VinciSmile

Invisible Orthodontic Appliance
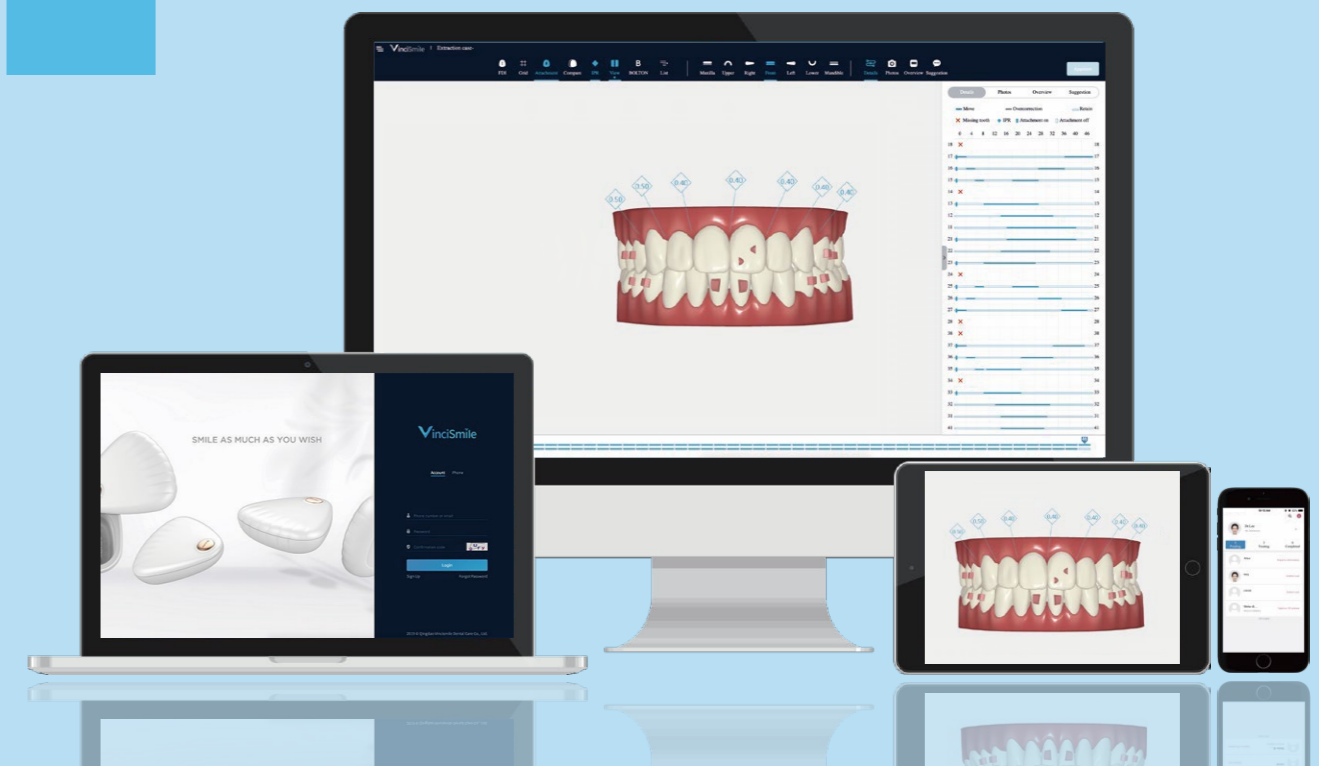
VinciSmile Ortho System
Web Instruction

VinciSmile

VINCISMILE GROUP LLC

Add: 18150 Rowland Street, City of Industry, CA 91748, USA

Email: info@vincismile.com

Web: www.vincismile.com

Follow @VinciSmile

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

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

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.

VinciSmile aligners have passed the FDA (USA), MDL (CAN), ARTG (AUS), NMPA (CHN) and many product registration in the countries around the world and are in compliance with the custom-made device requirements under EU 93/42/EEC as well. VinciSmile aligners have obtained the ISO 13485 and MDSAP certificates to guarantee that they are designed and manufactured under the international quality management standards and regulations.

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.
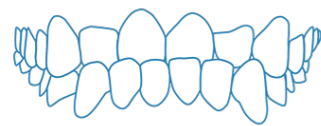
Advantages

- 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

1 Doctors Sign Up

2 Log in

3 Add New Cases

4 Scheme Review

5 Revise

6 Approve
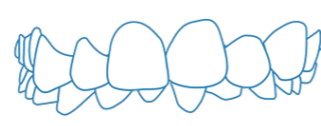
7 Fabrication

8 Wear
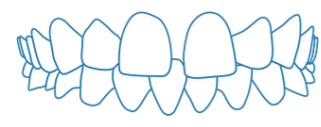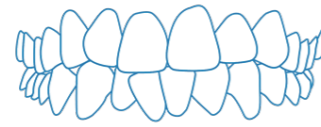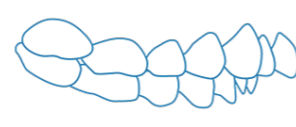
9 Completion

