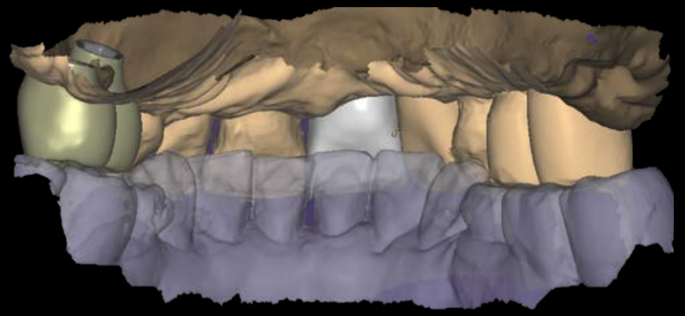
Healing : 1 month #47 (2023-06-05)

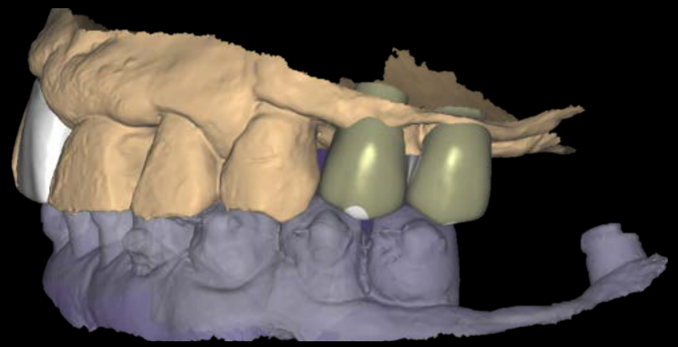


CAD (Temporary)









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



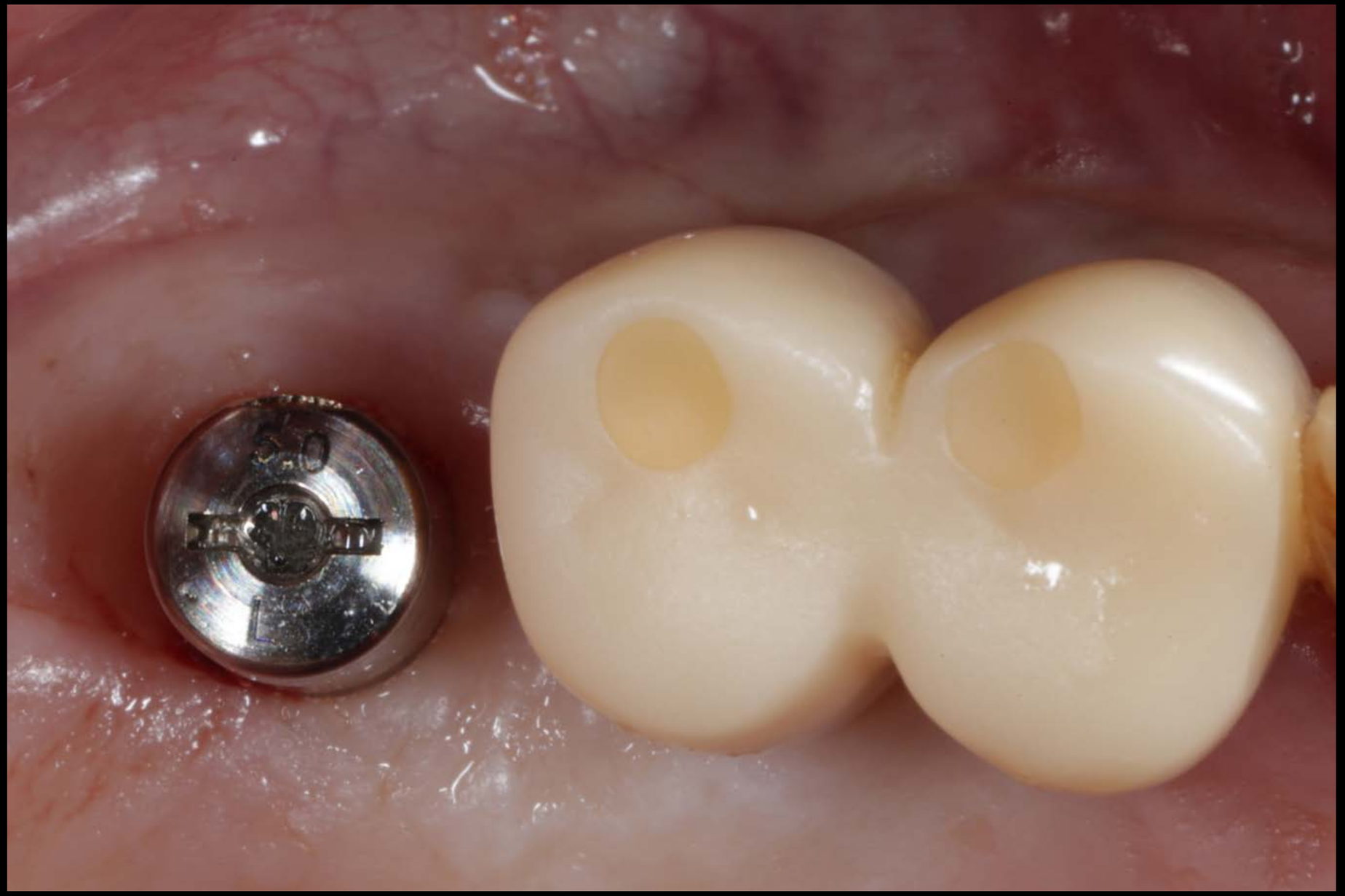




2nd Surgery #27 (2023-10-24)



