

Live surgery

Dr. Root

2019.08.30 (Fri.)

[Case Preview]

Implantation using Digital Guide
& Both maxillary Sinus elevation

Patient Information

Age : 57y

Sex : Male

Chief Complaint

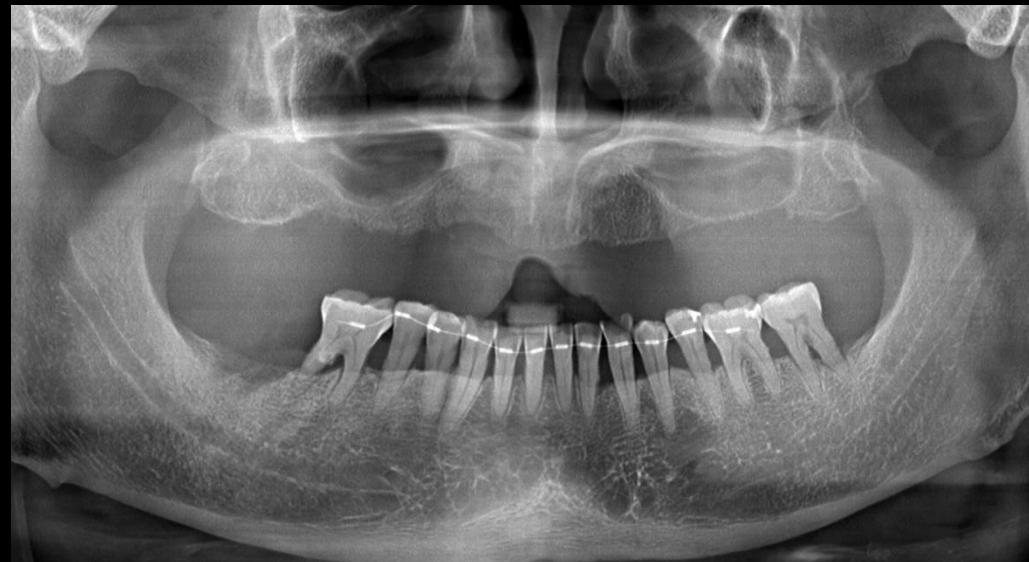
: " I have a problem chewing food.
So, I want an implant surgery consultation"

Past Medical History

: Cerebral infarction (Taking a aspirin)
→ Stop taking aspirin for three days before surgery

Past Dental History

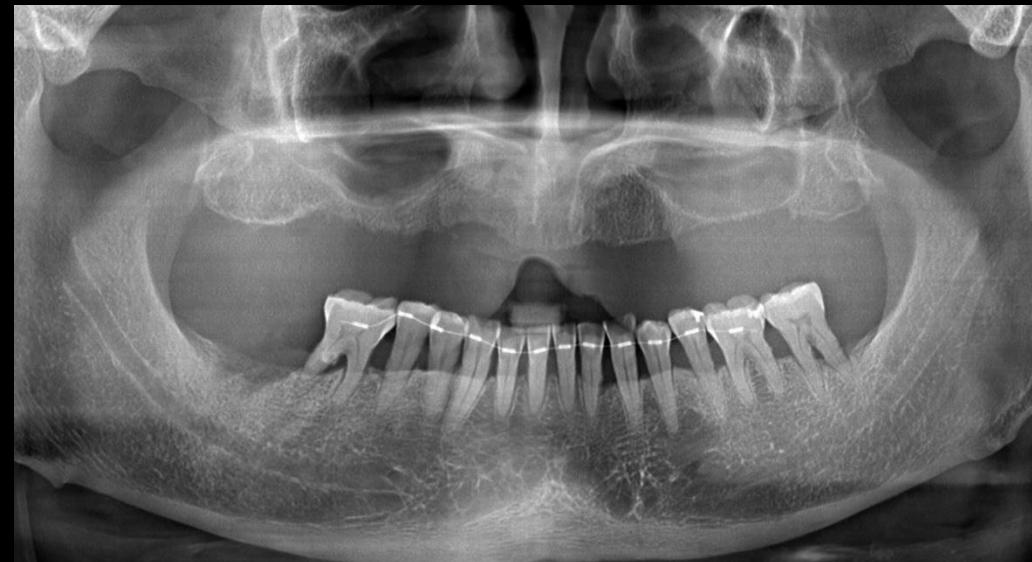
: Extraction Anterior tooth (2017.10.09)
Posterior tooth (2015)



Patient Information

Surgery Plan

- #13,14,15,23,24,25 Implantation
(Using Digital Guide)
- Contour augmentation on Anterior area
- Sinus elevation on Both Maxillary Posterior area
- Implantation on Palatal area
for Temporary Denture retention



Medication

Antibiotics

: Three times a day



Anti inflammatory Drugs

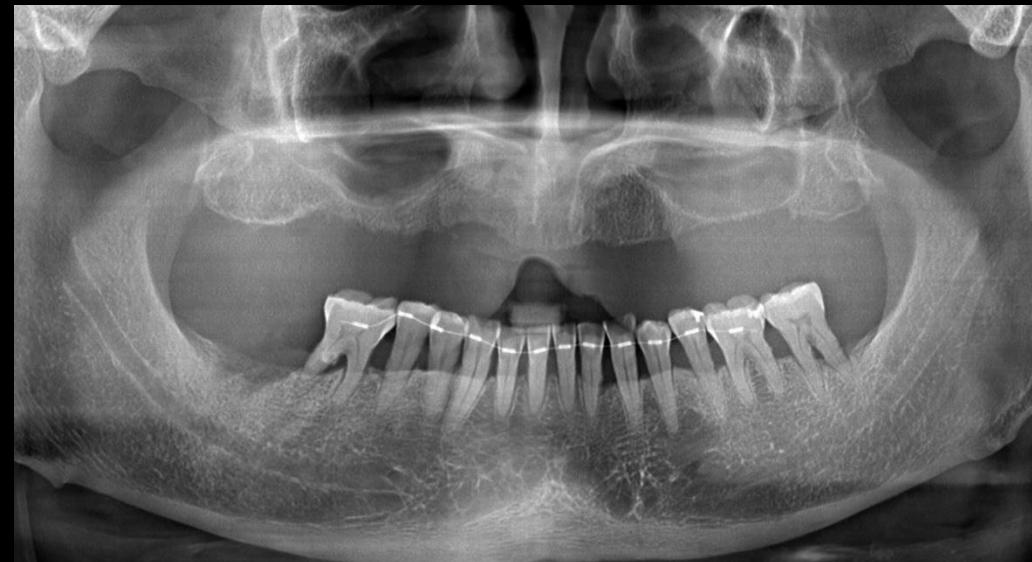
: Three times a day

Digestant

: Three times a day

Chlorhexidine

: Gargle



→ Take for 7 days (Premedication 1 day)

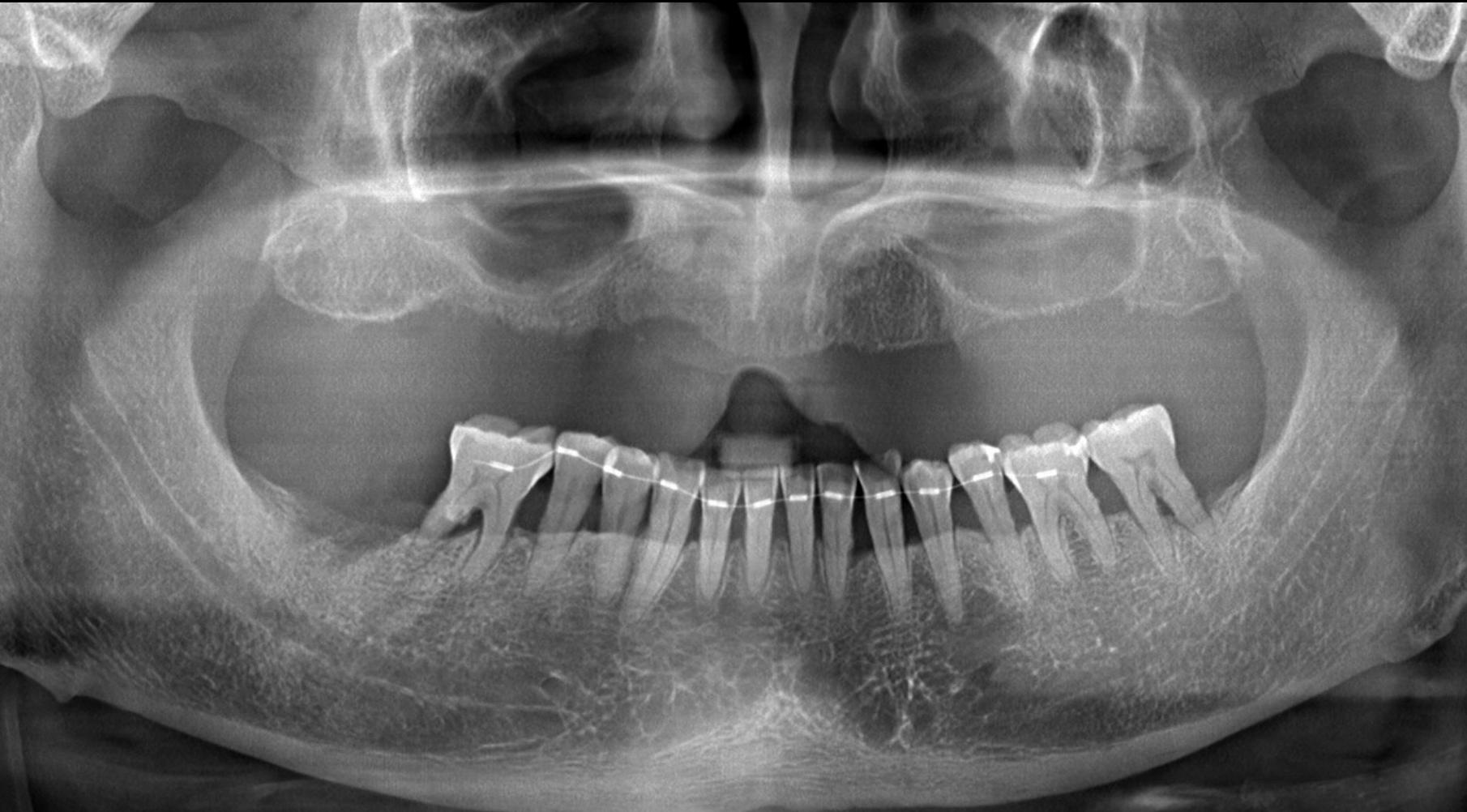
Pt. Kim (57y/M)

Oral exam (2019-08-07)



Pt. Kim (57y/M)

Pre-op (2019-08-28)



Initial Photo



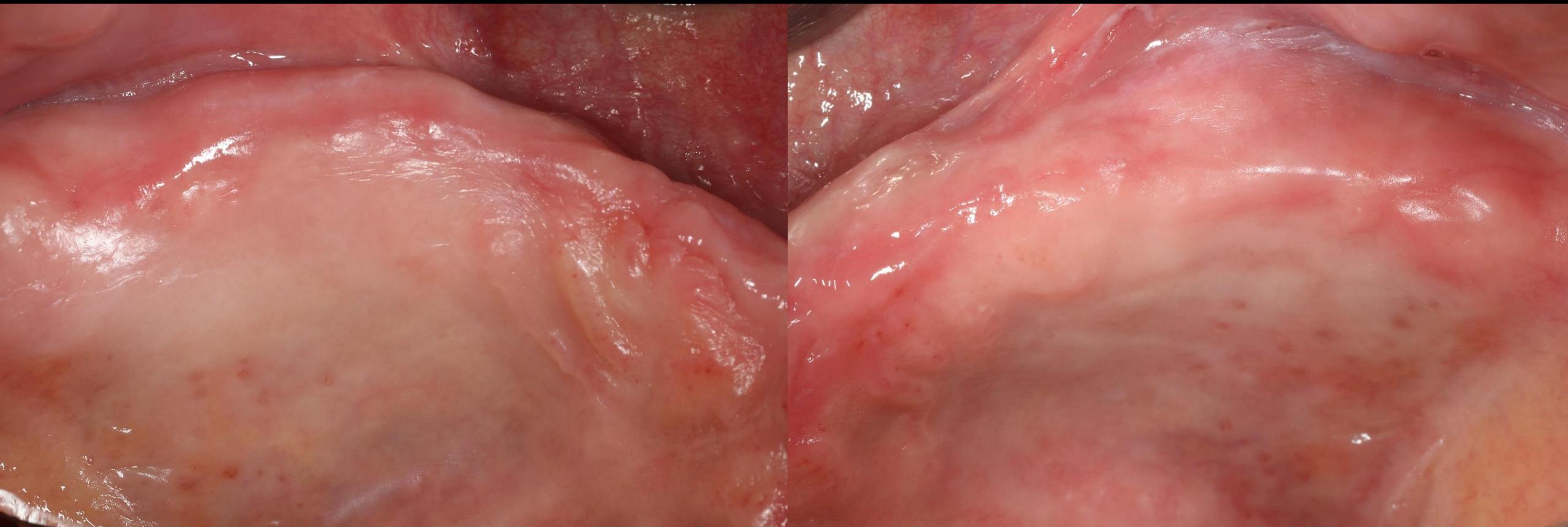
Initial Photo



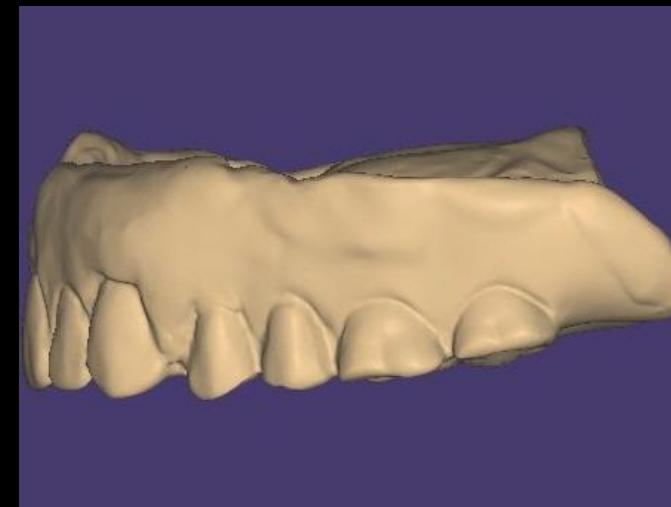
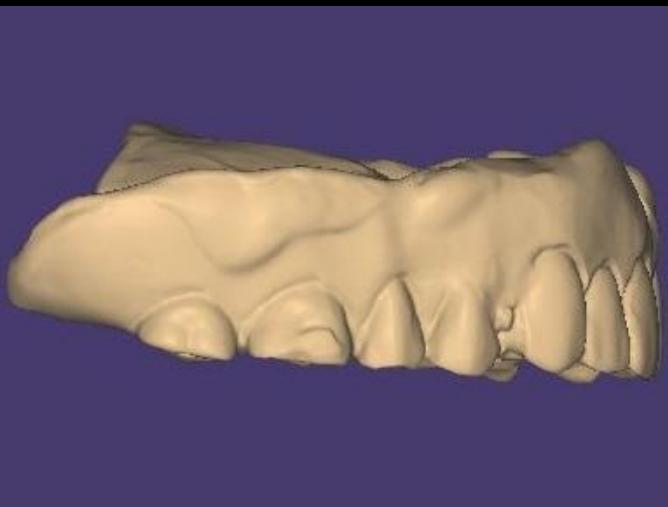
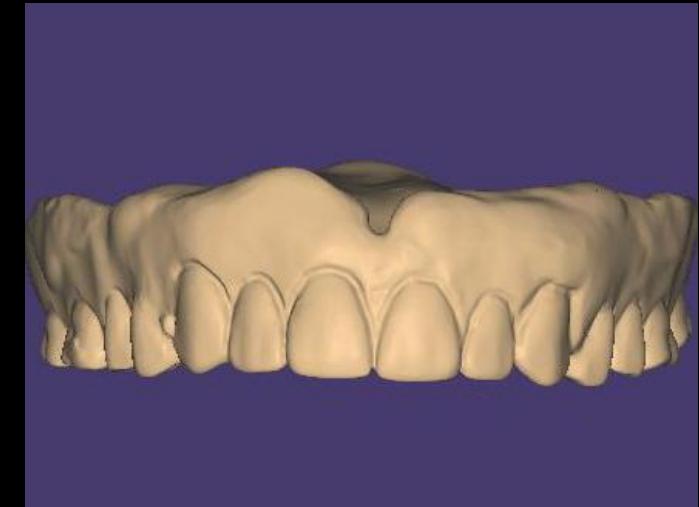
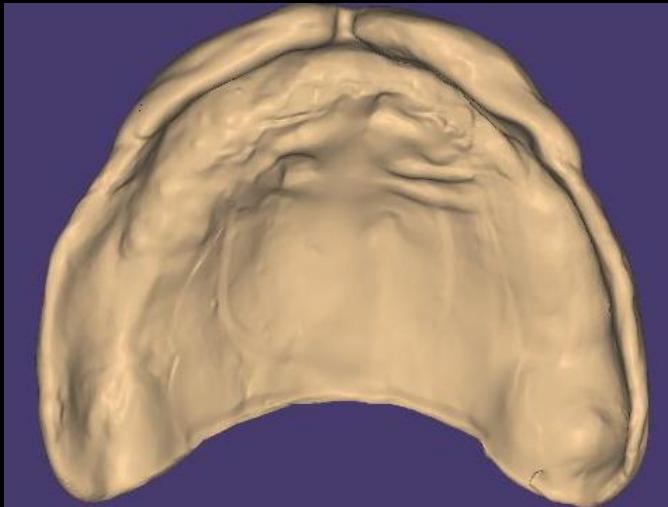
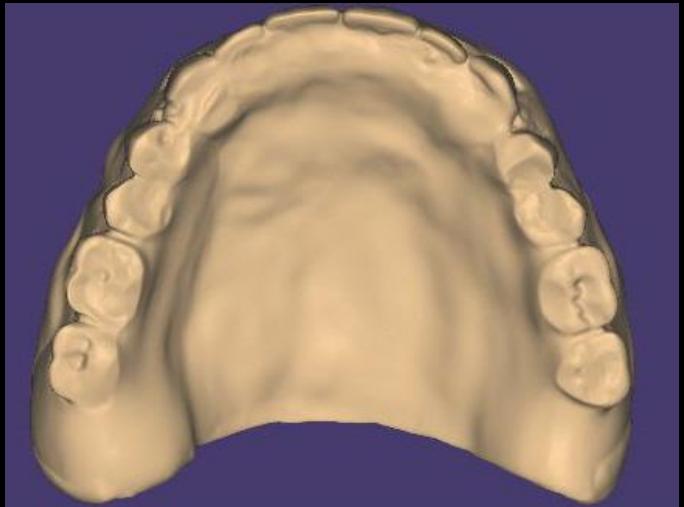
Initial Photo



