

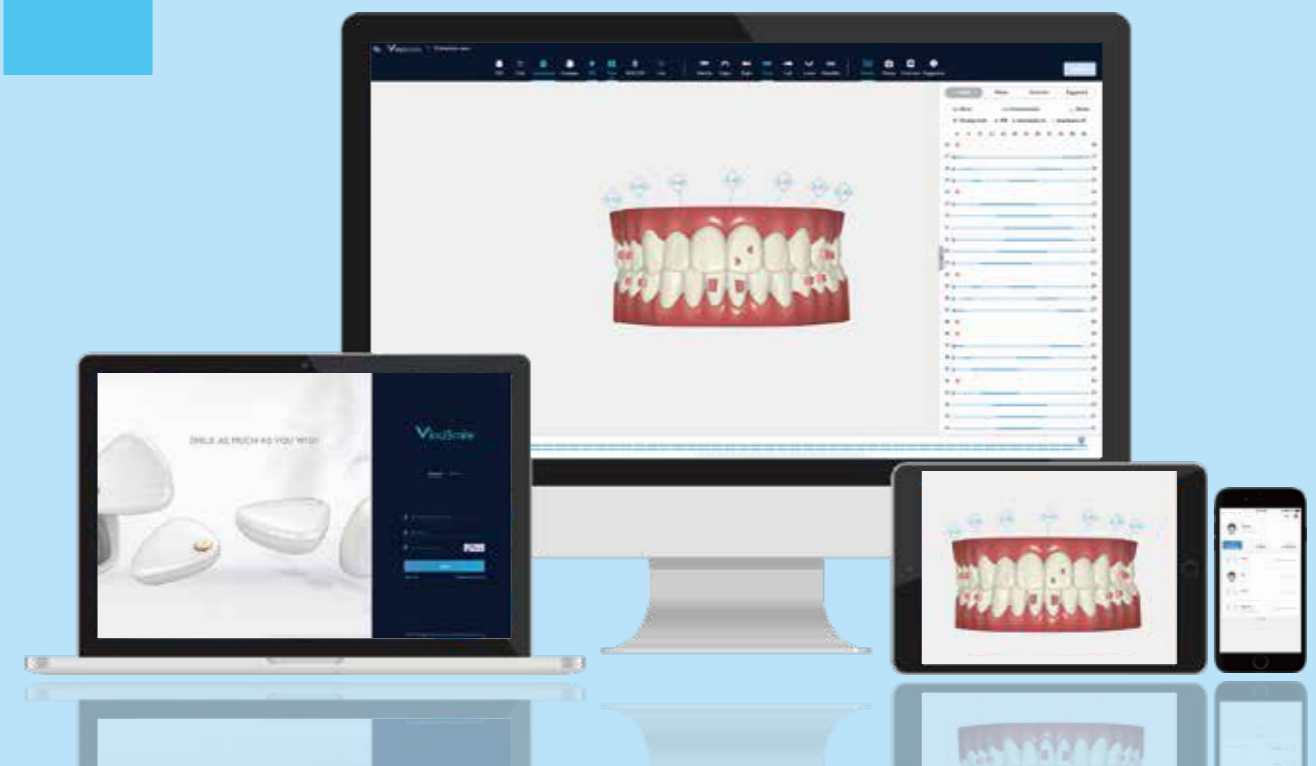


VinciSmile® Ortho System Web Instruction



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New Software Advantages

VinciSmile orthodontic system's patented software comes with extensive functions to ensure ease of use and accuracy of design. Doctors and patients can see the whole treatment process and final result even before starting the treatment. The VinciSmile software system allows doctors to design the target teeth position for each tooth. We pride ourselves on service and have integrated a built-in communication channel for doctors to discuss treatment plans with our in-house orthodontists.



International R&D team

R&D Center in Singapore and US



Perfect software system

Platform is designed to connect seamlessly 11 software copyrights



Continuous iterative upgrade

Independent intellectual property rights to keep up with rapid iterations of update in business requirements



First-class technical partners

UCLA, NUS, and first-class institutions in China



About Us

VinciSmile, from the USA with headquarters located in Los Angeles, California, is an enterprise specialized in the research and development of invisible orthodontic aligners, which are an effective alternative to traditional metal braces.

VinciSmile aligners have been awarded with 11 copyrights and more than 30 patents. Implementing and leading the strict QC standards in the industry, VinciSmile aligners have passed the CE (EU), FDA (USA), MDL (CAN), ISO13485, ARTG (AUS), NMPA (CHN) and other quality system certifications and product registrations around the globe.

VinciSmile orthodontic system's patented software comes with extensive functions to ensure ease of use and accuracy of the treatment proposal. Both doctors and patients can see the whole treatment process and final outcome even before starting the treatment plan. VinciSmile's orthodontist-led team designs and verifies every 3D treatment plan to ensure accuracy.

3D scheme topspeed loading

Industry-leading program download speed



Smooth operation and high stability

Strong development team, decades of technology experience



Easy to operate and use

Devote to simplifying the operation of doctors



Simplified digital workflow

Systematically digital solution, meeting clients' demand



Comprehensive and practical software functions

User-oriented, gathering industry leading technology



Perfect user privacy mechanism and security strategy

Cutting-edge encryption technology and transmission protocols, top data security partners



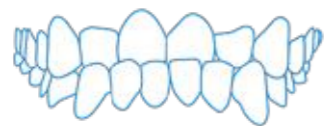
Advantages

- Invisible: Vincismile aligner is made of transparent polymer materials, and is unobservable by others when you are wearing it.
- More Comfortable: The algorithm of Vincismile software can precisely calculate the appropriate amount of tooth movement and avoid irritation to the oral soft tissue which may be caused by the bracket and wire of the traditional fixed aligner.
- Removable: Vincismile aligner is removable, so the patient can take it out before thoroughly cleaning the oral cavity, which can apparently reduce the incidences of caries and demineralization.
- Convenient: Vincismile invisible orthodontic aligner needs no band, wire or bracket, and thus can reduce the chair time, and extend the time to return visit up to 8 weeks.
- Visualized Results: The 3D interface of Vincismile Scheme Viewer displays the complete treatment stages through animation, which makes it easier for the doctors to communicate with the patients.

Process of Clinical Application



Common Malocclusion Types



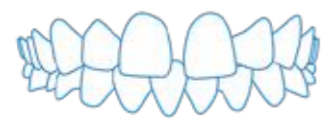
Underbite



Openbite



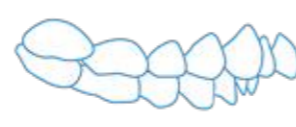
Deep Overbite



Spaced Teeth



Crowded Teeth



Protrusion

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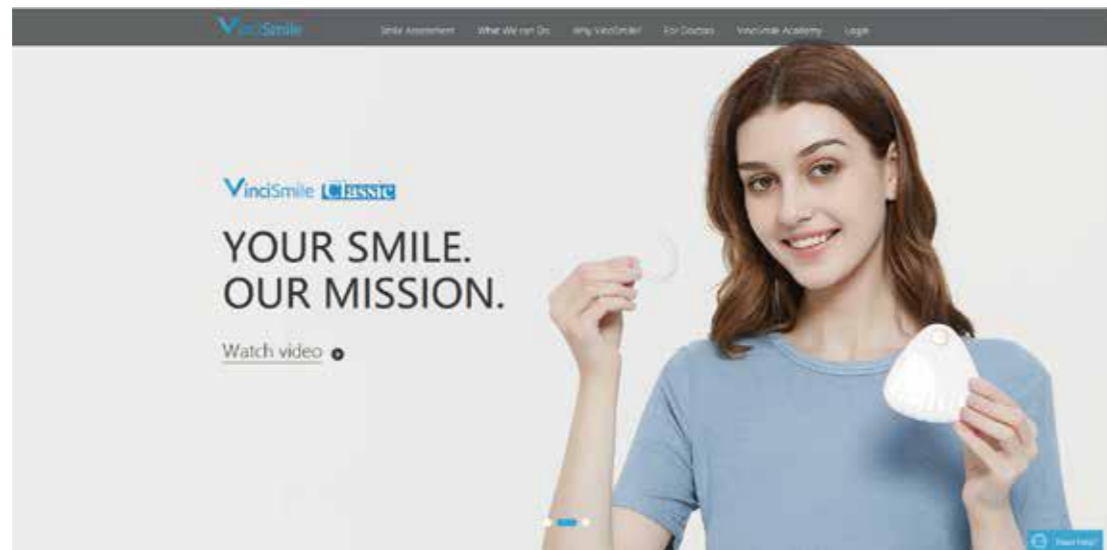
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1 Registration & Login

1. Doctor Registration

Enter Vincismile website: www.vincismile.com

Step1 ● click [Doctor Login]- [Dr Login]



