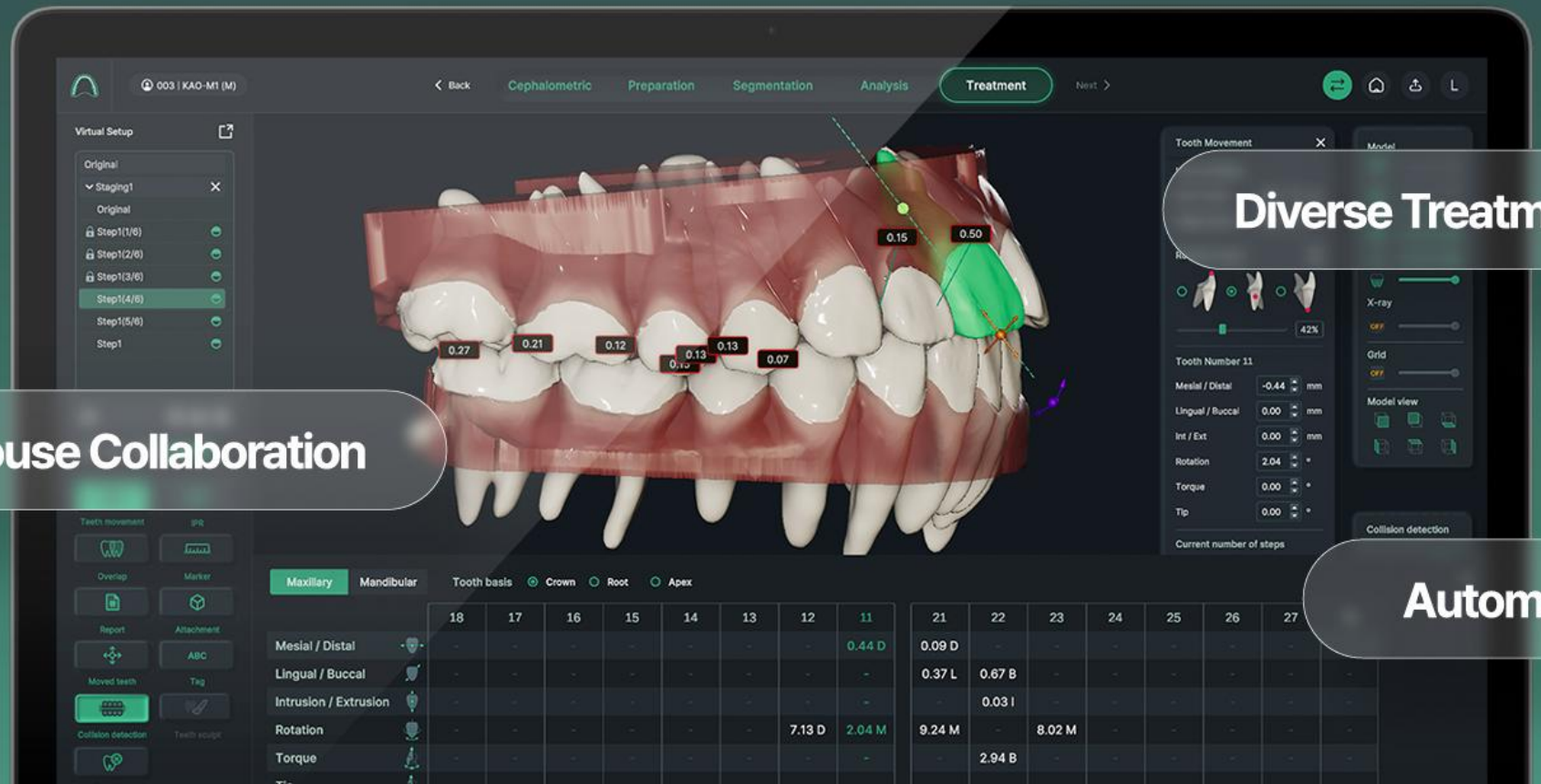
LAON MEDI

Laon Ortho

AI-Powered Orthodontic Software for Digital Dentistry

Laon Ortho is a digital orthodontic software designed for seamless use in clinical settings.

With just ONE CLICK, Laon Ortho visualizes treatment simulations and post-treatment outcomes while instantly generating a personalized treatment plan.
By seamlessly integrating X-rays, CT scans, and digital dental models, it streamlines the entire orthodontic diagnosis process within a single software solution.



AS IS

Existing Software Are Not Ready for Immediate Use in Dental Clinics

Existing software often cannot be immediately applied in dental clinical settings due to its complexity and difficulty of use, along with a lack of clinical confidence in digital treatment planning.
An intuitive and reliable solution is essential to address these challenges.

Setting Orthodontic Treatment Plan

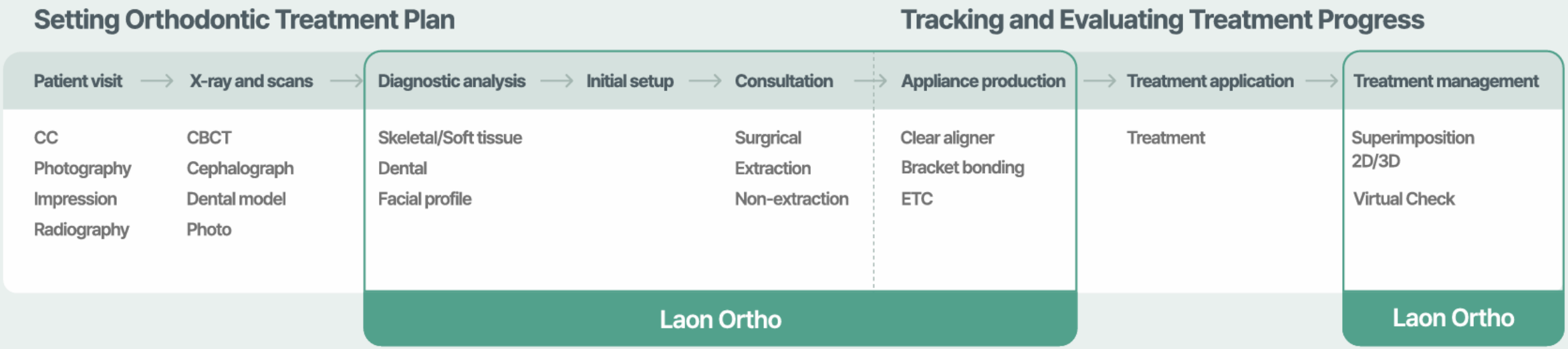
Tracking and Evaluating Treatment Progress

Patient visit	X-ray and scans	Diagnostic analysis	Initial setup	Consultation	Appliance production	Treatment application	Treatment management
CC	CBCT	Skeletal/Soft tissue		Surgrical	Clear aligner	Treatment	Superimposition 2D/3D
Photography	Cephalograph	Dental		Extraction	Bracket bonding		
Impression	Dental model	Facial profile		Non-extraction	ETC		Virtual Check
Radiography	Photo						

TO BE

With Laon Ortho, you can complete digital orthodontic setup and consultation with just ONE CLICK.

Laon Ortho allows you to diagnose X-rays, oral scan data, and dental CT in one step, enabling seamless digital setup and consultation.



