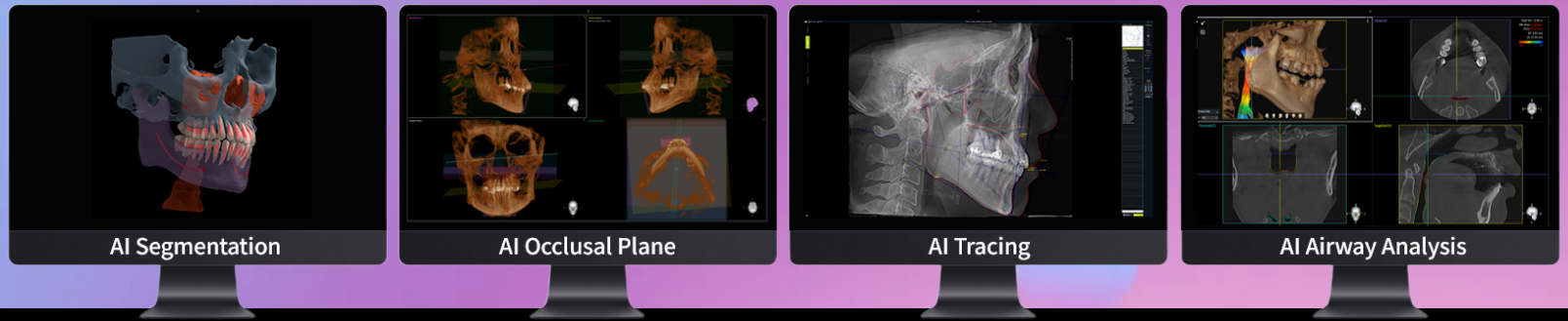


Dentium 3D Viewer



진단부터 치료까지

Experience the NEXT AI Viewer



AI
SEGMENTATION



AI
OCCLUSAL
PLANE

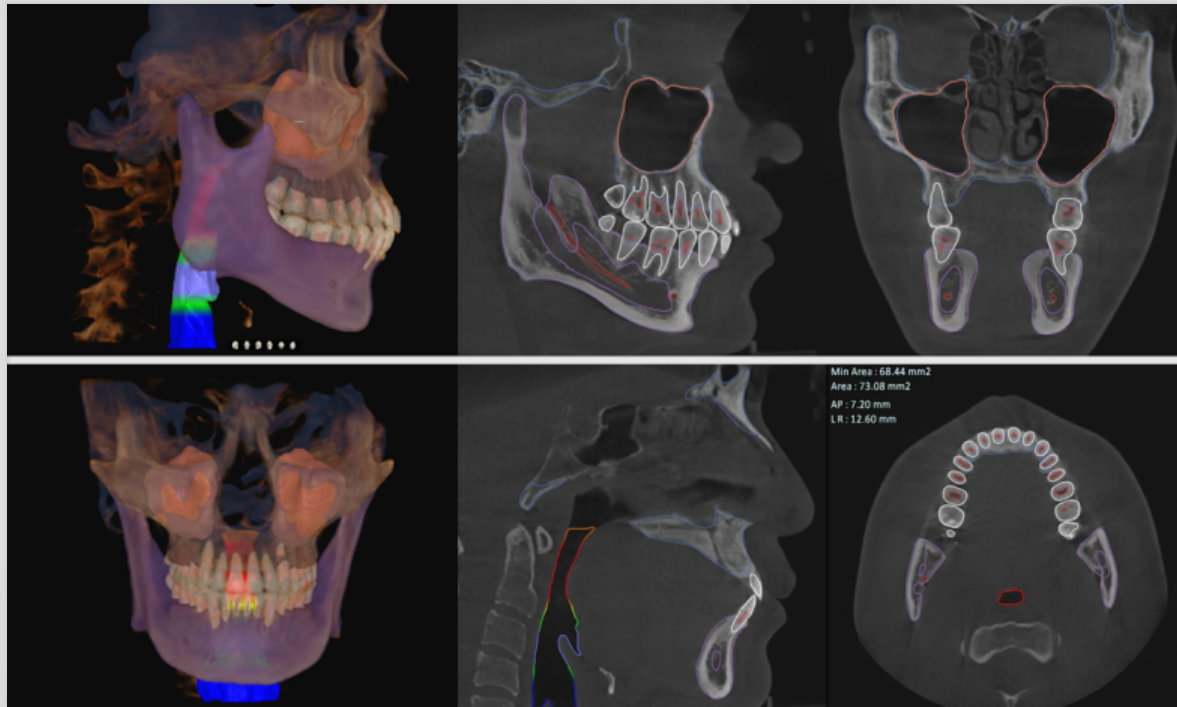


AI
IMPLANT
SIMULATION



AI
AIRWAY
ANALYSIS

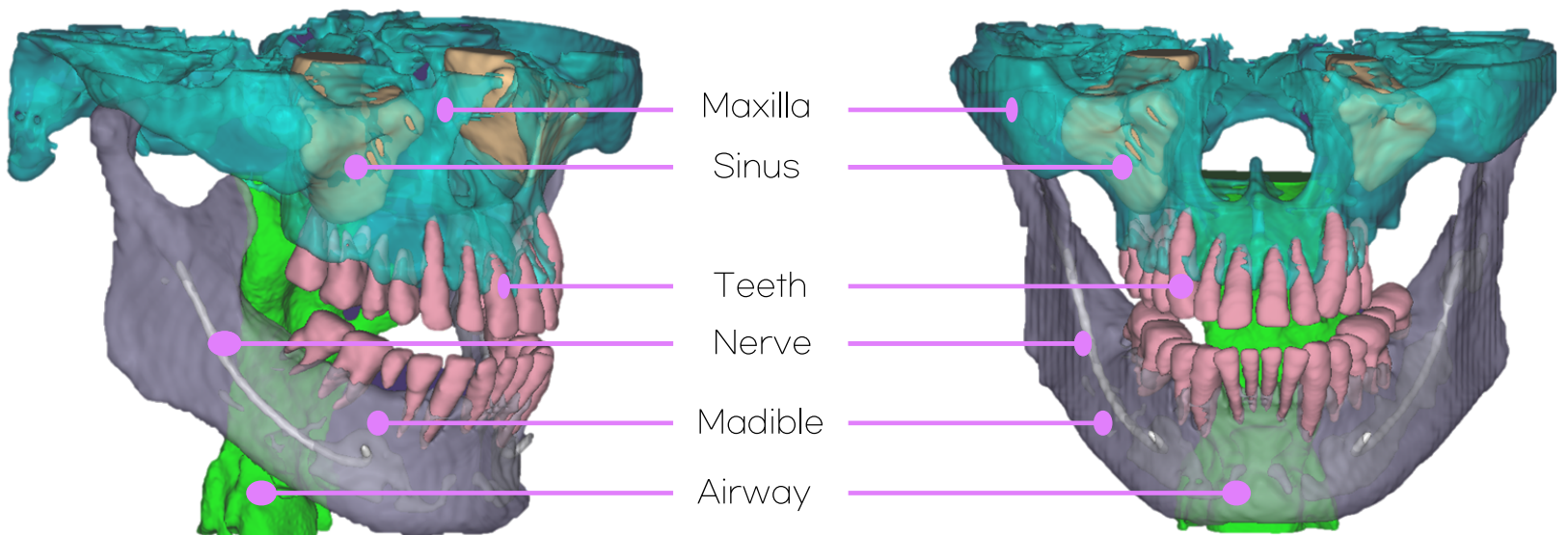
Comprehensive 3D analysis powered by AI — for implant, orthodontic, and prosthesis.