Step2 ● click [Sign up]



Step3 ● Enter the registration interface, input doctor information



Step4 ● Set up e-mail address and password (at least 6 digits)



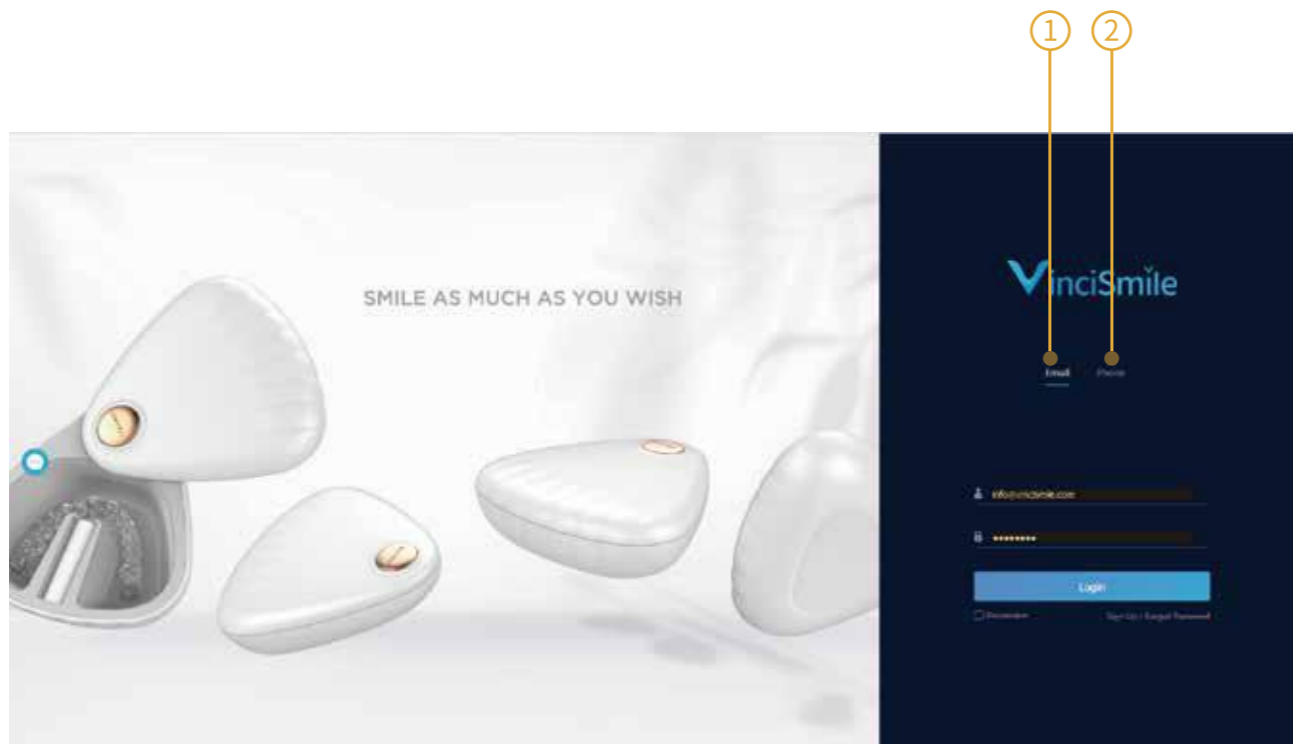
Step5 ● Click [Sign Up] to submit doctor's account. Doctor's account shall be approved within one workday, and doctors shall be noticed by a SMS notification.



2. Doctor Login

Method 1 Account and Password: input registered phone number/email, password (at least 6 digits), and identification code

Method 2 SMS code: input registered phone number to receive a SMS code



3. Forgot password

Step1 Enter the login interface, click [forgot password]



Step2 Enter the registered email address, click [submit]



Step3 After submitting, the registered mailbox will receive a "retrieve password" link sent by VinciSmile, open the URL, and reset the password.



2 Add New Case

Step1 ● Click [Add Case] to create new cases



Step2 ● Select treatment type



Step3 ● Enter the patient's information (required information with *)



Step4 ● Enter the clinical examination information



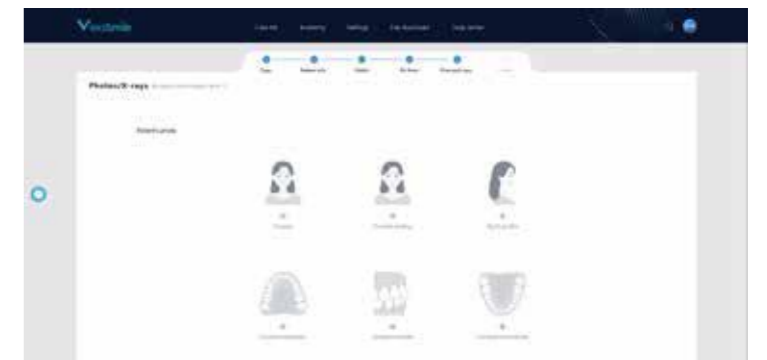
Step5 ● Enter the prescription information



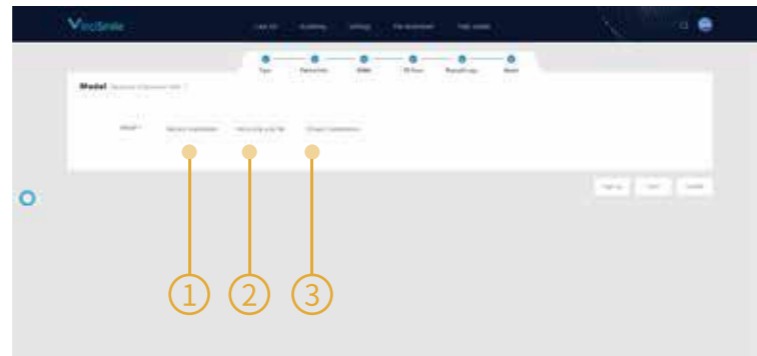
Step6 ● Upload the patient's photos and X-rays

Note

1. Follow the text prompt and upload the corresponding patient photos.
2. Hovering over a photo, you can rotate, mirror, or delete the photo.



Step7 ● Submit your silicone impression or intra-oral scan file



Select among silicone impression, intra-oral scan file and 3 Shape Connections

1. Silicone Impression

Mail the silicone impression to Vincismile and fill in the express order number.
 (Postal information: Recipient: Logistics Dept. Address: Rm. 803, Tower A, Vanke Center,
 #2 Heilongjiang (S) Rd., Shibe District, Qingdao, Shandong Province, 266000, PR China.
 Tel: 176-6091-9970 /Zipcode: 266000)

2. Digital Scan File

Upload intra-oral scan file (Only files in rar、zip、7z permitted)

3. 3 Shape Connections

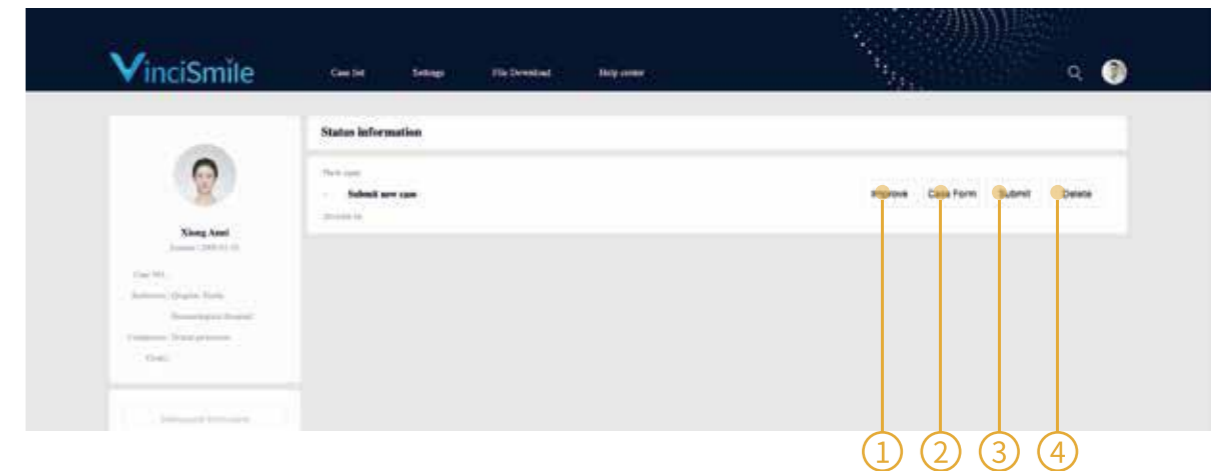
Vincismile 3 Shape account should be associated with doctor's 3 Shape Scanning device first if doctors submit an intra-oral scan file by 3 Shape Connections

(Vincismile 3 Shape Connections account: ks@vincialign.com. Please inform the sales manager after associating with Vincismile account so that we can confirm it in a timely manner.)