Common Malocclusion Types

Underbite

Openbite

Deep Overbite

Spaced Teeth

Crowded Teeth

Protrusion

Contents

1 { Registration&Login

1. Doctor Registration

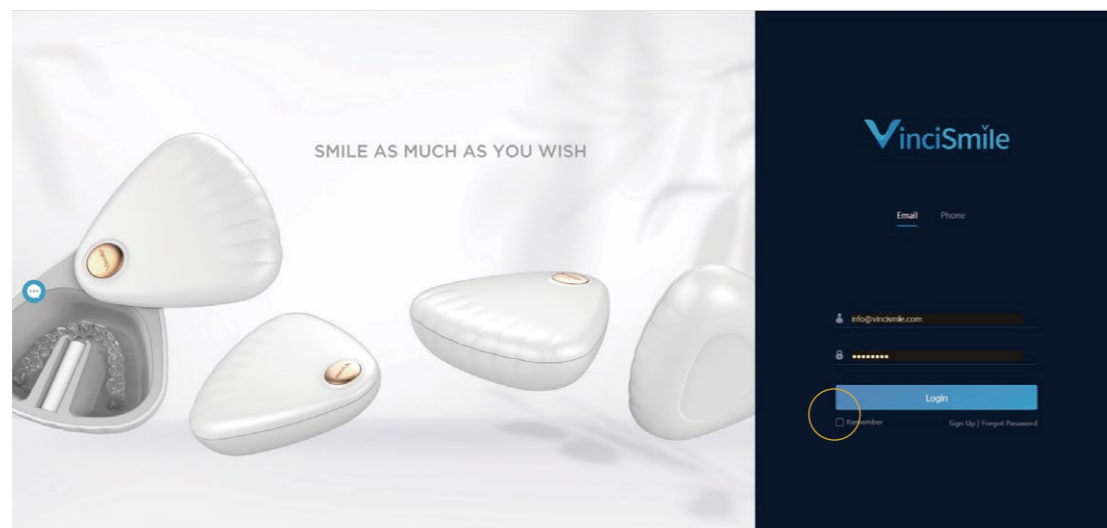Enter Vincismile website: www.vincismile.com

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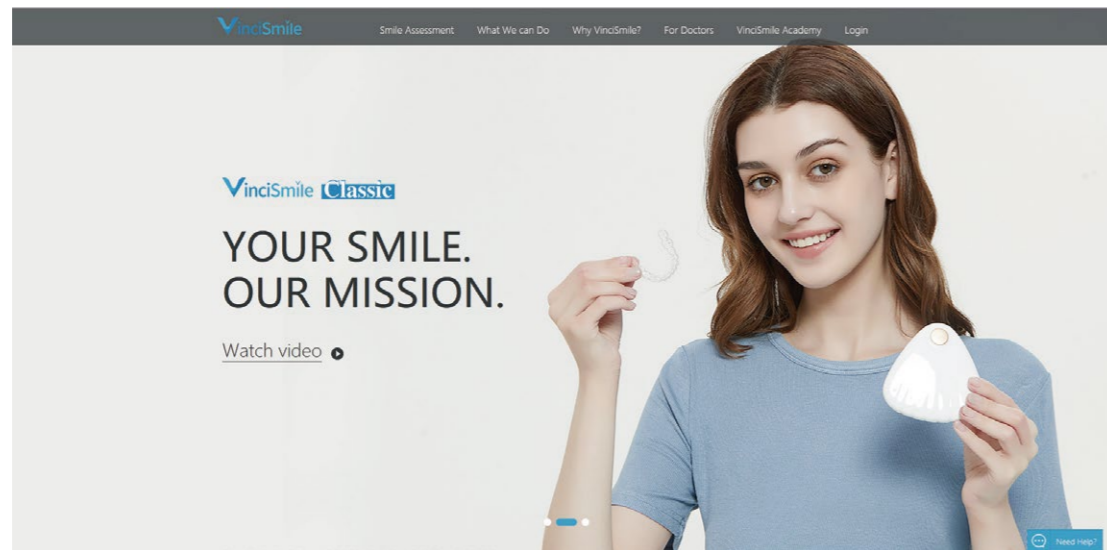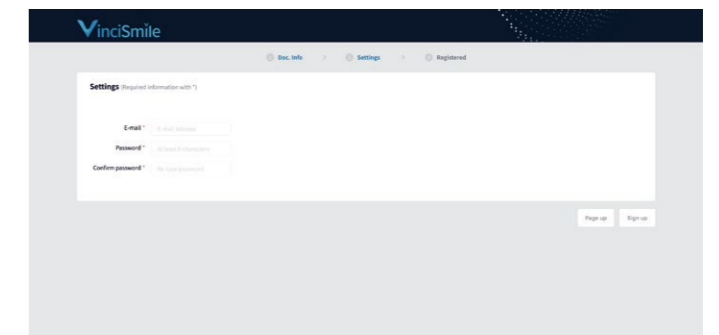