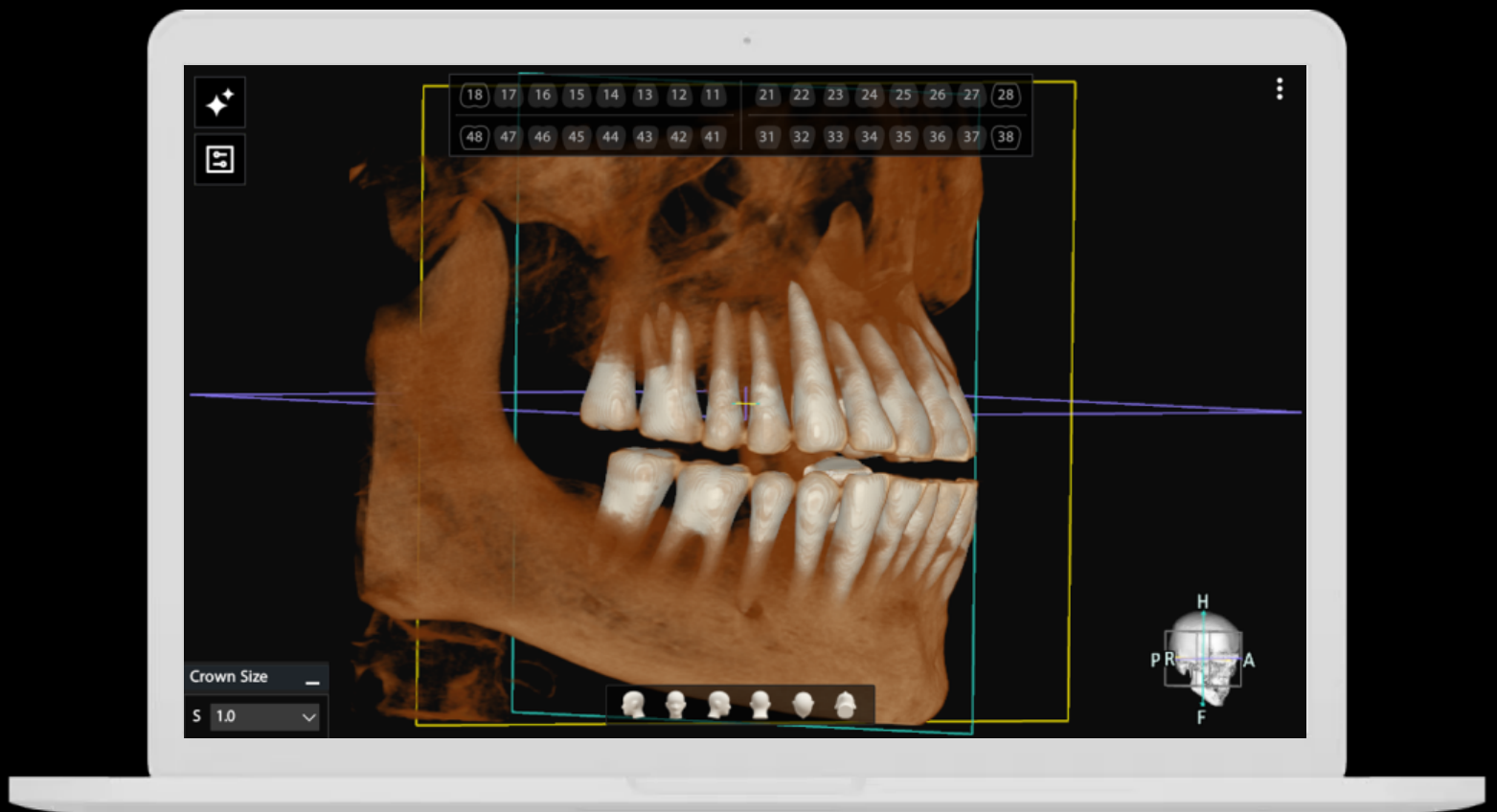


AI Segmentation

치아, 상/하악골, 상악동, 기도, 하치조신경관 등 주요 해부학적 구조물을 자동 분할해 시각화합니다.

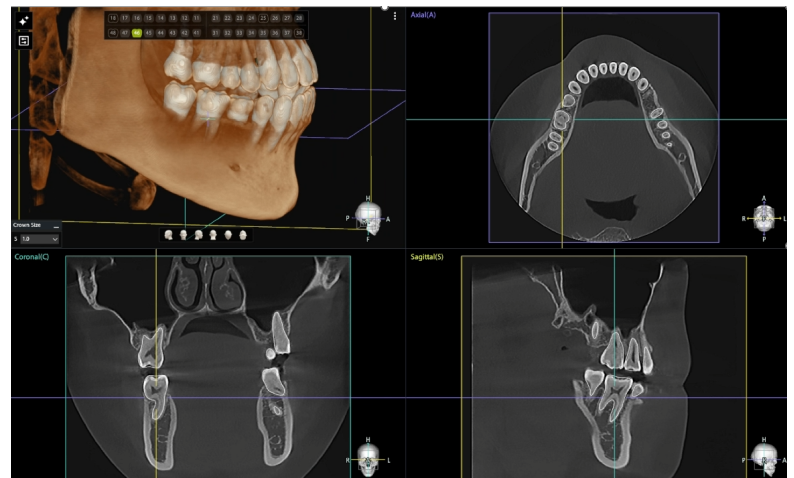
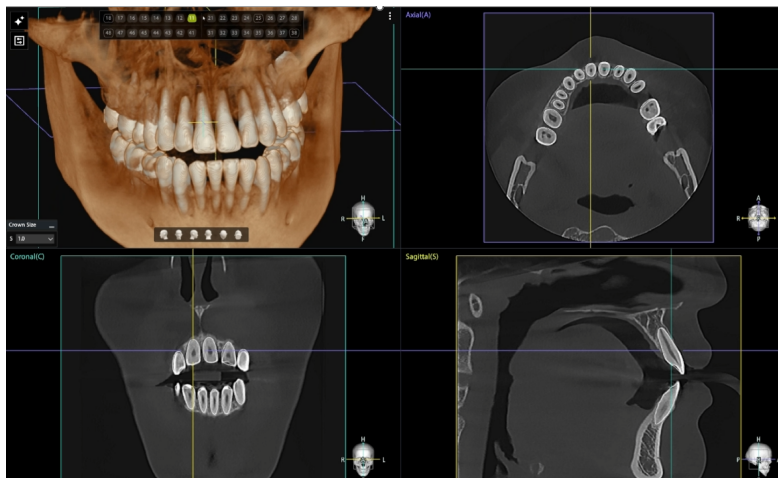
복잡한 영상도 직관적으로 파악 가능해, 진단은 물론 환자 상담까지 더 빠르고 명확해집니다.