After completing the information, click [Save] to save the case information and edit it again.

If the information is confirmed, click [Submit] to submit the case information to Vincismile for review.

Step8 ● Case Management



Enter the Case Details interface, doctors can carry on the relevant operation to the saved case information.

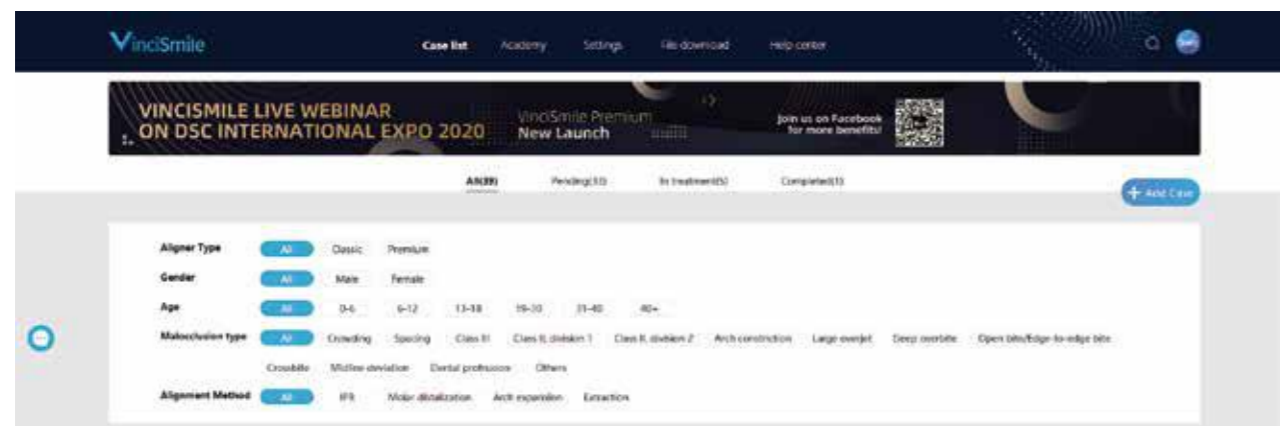
- 1.Click [Improve] to continue to modify the case information;
- 2.Click [Case form] to view the completed case information;
- 3.Click [Submit] to submit this case to Vincismile for review;
- 4.Click [Delete] to delete this case.

3 Case List



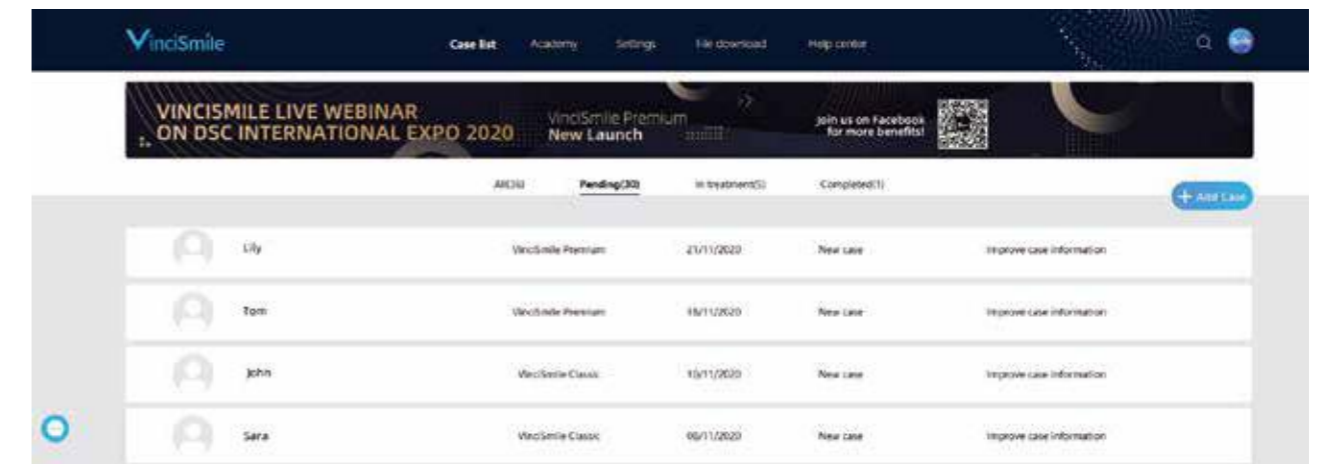
1. All

Case filtering feature allows to narrow down the case range by clicking the corresponding labels, for quick locating and searching.



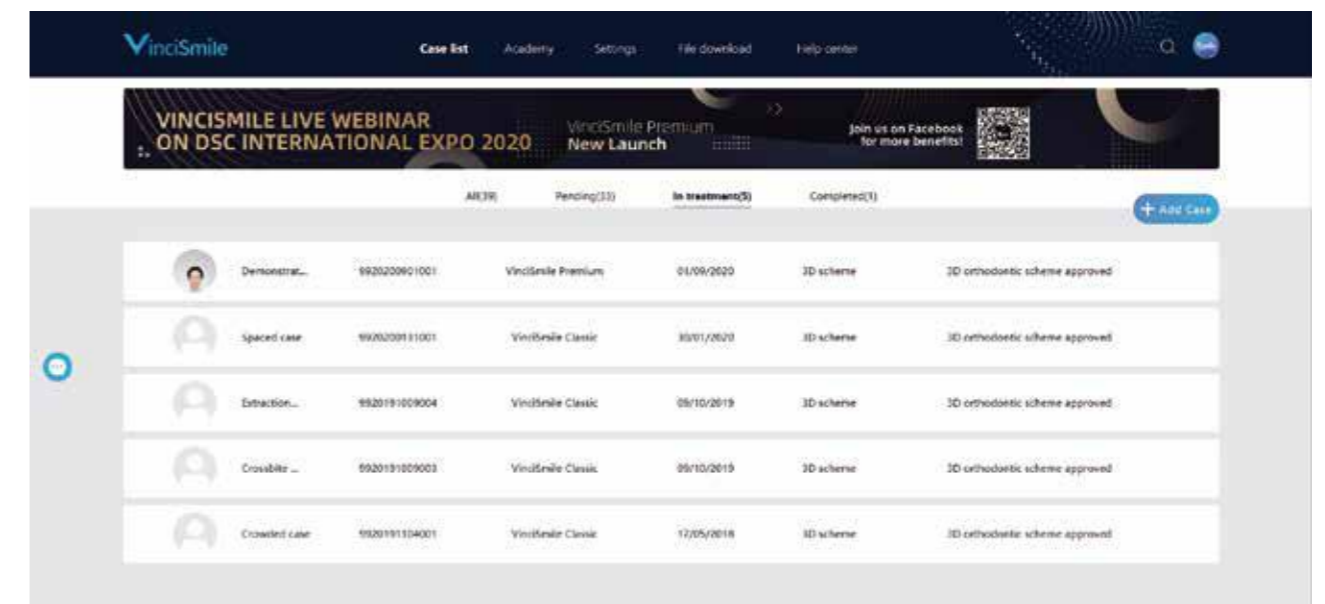
2. Pending

The main operations that need to be dealt with by doctors are: case submission, final scheme approve, fabrication plan approve.



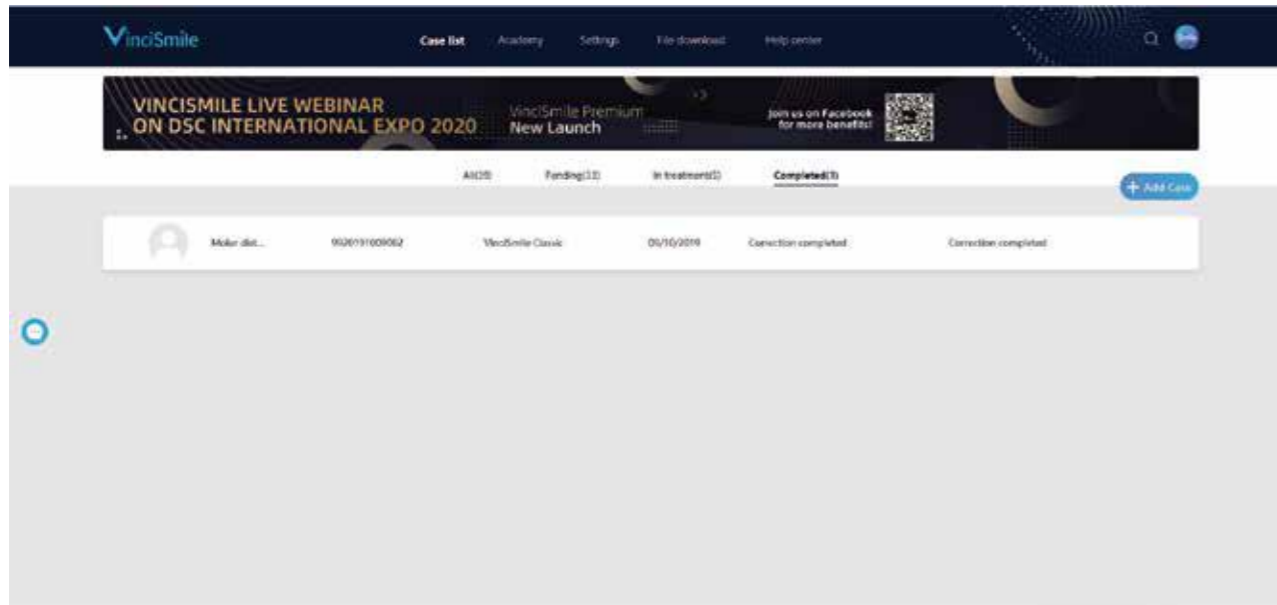
3. In Treatment

The status of the case is as follows: case data approve, final scheme design, 3D scheme design, clinical treatment.