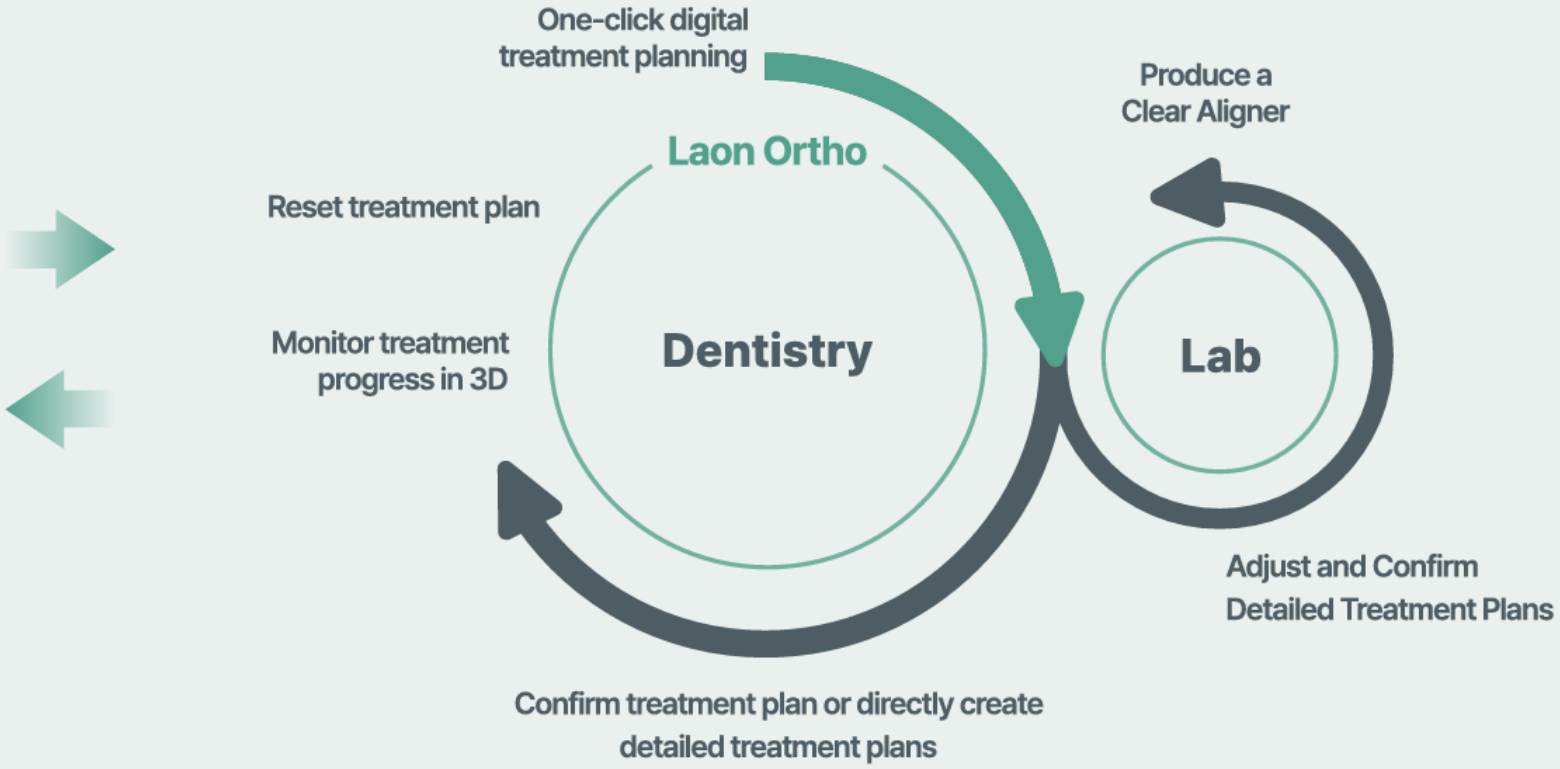
How to Use the Product

With Laon Ortho, you can customize your own orthodontic workflow.

Laon Ortho, with its cloud-based system, enables easy collaboration among multiple users
Use it for everything from patient consultation to treatment planning and clear aligner production.

Patient Consultation and Treatment Application

- ✓ Consultation on treatment plans with various options
- ✓ Monitor treatment progress



Laon Ortho work flow

One-click mode

Automatic

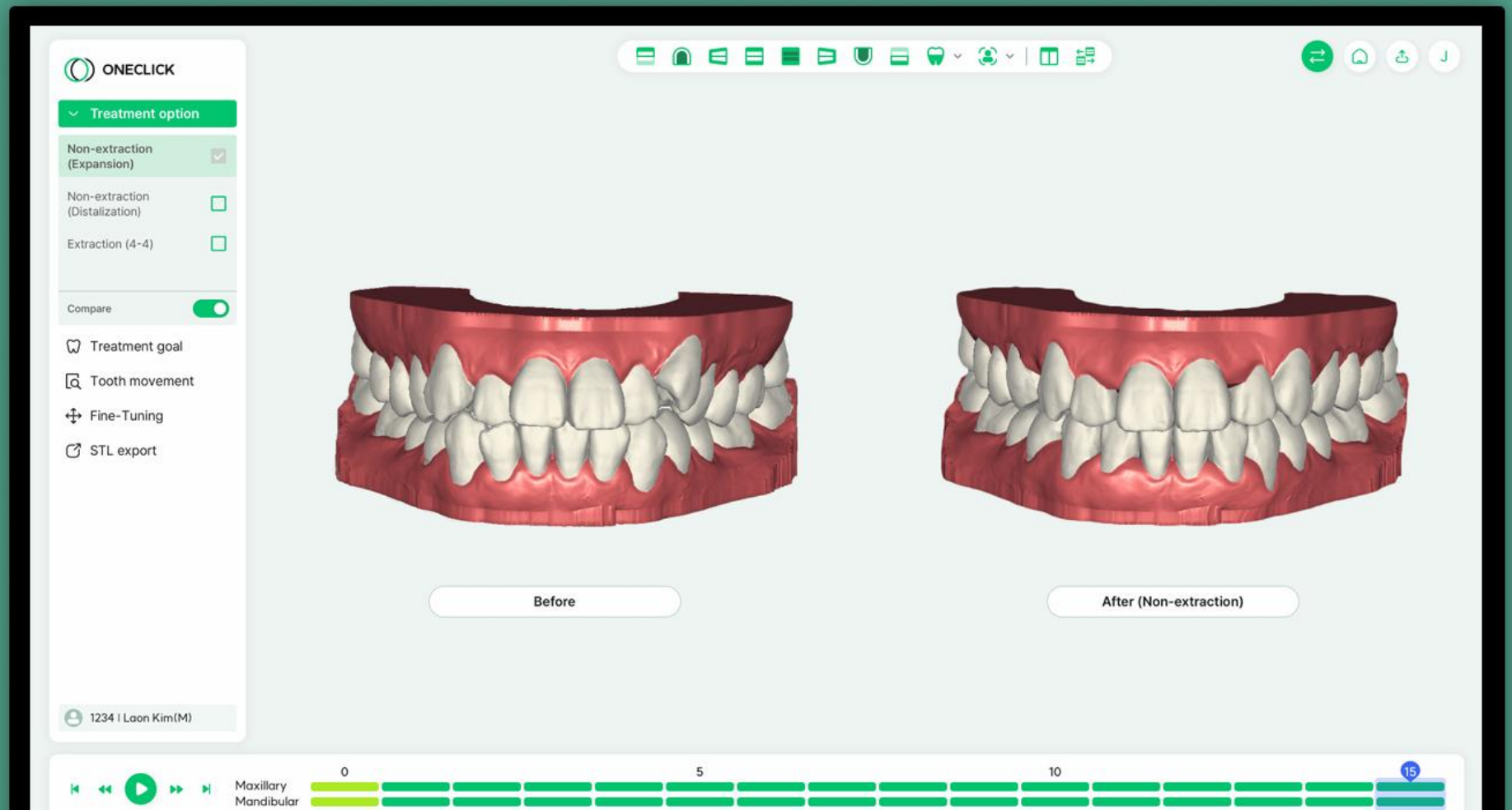
- 3D Model (Required) / CBCT Auto Registration (Optional)
- Diagnosis
- Treatment plan suggestions based on different options
- Switch to Manual Mode for detailed adjustments
- Patient consultation and 3D model output

Manual mode

- 3D Model (Required) / CBCT Auto Registration (Optional)
- AI-powered automatic tooth recognition and CBCT registration
- Treatment plan suggestions based on different options
- Switch to Manual Mode for detailed adjustments
- Patient consultation and 3D model output