Step2 ● click [Sign up]
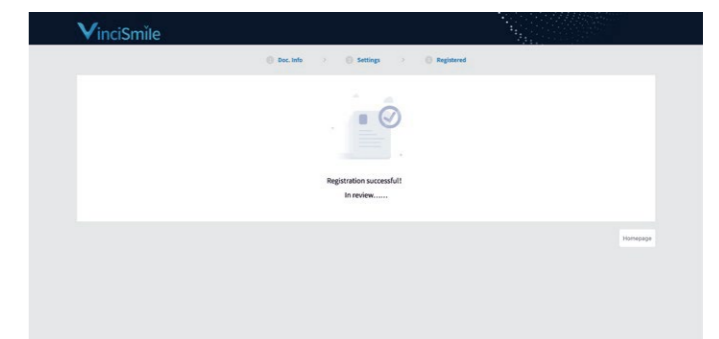

Step 3 ● Enter the registration interface, input doctor information
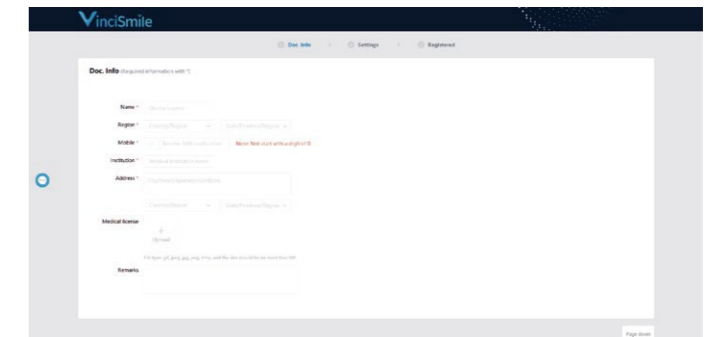
**Step 4** ● Set up e-mail address and password (at least 6 digits)

Step 5 ● 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

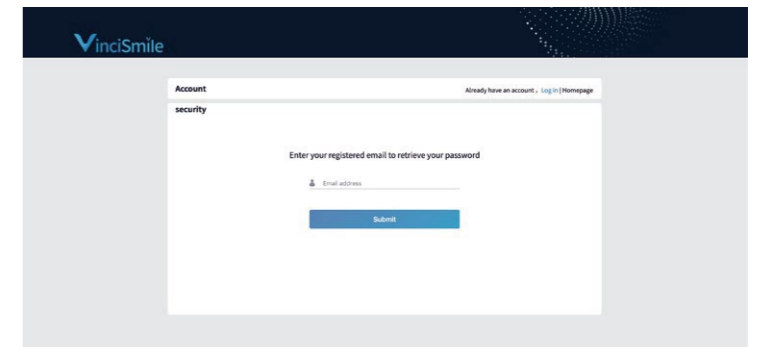**Method 2** SMS code: input registered phone number to receive a SMS code
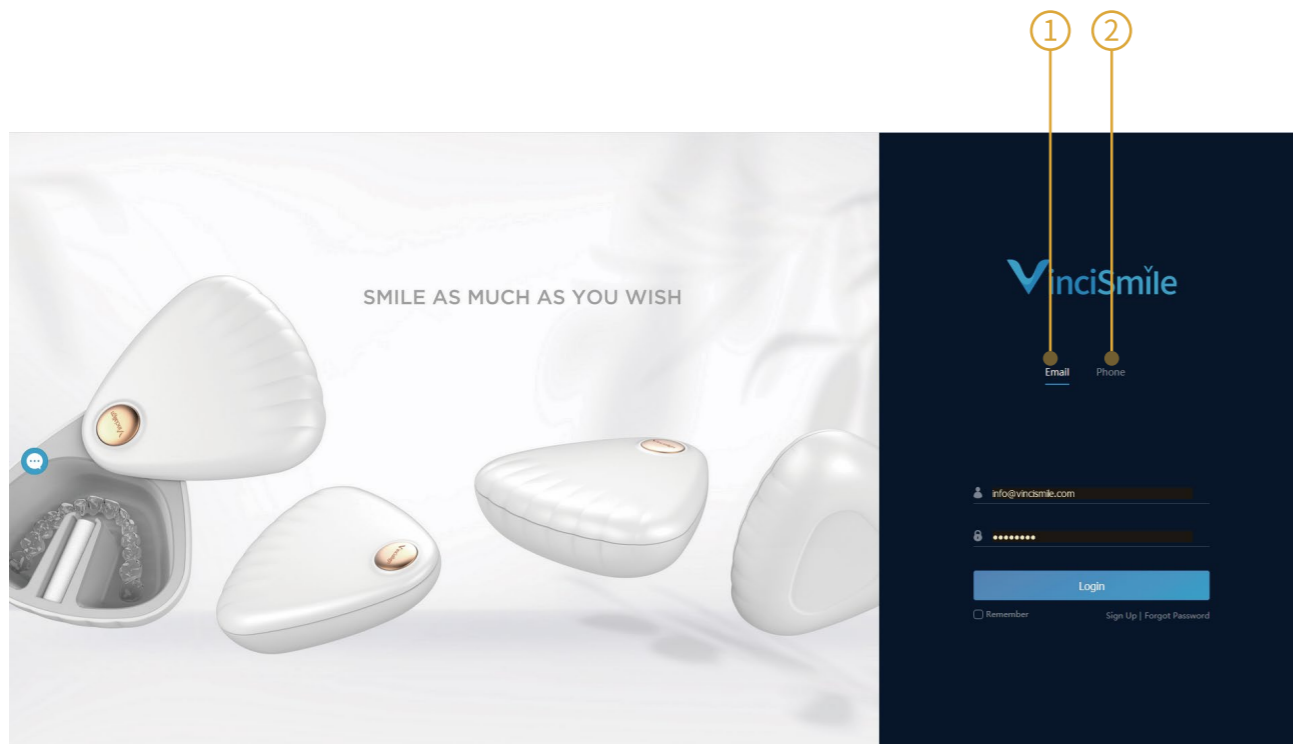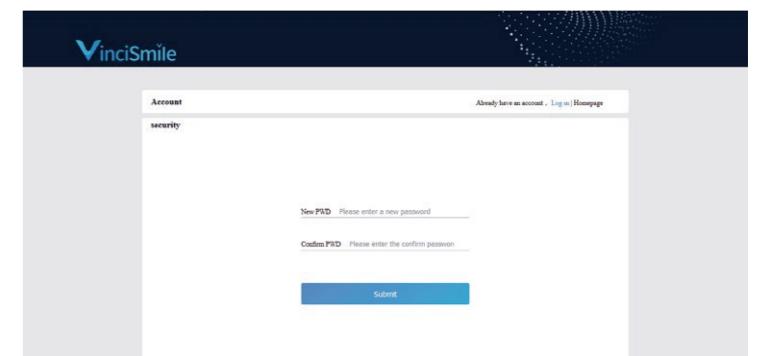