4. Completed

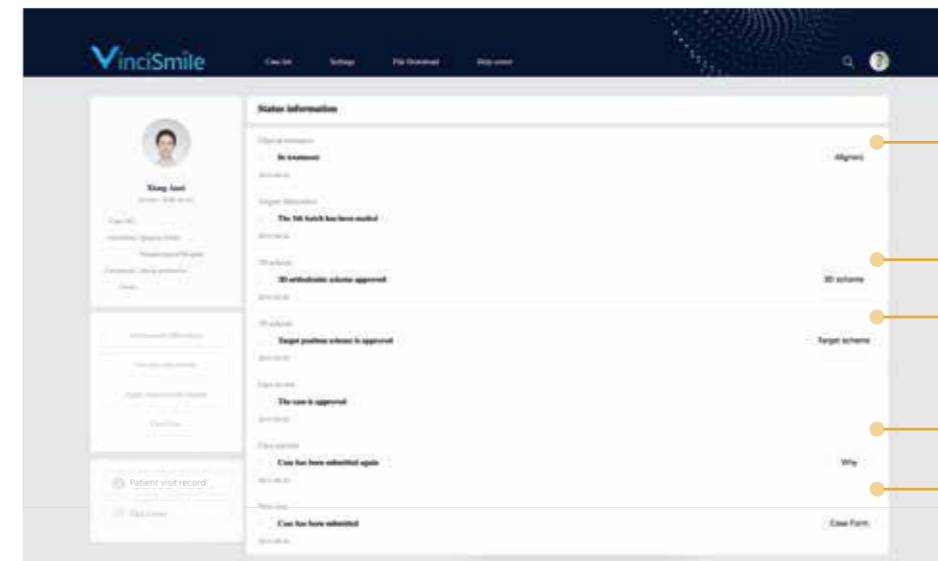
Cases in [Completed] have been completed or terminated.



4 Case Details

1. Status Information

Enter the case details interface to check the time node and the corresponding information.



Check batch information and logistics information of the appliance that has been mailed out

Check 3D scheme

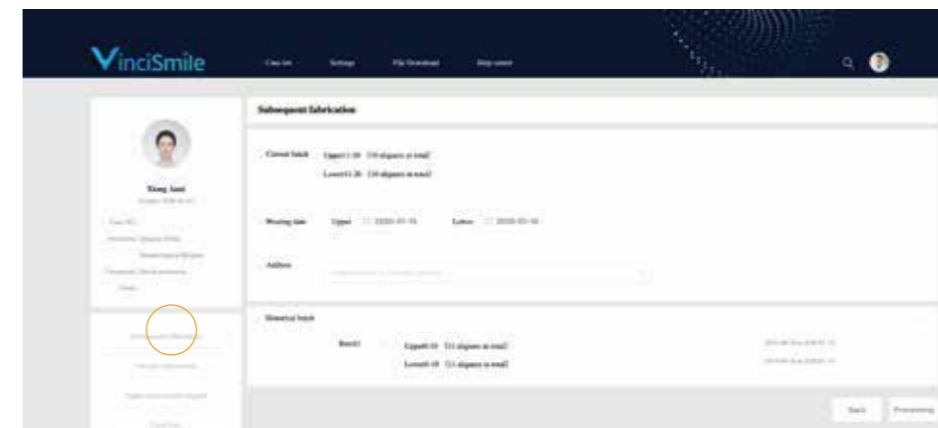
Check final position scheme

Check reasons for rejection

Check submitted patient information

2. Subsequent Fabrication

When the patient is about to wear the current batch appliance, the doctor needs to click [Subsequent Fabrication], and we will produce the next batch of appliance for you.

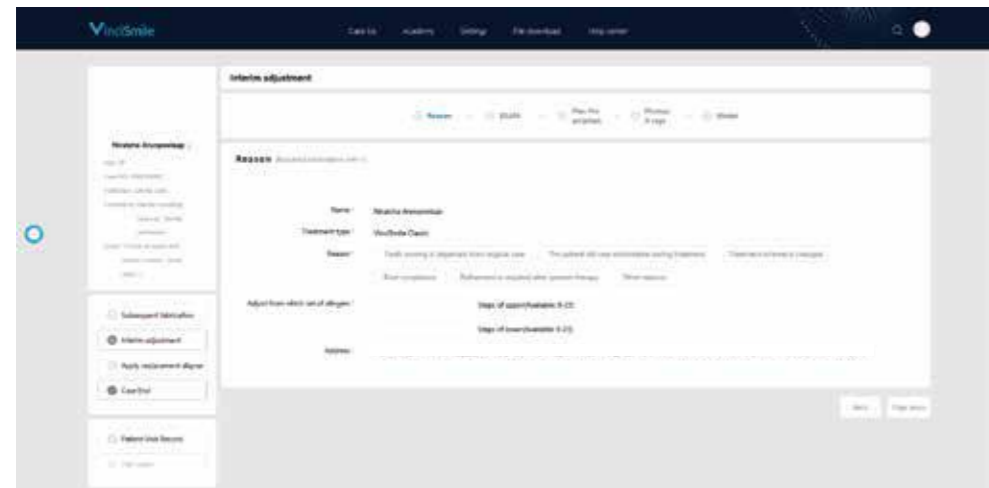


Note

1. If the subsequent appliance that has been applied for fabricating has not been mailed, the next batch of appliance cannot be applied for. If doctors need to fabricate all the appliances, please contact the sales manager.
2. Please make sure that the appliance mailing address is correct when applying for subsequent fabrication.

3. Interim adjustment

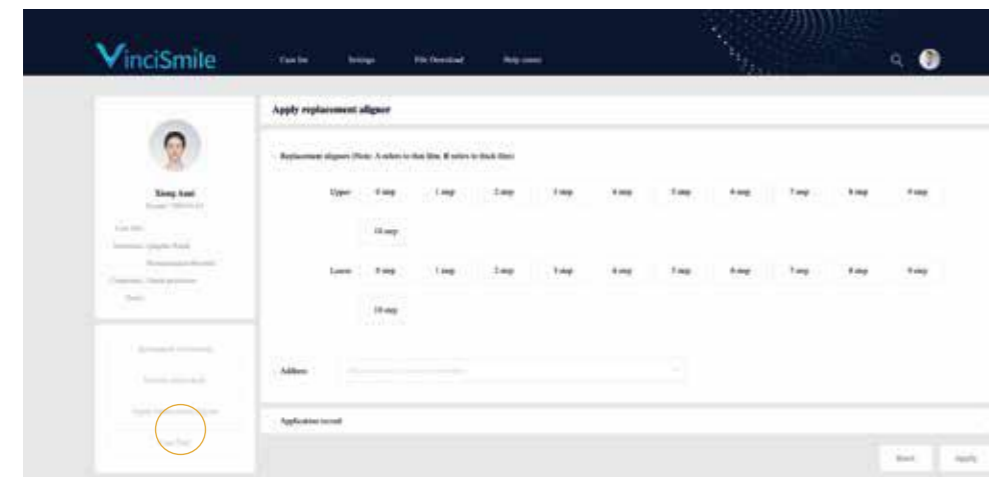
When the teeth movement is largely different from that in the 3D scheme, or when the treatment plan is changed, the original aligners must be updated. Click [Interim Adjustment] and provide new intra-oral scan files to restart a new 3D scheme.



Note Interim Adjustment operation will terminate the previous case and recreate the new case. Please proceed carefully.