One-Click mode

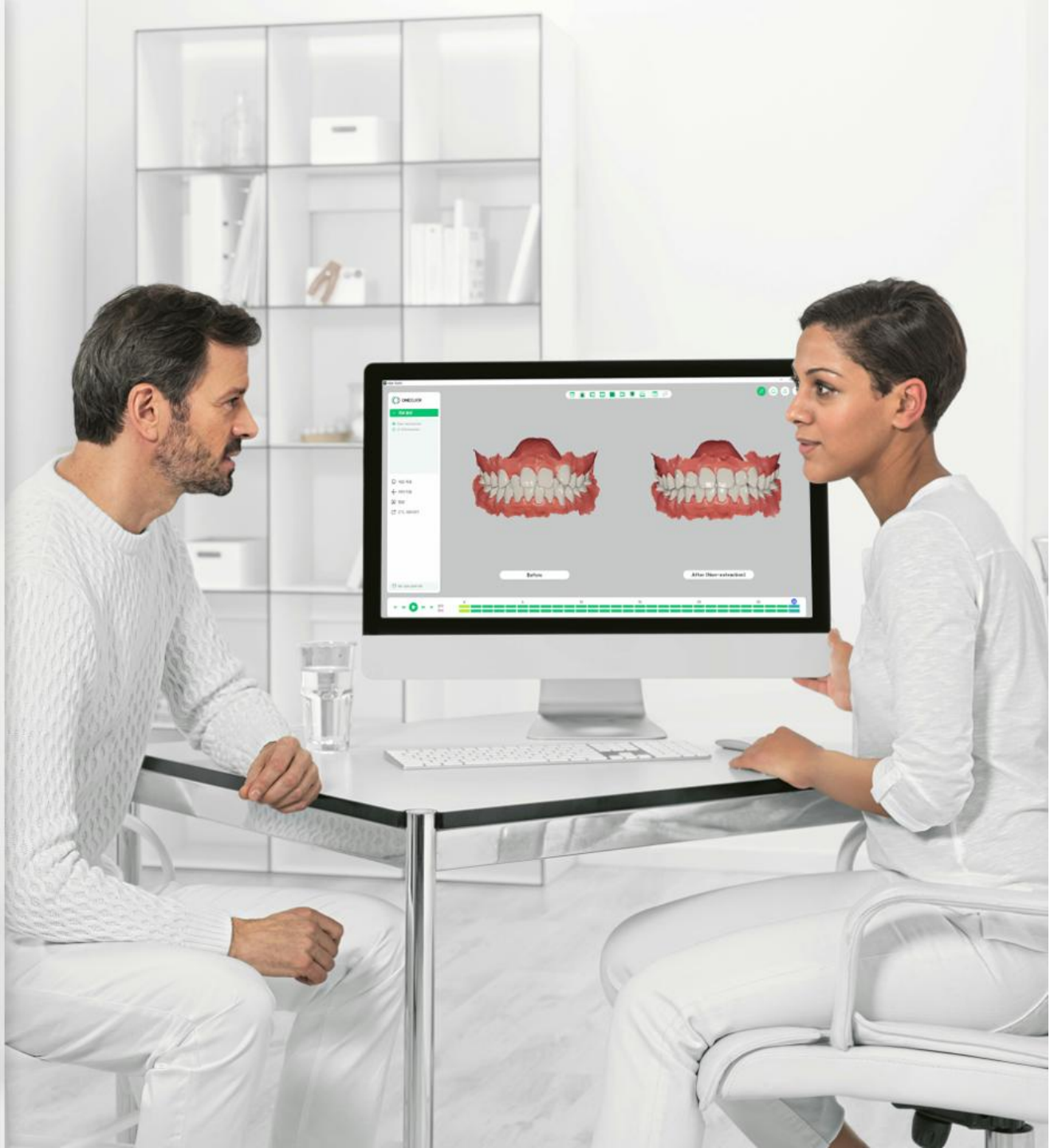
From orthodontic diagnosis to treatment planning with just **ONE CLICK**



01 | One-click setup

With instant orthodontic simulations, you can immediately proceed with **consultation** and **clear aligner** production.

Utilize **CBCT** and **oral scan data** to quickly generate pre- and post-treatment simulations for consultation.



With just **ONE CLICK**, preparation for orthodontic treatment is complete.

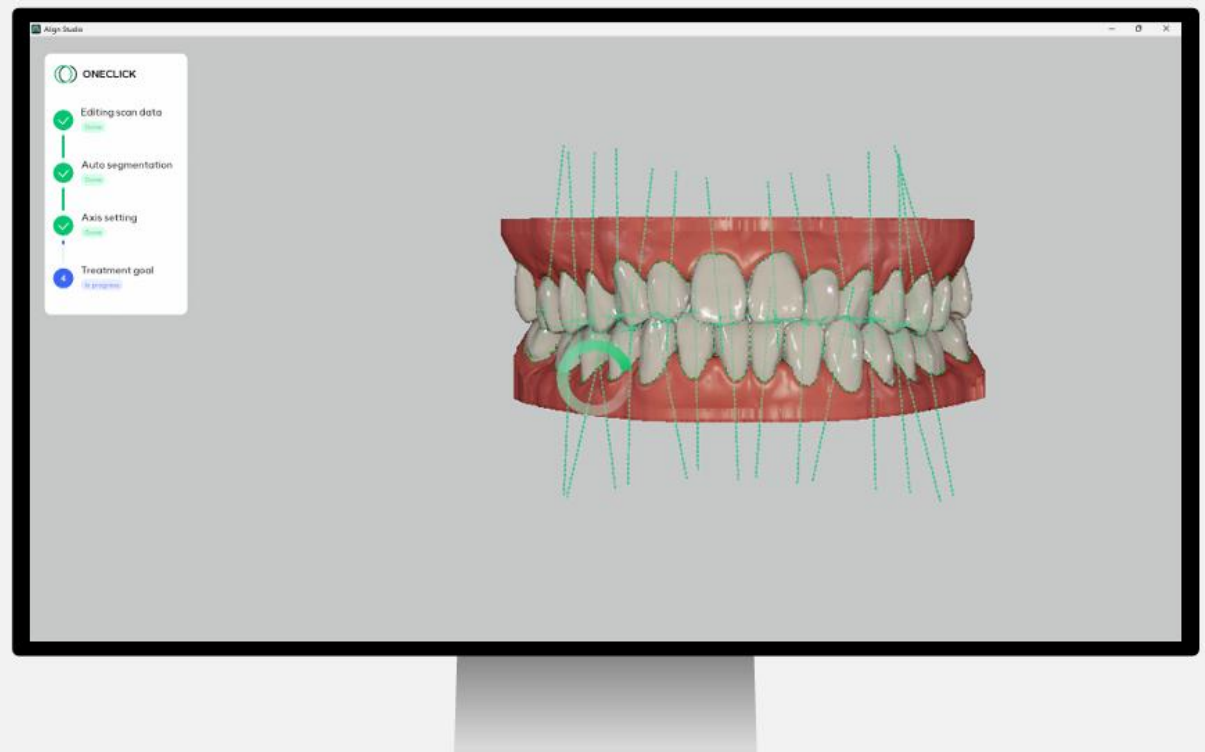
Automated preparation process

Laon Ortho automatically corrects scan model errors, recognizes teeth, sets tooth axes, and align data.

Correct oral scan data errors.

Automatically recognize teeth, set tooth axes, and classify occlusion.

Automatic alignment of dental data: Facial Photo + Model + CBCT.