3. Forgot password

Step1 Enter the login interface, click [forgot password]

Step2 Enter the registered email address, click [submit]
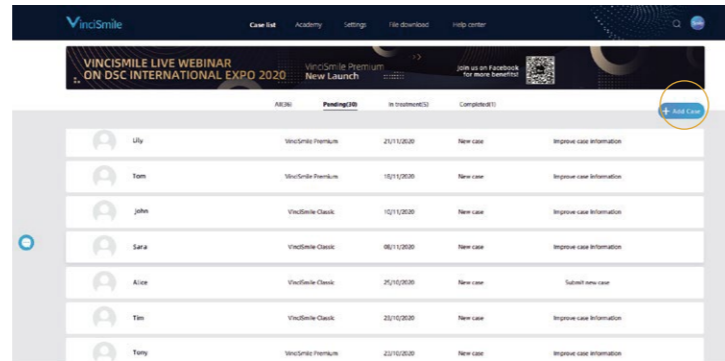

Step3   After submitting, the registered mailbox will receive a "retrieve password" link sent by VinciSmile, open the URL, and reset the password.
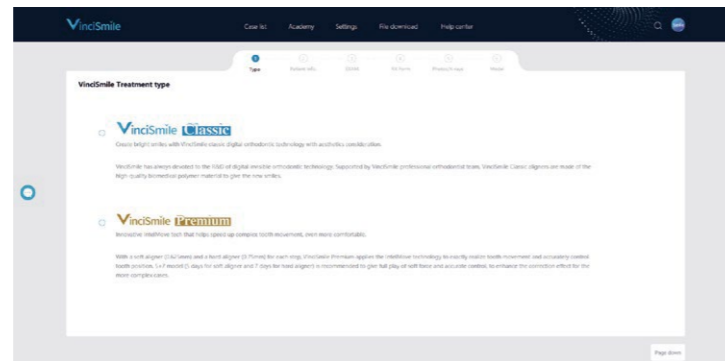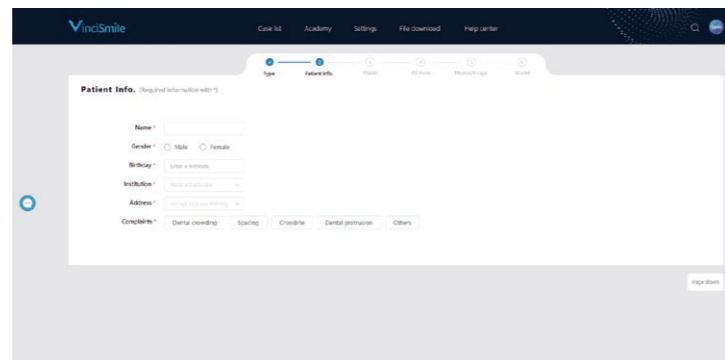
2 { Add New Case