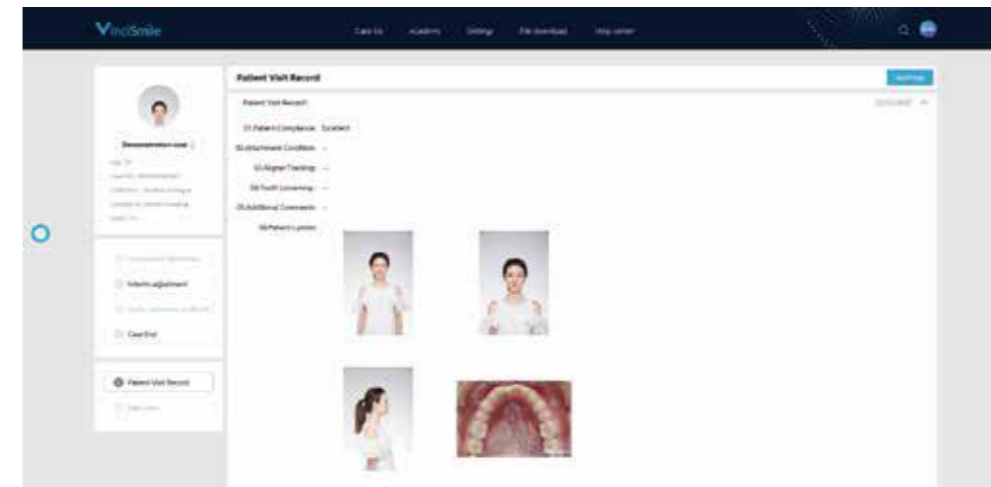
4. Replacement Aligners

If the aligners are lost or broken, doctors can click [Replacement Aligner], and we will fabricate the alternative aligners free of charge. When applying for replacement aligners, you can choose the specification of the appliance (A refers to the thin appliance; B refers to the thick appliance; AB refers to the thin + thick appliance). If A / B is not selected, the thick appliance shall be fabricated by default. Doctors can also apply for an attachment template.



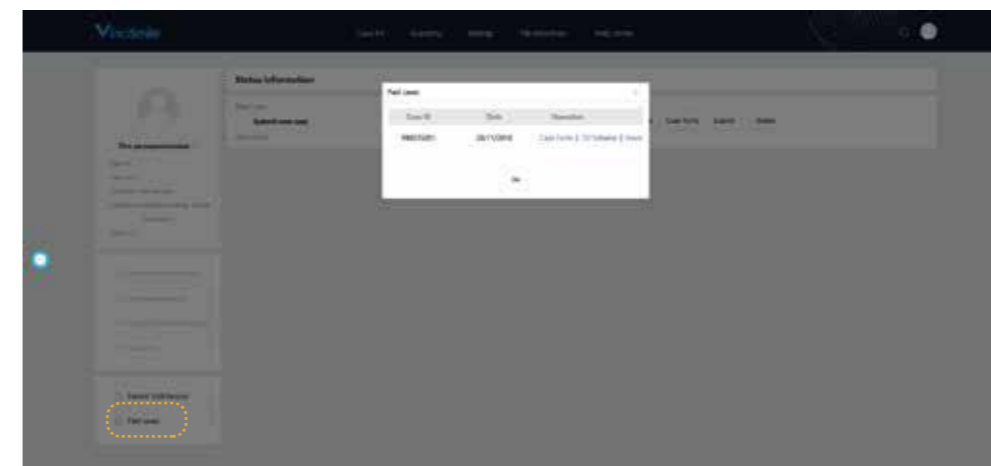
5. Patient Visit Record

It facilitates doctors to create patient's log during the treatment, recording the patient's detailed diagnosis in revisiting.



6. Past Cases

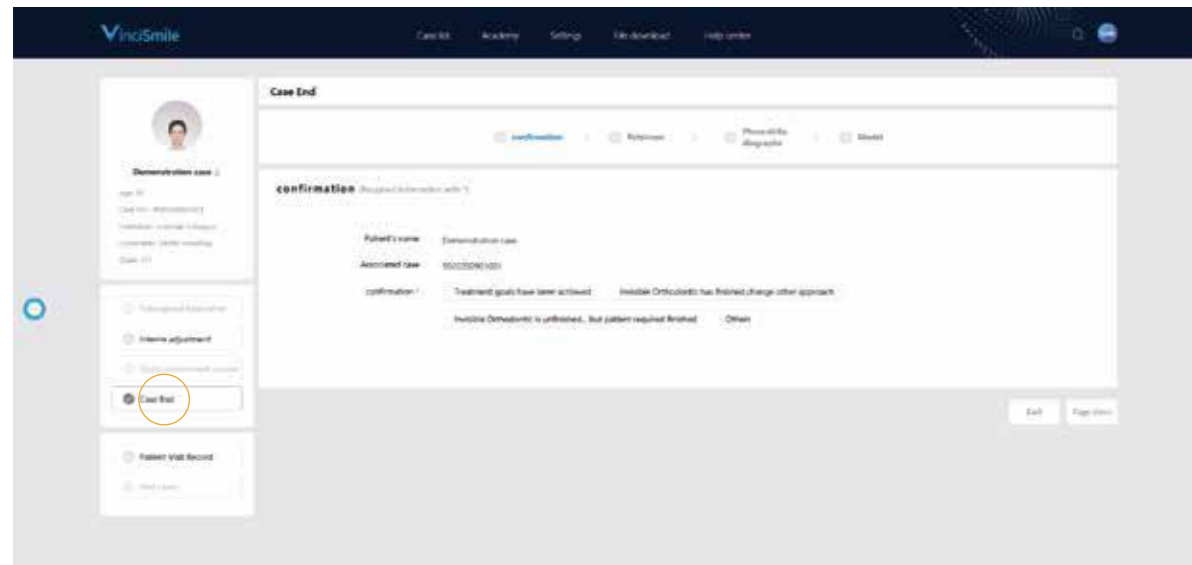
It allows to check the past case refinement information, easy to review the past submitted information.



7. Completion

The whole treatment ends when the teeth alignment and occlusion meet the requirement of the design after wearing the final set of VinciSmile aligners.

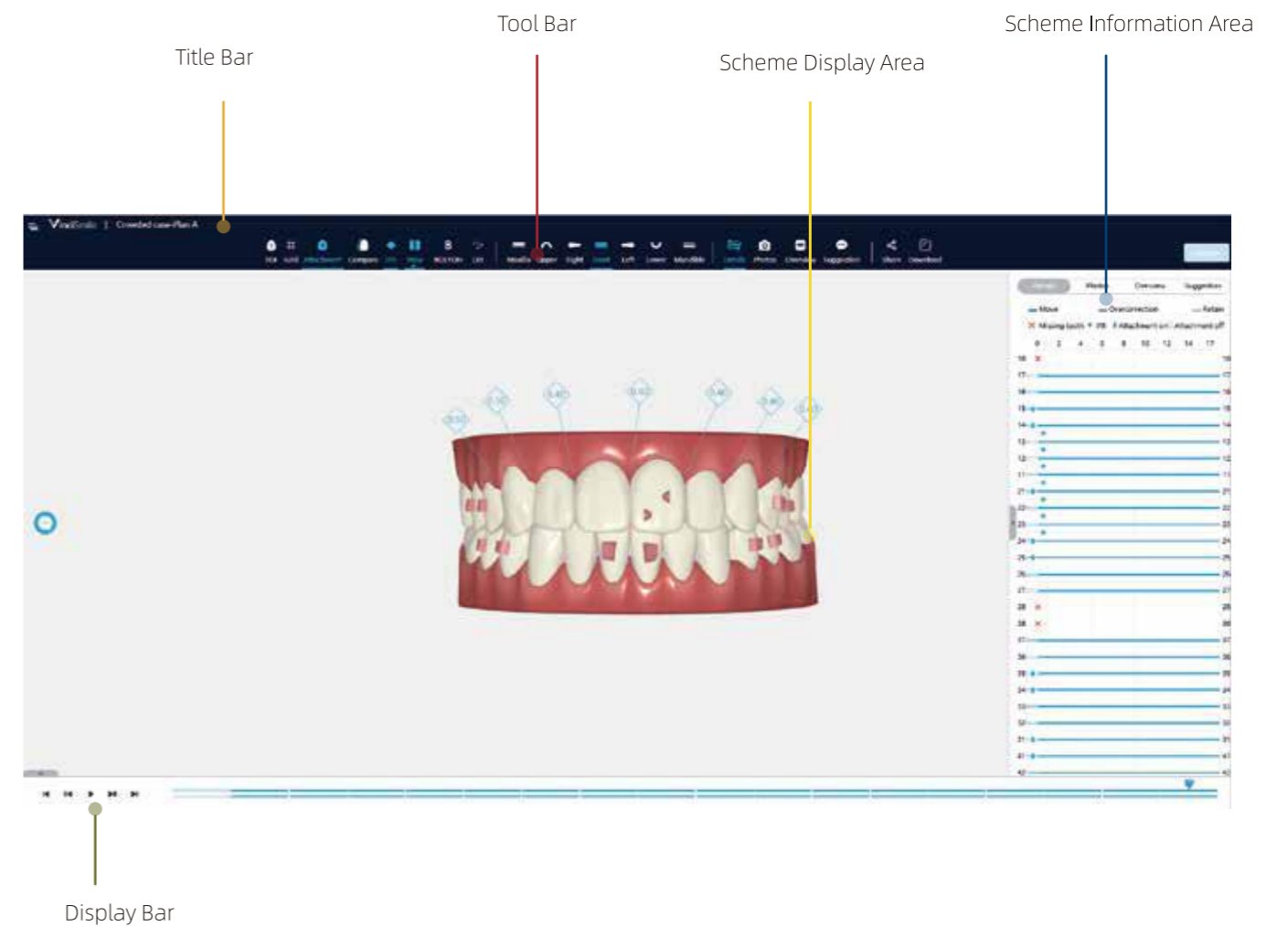
Doctors need to click [Case End] to confirm completion and submit the relevant information on VinciSmile platform, then we send out a pair of retainers for the case.