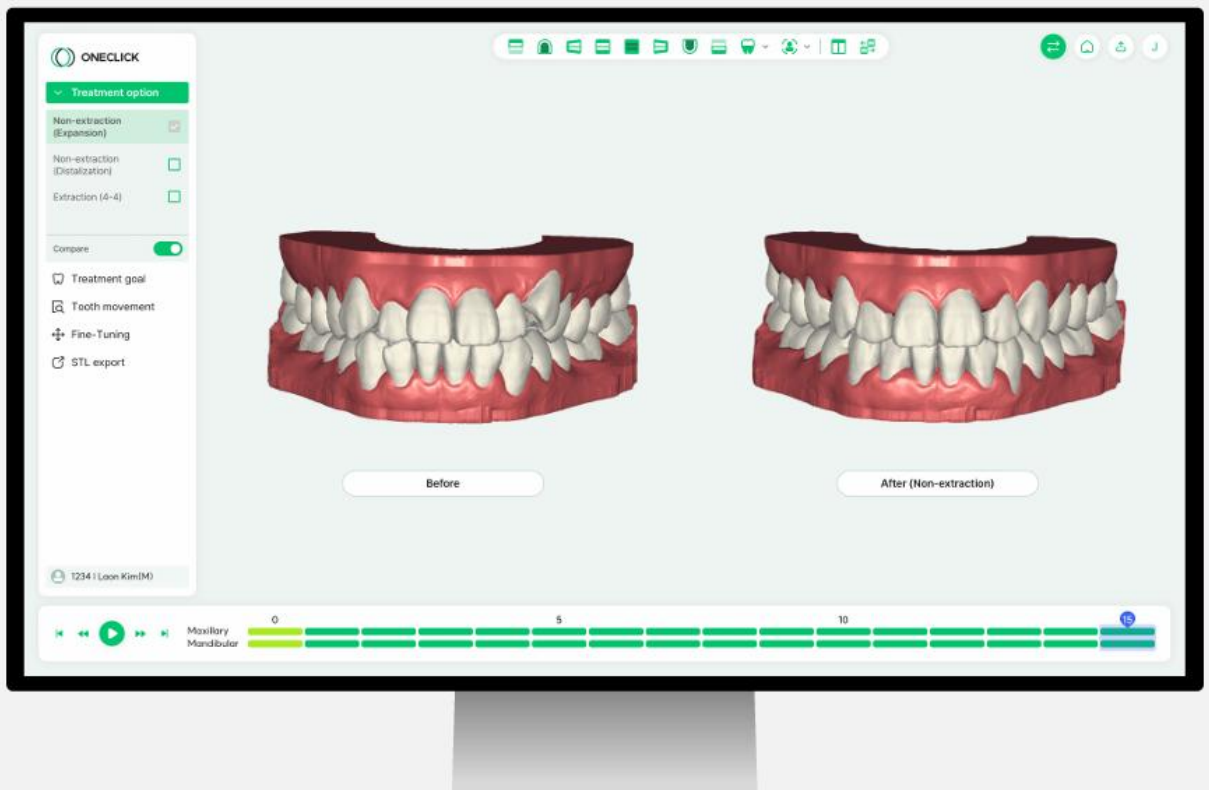
With just **ONE CLICK**, you can establish orthodontic treatment plan

Personalized orthodontic setup simulation

Automatically suggests both extraction and non-extraction setups, with the option to modify treatment options based on the clinician's judgment.

Provides extraction/non-extraction options based on clinical needs.

Includes arch expansion, IPR, molar movement, and space closure.

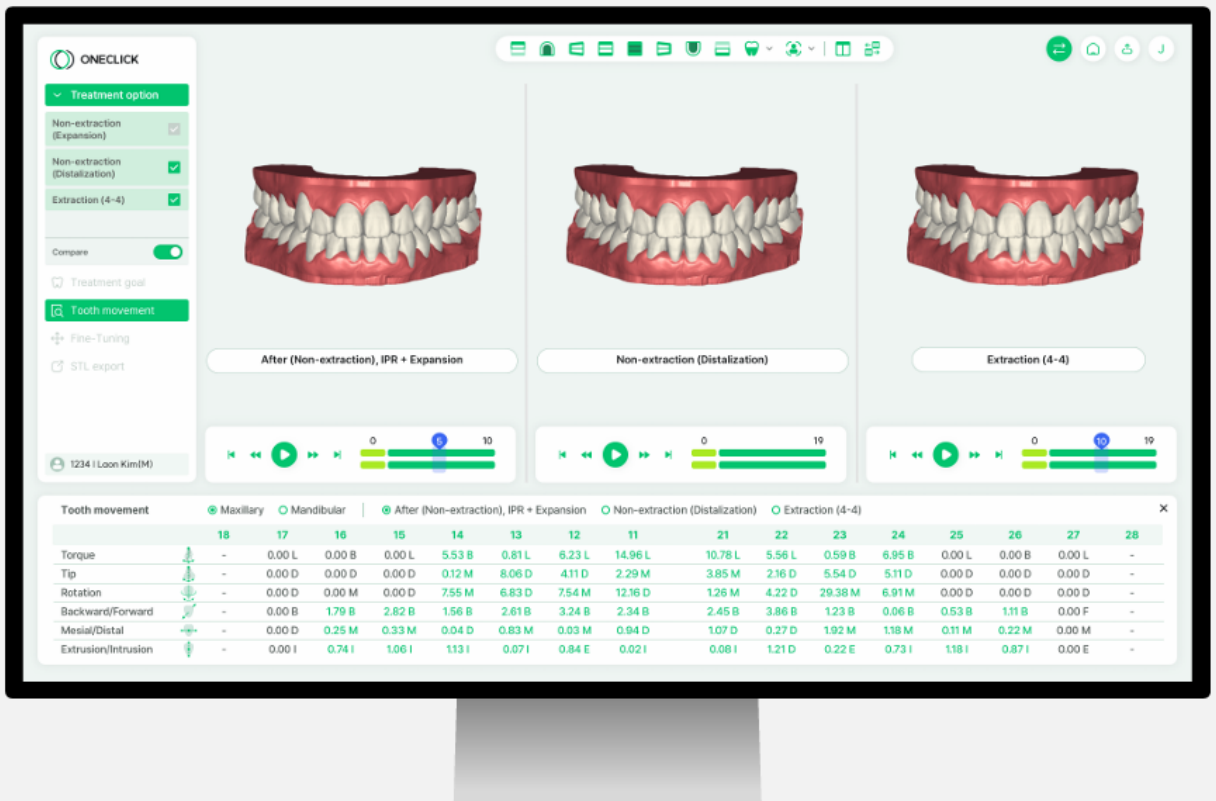


Compare **Various Treatment** Simulations

Treatment Option Comparison Feature

Select multiple treatment options and compare them step by step in real time. Find the best approach for your patient suggested variations.

Automated Treatment Option Comparison (2–3 Variations)

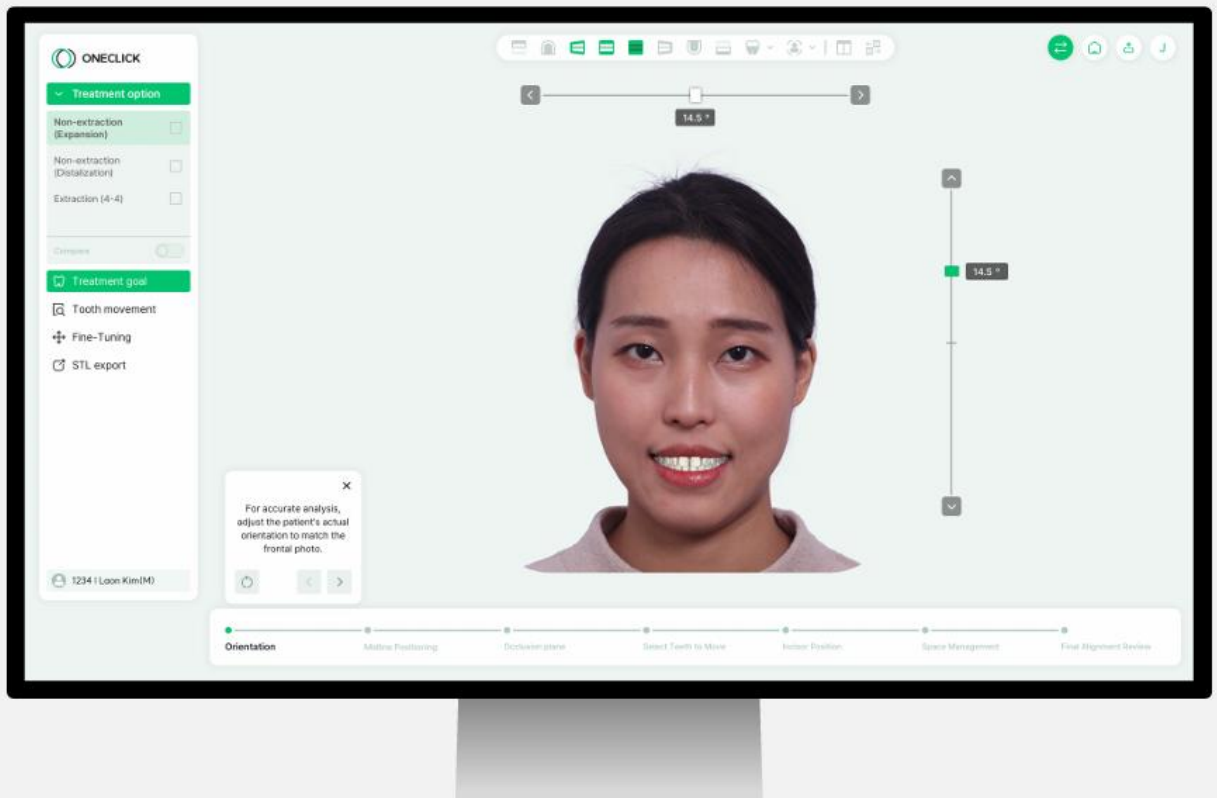


Guided Plan

Personalized Step-by-Step Treatment Plan Creation

Create a customized orthodontic plan by selecting conditions at each step:

1. Set the facial midline
2. Set the occlusal plane
3. Select teeth to move
4. Adjust anterior tooth positions
5. Select space planning approach
6. Adjust final arch form
7. Complete the treatment plan



Manual mode

3D Virtual Treatment Setup Using Multimodalities

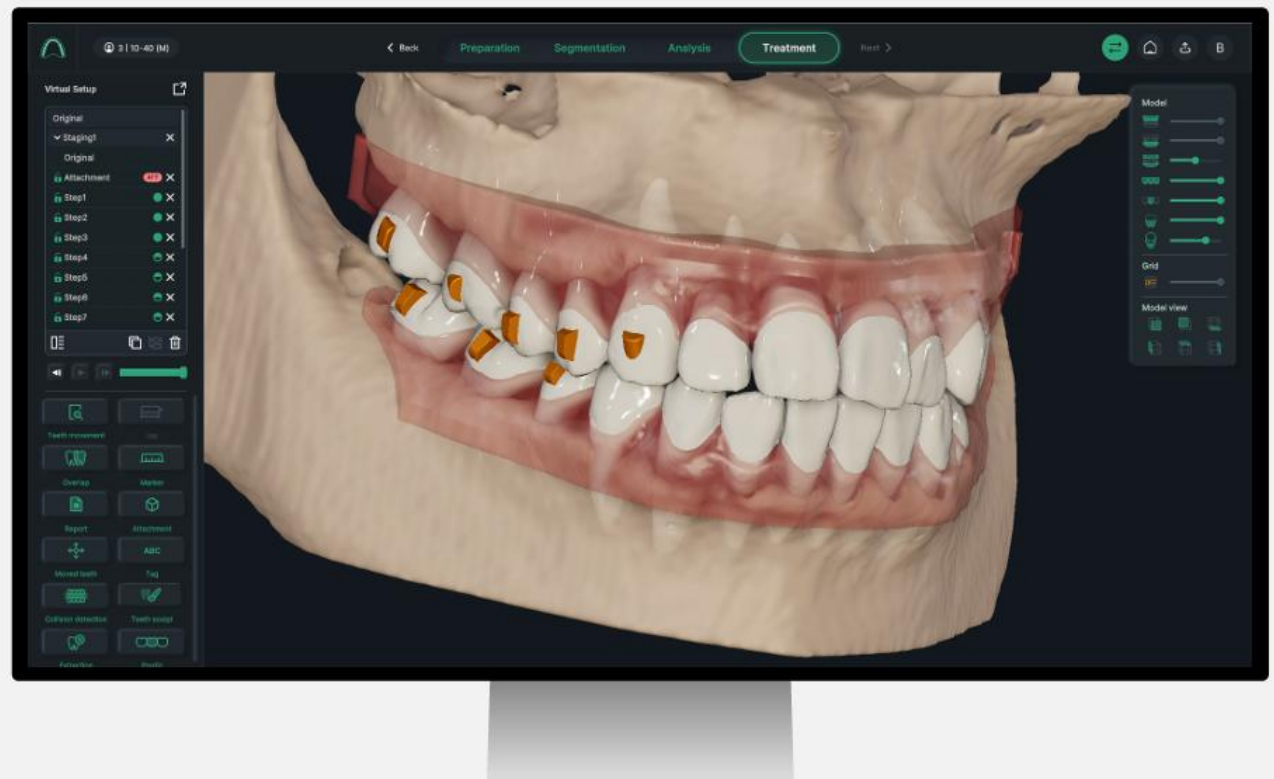
Fully Automatic AI Segmentation of **Teeth and Alveolar Bone**.

Fully Automated Pre-Treatment Preparation for Treatment Planning.

With one click, **teeth and alveolar bone** are automatically separated, streamlining the pre-treatment workflow. Furthermore, **CBCT and intraoral scan data are precisely fused** for enhanced accuracy in treatment planning.

Accuracy **98%**

Latency **30sec**

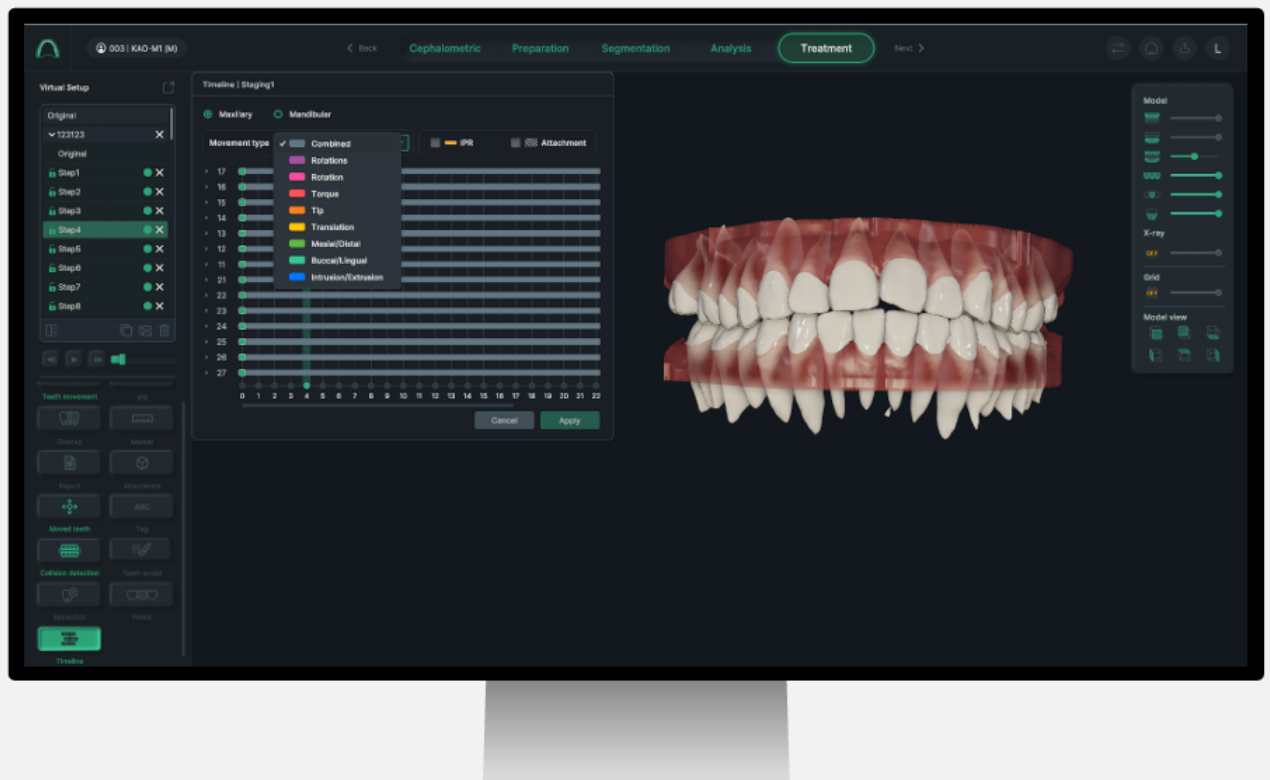


Treatment Plan Using Orthodontic **Anchorage Points**

Adjust Tooth Movement at Each Treatment Stage

You can determine the sequence of tooth movement and create a treatment plan using orthodontic anchorage points.