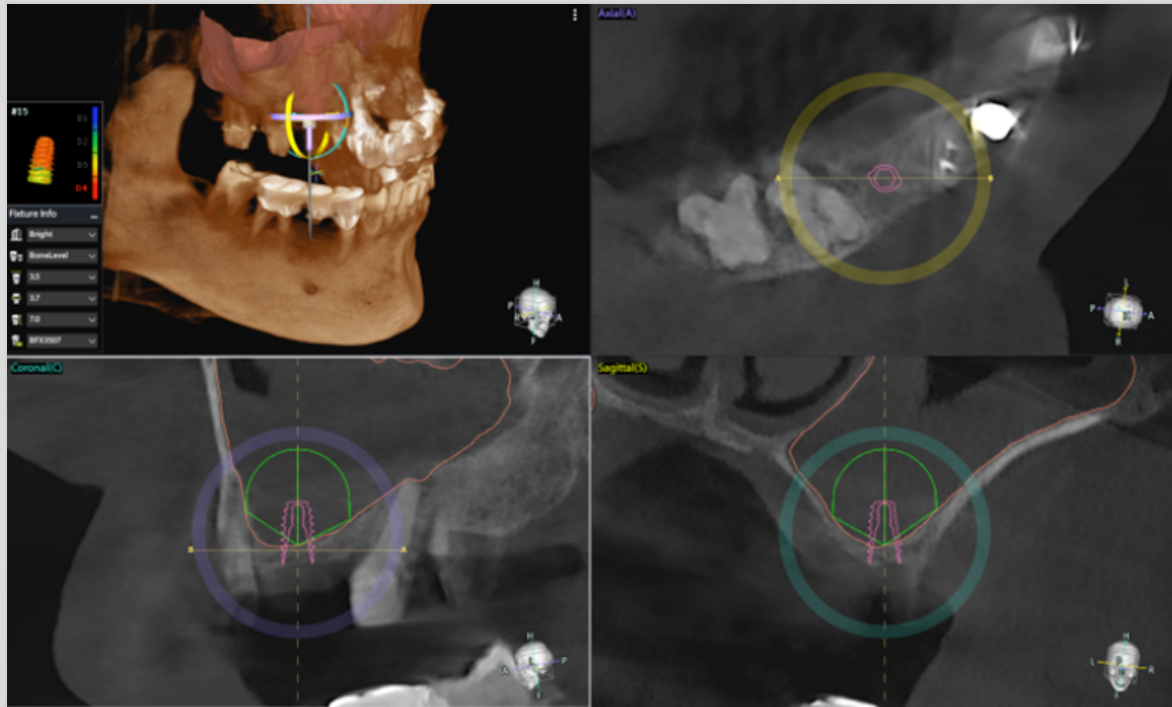


AI Tooth Segmentation

FDI 치아 번호 체계에 따라 치아를 자동 분할하고,
결손 치아까지 식별하는 기능을 제공합니다.

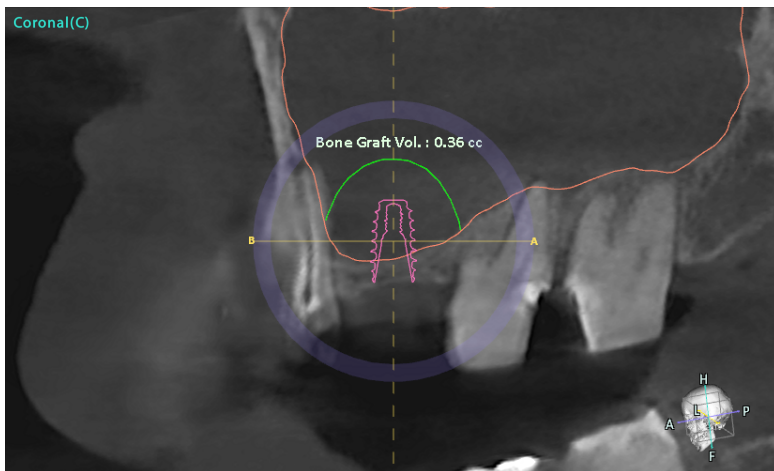


원하는 치아 번호를 선택하면 해당 치아 중심으로 영상이 자동 정렬되어,
보다 직관적이고 편리한 진단 환경을 제공합니다.