5 VinciSmile Studio Web

Go to the case details interface and click [Final Position Scheme] or [3D Scheme] to view the scheme.
 Click [Browser] to view it through VinciSmile Studio Web.
 Click [Software] to start the VinciSmile Studio PC software viewer.

Note The instructions for the use of the VinciSmile Studio Web are provided below, and the instructions for the use of the VinciSmile Studio PC software are detailed in the VinciSmile Studio PC User Manual.



1. Scheme Display Area

Cursor interaction:

1. Hold down the left mouse button to rotate the model;
2. Scroll mouse wheel zoom in/out scheme display;
3. Click on the left button to select the teeth;

2. Tool Bar

FDI

Click to select [FDI] to display the tooth position number of the model, and click again to hide the tooth position number.



Grid

Select [Grid] to display the grid, grid unit is 10mm or 1mm, the size of the grid is adjusted as the model zooms in or out, the default unit is 1mm.



Attachment

Select [Attachment] to display attachment information, selected by default.



Compare

Check [Compare] to show the relative movement of teeth from one stage to another.

The upper handle of the playback tool bar controls the movement of white teeth, and the lower handle controls the movement of blue teeth.



IPR

Check [IPR] to show the IPR information.



View

Following modes of 3D model shall be viewed in [View]



Standard
Single view;



Occlusion
Displays the maxillary surface and mandibular surface of the current steps;



Contrast
Show the initial position of the teeth and the final position after treatment.



Complex
The right, front and left sides of the 3D Scheme, as well as the maxillary and mandibular surfaces.

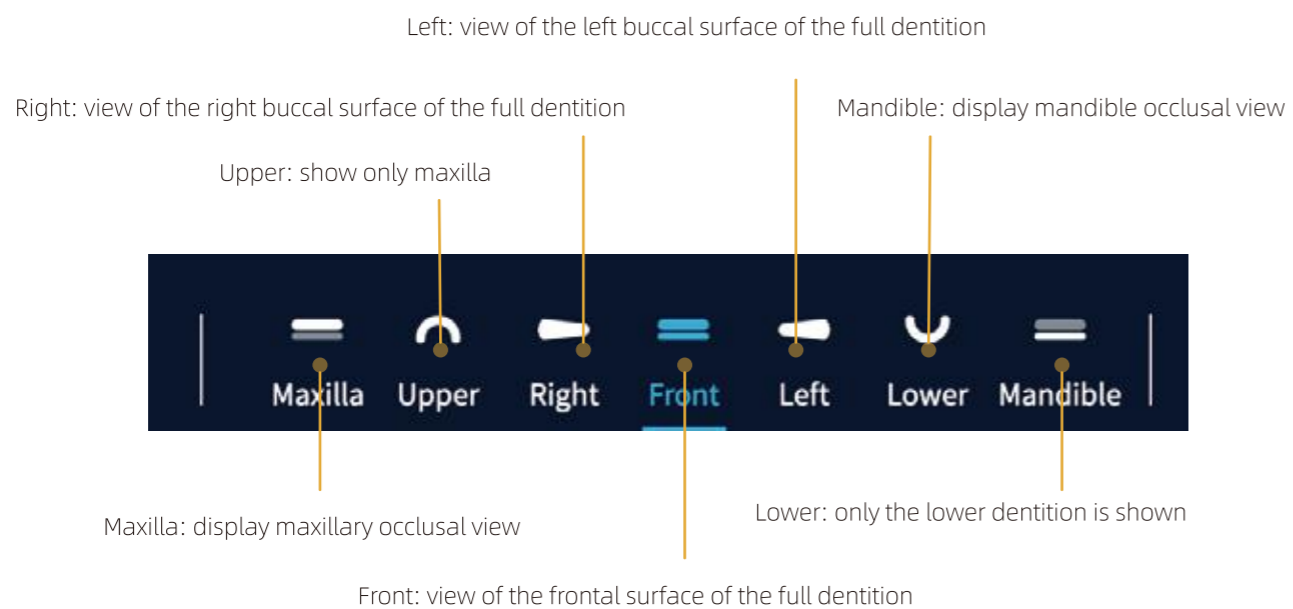
List Select [List] to display the movement data of the current position of each tooth relative to the initial position, select [maxilla]/[mandible] to view the movement data of the corresponding teeth, and the direction of movement is identified by +/-.

| | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maxilla | 0.94 | 0.25 | -0.07 | -0.23 | -0.27 | -0.08 | -0.36 | -0.79 | 0.61 | -0.08 | -0.26 | -0.04 | 0.42 | 0.71 | 0.42 | 0.71 | 0.42 |
| Mandible | -0.29 | -0.42 | -0.37 | -0.31 | -0.26 | -0.17 | -0.10 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |

BOLTON Select [BOLTON] to show the anterior teeth and full dentition Bolton index, and the crown width of each tooth. Bolton analysis is to provide reference information about tooth width discrepancy, which is quite useful for planning how to solve the problem of intercuspal occlusion and dental arch coordination. Note that this analysis is not automatically integrated into the treatment plan settings, but is used only for doctor's evaluation and reference.

| | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| Maxilla | 20.25 | 18.75 | 18.00 | 17.25 | 16.50 | 15.75 | 15.00 | 14.25 | 13.50 | 12.75 | 12.00 | 11.25 | 10.50 | 9.75 | 9.00 | 8.25 | 7.50 |
| Mandible | 18.00 | 17.25 | 16.50 | 15.75 | 15.00 | 14.25 | 13.50 | 12.75 | 12.00 | 11.25 | 10.50 | 9.75 | 9.00 | 8.25 | 7.50 | 6.75 | 6.00 |

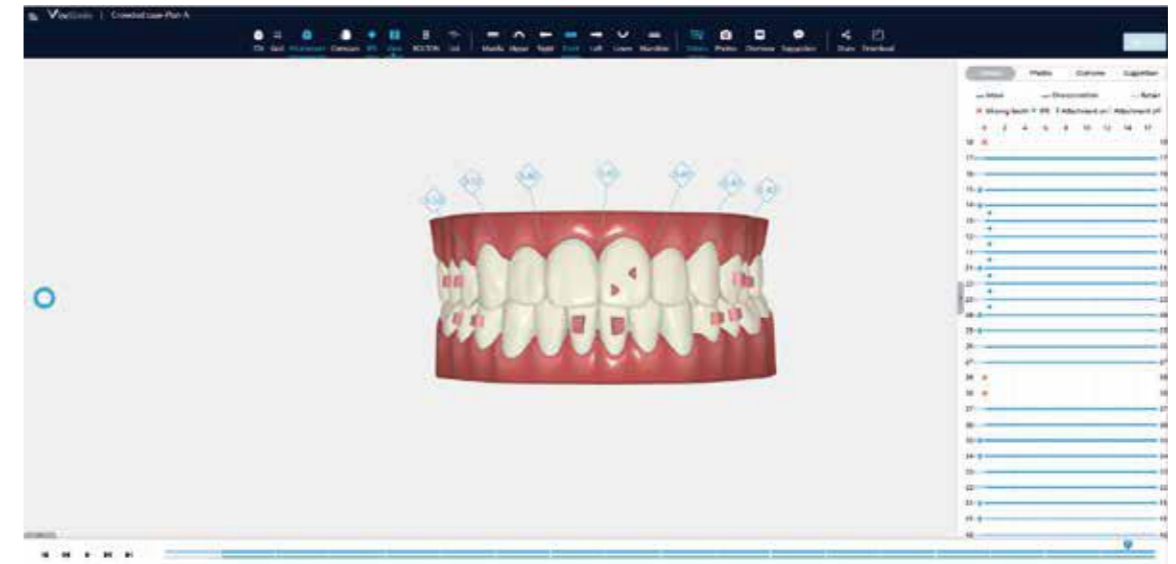
Basic Views Buttons for basic view allow doctors to view the 3D model in the following modes.