Flexible Tooth Movement Planning at Each Stage

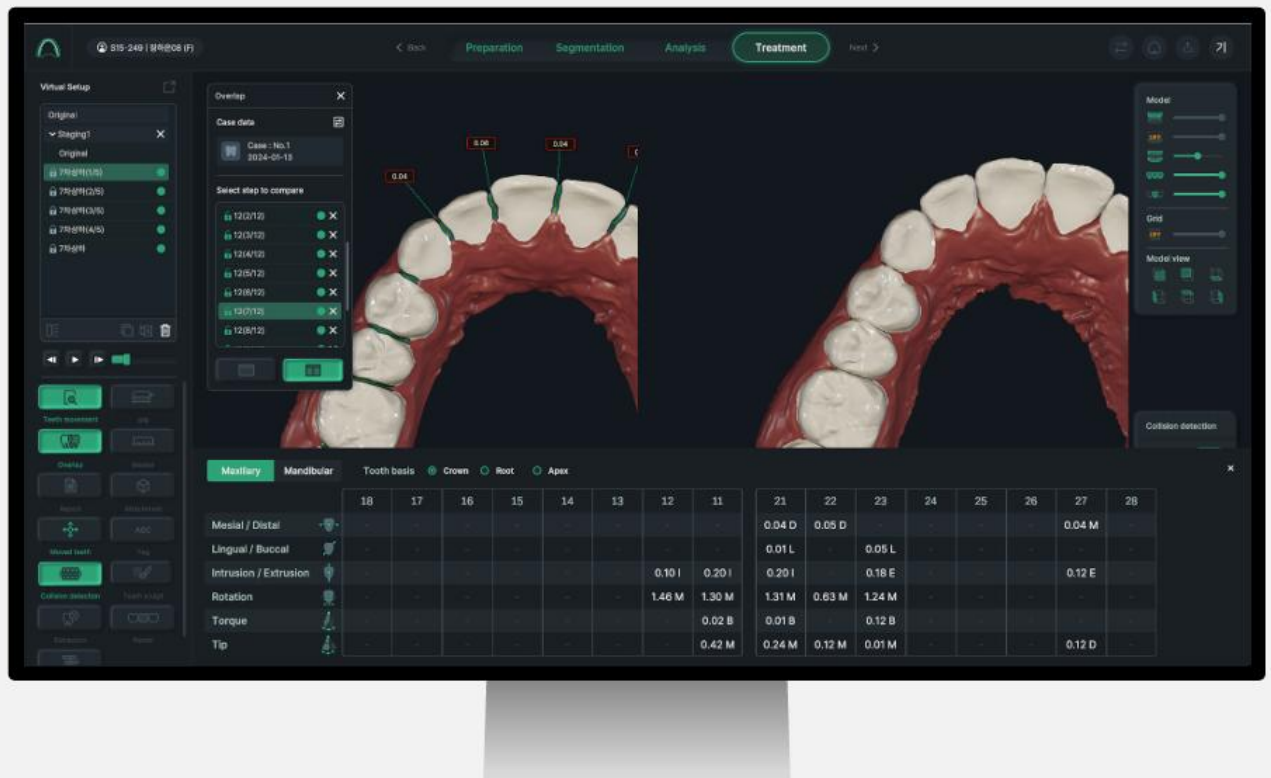


Visualize Tooth Movement at Each Treatment Scan Point

Observe Tooth Movement at Rescan Points

By checking the tooth movement at each patient visit, clinicians can assess the progress of the treatment plan and use it for further treatment planning and consultation.

Overlay and compare 3D models at each case point.

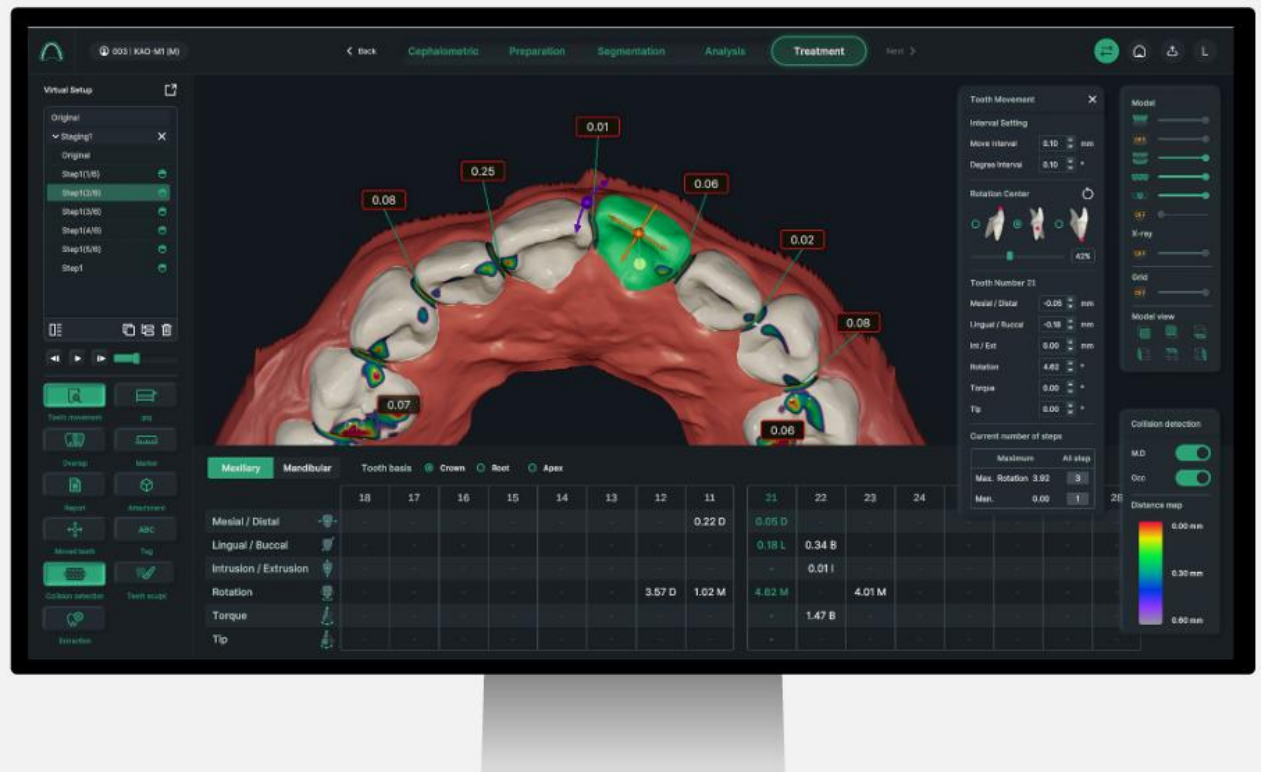


IPR Calculation Through Real-time Tooth Contact Measurement

Tooth contact measurement

You can determine the overlap or space measurement between teeth according to the orthodontic treatment plan, allowing it to be reflected in the treatment plan.