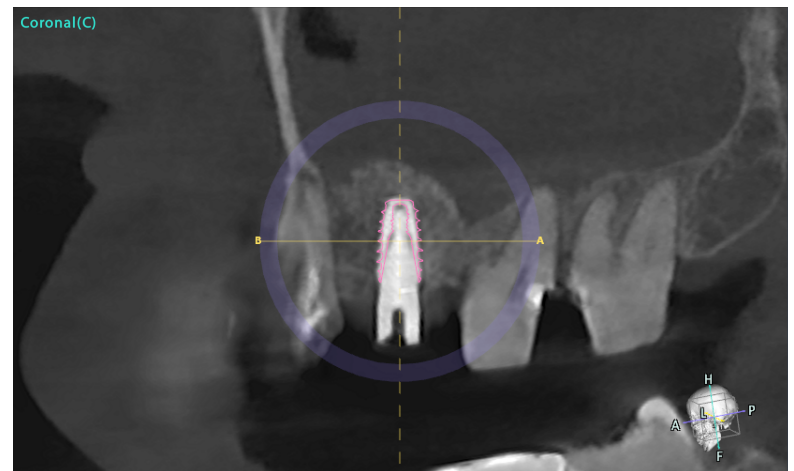


AI Sinus Bone Graft

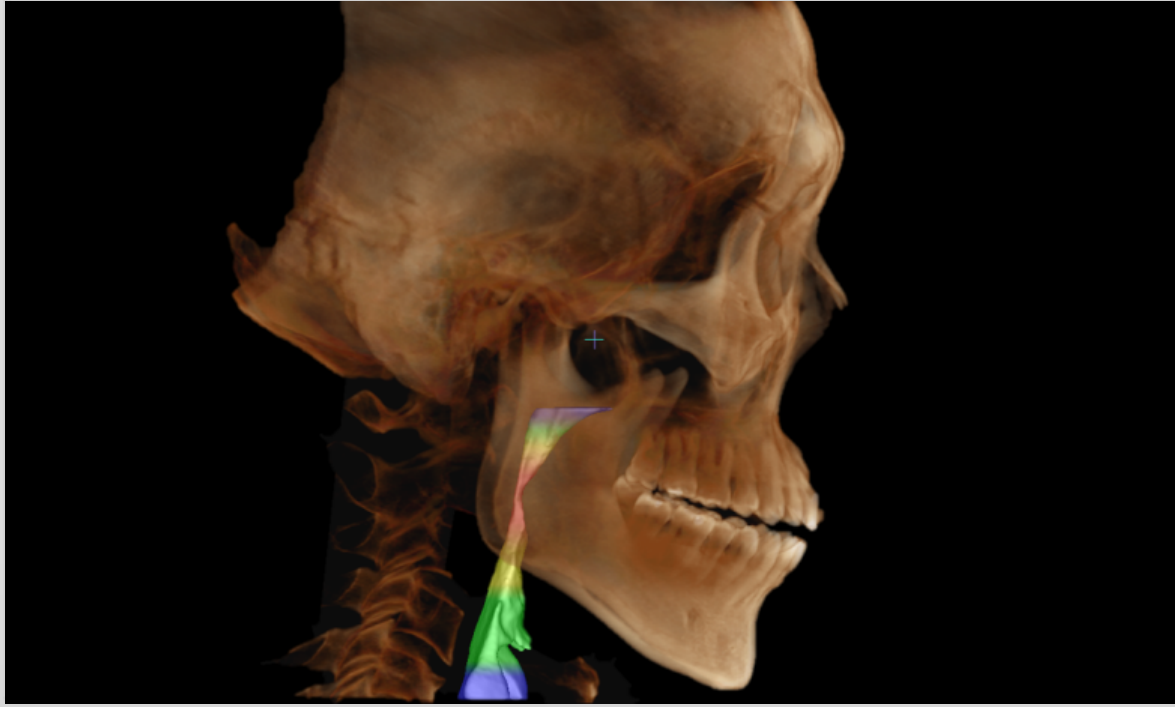
상악동 분할 정보를 바탕으로 골이식이 필요한 부위의
예상 증강량을 직관적으로 확인할 수 있습니다.



AI Sinus Bone Graft



After Sinus Bone Graft

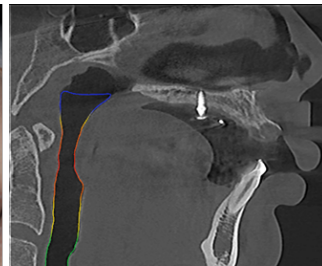


AI Airway Analysis

AI 기반 Airway 분석 모드는 기도 영역을 자동 분할하고,
부피/최소 면적까지 정량적으로 분석할 수 있습니다.

Before

2023. 12



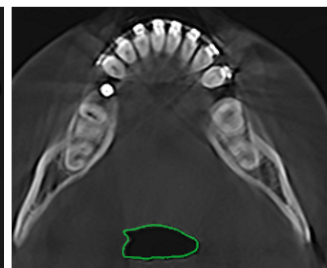
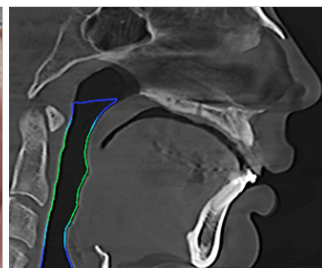
Total Volume : 11.13 cc
Min Area : 0.00 mm²
Area : 96.12 mm²
AP : 6.20 mm
LR : 19.00 mm