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

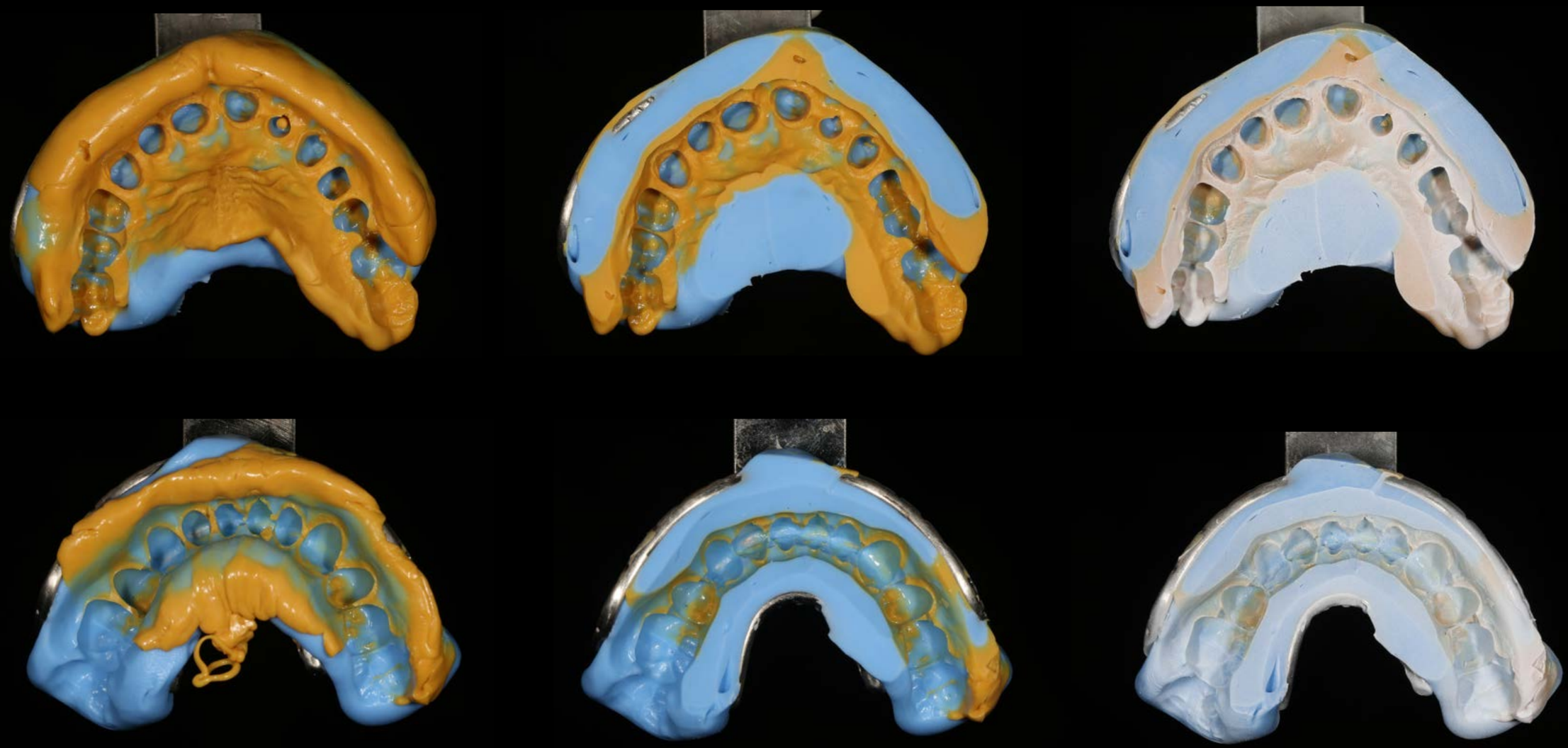


Final Impression (2023-10-28)