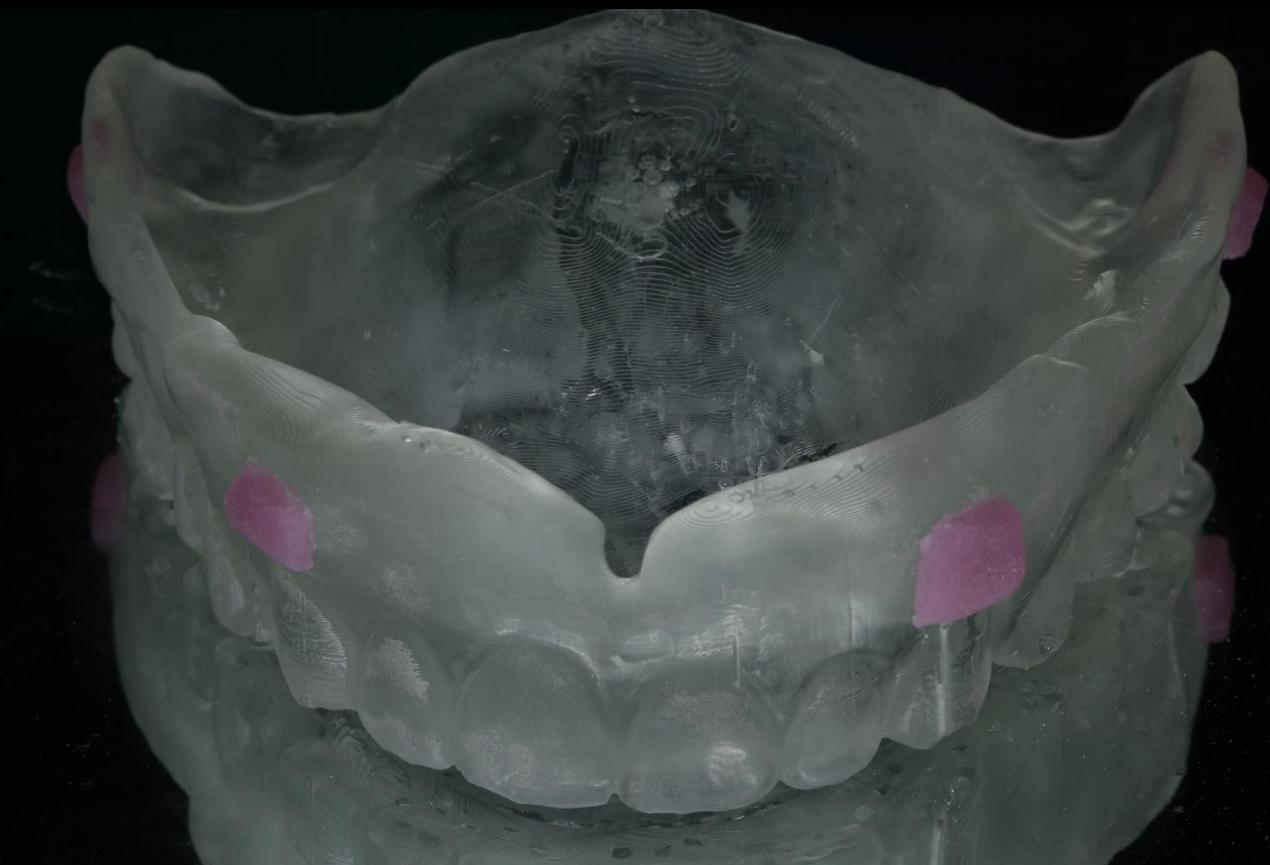
Initial Photo



Duplication Denture Design

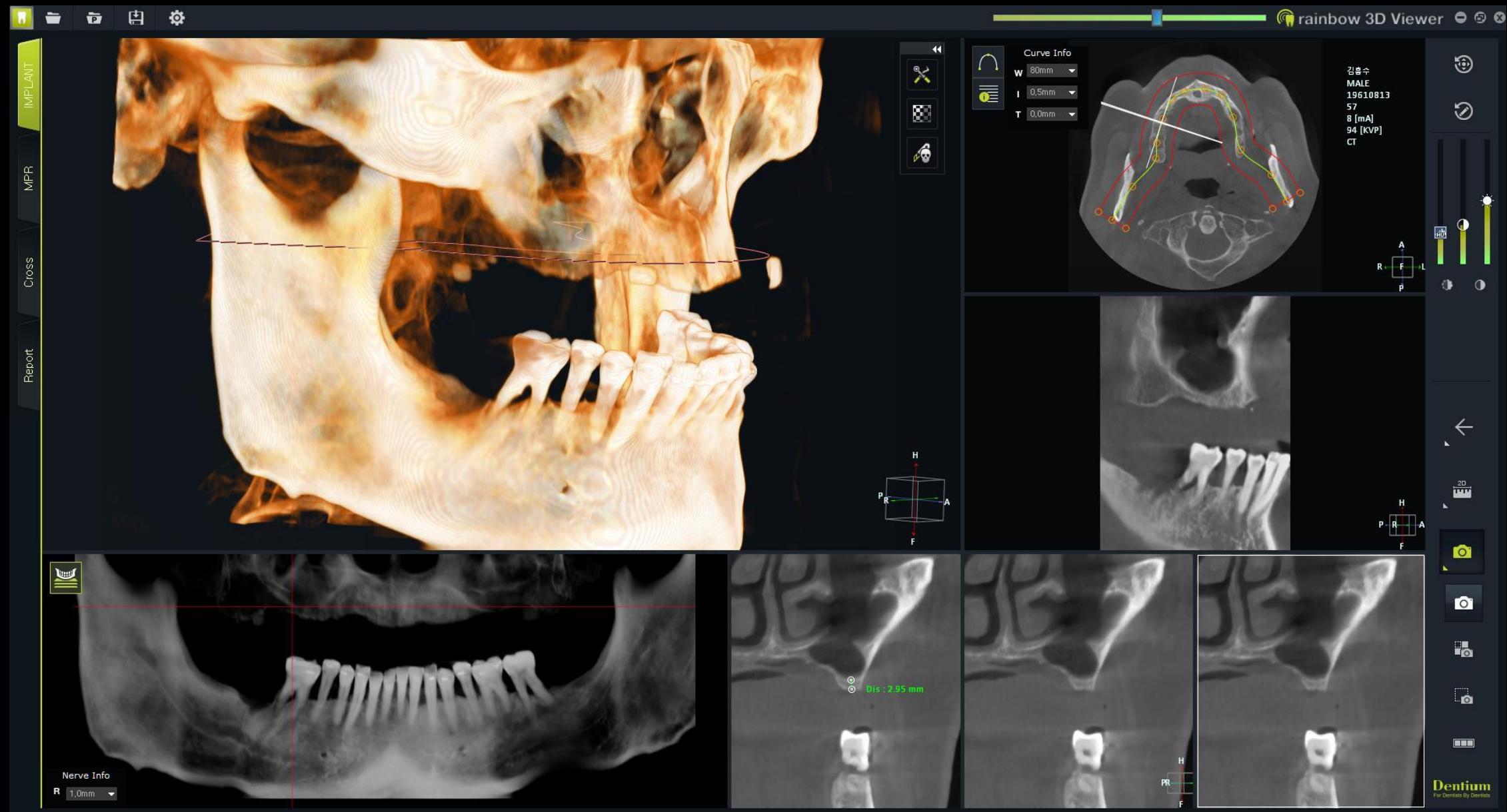


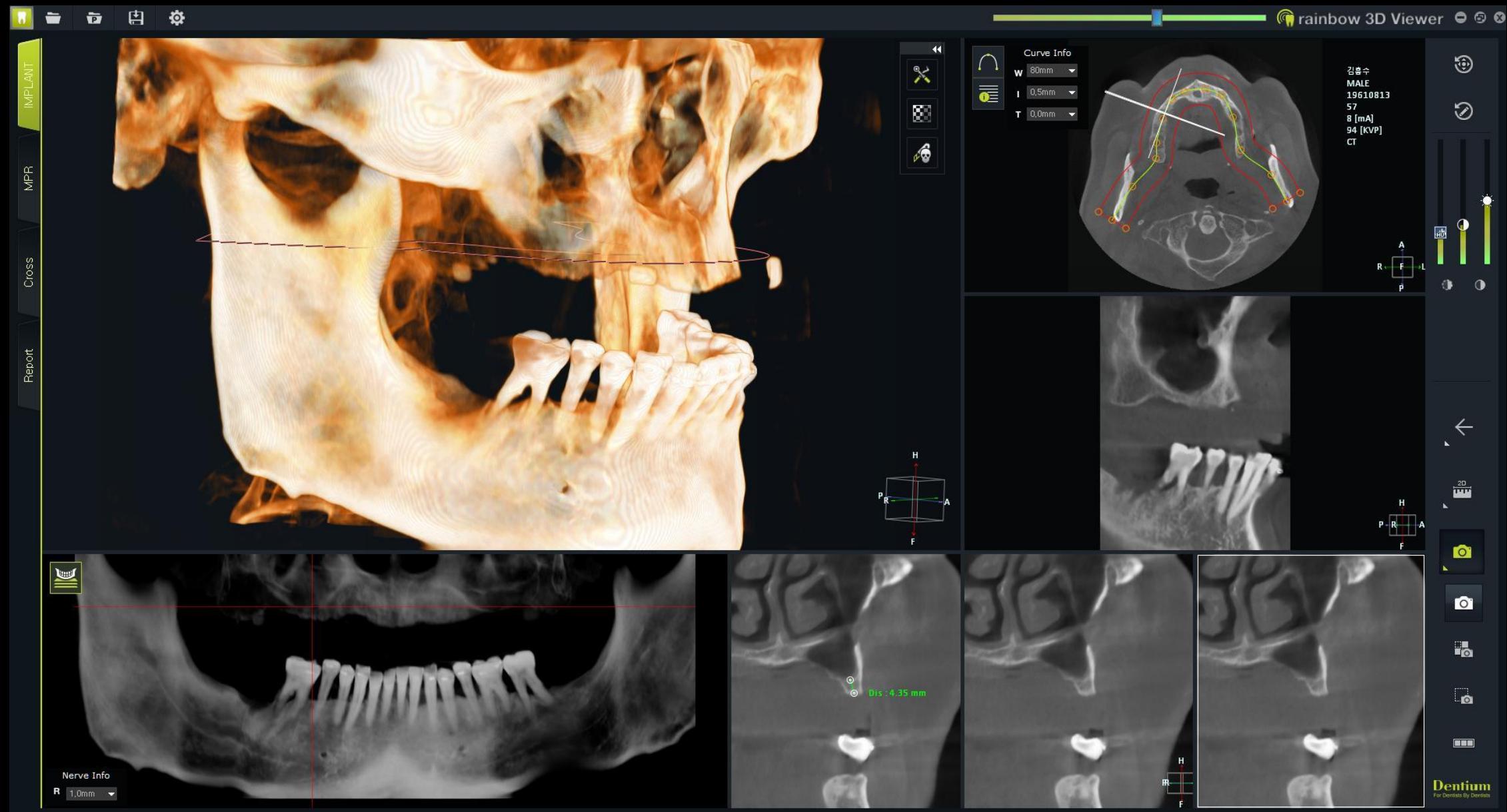
Duplication Denture (3D Printer)



Duplication Denture adaptation

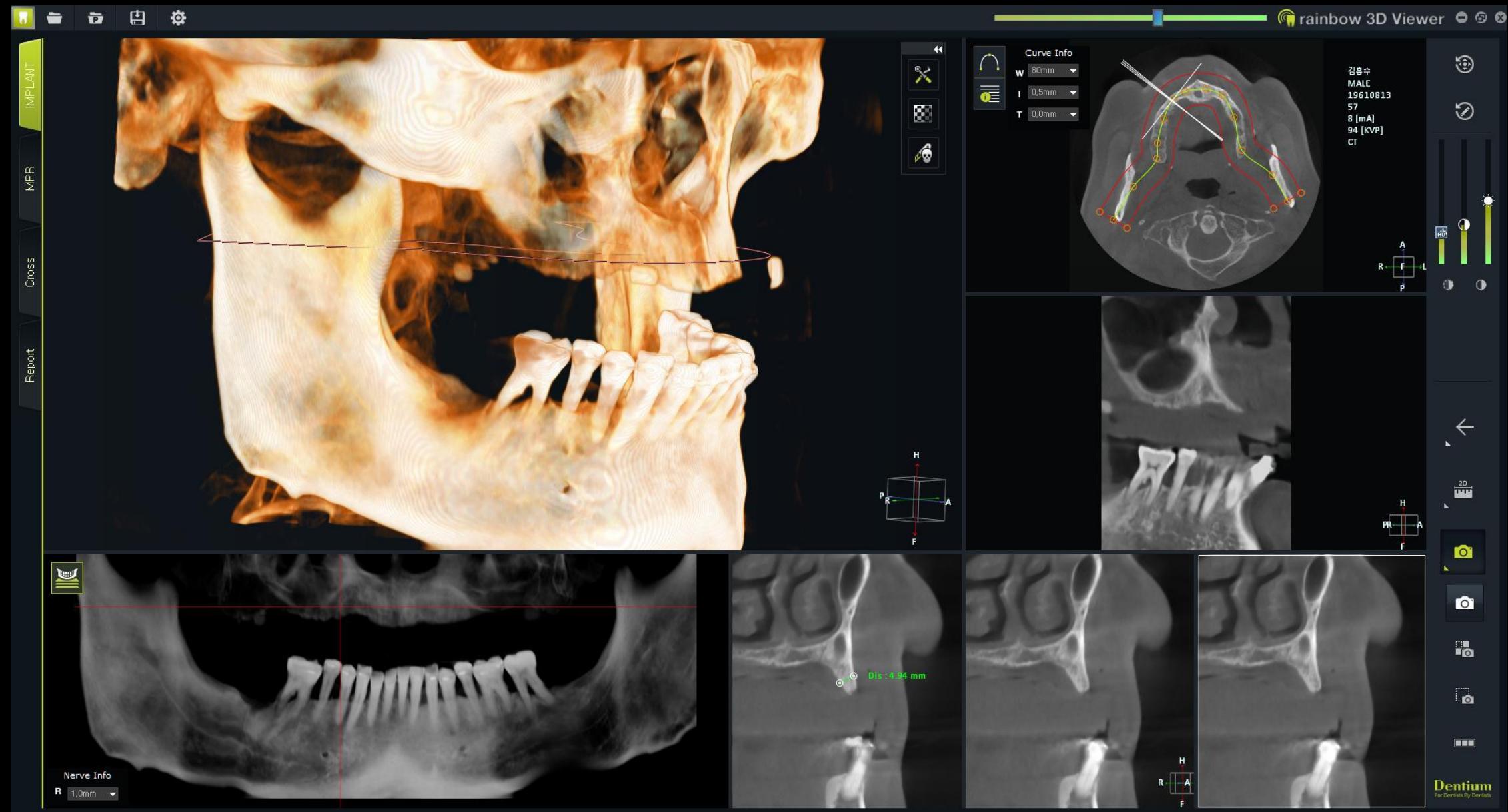






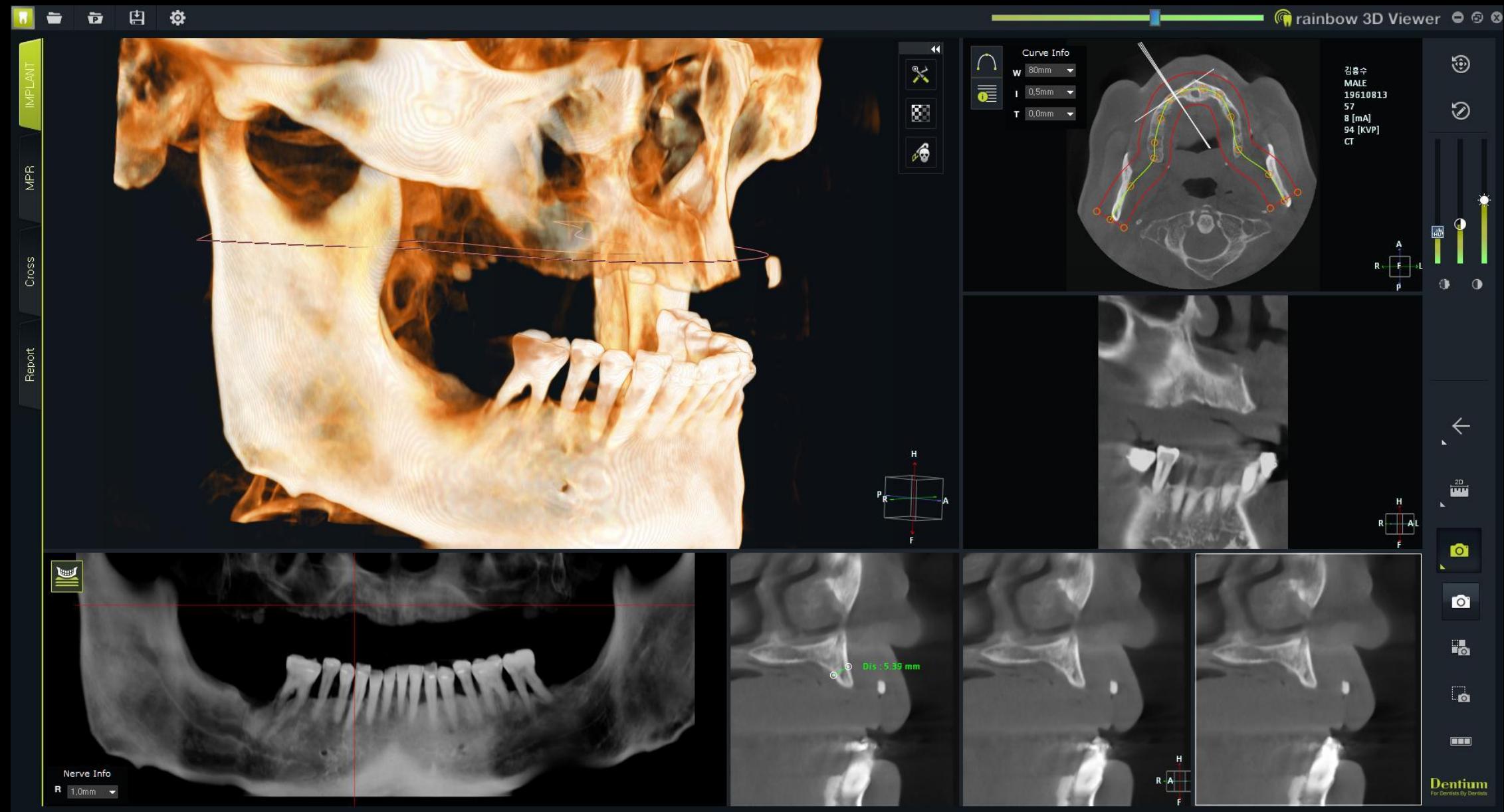
Pt. Kim (57y/M)