96.12

After

Maxillary Expansion

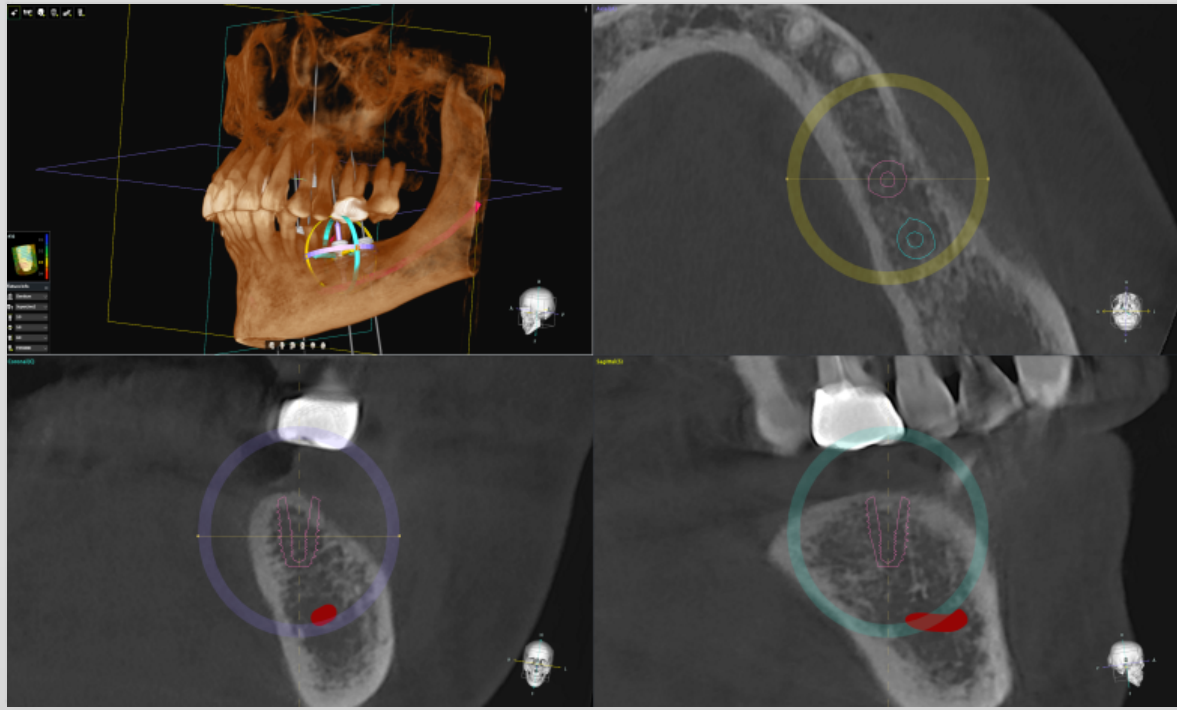
2025. 08



Total Volume : 15.80 cc
Min Area : 196.72 mm²
Area : 221.80 mm²
AP : 10.80 mm
LR : 24.20 mm

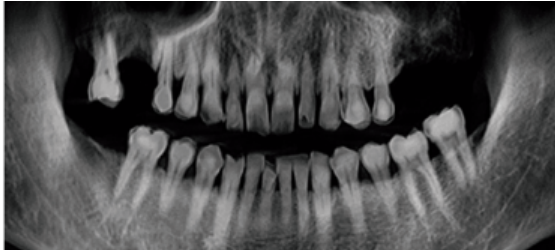
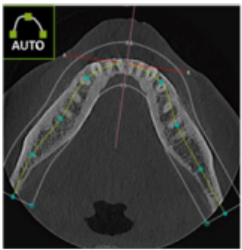
221.80

교정 후 악궁 확장에 따른 기도 확보 여부를 객관적인 수치로 비교할 수 있어,
치료 결과에 신뢰도를 높입니다.



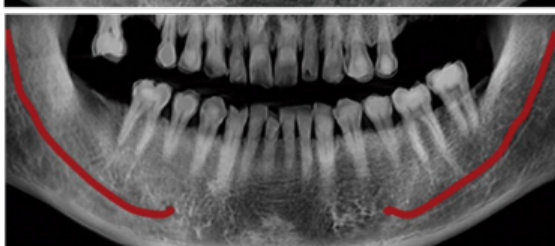
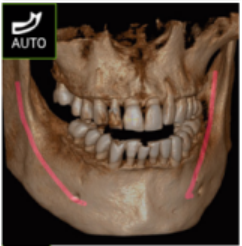
AI Implant Planning

AI가 소실치를 자동 인식하여 Fixture와 Crown의 초기 위치를 자동으로 생성합니다.



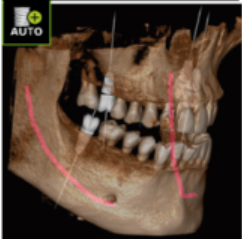
Dental Arch

AI generates arch line in seconds, accurately.