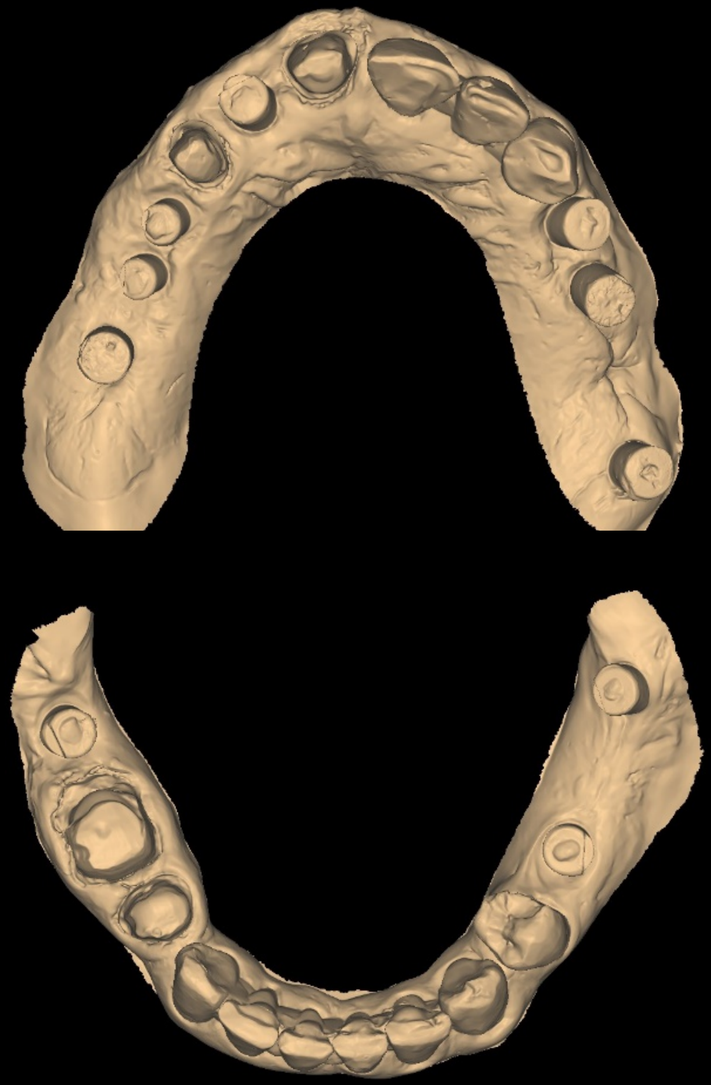


Impression / Trimming / Scan spray

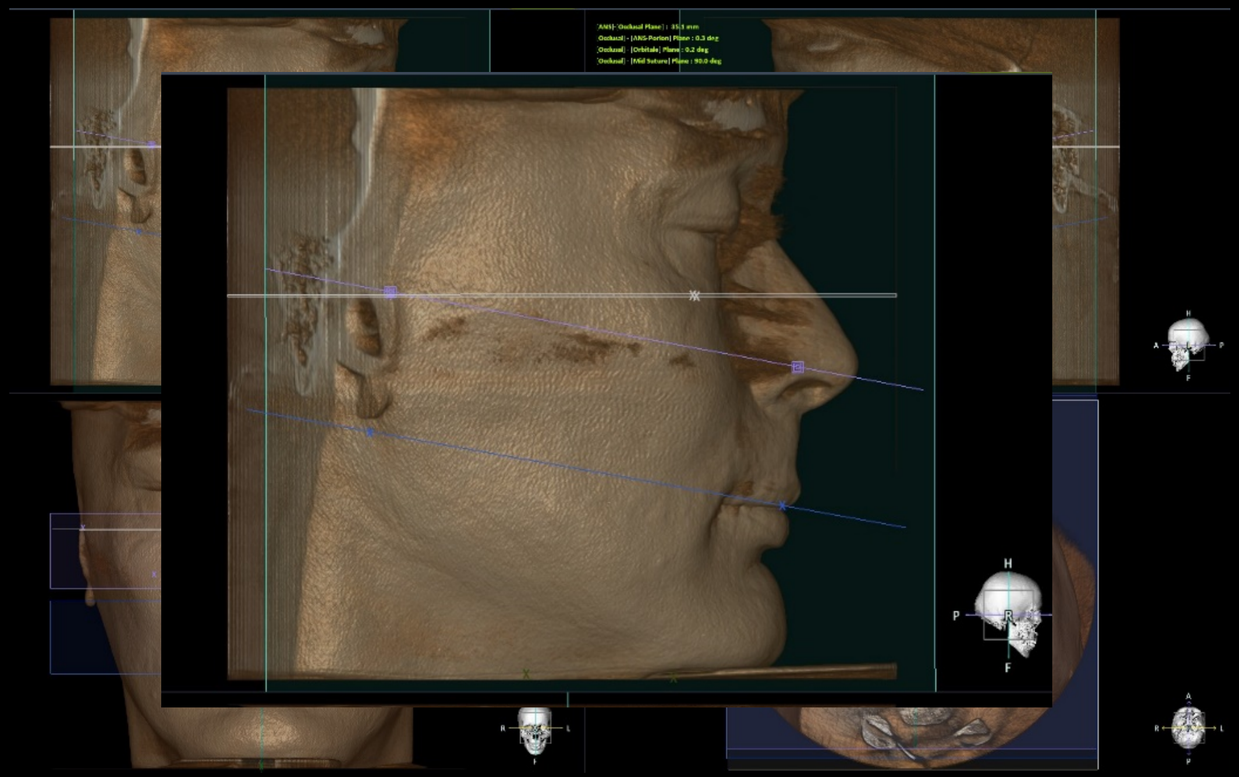