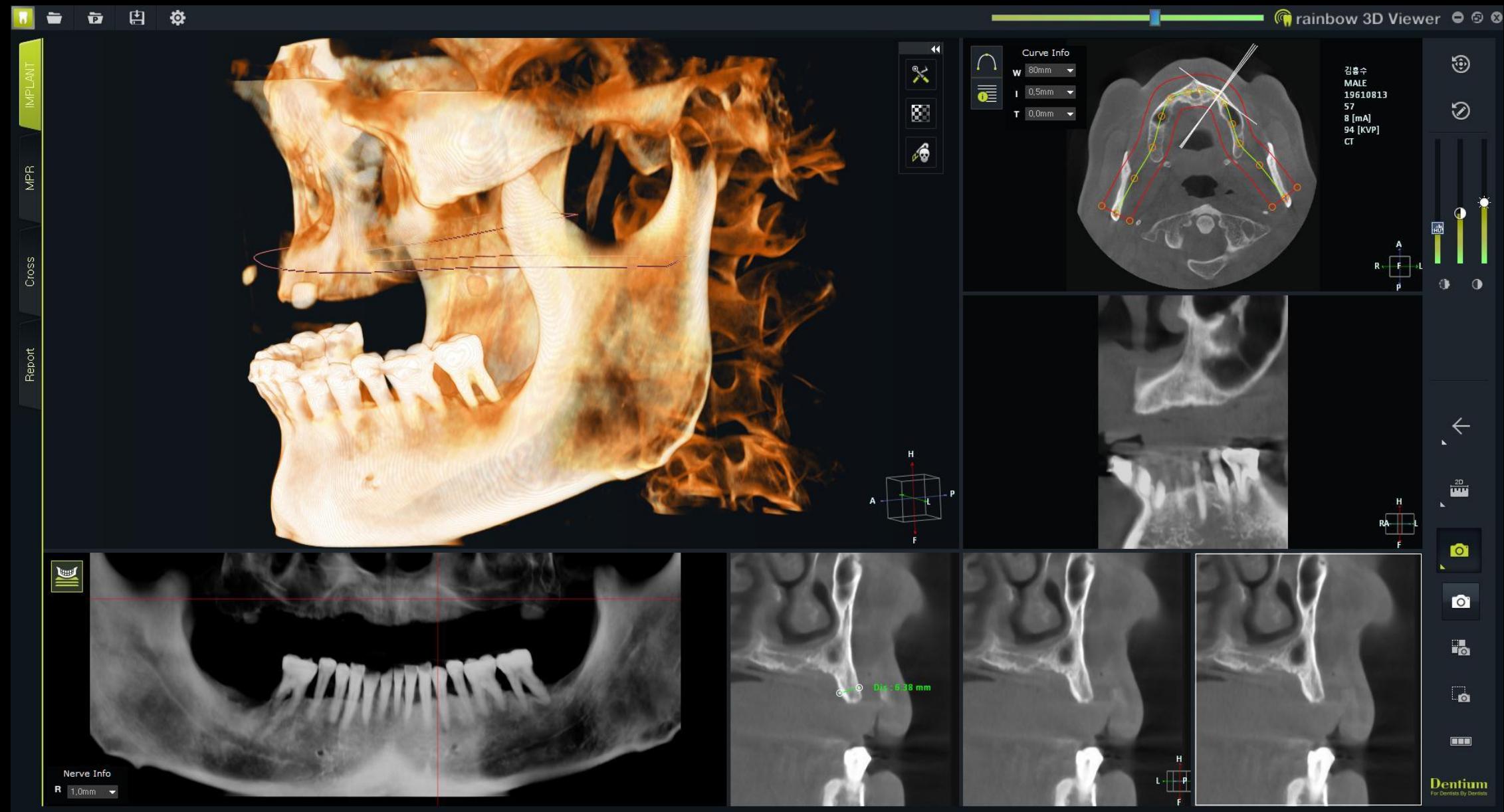
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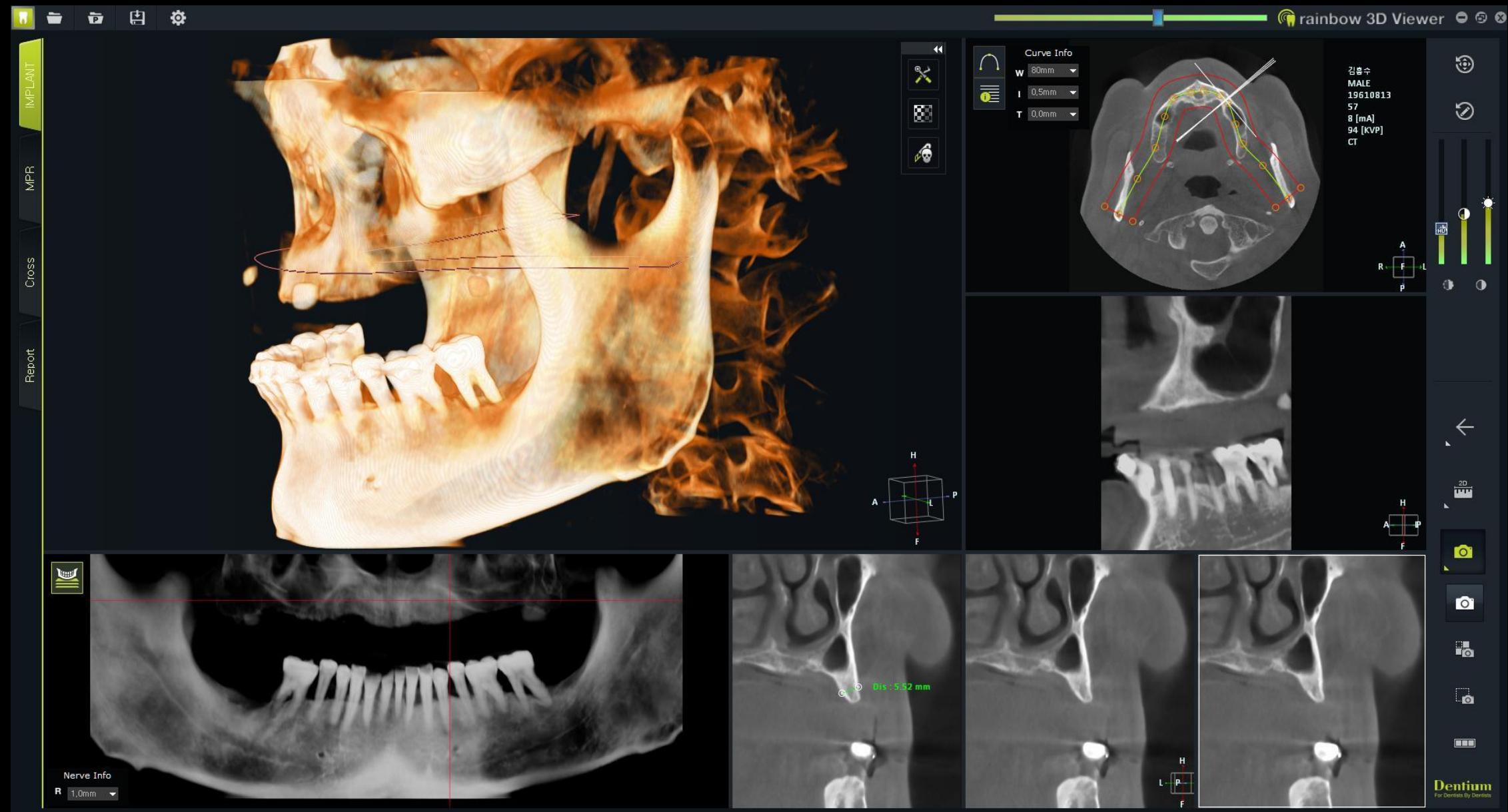


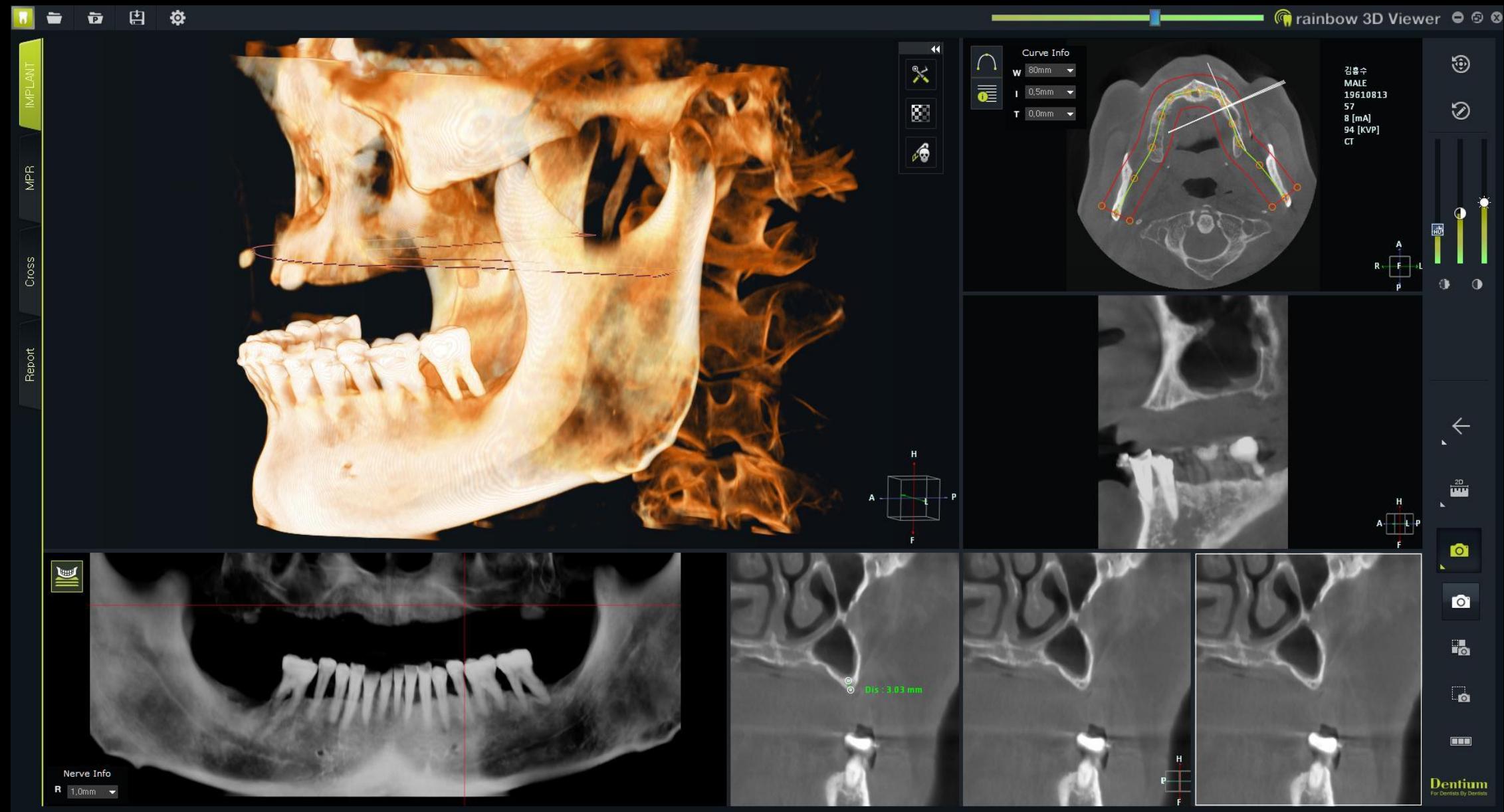
Pt. Kim (57y/M)

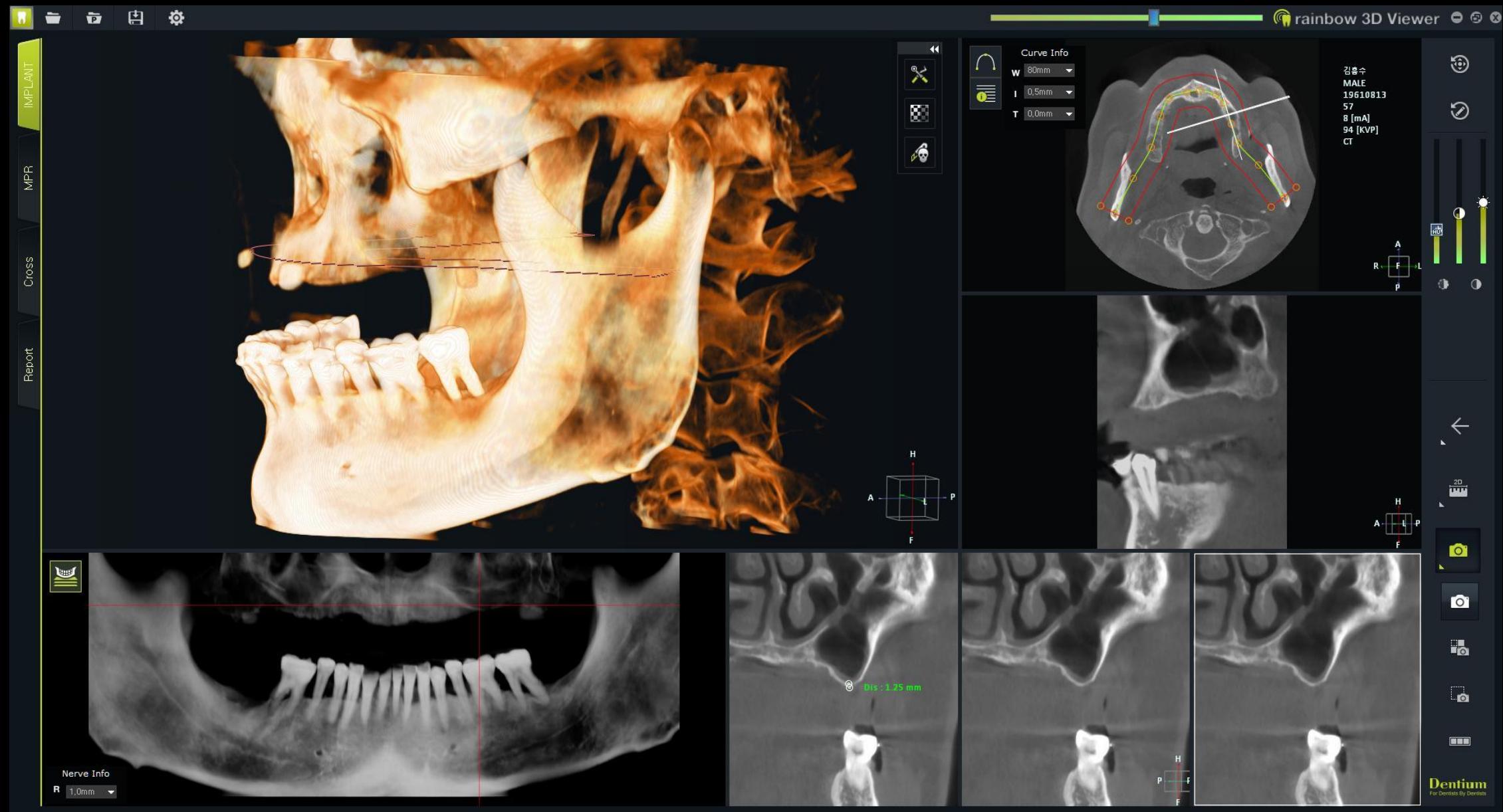
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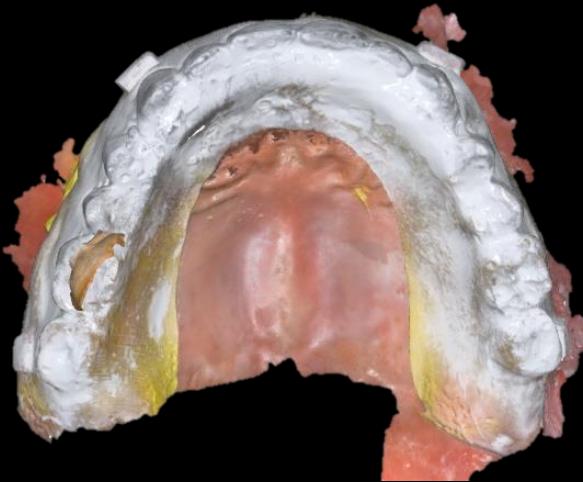