Real-time Space Information Monitoring



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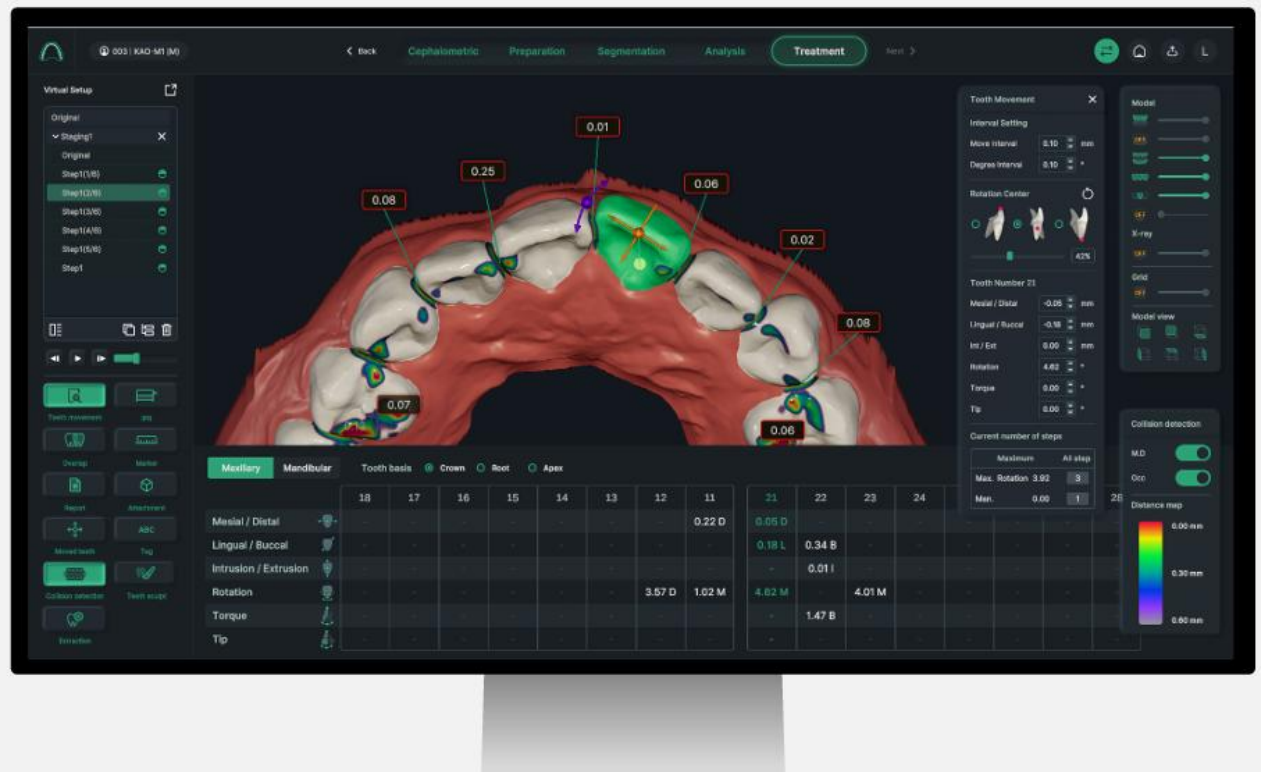
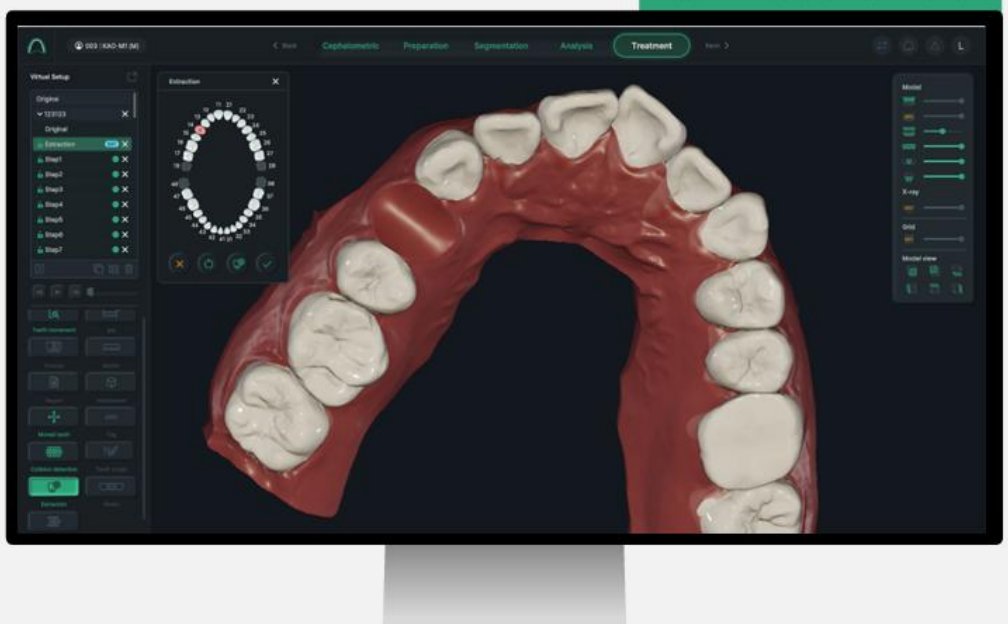


Tooth **Extraction** and **Pontic** Simulation

Complex Tooth Extraction Orthodontic Treatment

Laon Ortho Enables Precise Treatment Planning by Considering Extraction Spaces.

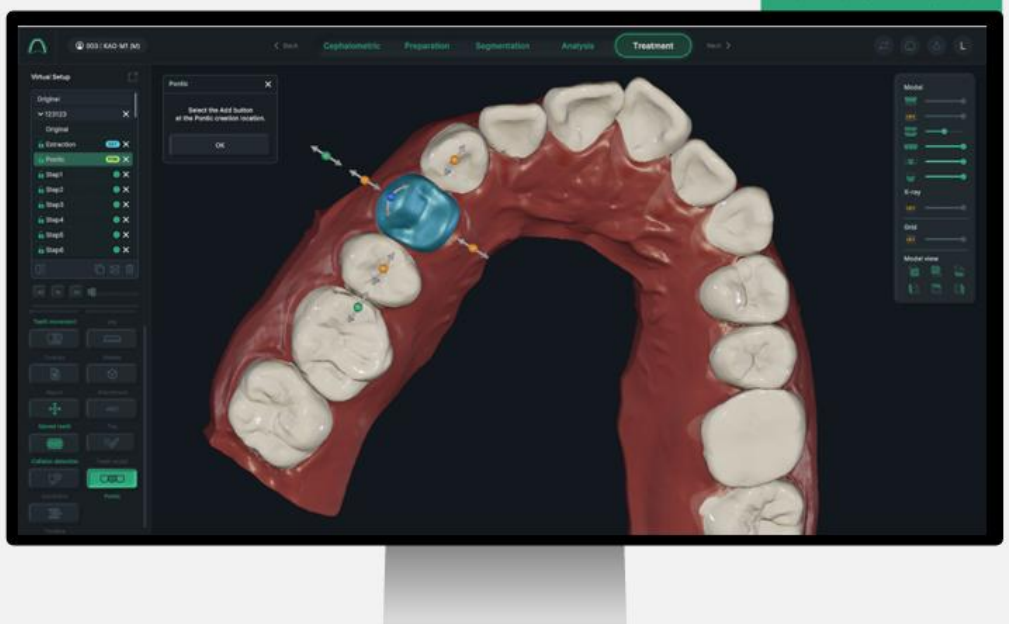
Tooth Extraction Simulation



Aesthetic Enhancement with Pontic Use

Laon Ortho Enables Treatment Plans that Maintain Natural Gaps During Treatment to Enhance Patient Satisfaction