Working Model

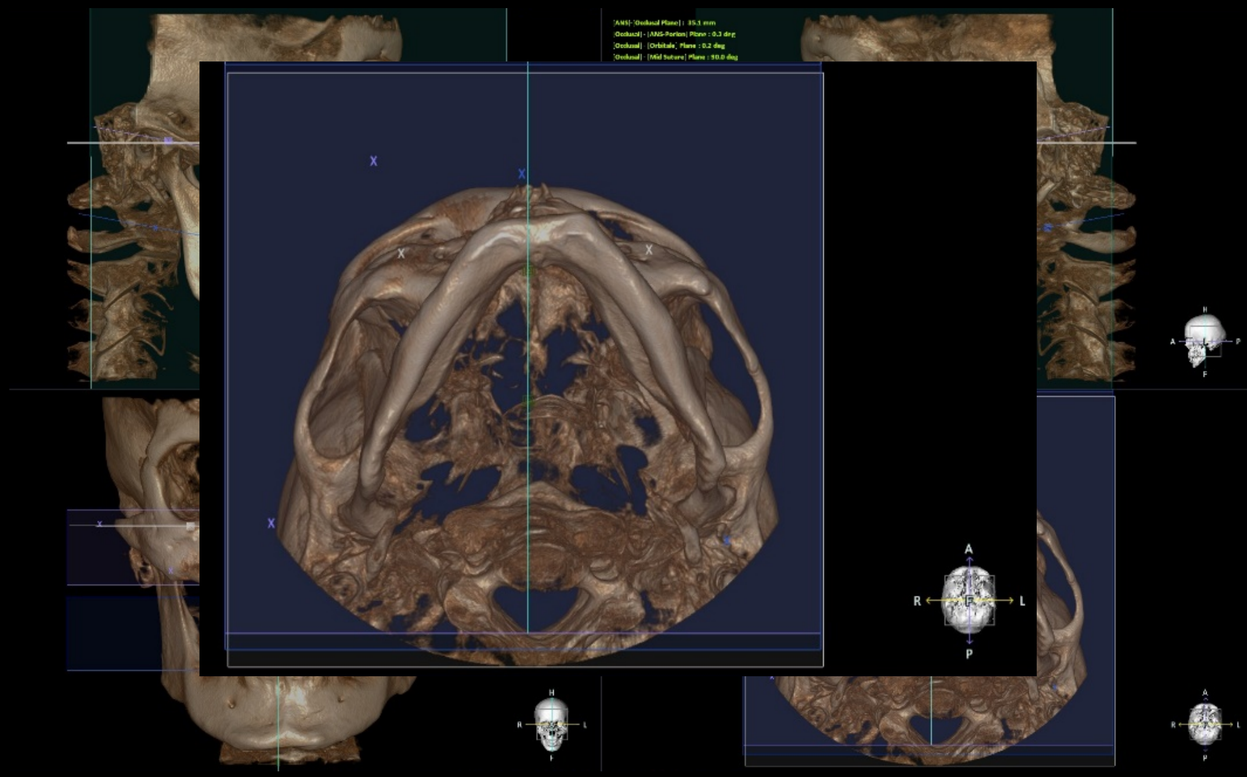




Cad Design

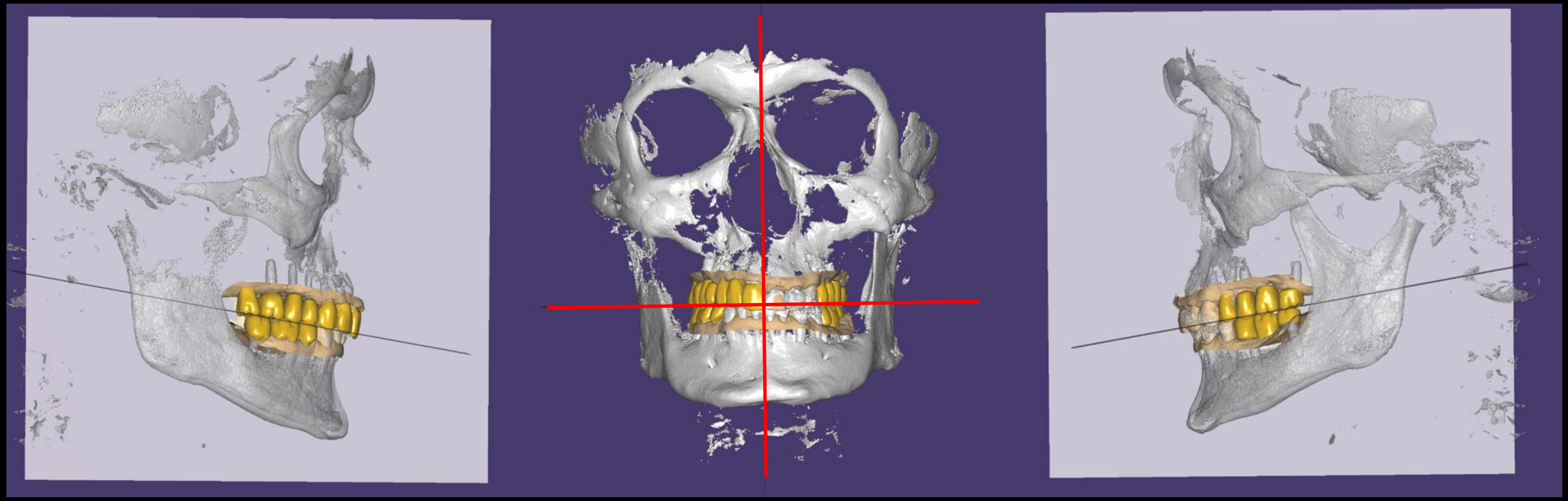