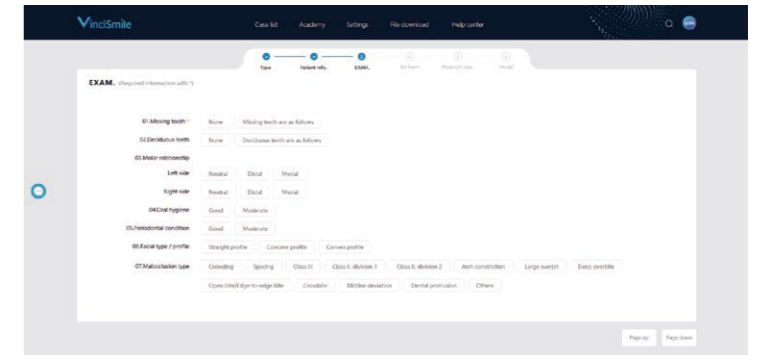**Step1** Click [Add Case] to create new cases

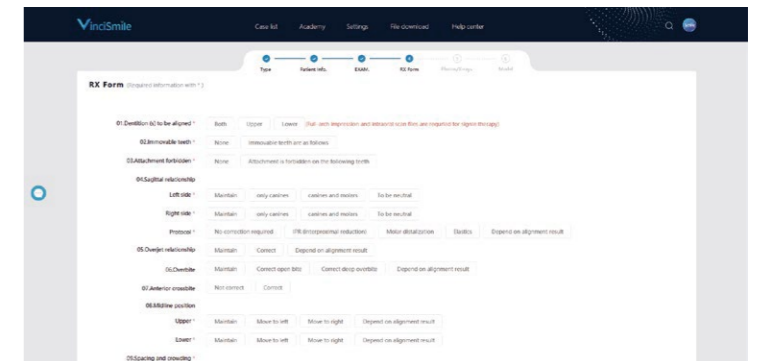**Step2** Select treatment type

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

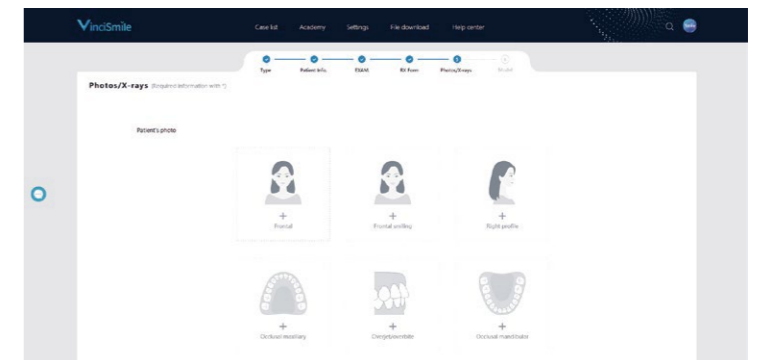**Step4** Enter the clinical examnition
information