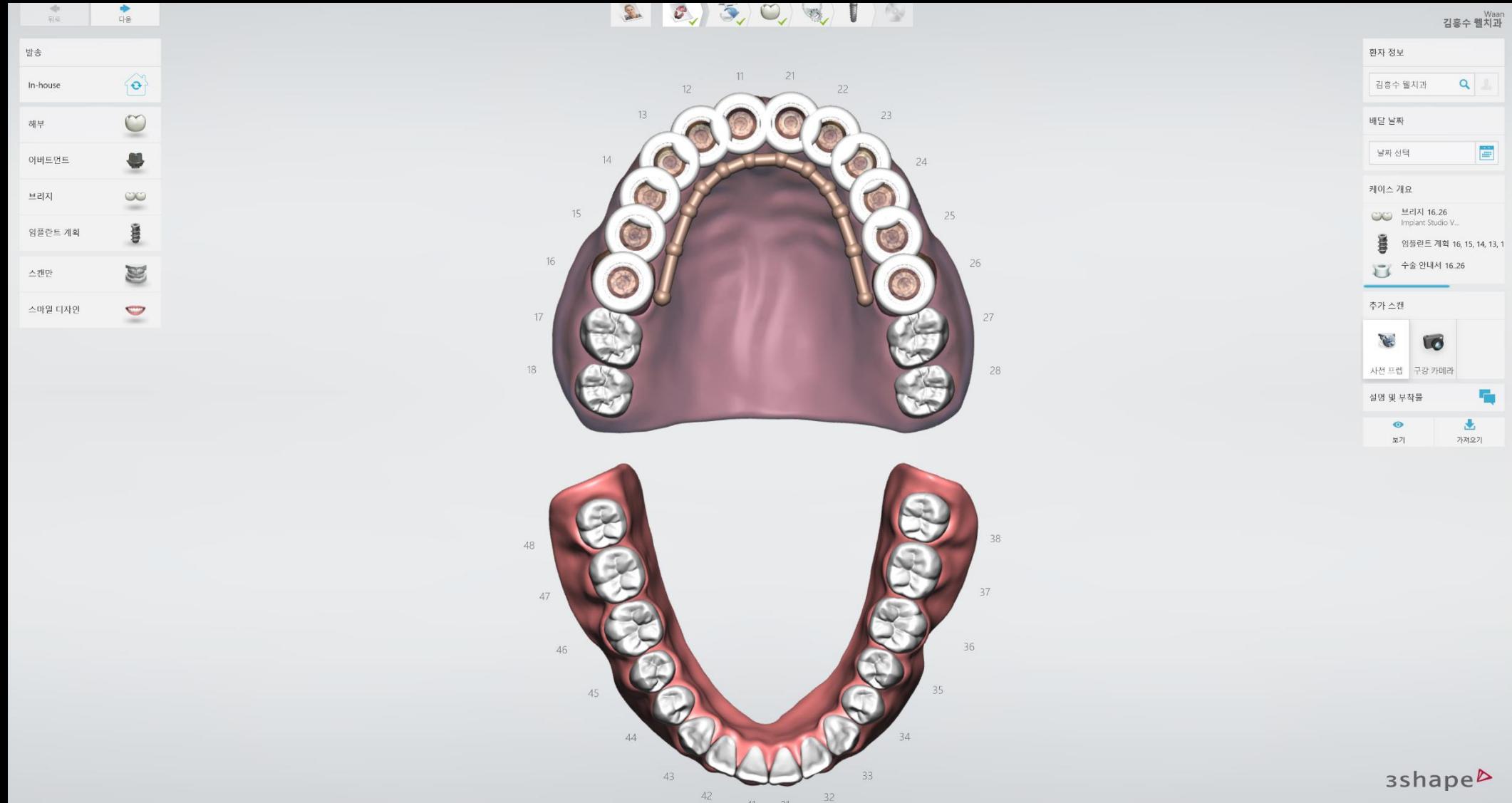




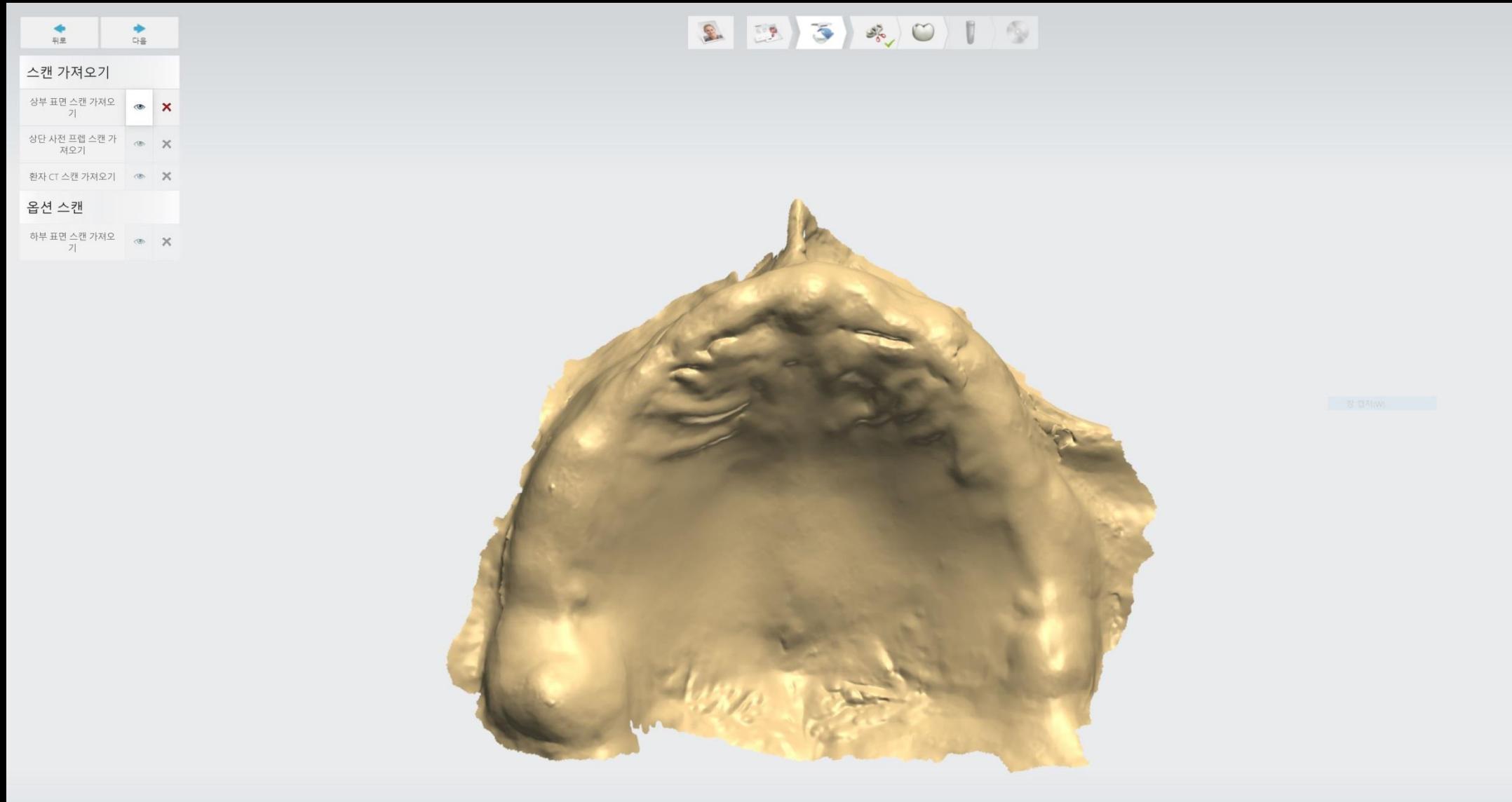
Intra Oral Scanning



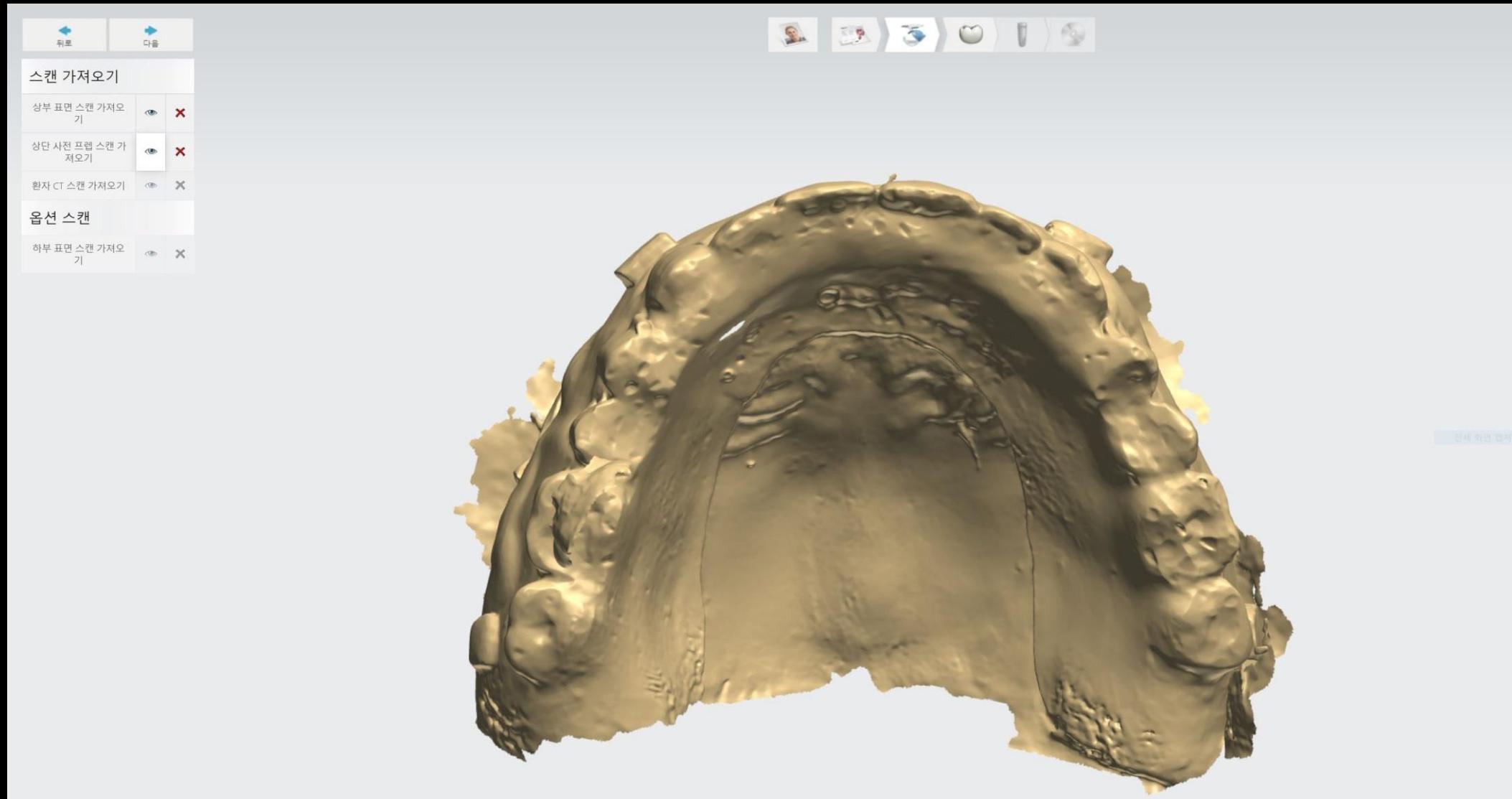
Digital Guide (Planning)



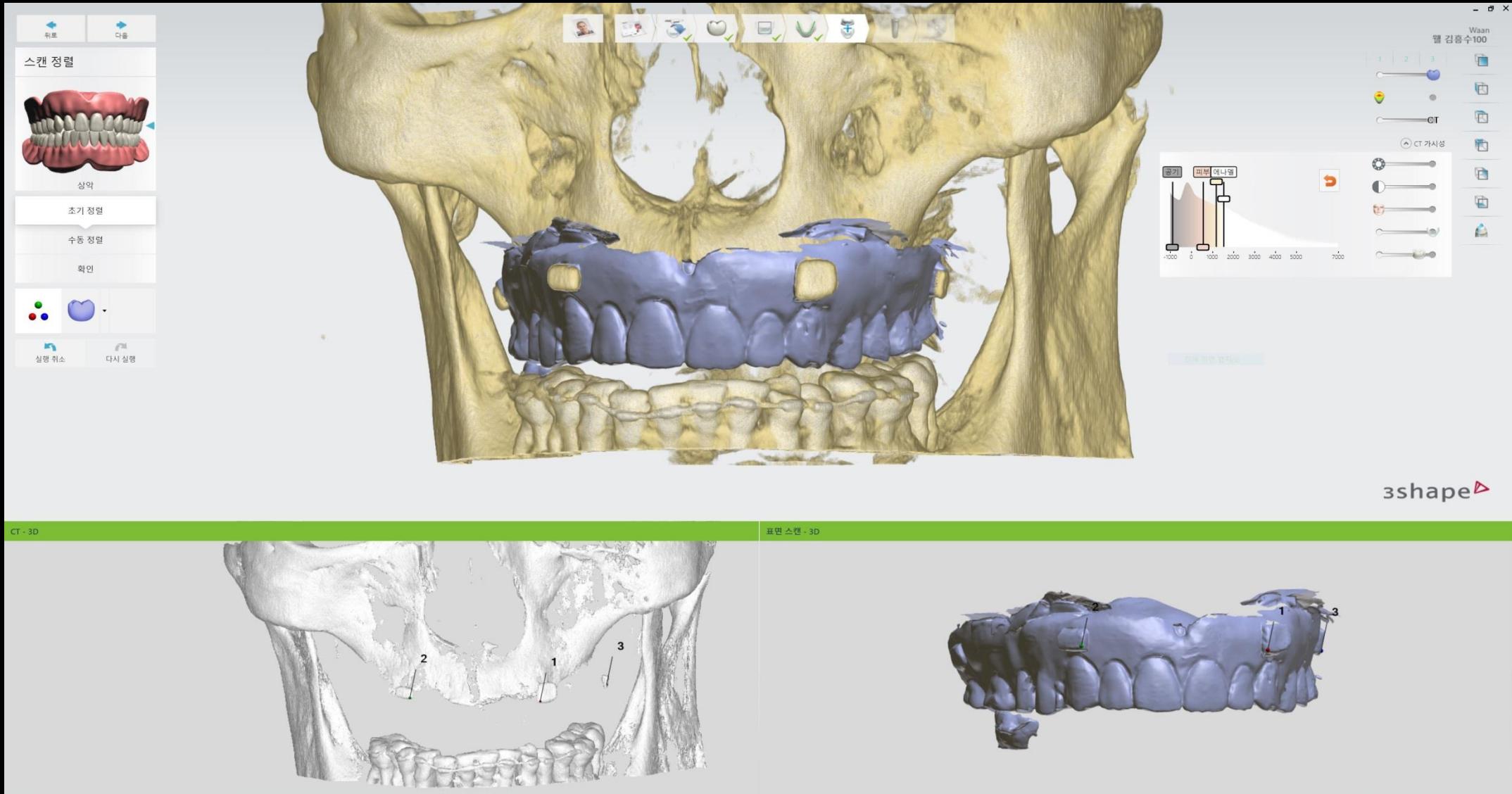
Digital Guide (Intra oral Scanning Data)



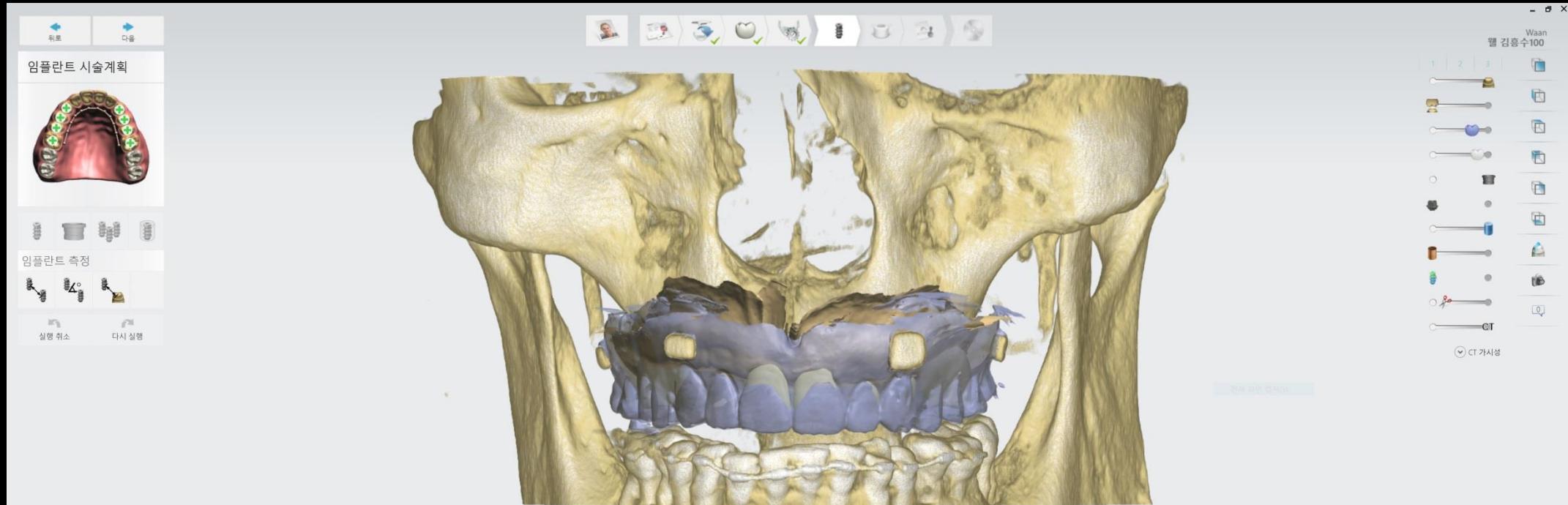
Digital Guide (Duplication Denture Scanning Data)