Soft Tissue

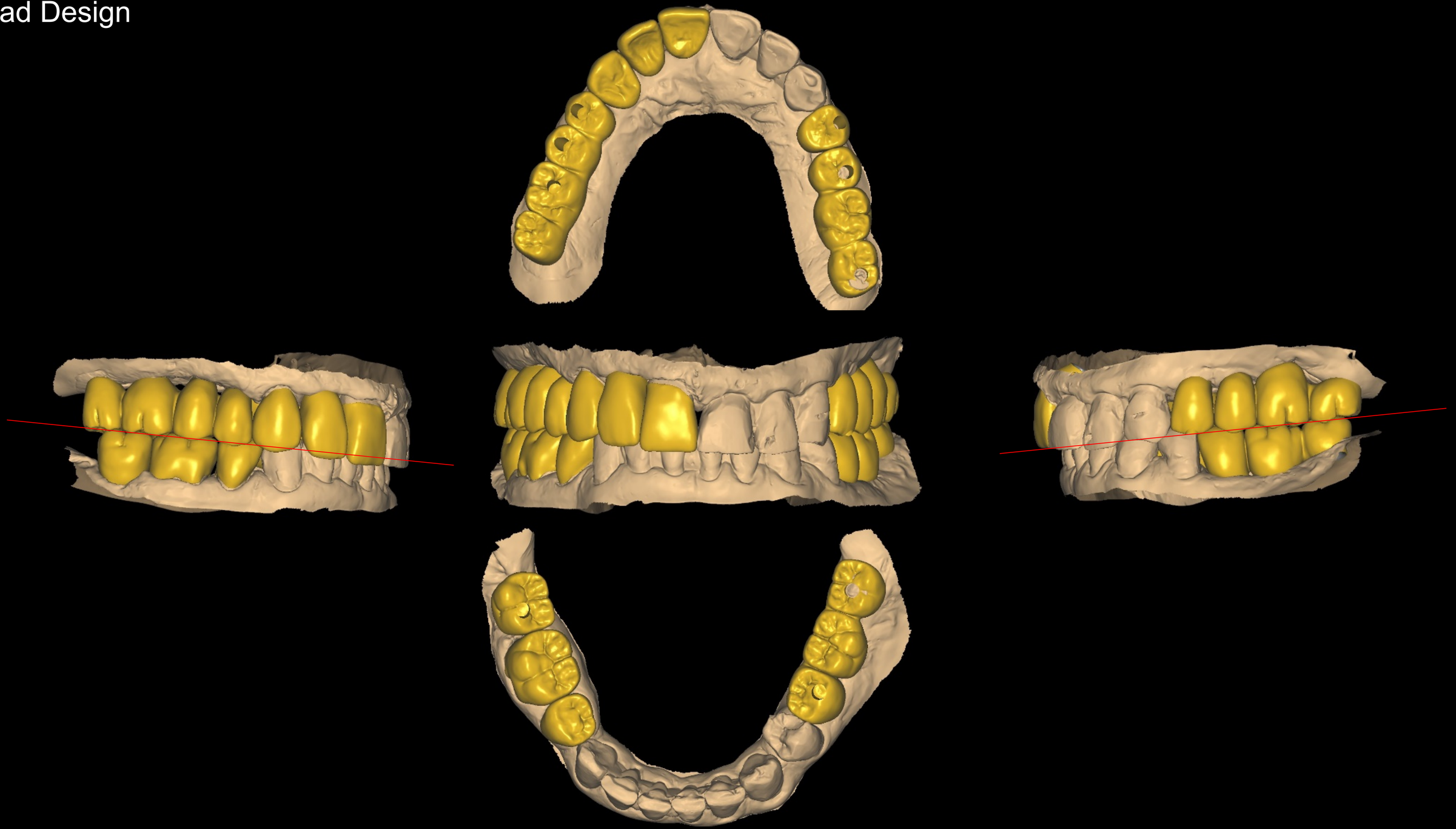


Hard Bone

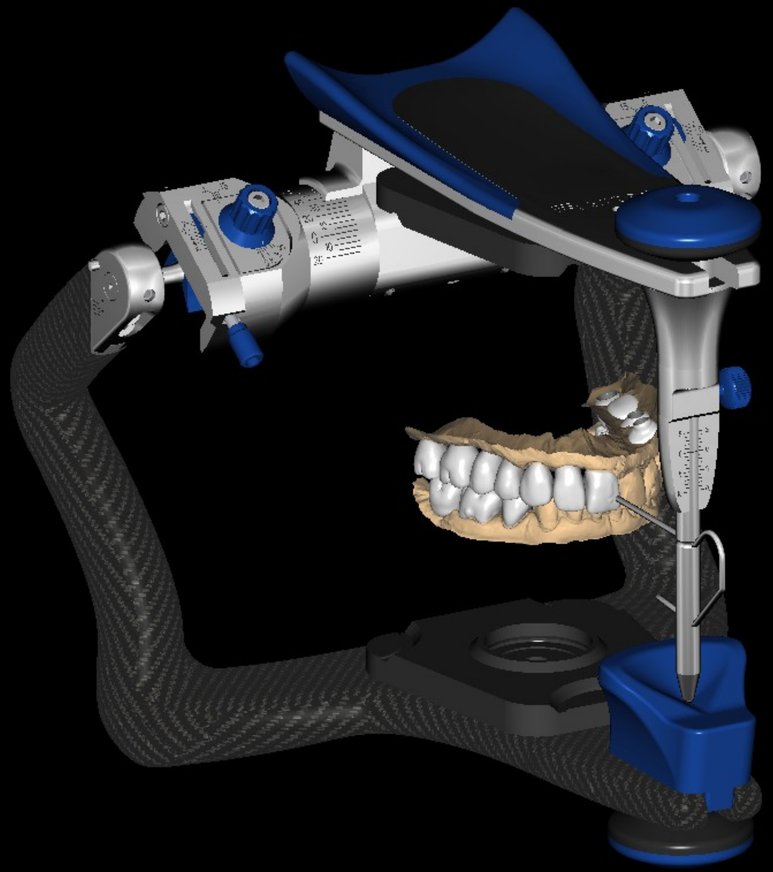
CAD (Final)