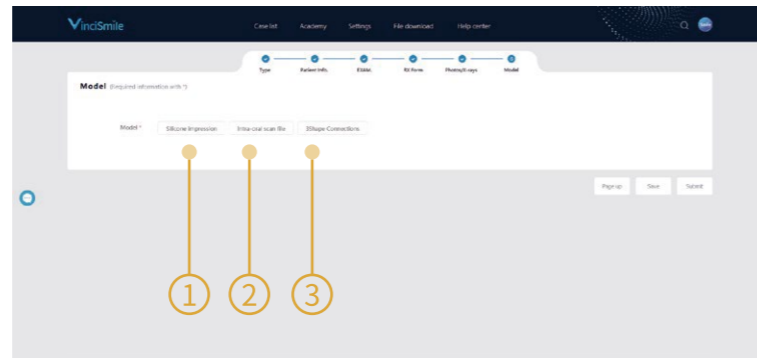

Step5 Enter the prescription information

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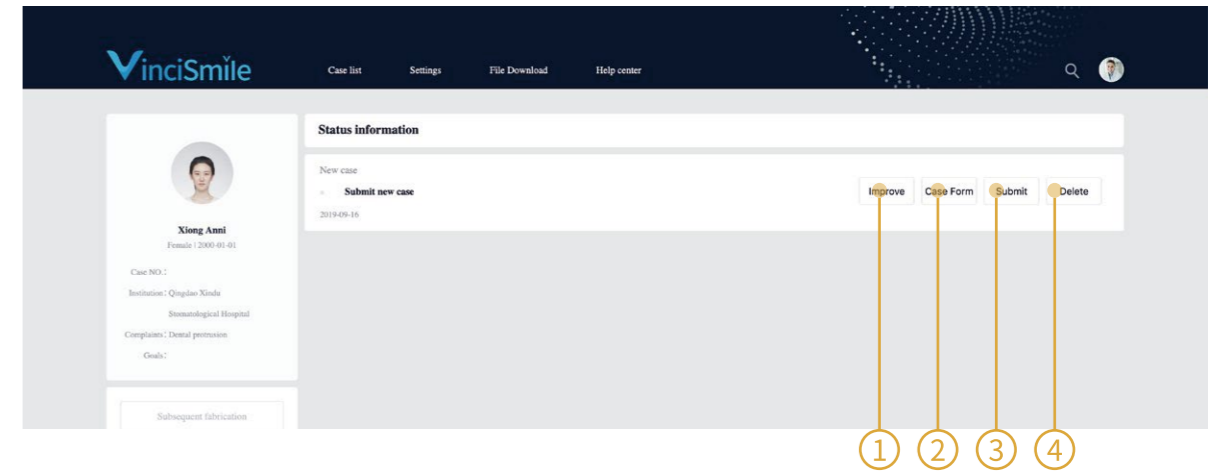
Enter the Case Details interface, doctors can carry on the relevant operation to the saved case information.

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

Patient Profile Photo
Patient Name
Case No.
Treatment Type
Case Submission Date
Case Status
Operation Prompt

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:
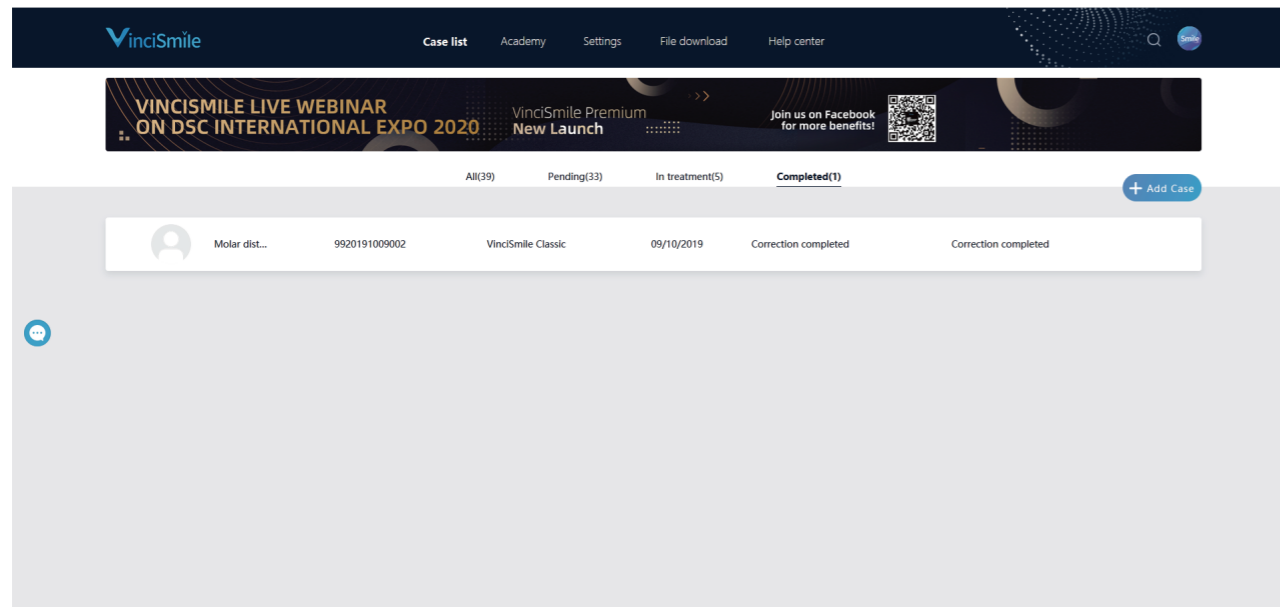
case submission, final scheme approve, fabrication plan approve.

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.