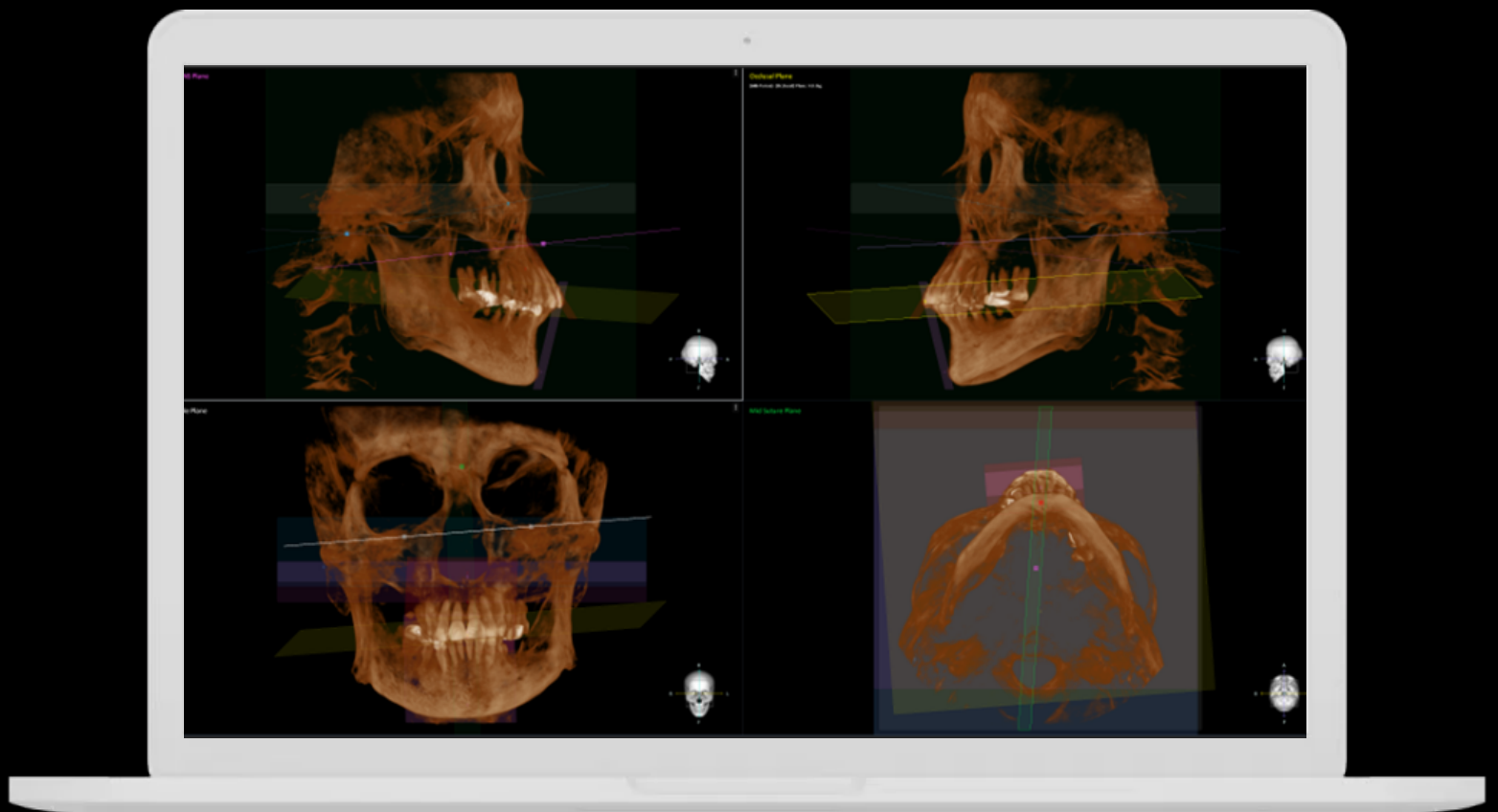
Nerve

AI detects inferior alveolar nerve in 15 seconds.



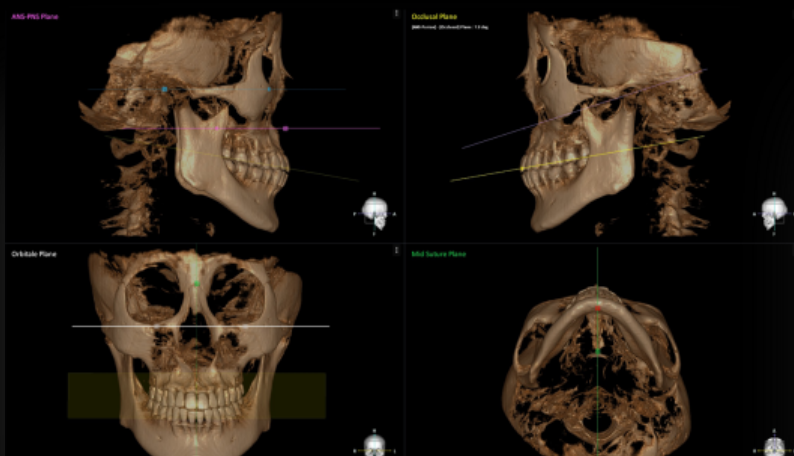
Fixture & Crown

AI sets fixture & crown positions to simplify implant planning.

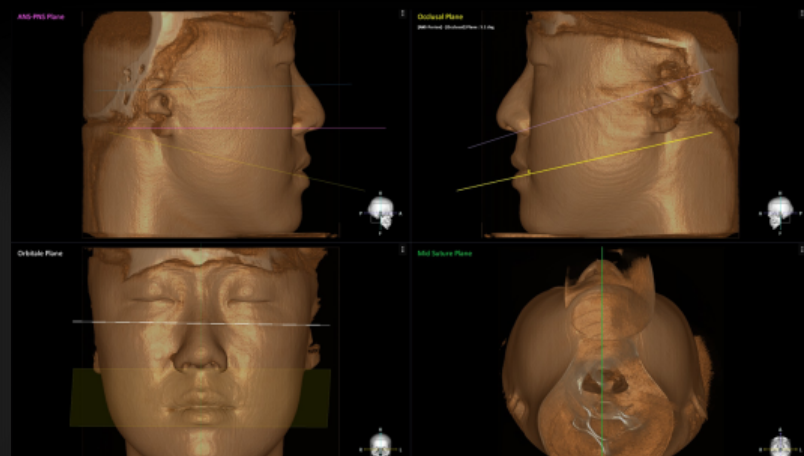


AI Occlusal Plane