Cad Design

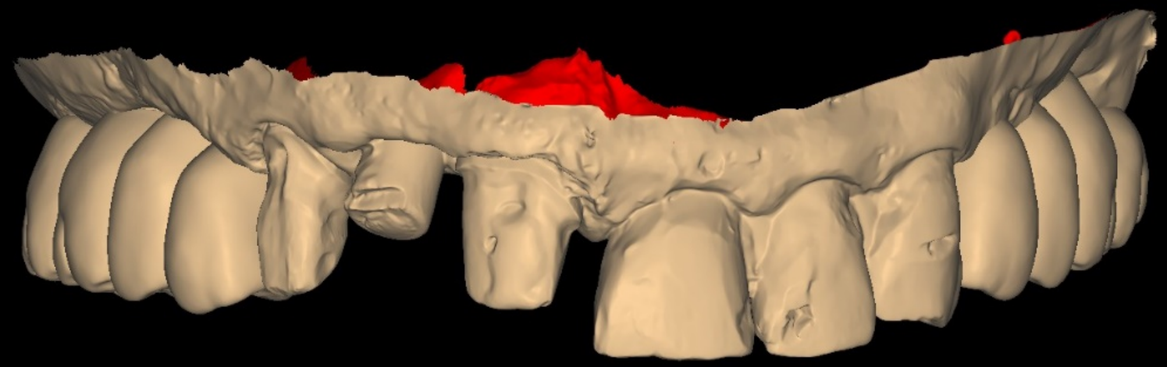


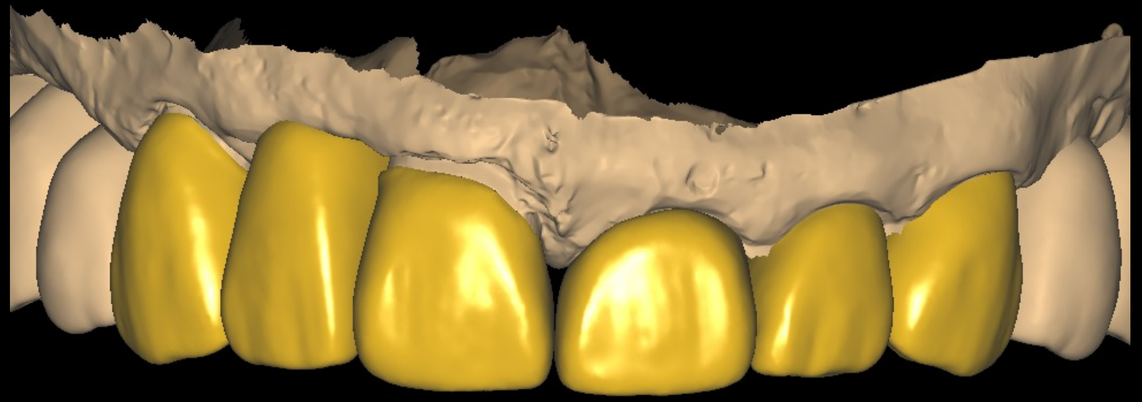
Cad Design

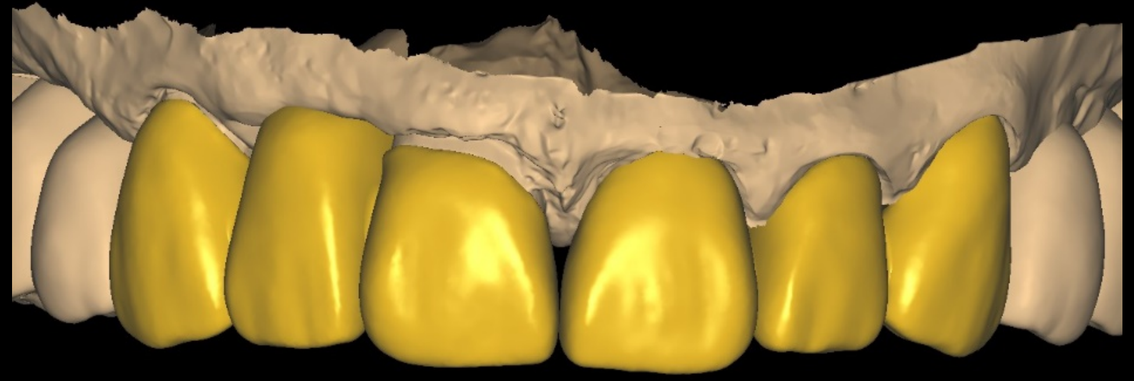




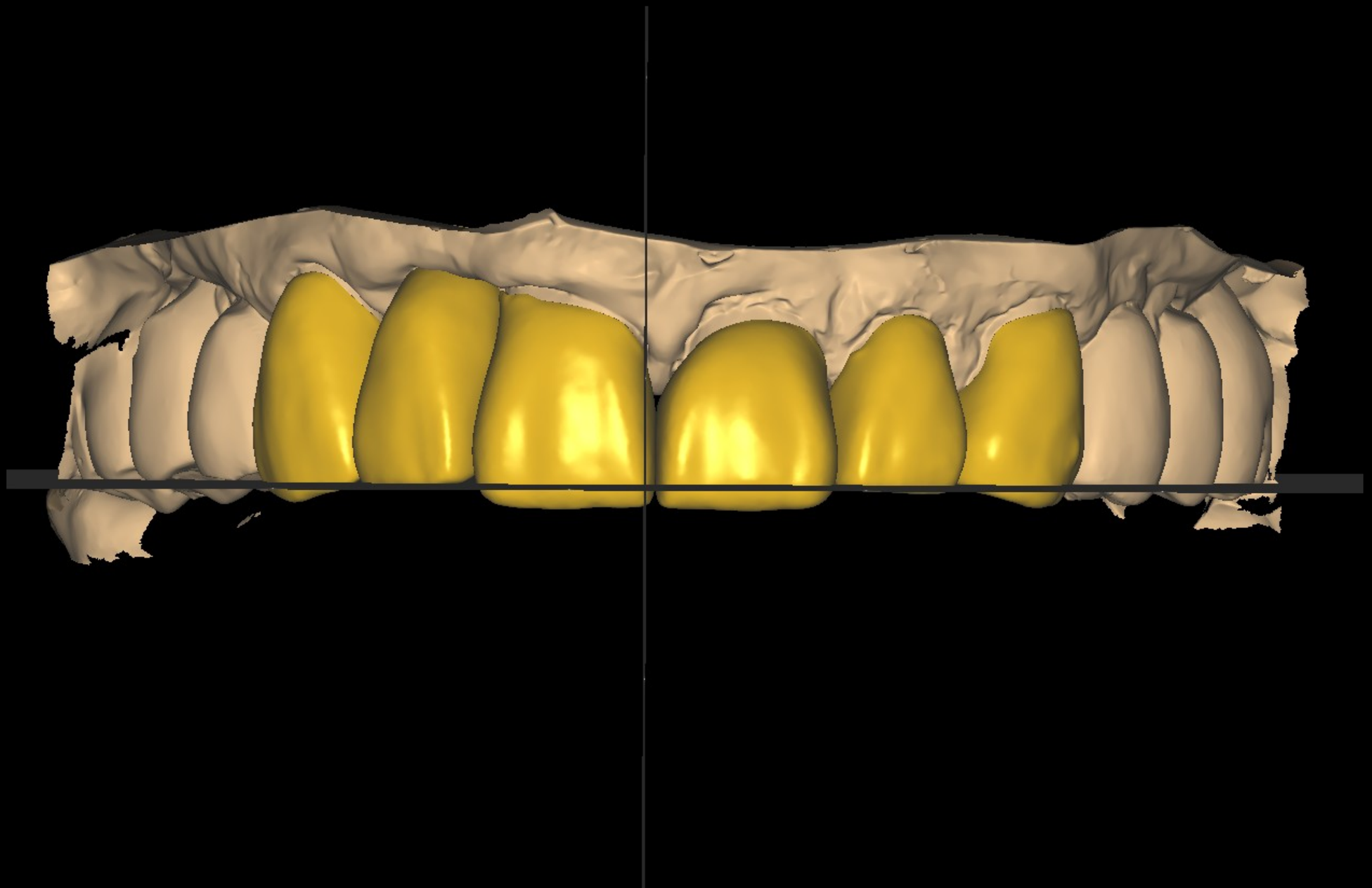
Cad Design







Cad Design