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
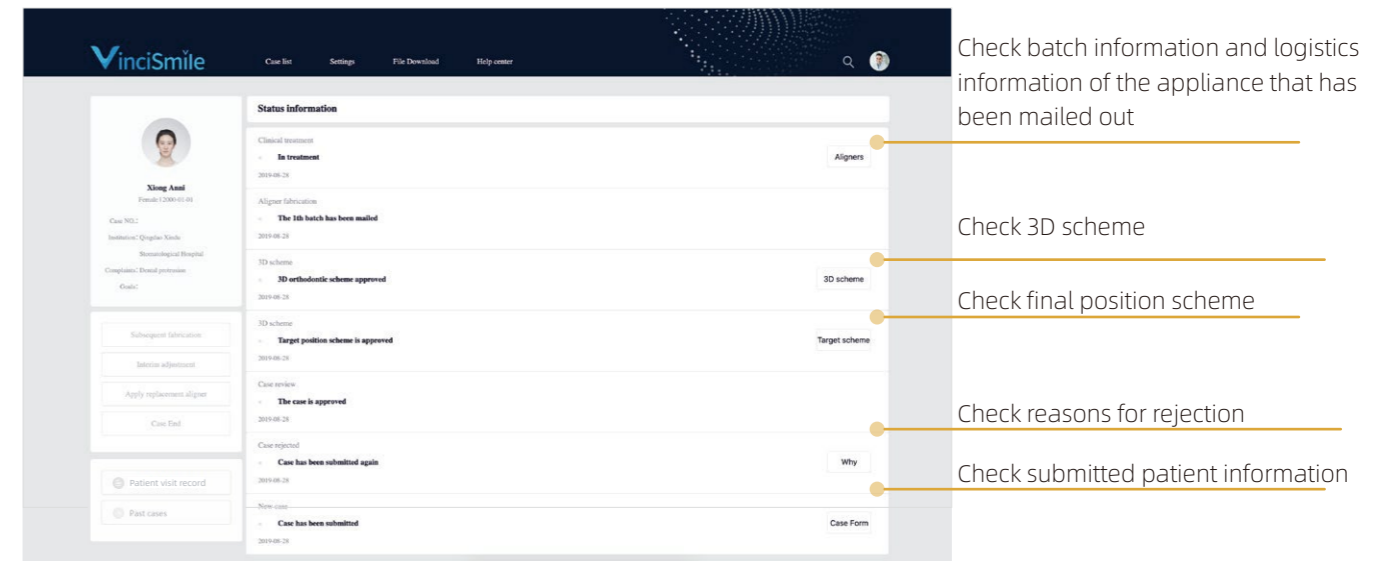
2. Subsequent Fabrication

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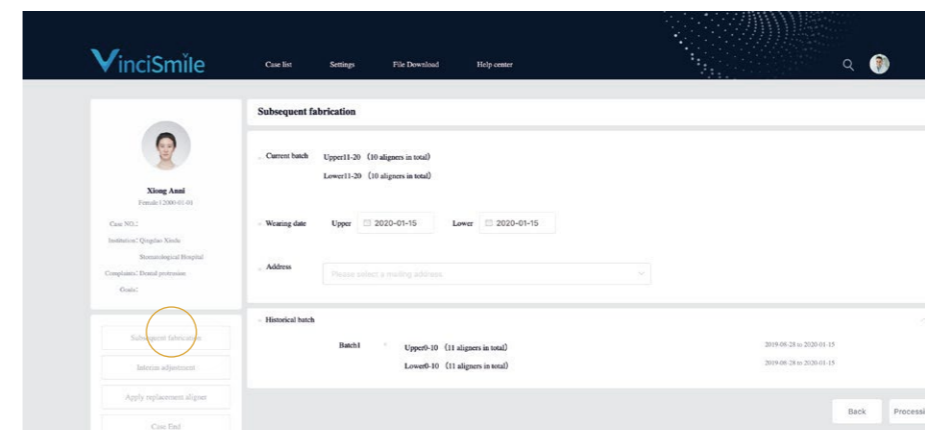
Note 1. If the subsequent appliance that has been applied for fabricating has not been mailed,
the next batch of appliance cannot be applied for. If doctors need to fabricate all the appliances,
please contact the sales manager.
2. Please make sure that the appliance mailing address is correct when applying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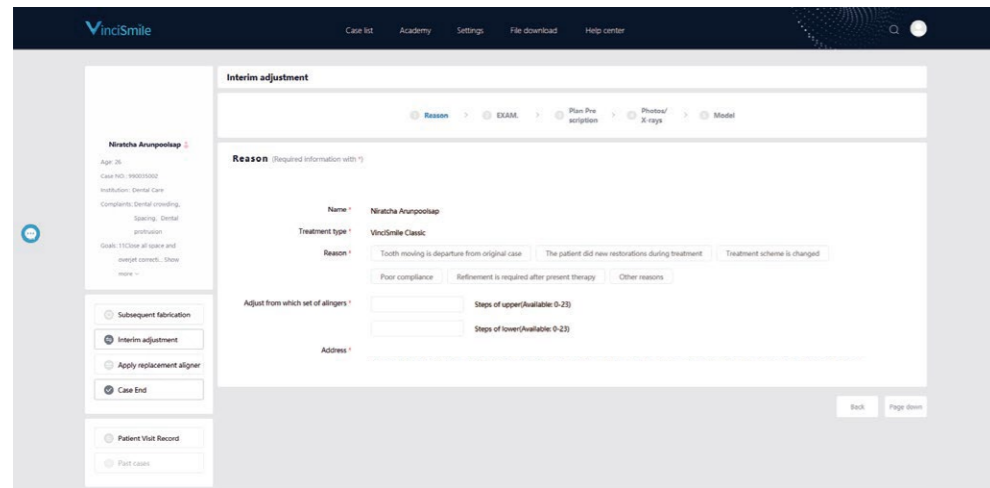

Note   Interim Adjustment operation will terminate the previous case
and recreate the new case. Please proceed carefully.