ANS-PNS, Orbitale, Mid-suture 등 해부학적 기준점을 자동 탐색하여,
이를 기준으로 이상적인 교합평면과 정중선을 제안합니다.



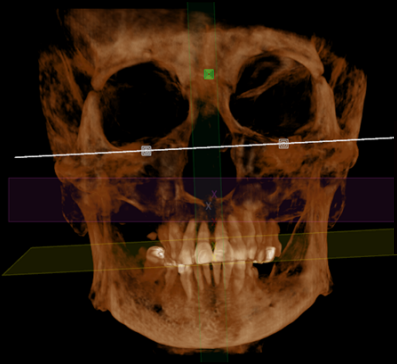
Hard Tissue



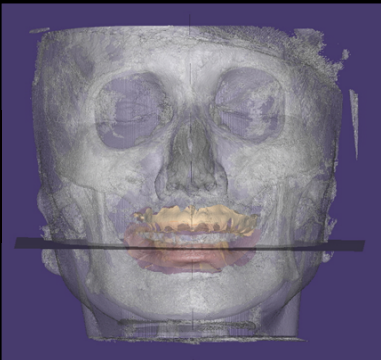
Soft Tissue

AI Occlusal Plane

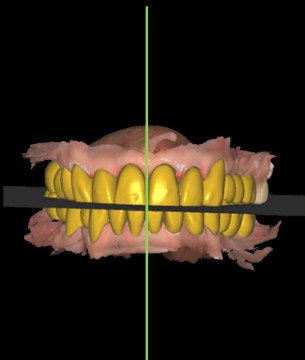
Implant Case (for prosthetic set-up)