Shade taking



Milling / Finishing





Milling / Finishing



Final prosthesis (2023-11-16)









Oral Exam IOS (2023-04-12)











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





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







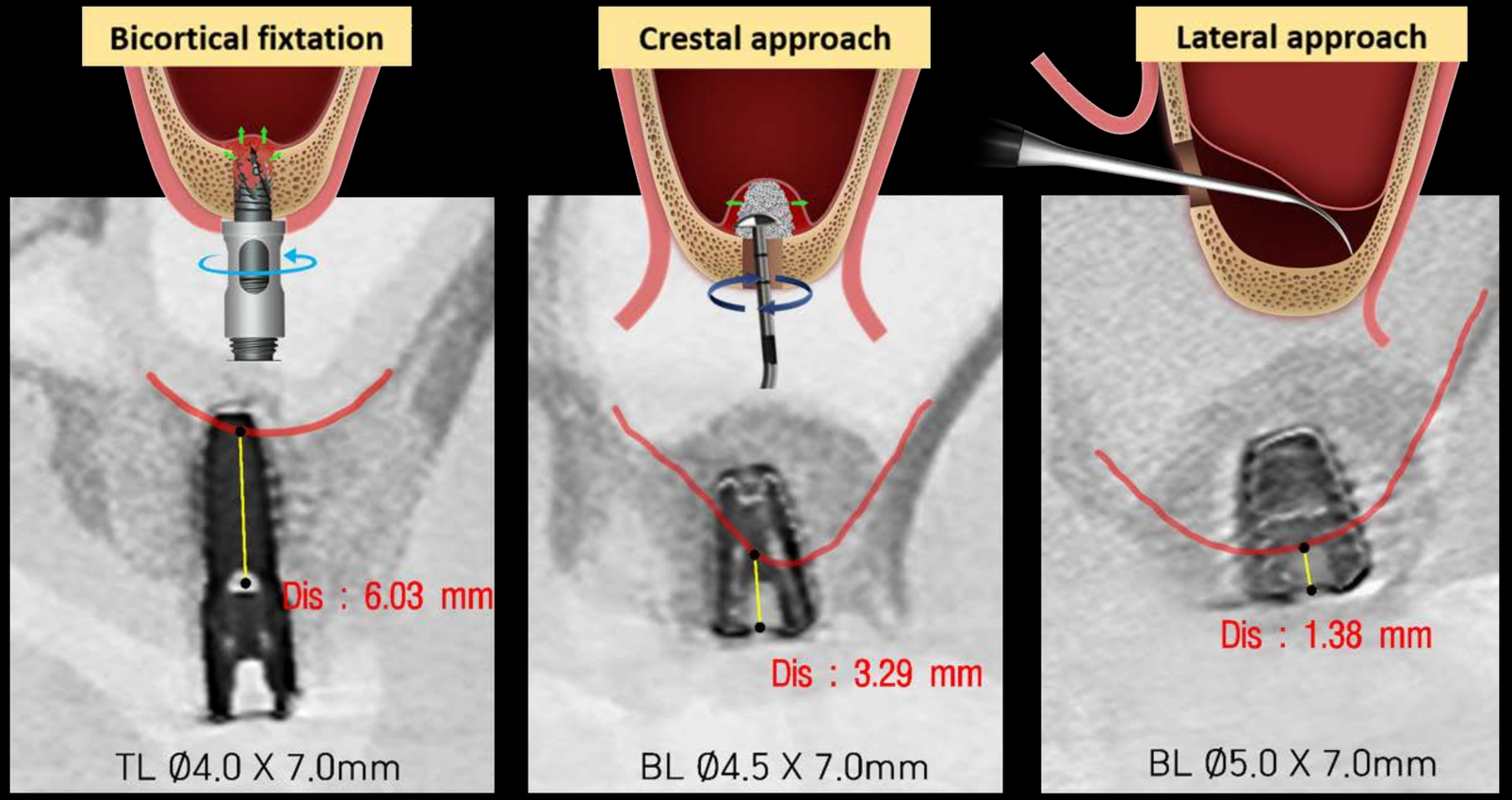
Final prosthesis (2023-11-16)



have a plan to whiten one's teeth

Final prosthesis (2023-11-16)





관심에 감사합니다

도움을 준 웰치과
삼성동팀에게 감사합니다