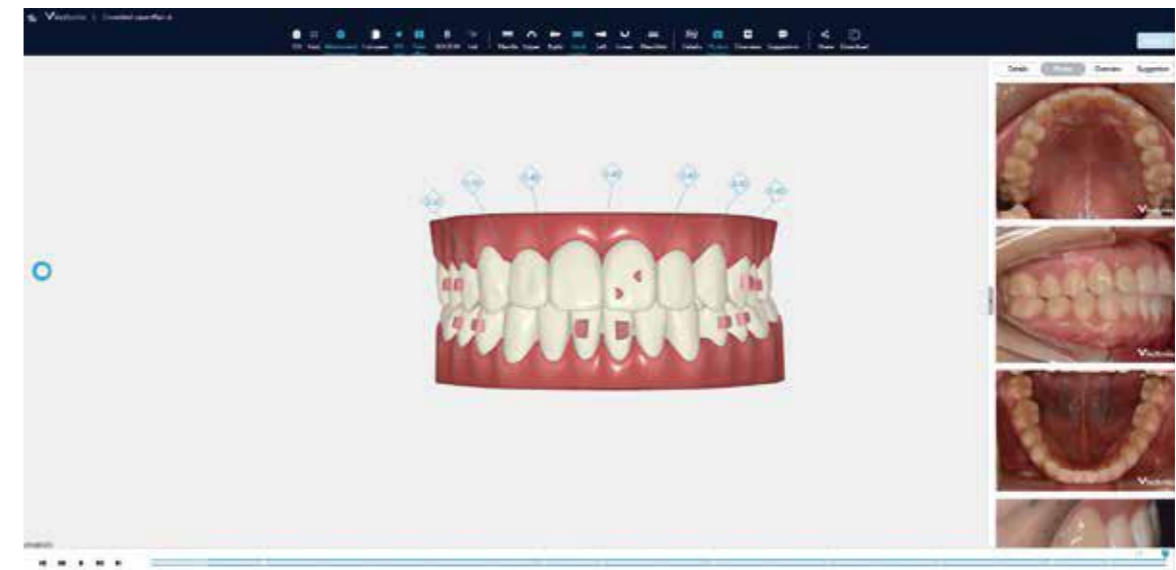
3. Scheme information area

Details

Select [Details] to display specific step, attachments bonding / removal, IPR, and over-correction information.



Photos Check the photos and X-rays of the patients.



Overview

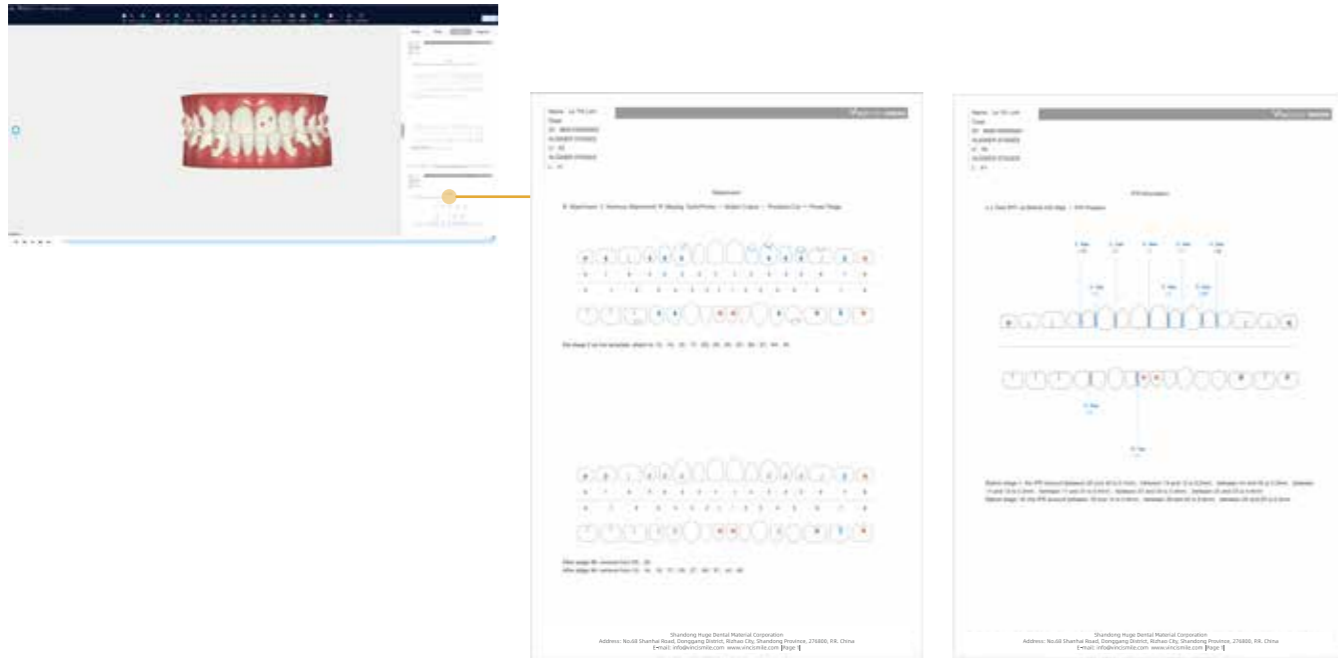
Attachment bonding/removal information: display the corresponding attachment bonding and removal information.
 IPR information: displays the IPR information between the two adjacent teeth.
 Overview information: the items that need to be paid attention to in treatment are displayed in the "overview".

Approve

Click [Approve] button to approve the plan in the event that doctors have no objection about the scheme.

Suggestion

Click [Suggestion] to submit text suggestion if it is necessary to modify the scheme, and our orthodontists will redevelop the 3D scheme based on the feedback. The 3D scheme "approved" by doctors no longer submits the text suggestions.

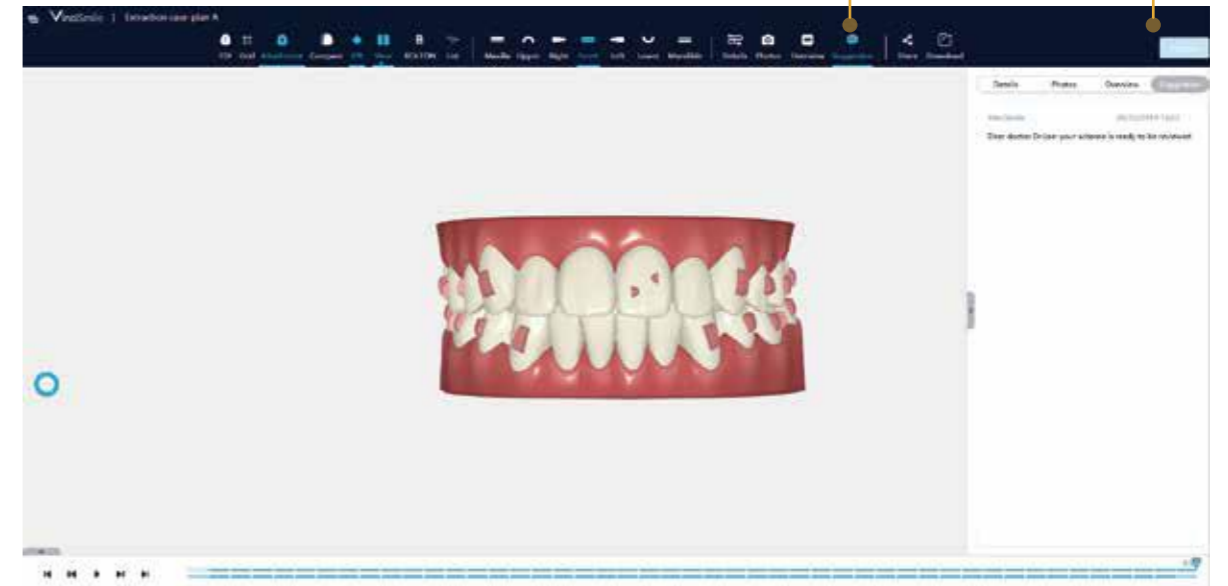


Approve or Suggestion

When the 3D scheme needs to be reviewed by the doctor, the system will send a SMS notification, and the [Case List]-[Pending] interface will show this case to be reviewed.