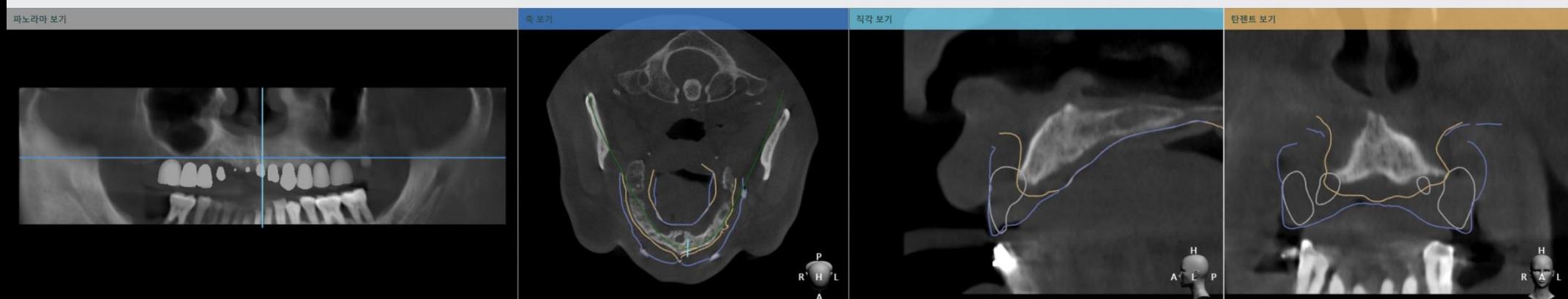
Digital Guide (3 Point Merging)



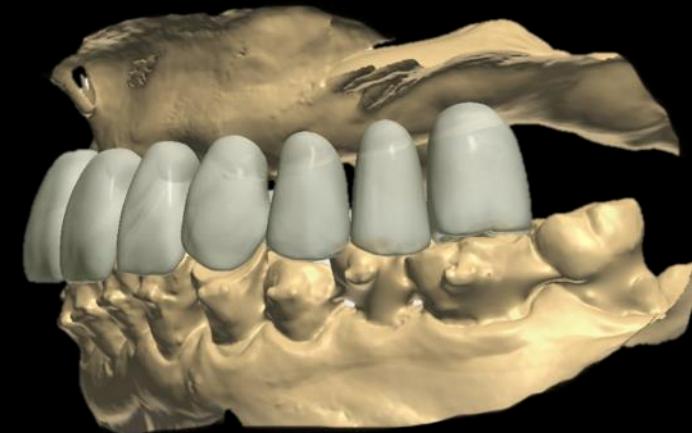
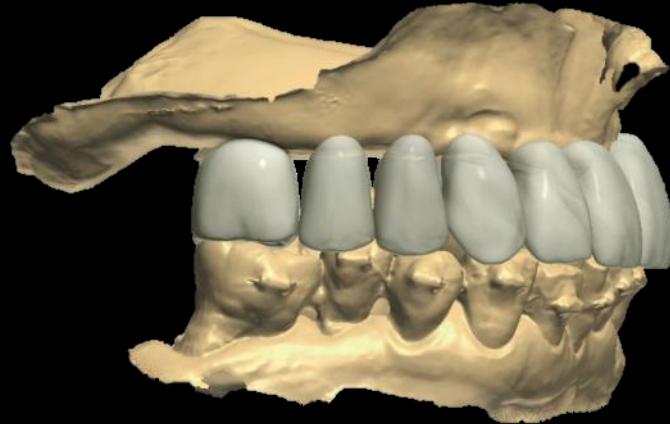
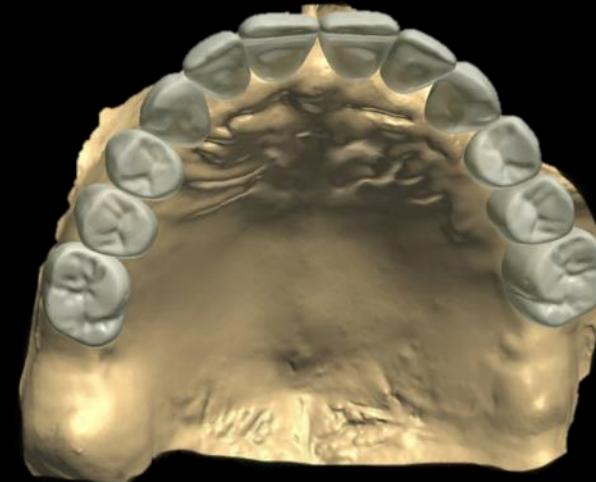
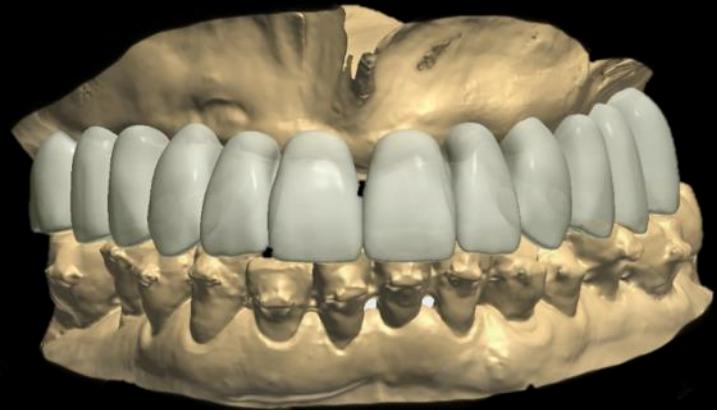
Digital Guide (Merging)



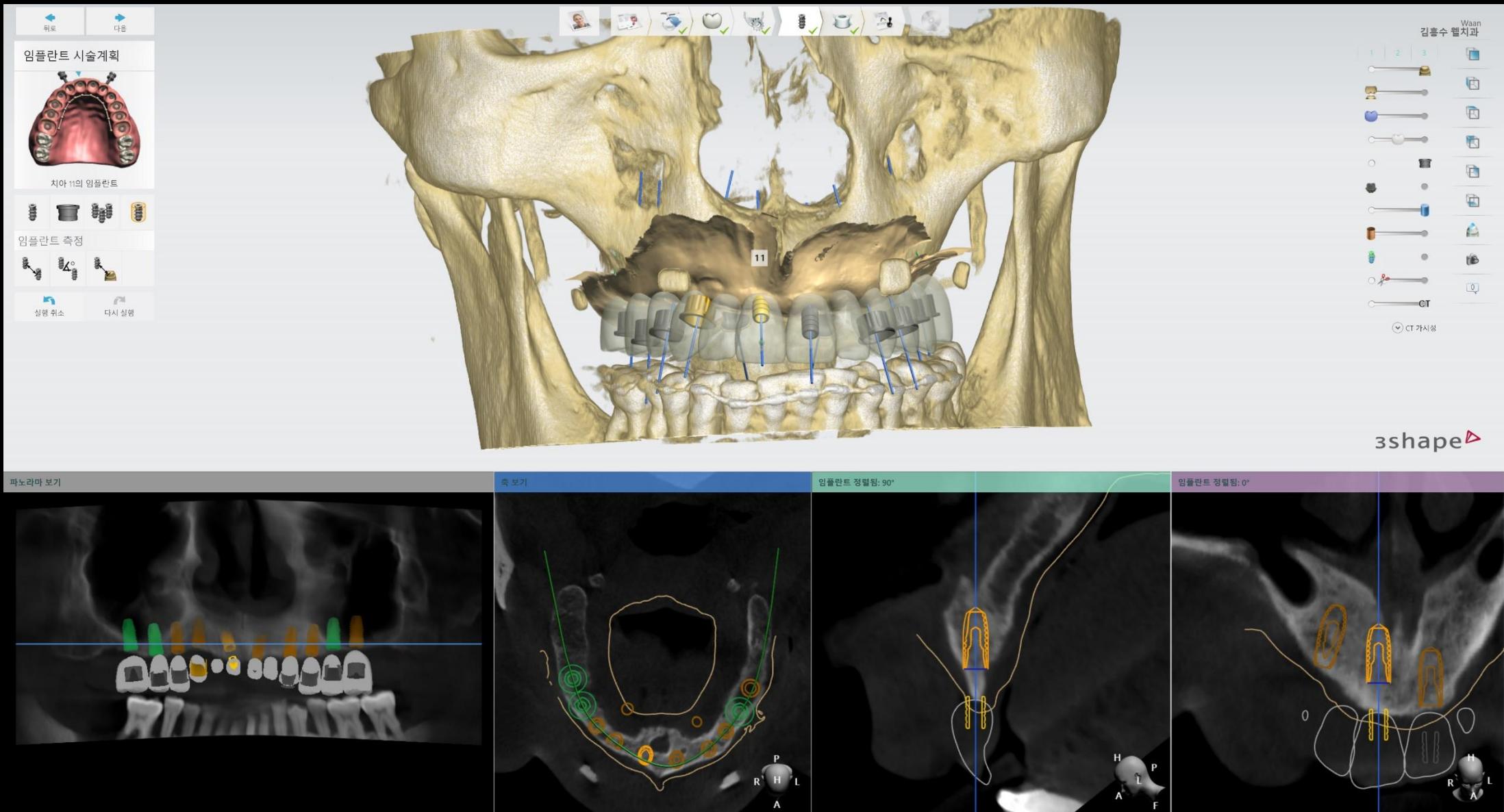
3shape ▶



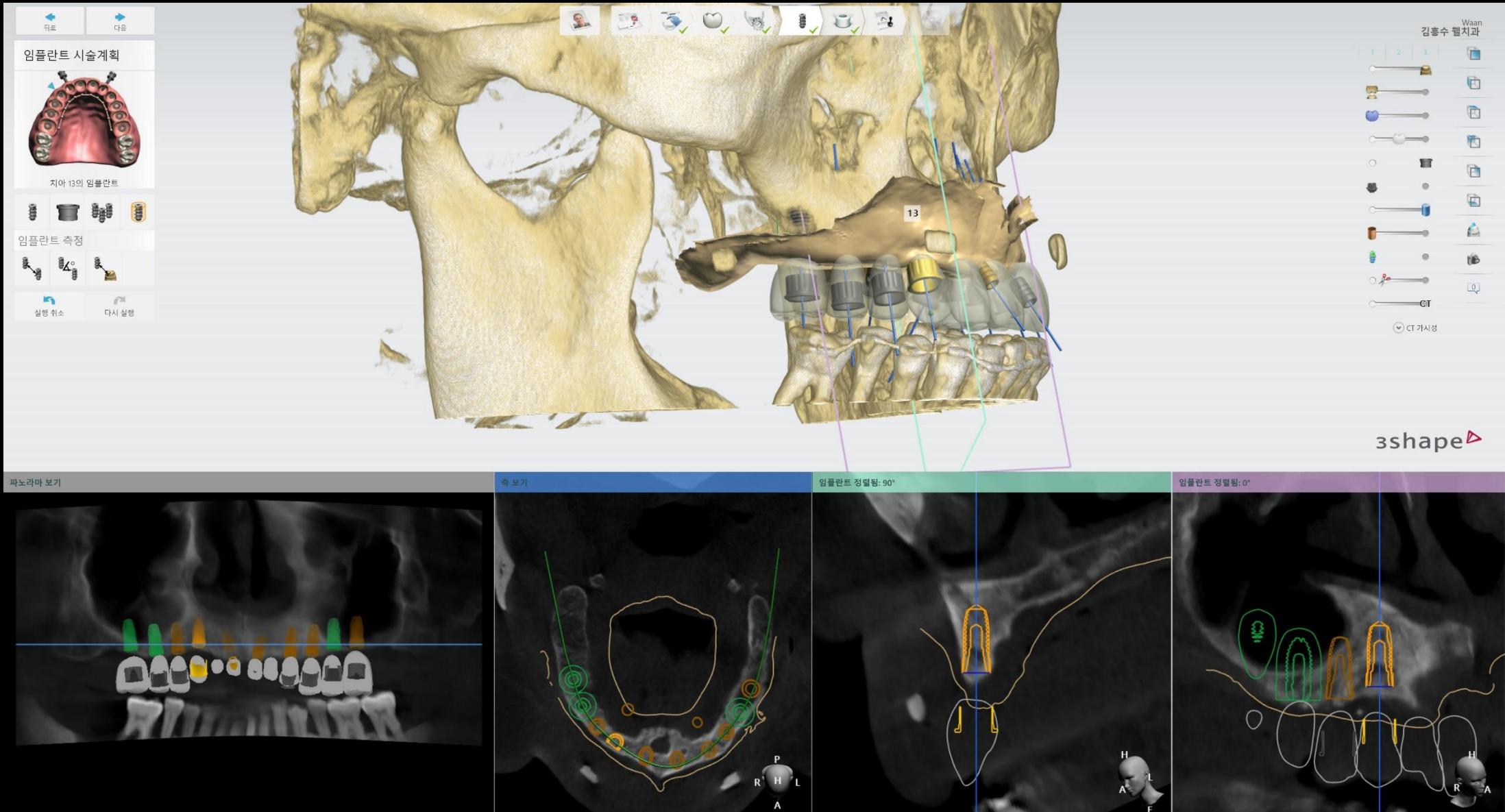
Digital Guide (Set-up)



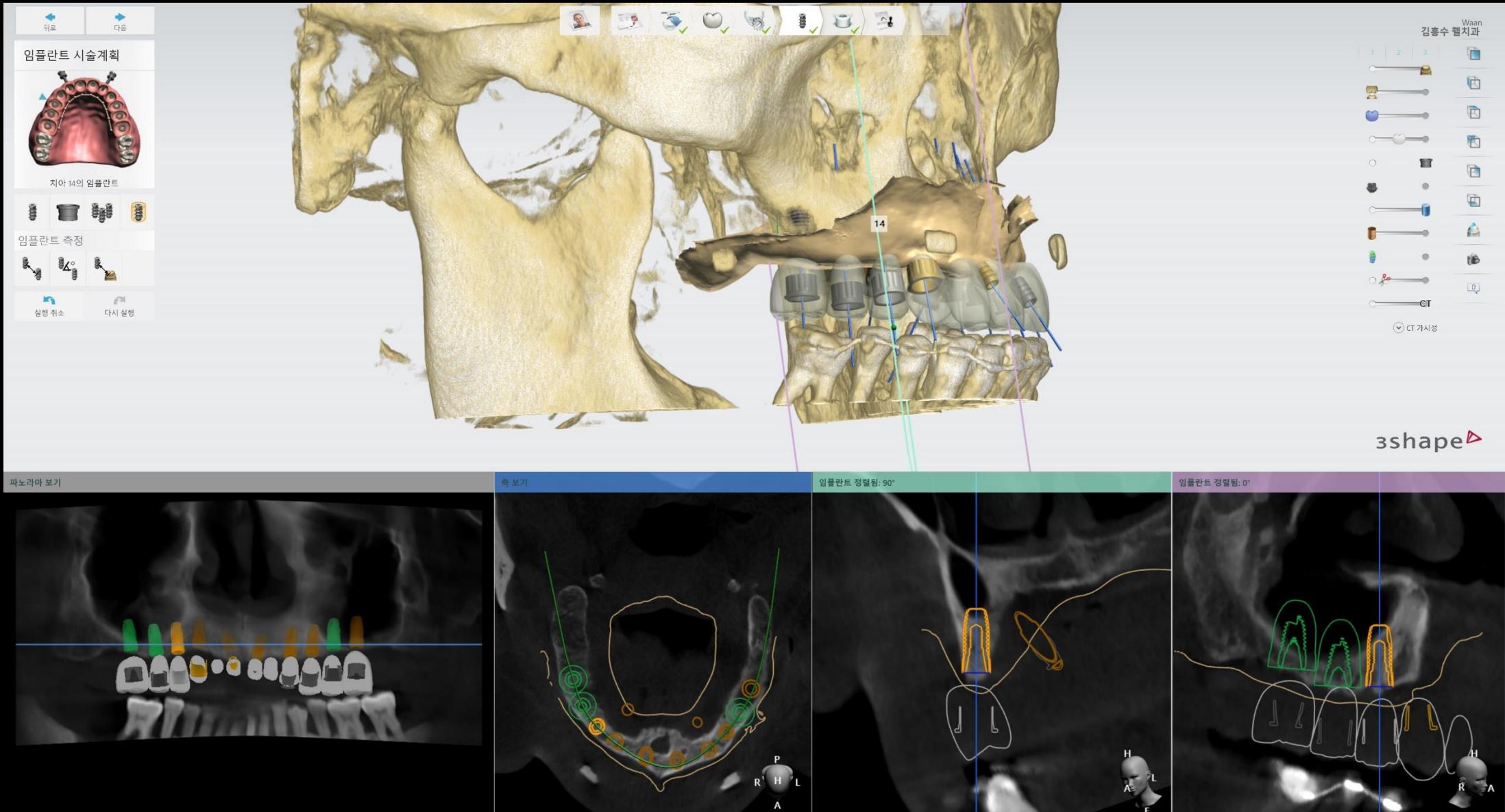
Digital Guide (#11 Implant Planning)