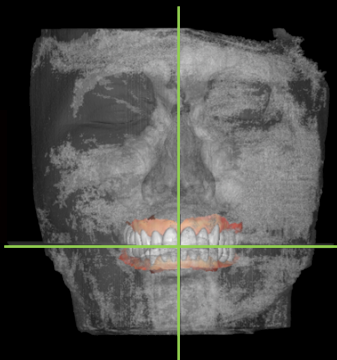
Generate Occlusal Plane & Midline Plane



Stitch CT Data & Working Model Data

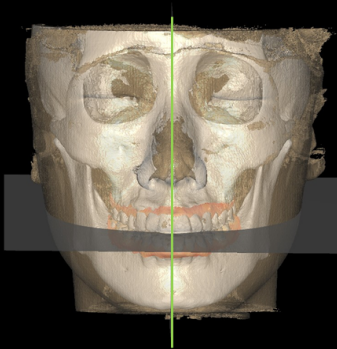


CAD-based Prosthetic Design

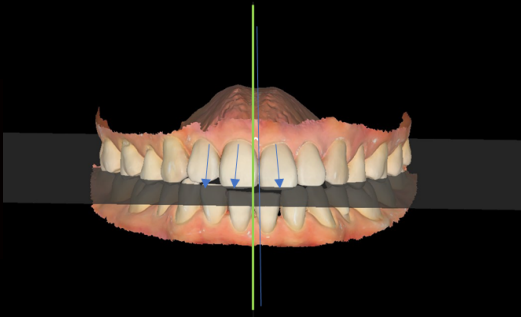


Virtual Set-up For Treatment Simulation

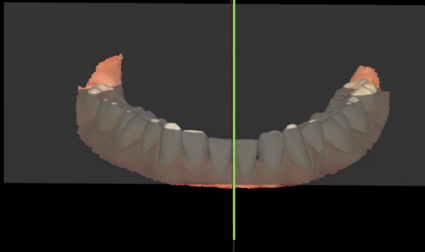
Orthodontic Case (for orthodontic diagnosis & planning)



Stitch CT Data & Working Model Data



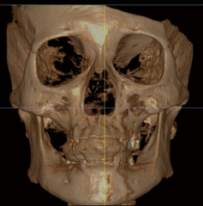
Compare the AI-generated occlusal & midline plane with the patient's actual dentition



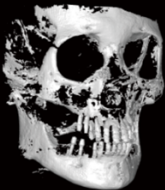
CT Check Bite (for Digital Mounting)



Initial Interocclusal record
Take a bite registration using putty matrix.



Post surgery CT Scan
After the implant placement, take a CT scan with the putty bite registration in place.



Data Acquisition
Adjust the window width and level (HU) and isolate the implant orientation data in occlusion.



Digital Mounting
Align CT STL and IOS data in CAD.



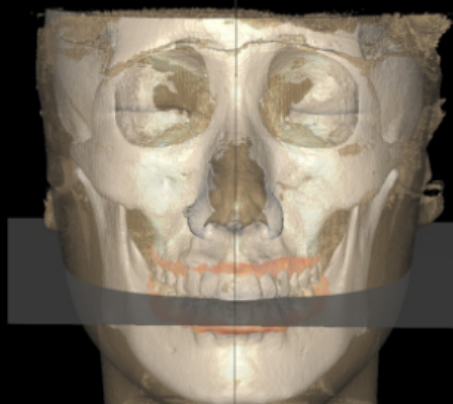
Prosthesis design with CAD
Set the midline and occlusal plane using AI Occlusal Plane feature

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Experience a fully digital workflow -

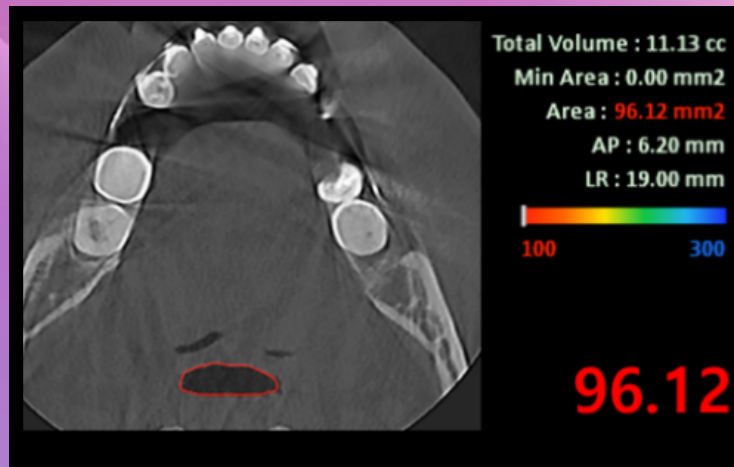
from AI-driven analysis to confident treatment execution.

With Dentium 3D Viewer, every step is simple, predictable, and precise



◀ AI Occlusal Plane

AI Airway Analysis ▶



The Future of Digital Dentistry Begins Here.