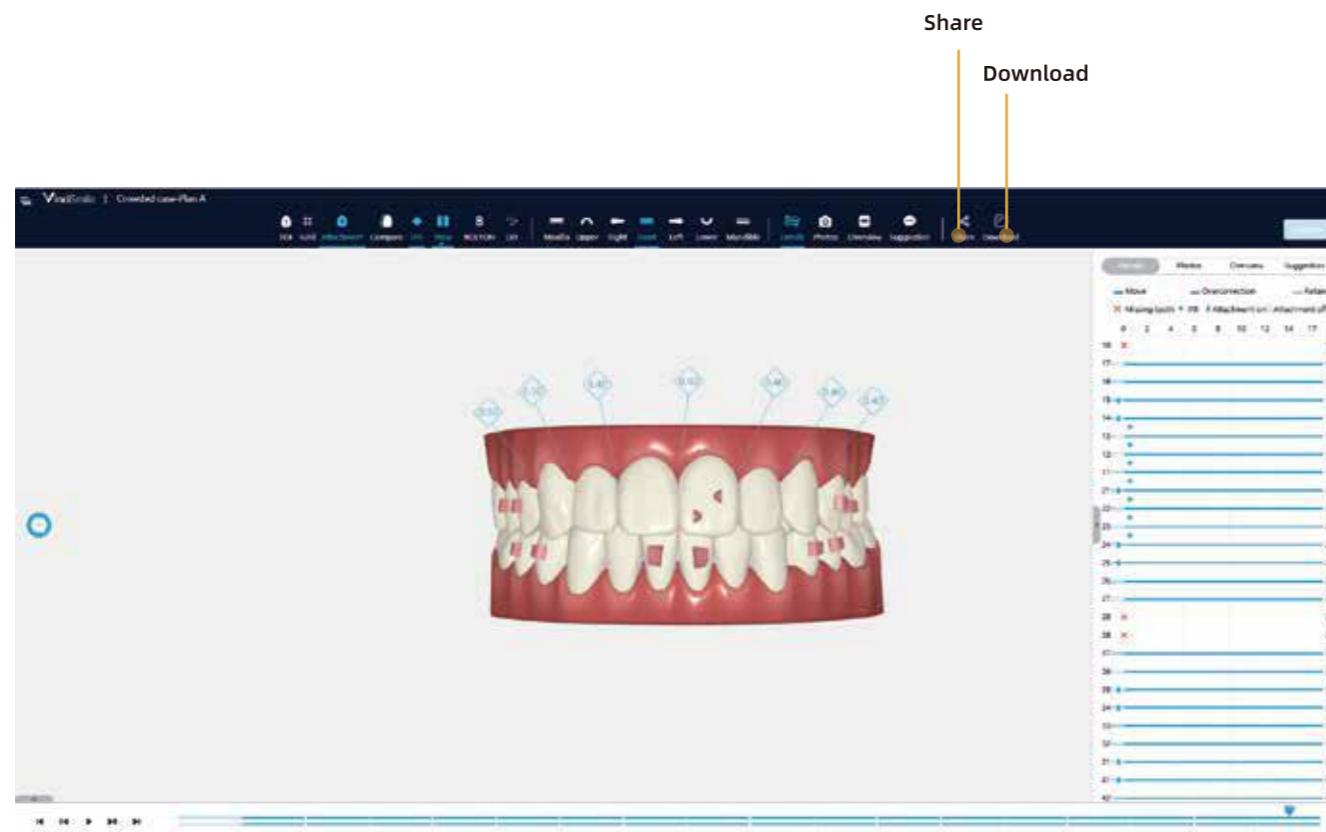
Suggestions

Approve



Share Click [Share] to create a share link of this 3D plan.

Download Click [Download] to export the 3D plan in the GIF format for sharing purpose.

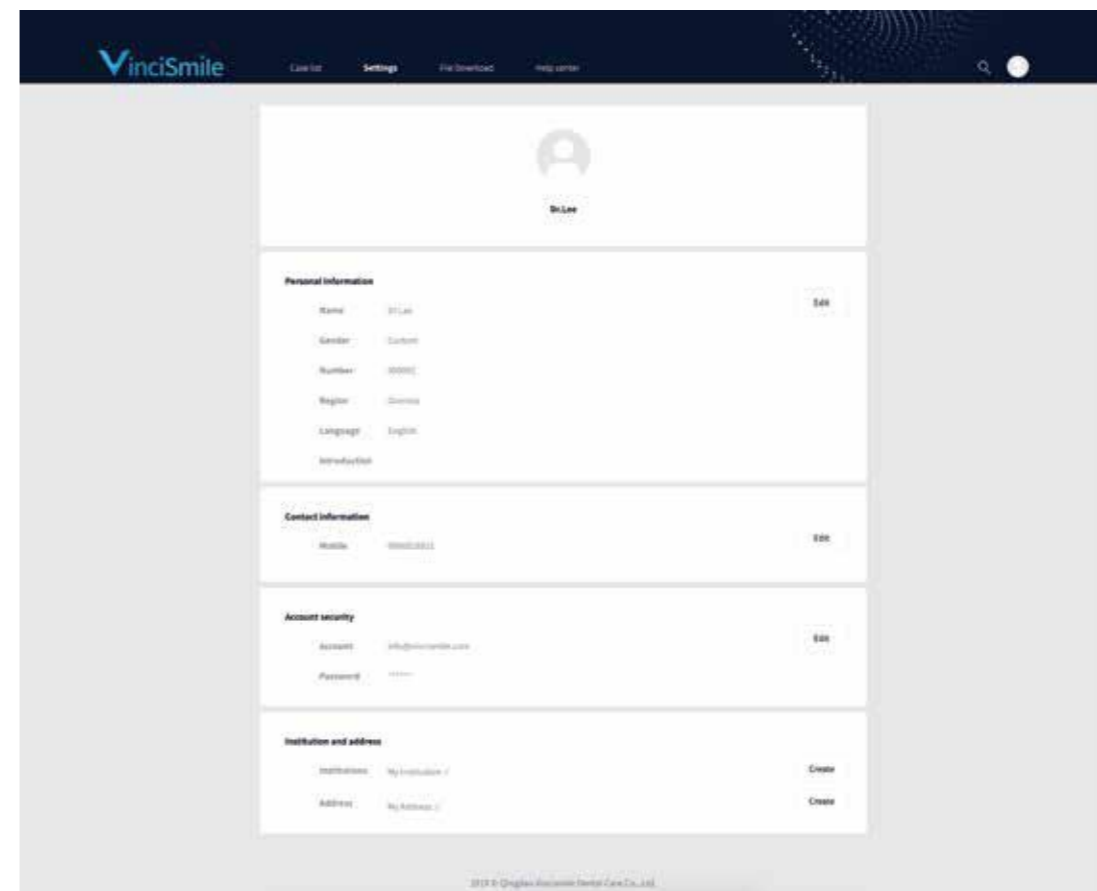


4. Problem Statement

When viewing the 3D scheme by the Vincismile Viewer Web version, Firefox, Google, IE 10 or later, or other browsers that support WebGL technology are recommended for access.

If the model is not loaded for a long time or the load fails, you can try to access <https://get.webgl.org>. If the cube animation effect fails, the device graphics card or browser does not support WebGL technology.

6 Personal Settings



Personal Information

The doctor's personal information, including: profile photo, gender, language, personal profile, etc., can be modified.

Contacts

Changing the phone number requires to be verified by SMS verification code.

Account Security

When changing the login password, for your account security, it is recommended to use a strong password.

Institution and Address

If the patient belongs to a different medical institution or has several mailing addresses, the name or mailing address of the institution should be [Add] before the case is created.

7 Others

1. File Download

To download all kinds of software, software instructions and other related materials.



2. Help Center

Check out Vincismile contact information and sales manager information.



Q&A

Q:What should doctors pay attention to when check the 3d design scheme?

A: 1. Initial position

·Whether the occlusion and middle line position is coincident with the actual situations?

2.IPR

·Whether the IPR amount is as expected

·Have we designed any IPR to wrong teeth?

·Have we designed the IPR at the right time?

·Is each tooth displacement appropriate to keep periodontal health?

·Whether all the movement are set reasonably (mainly anchorage control)?

3. Attachment

·Are all the attachments designed reasonably

·Have we designed any attachment to wrong teeth?

4. Final Position

·Is the teeth alignment and midline adjustment as expected

·Is overjet/overbite within normal range?

·Is the curve of Spee and levelling result as expected?

·Is the arch form symmetric?

·Are the gaps fully closed? Or whether the reserved space meets the requirements?

·Whether the occlusal relationship of molars and canines is as expected?

·Is the intercuspation of the posterior teeth desirable?