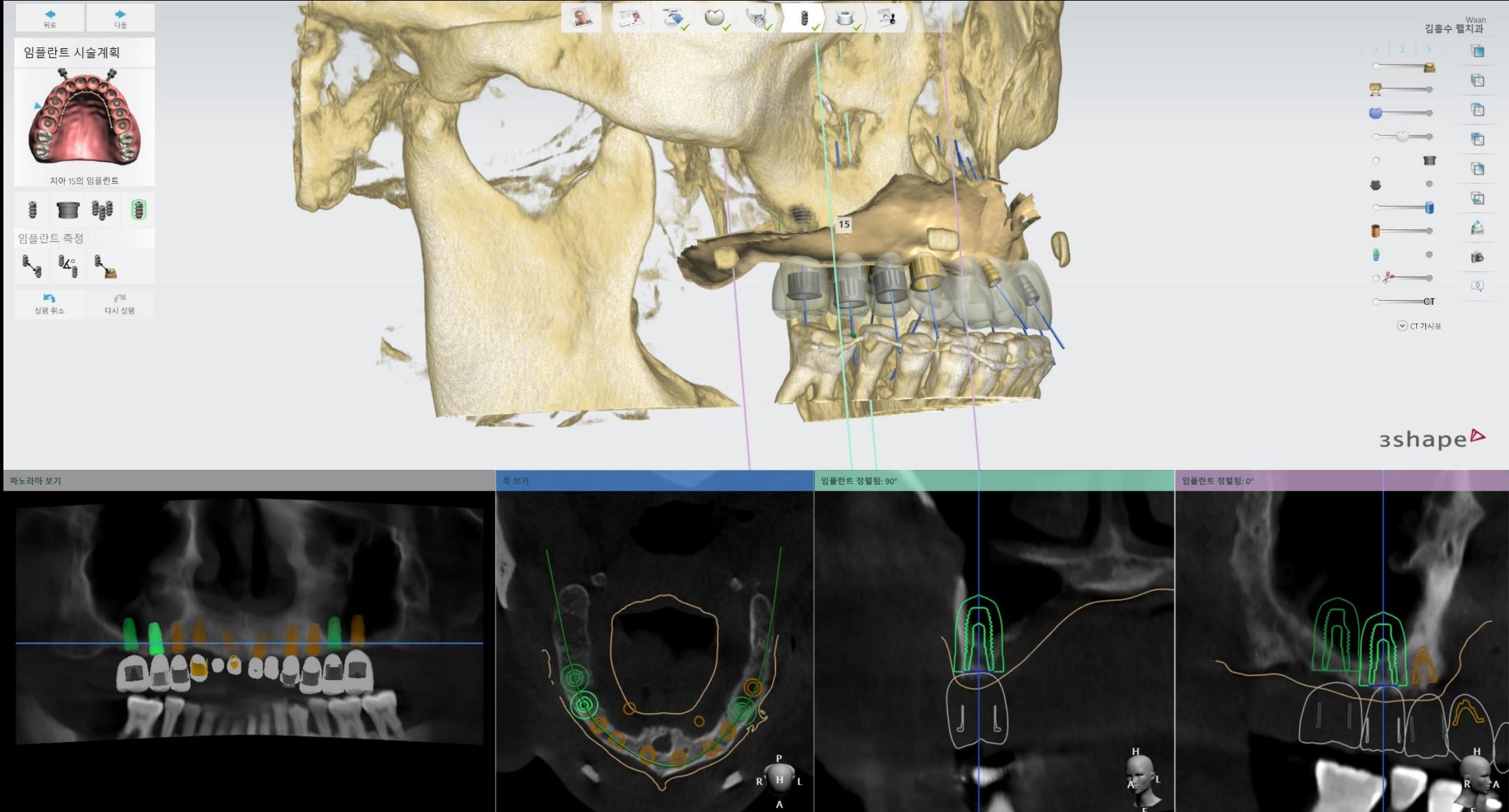
Digital Guide (#13 Implant Planning)



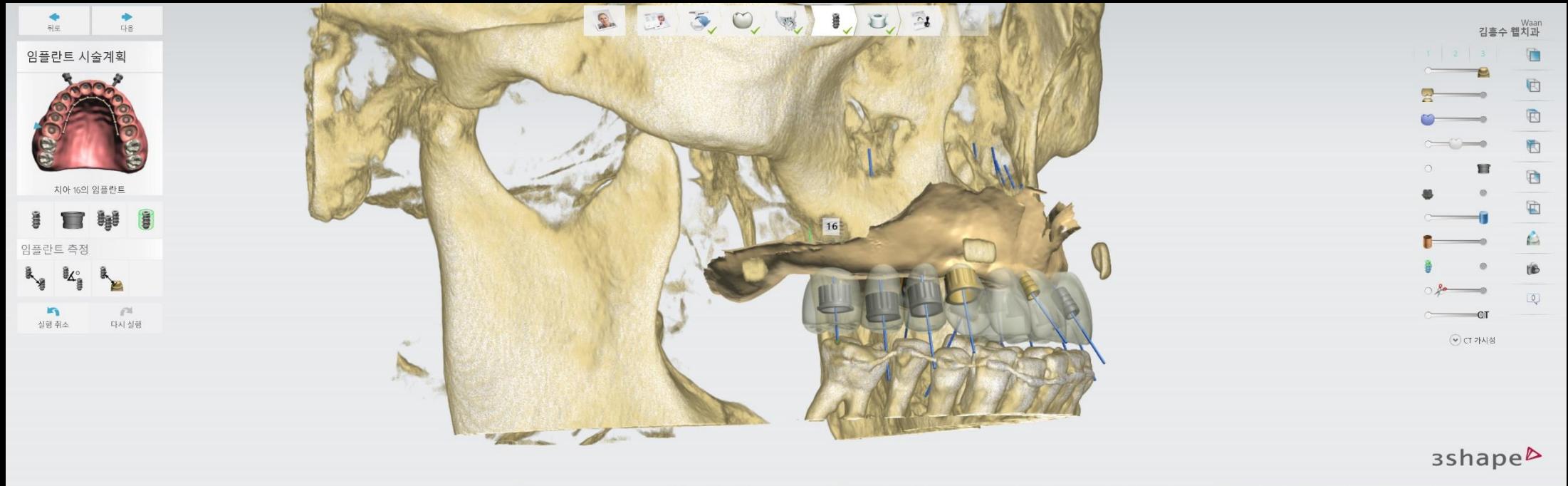
Digital Guide (#14 Implant Planning)



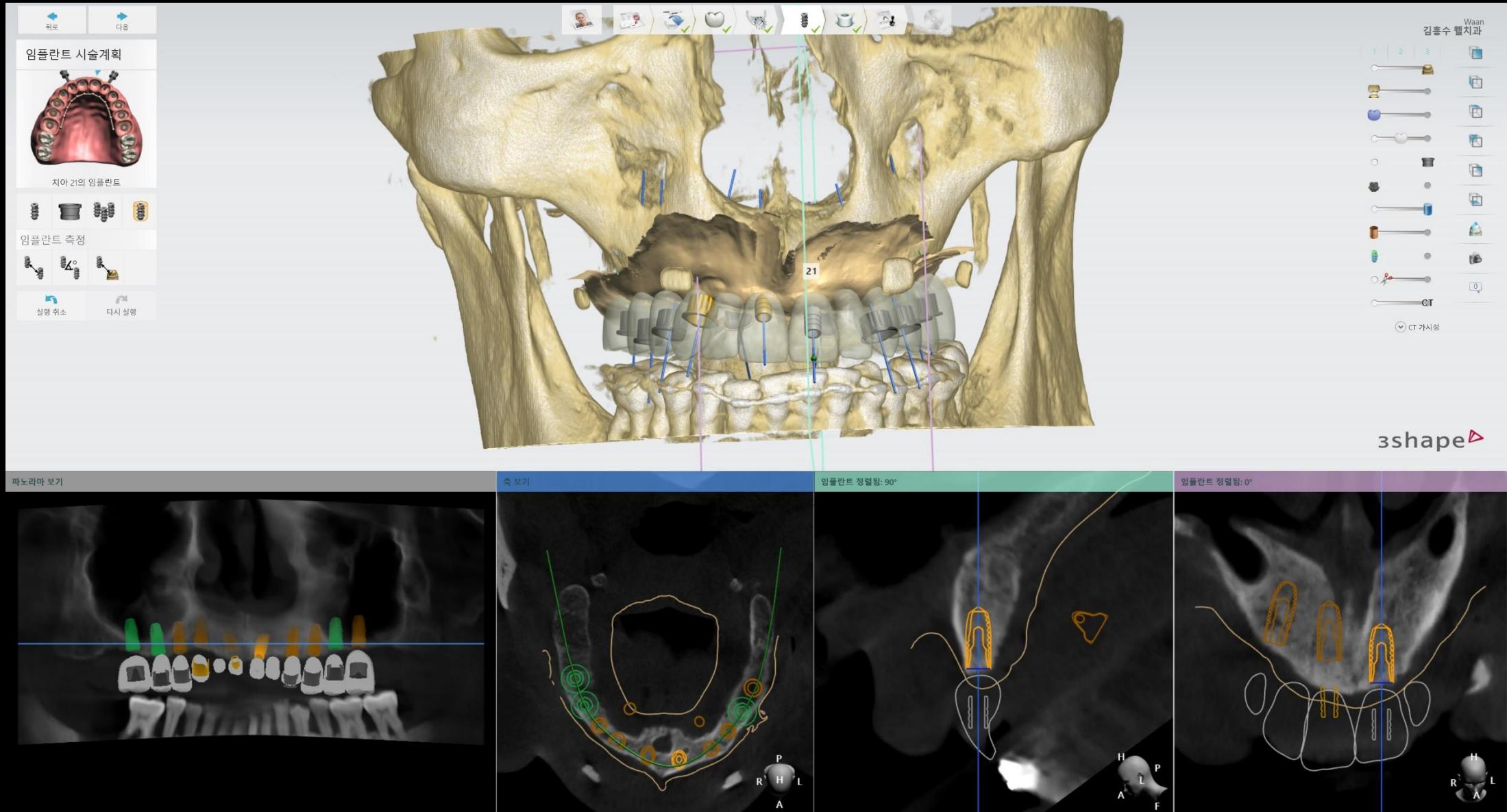
Digital Guide (#15 Implant Planning)



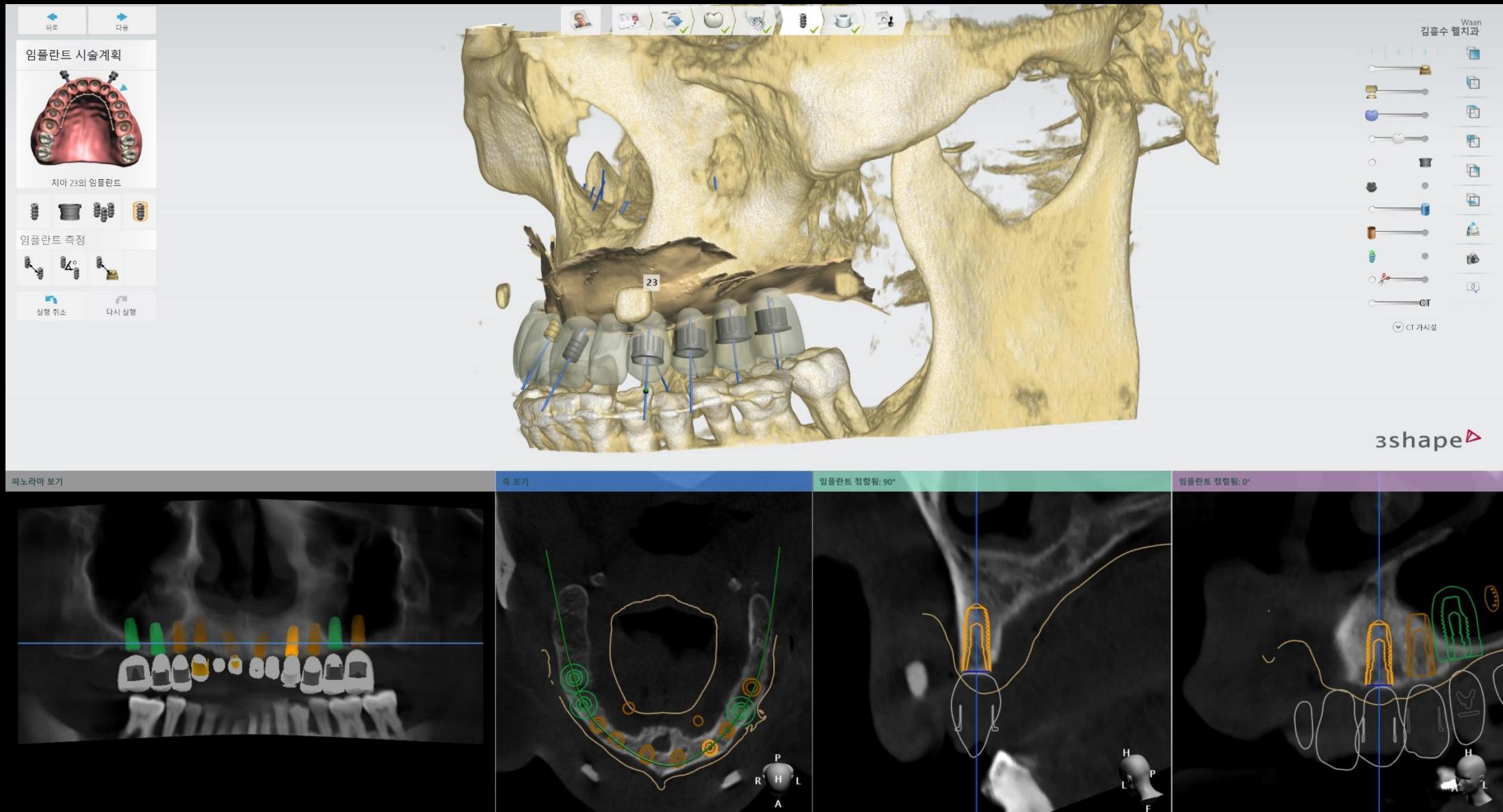
Digital Guide (#16 Implant Planning)



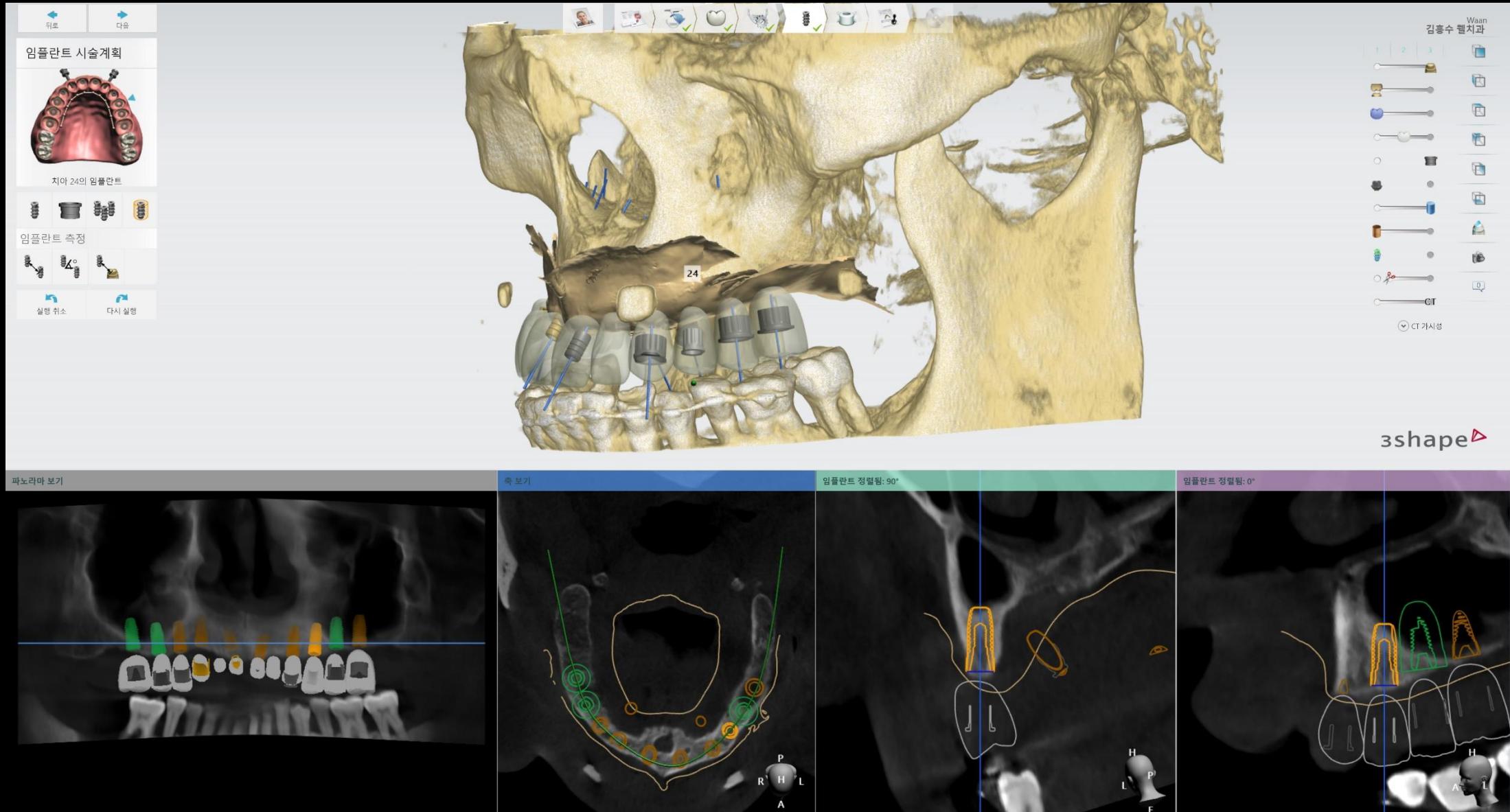
Digital Guide (#21 Implant Planning)