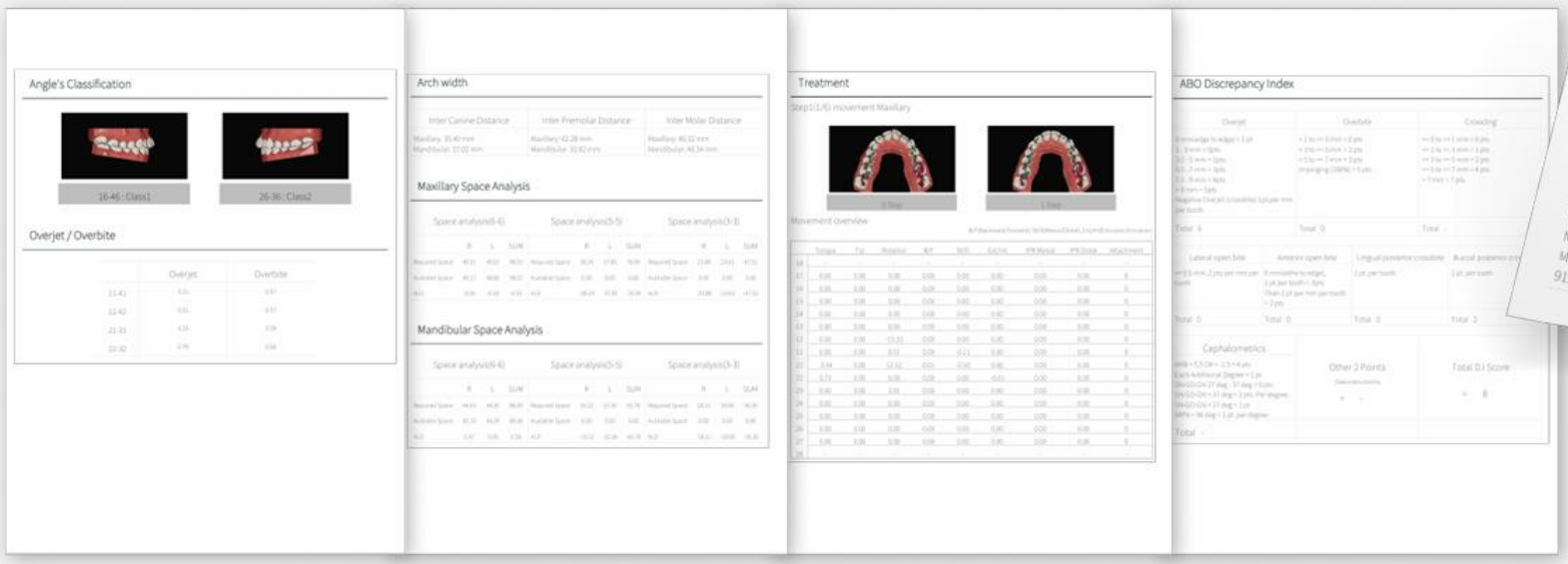
Pontic Simulation

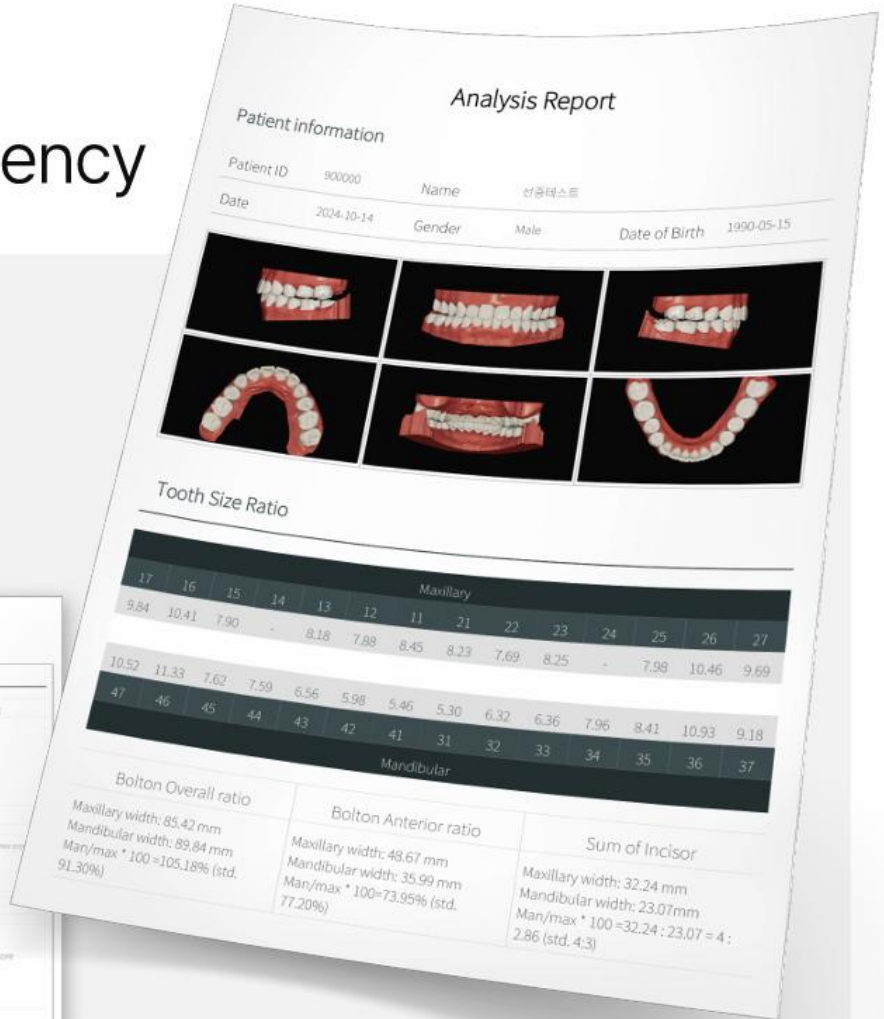


Shortened Working Time and Improved Work Efficiency

Automatic Report Generation

Diagnosis analysis of the patient and tooth movement plans for each aligner used in the treatment plan

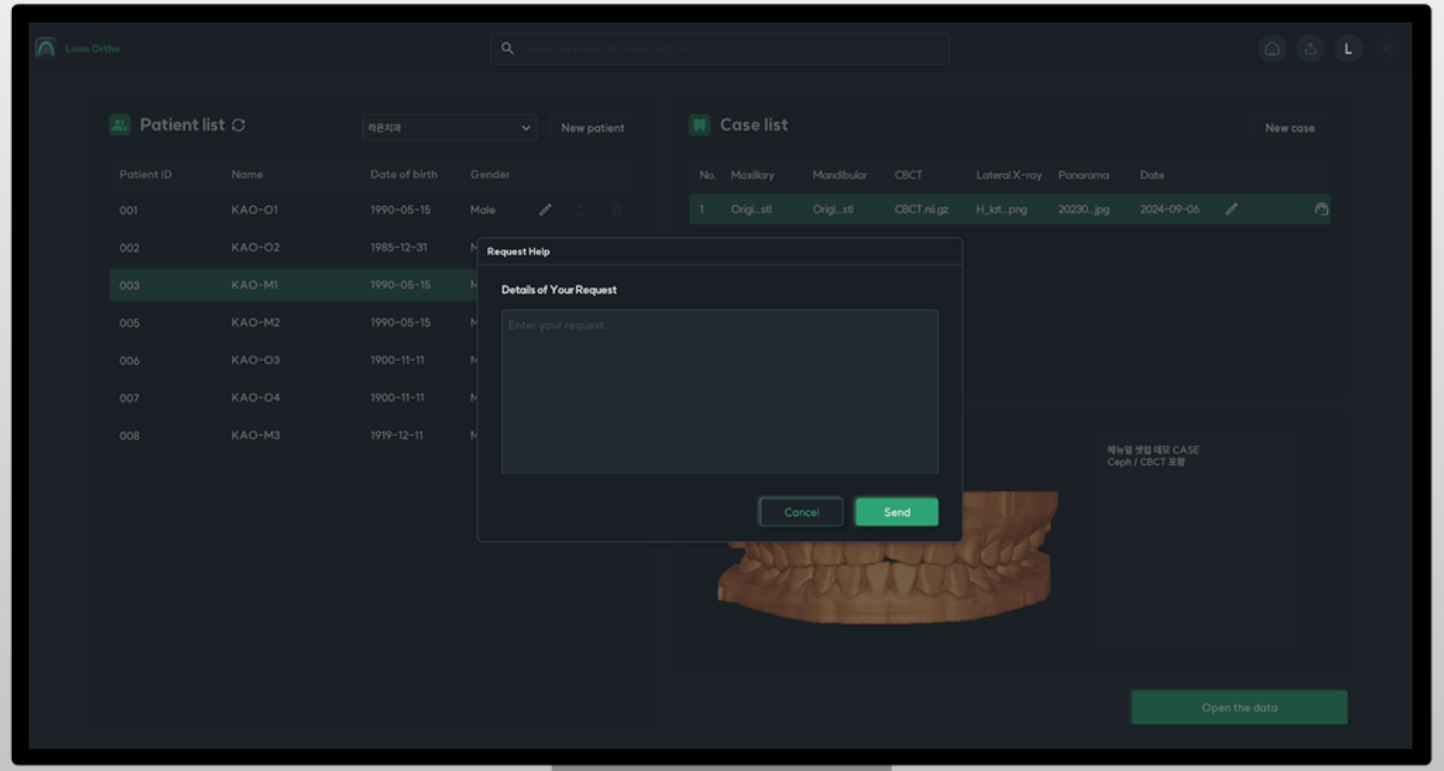




CS Service Request

Support Feature for Inquiries or Assistance with Laon Ortho

Select the patient information and provide details for your inquiry.
We will review your request and assist in resolving it, ensuring a smooth experience with the software.



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A technique that fills life with joy.

We are looking for New partners.

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