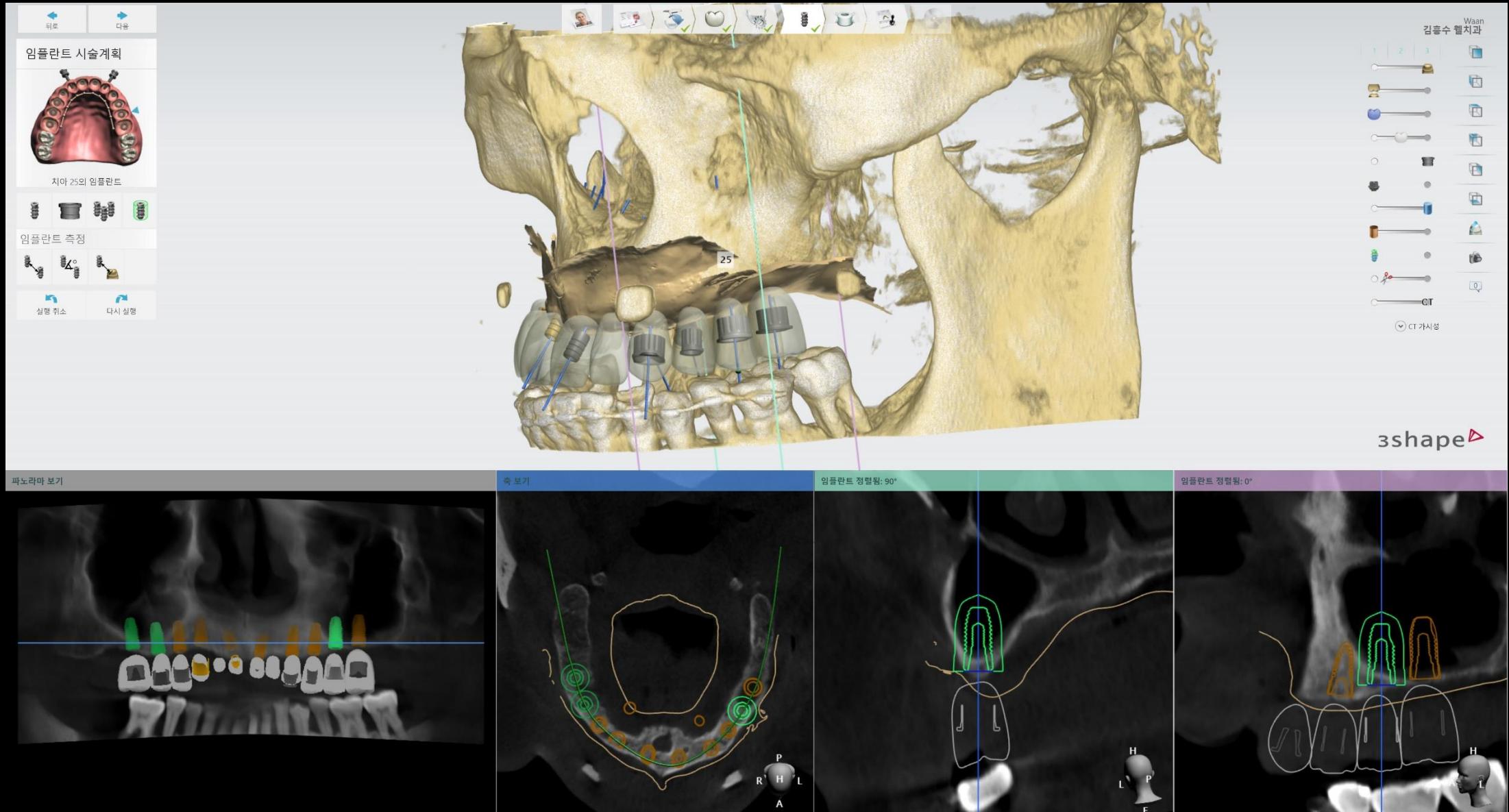
Digital Guide (#23 Implant Planning)



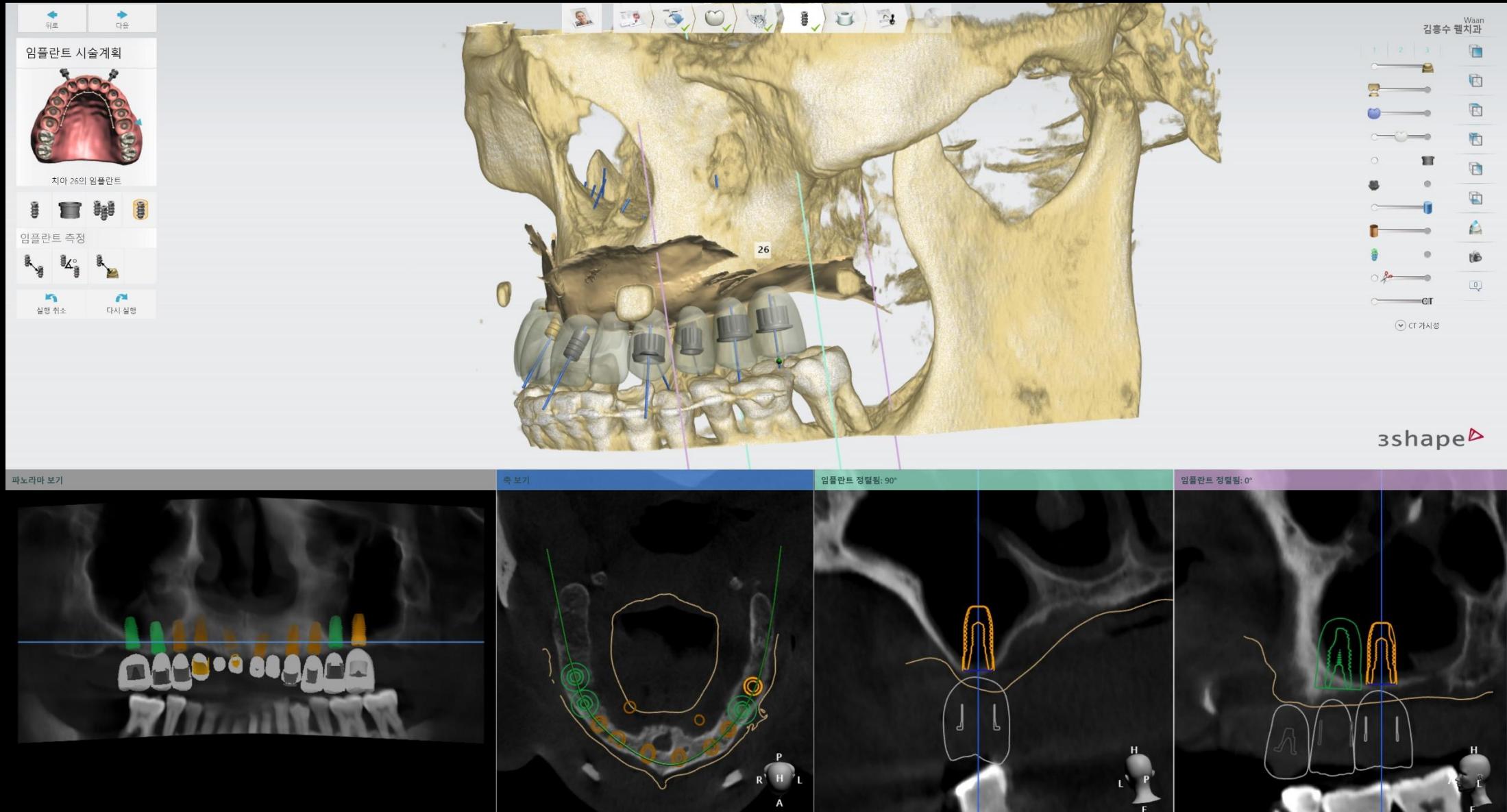
Digital Guide (#24 Implant Planning)



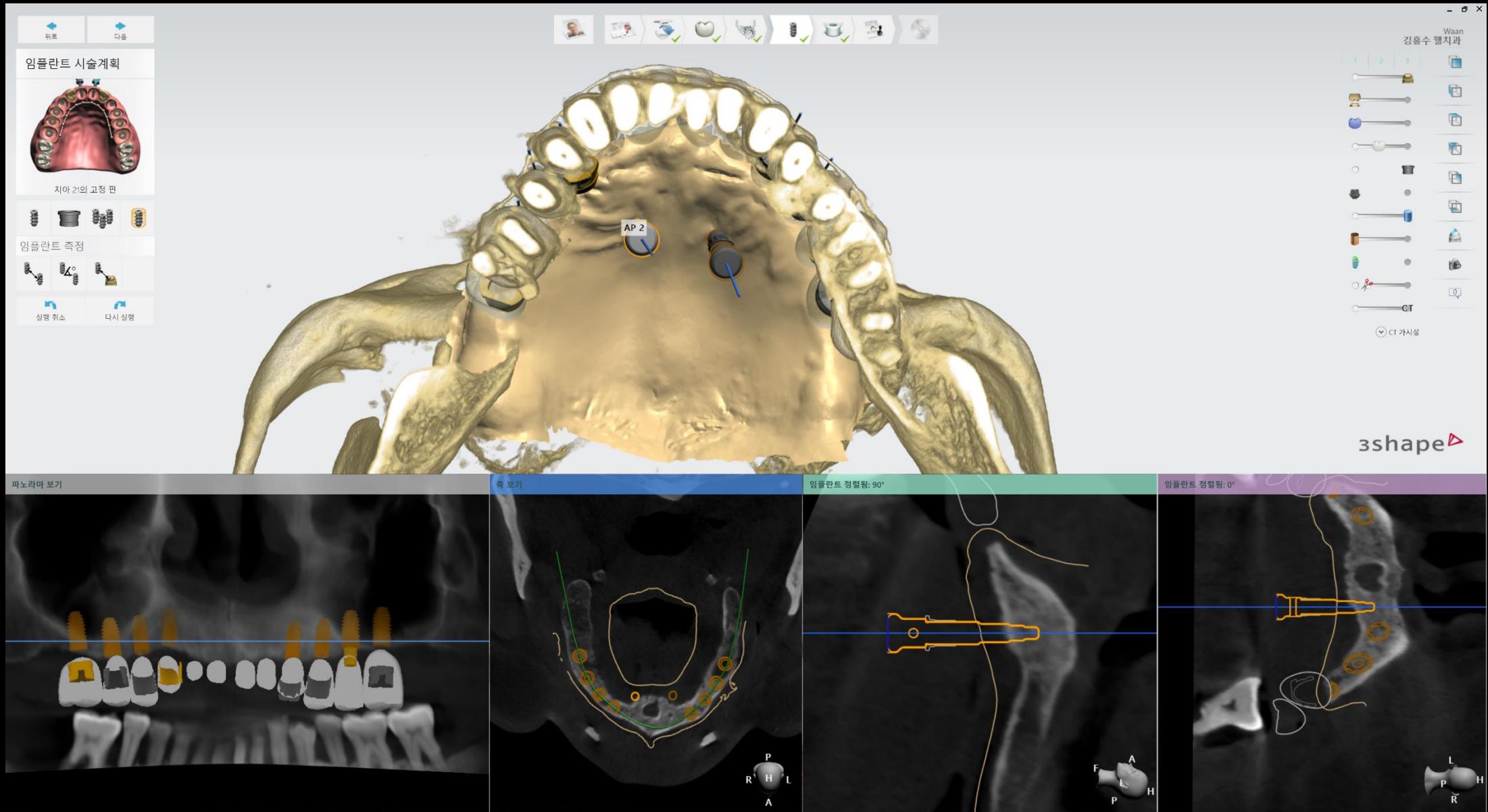
Digital Guide (#25 Implant Planning)



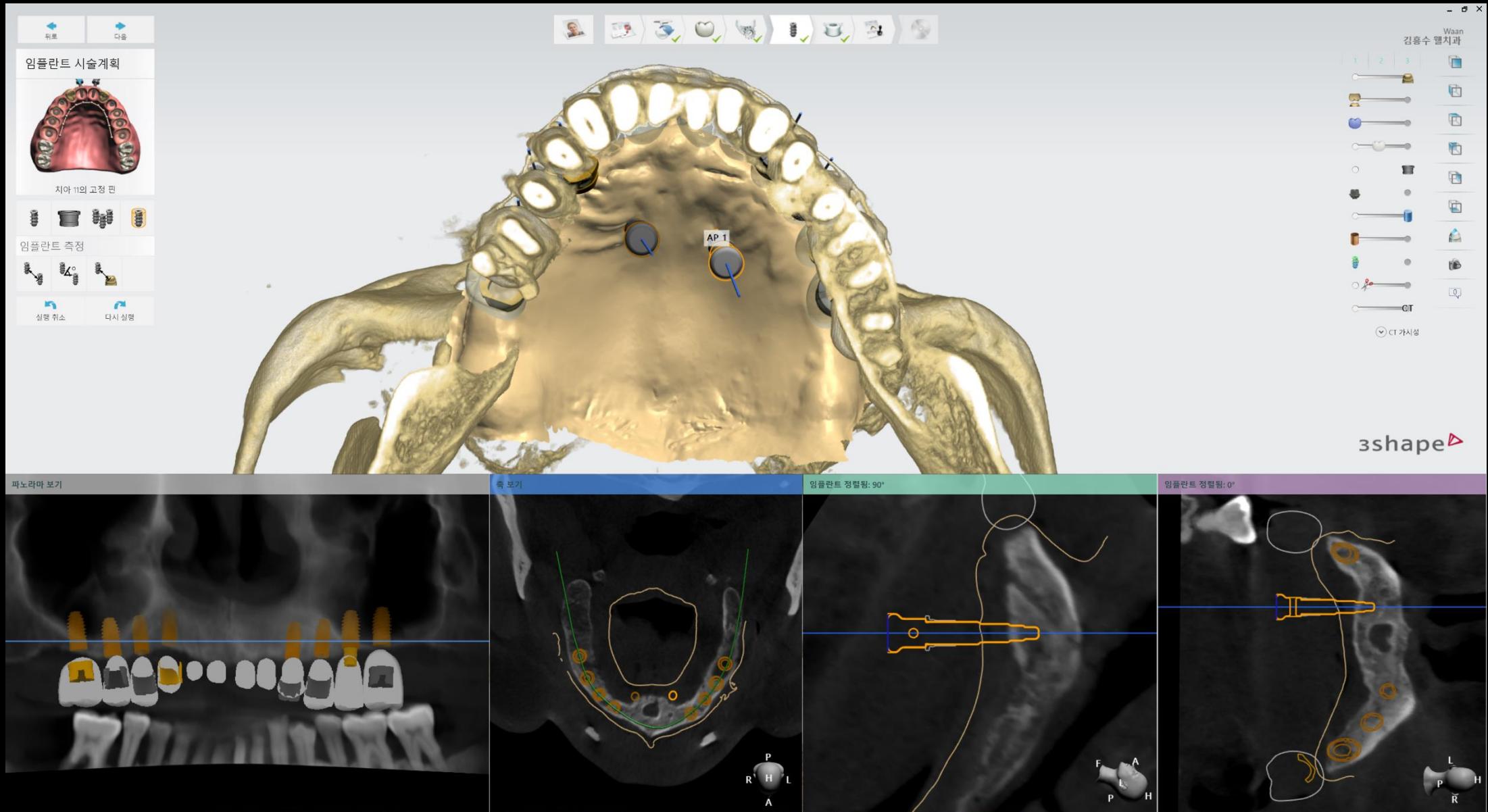
Digital Guide (#26 Implant Planning)



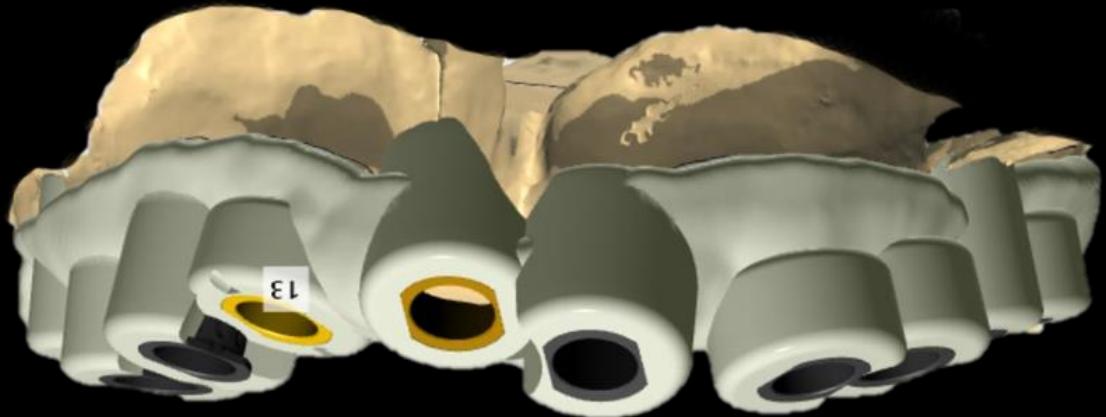
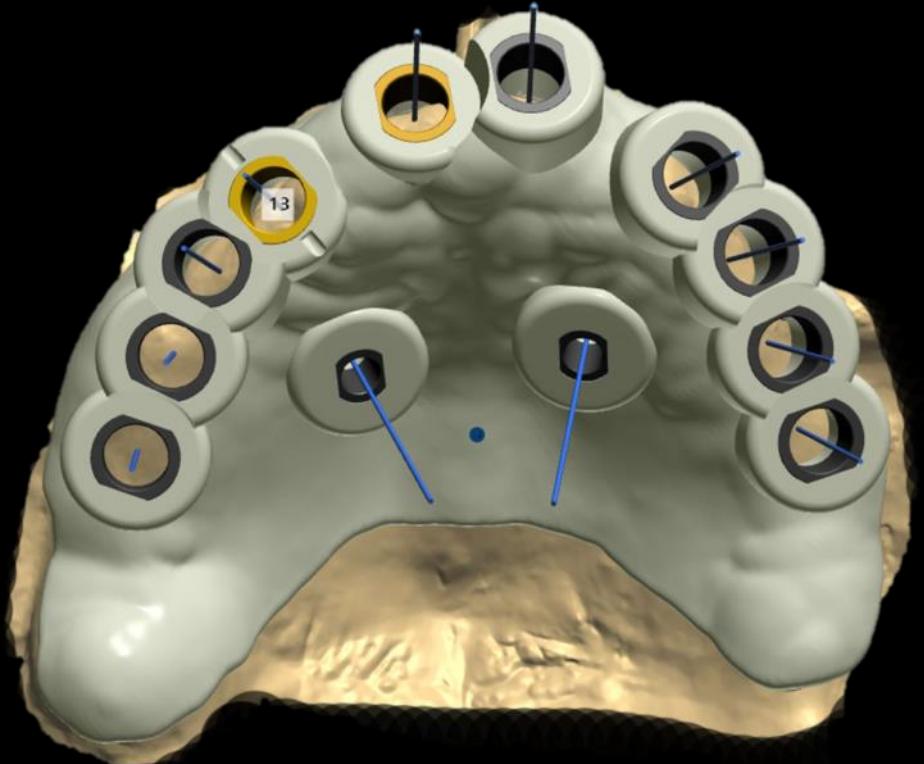
Digital Guide (Anchor Planning)



Digital Guide (Anchor Planning)



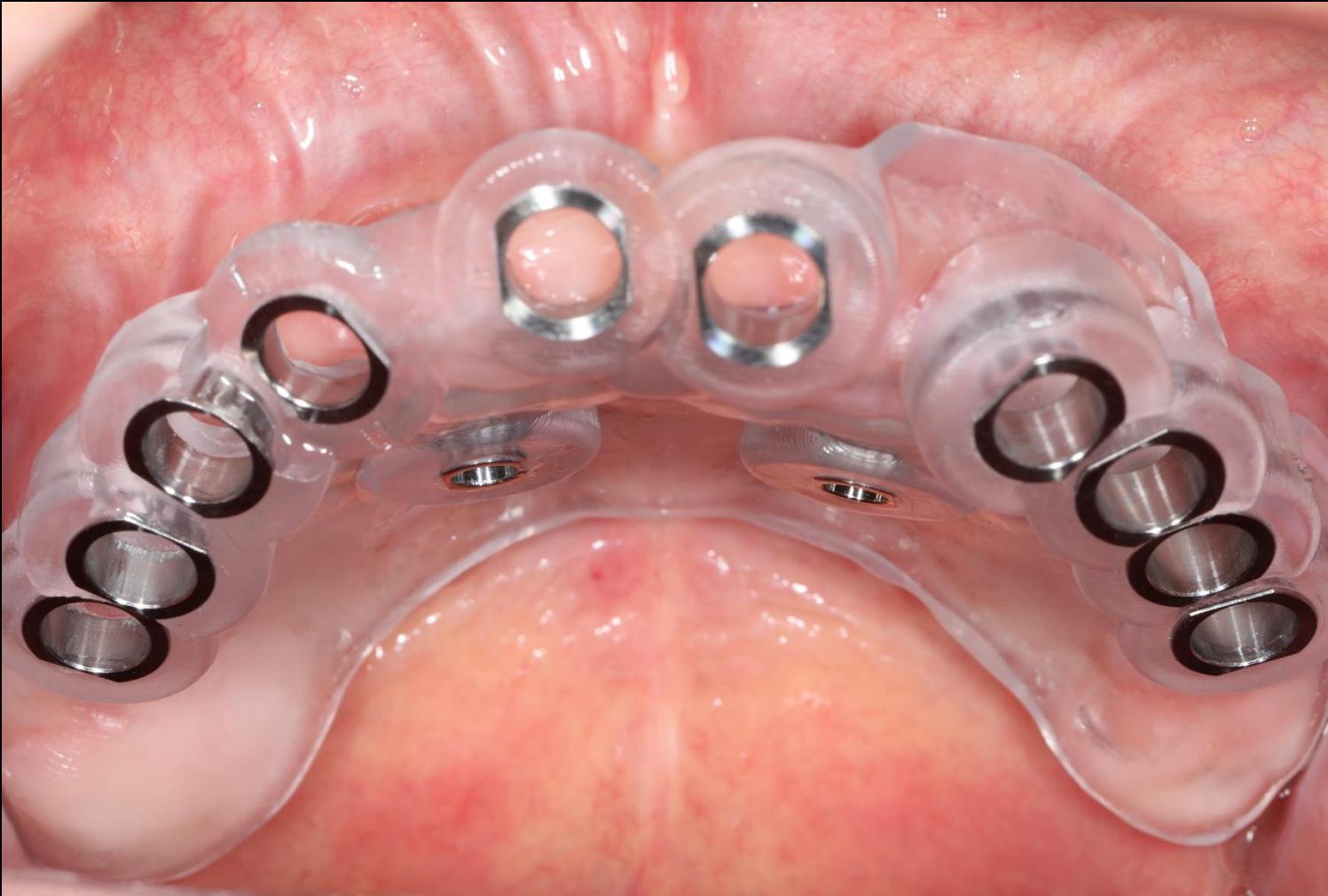
Digital Guide (Stent Design)



Stent

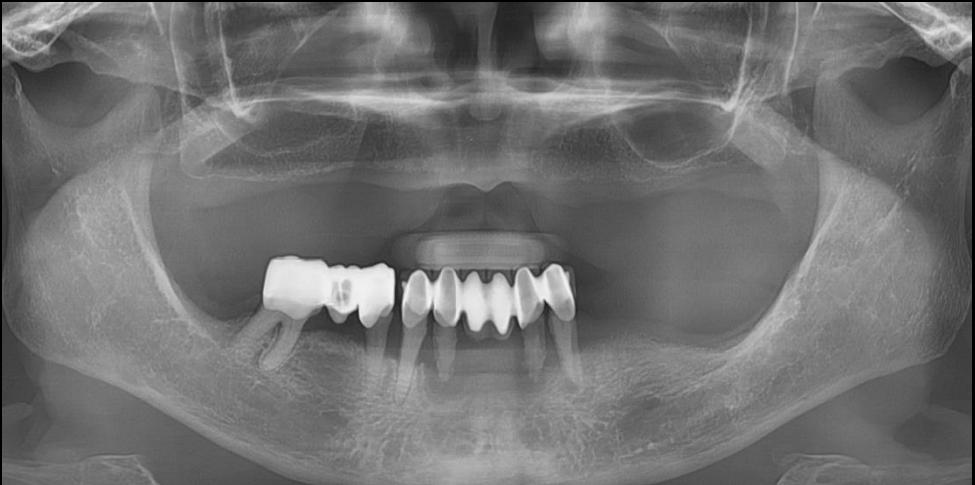


Stent adaptation



Similar case presentation

- Implantation using Stent on Full mouth case
(Maxillofacial implant for Temporary Denture)

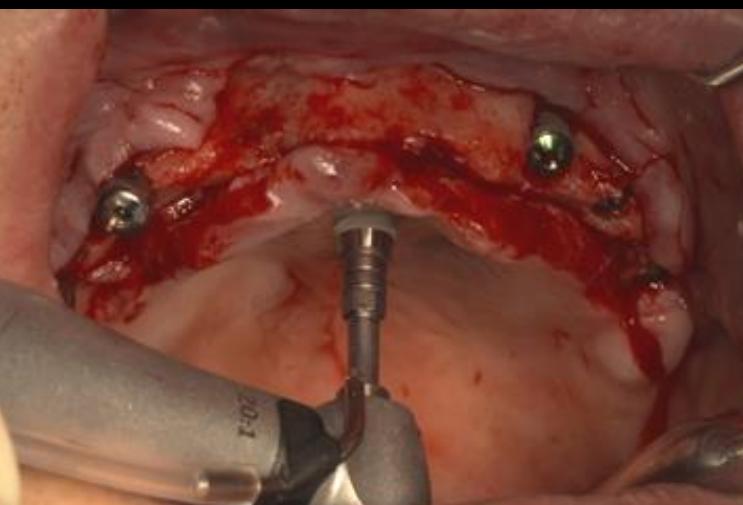
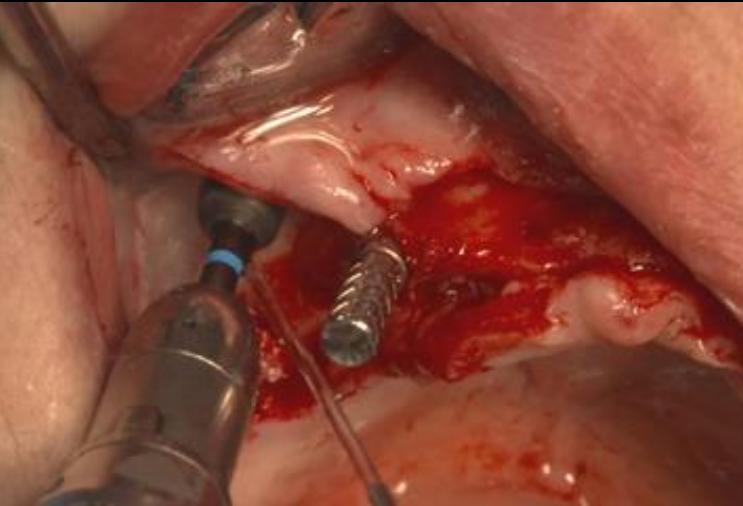
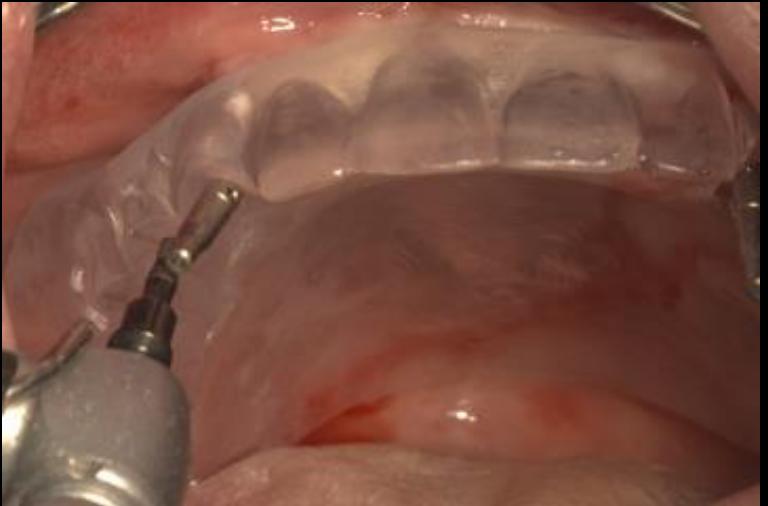


Pre-op (2017-02-10)

Final prosthesis (2018-07-20)

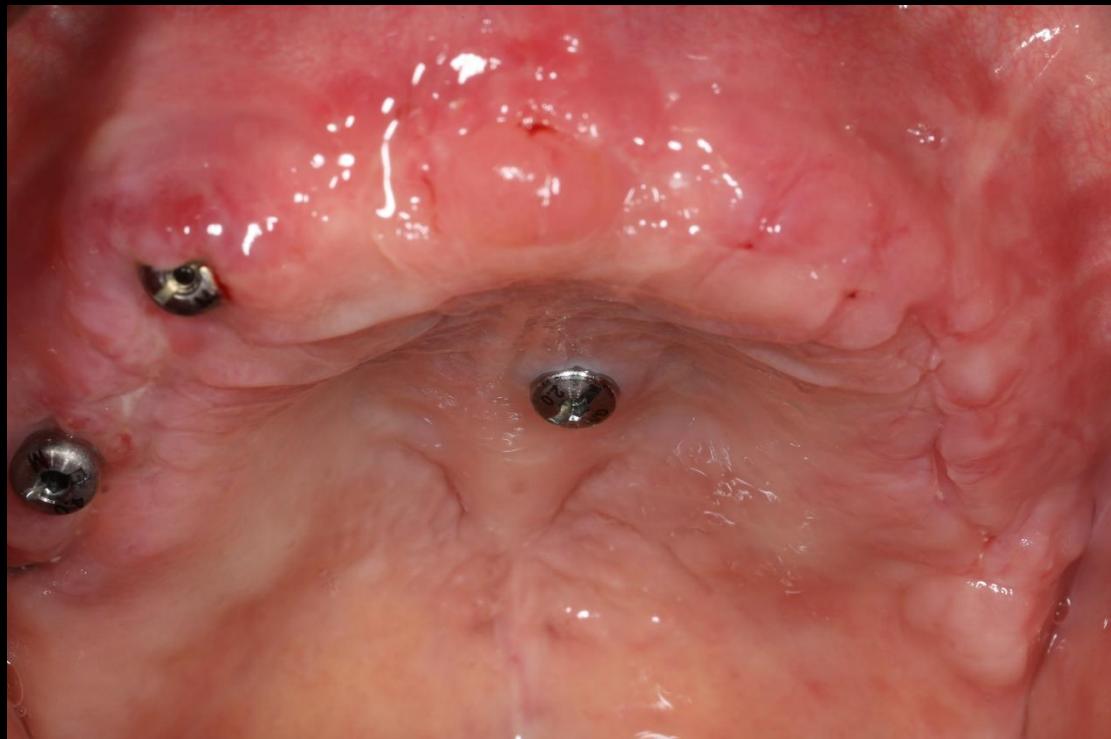
Similar case presentation

- Implantation using Stent on Full mouth case
(Maxillofacial implant for Temporary Denture)



Similar case presentation

- Implantation using Stent on Full mouth case
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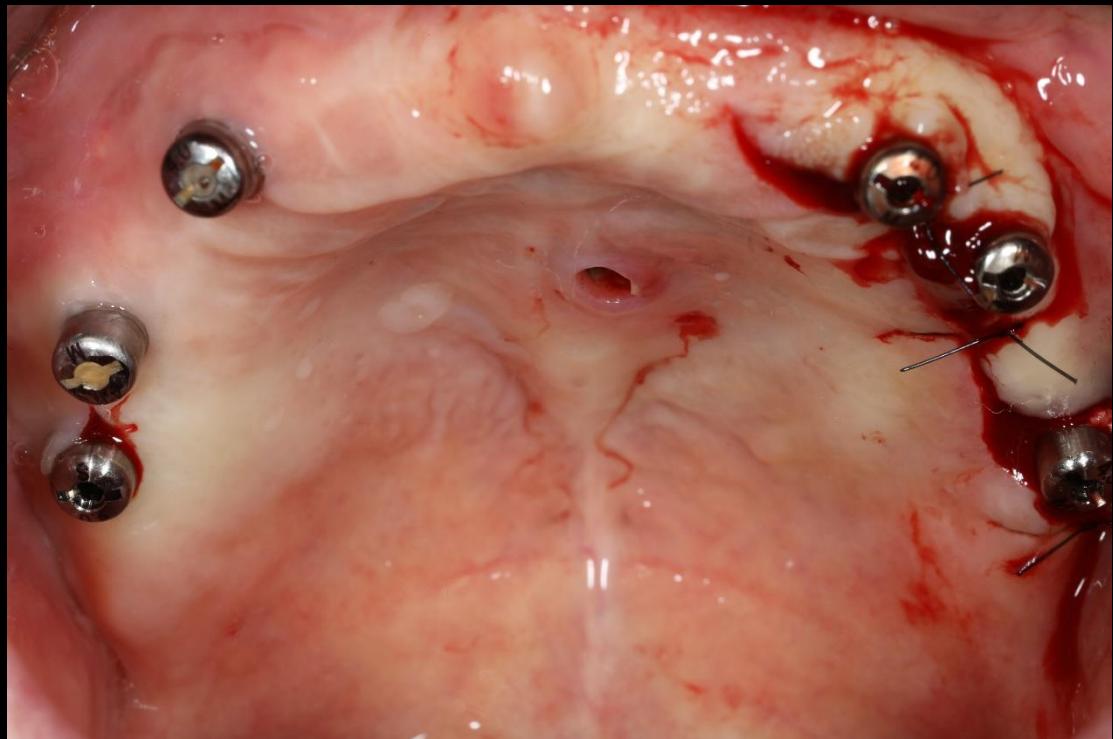
Healing : 3 weeks
(2017-03-09)



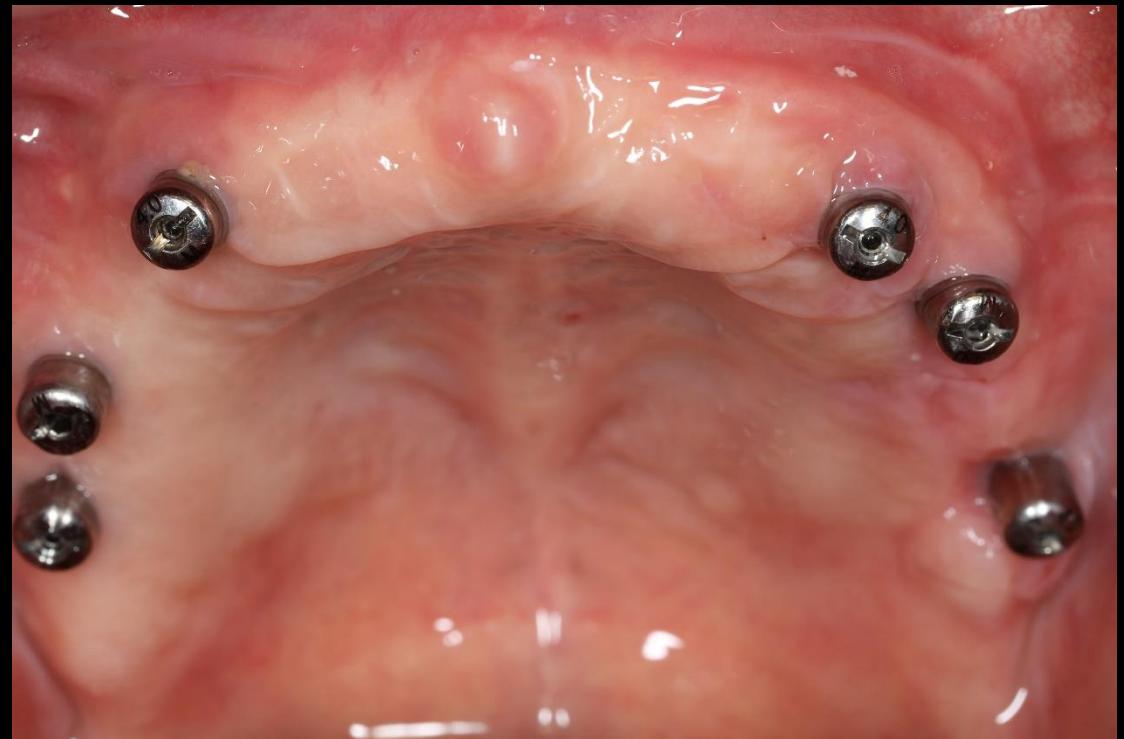
Temporary Denture
(2017-04-12)

Similar case presentation

- Implantation using Stent on Full mouth case
(Maxillofacial implant for Temporary Denture)



Second stage surgery
/ Removal of Maxilla implant
(2017-12-07)



Healing : 2 weeks (After S.S.S.)
(2017-12-21)

Similar case presentation

- Implantation using Stent on Full mouth case
(Maxillofacial implant for Temporary Denture)



Provisional restoration
(2018-01-26)



Final prosthesis
(2018-07-20)

[Case Follow up]



Intra Oral Scanning



Healing : 3 days



Temporary Denture (Healing : 3 days)



Healing : 1 week



Healing : 1 month