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.
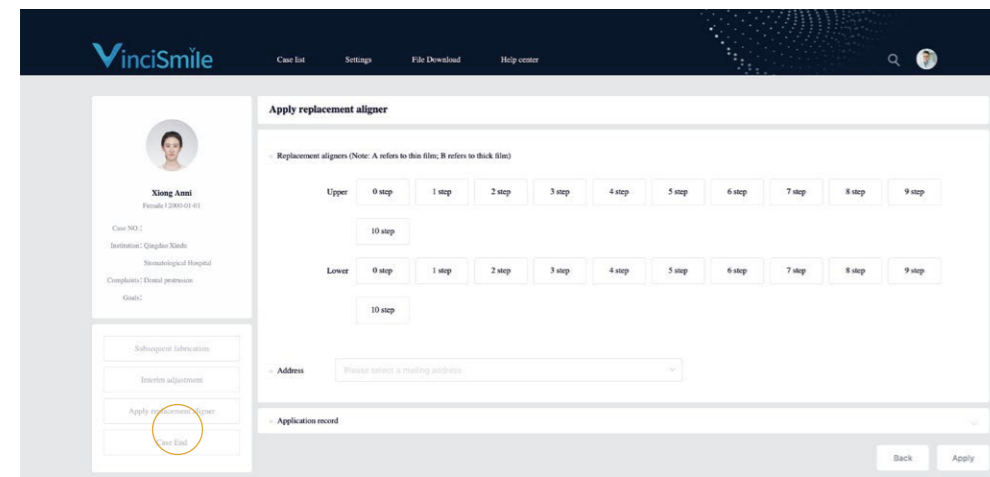
5.Patient Visit Record

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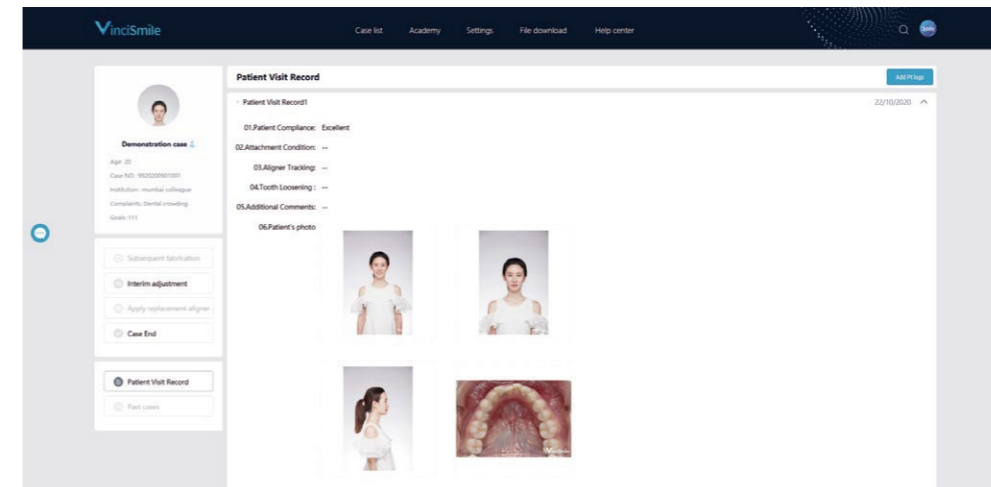
6.Past Cases

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

7. Completion

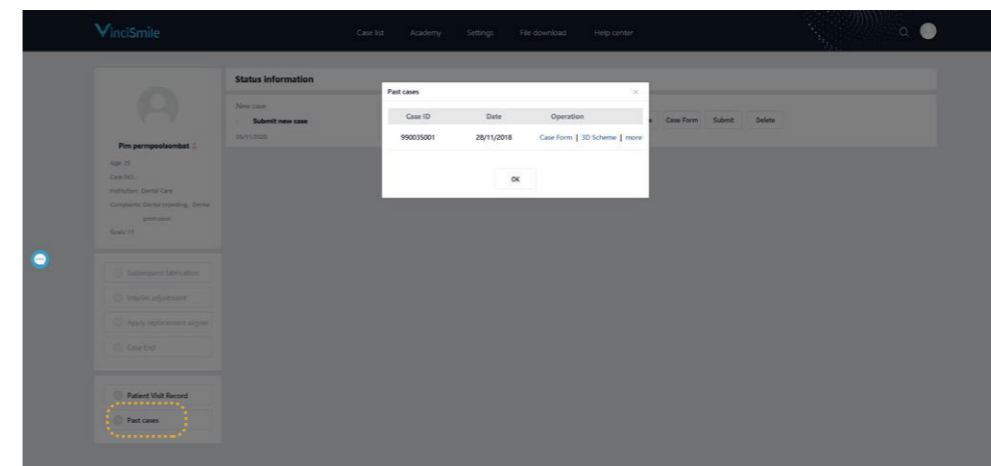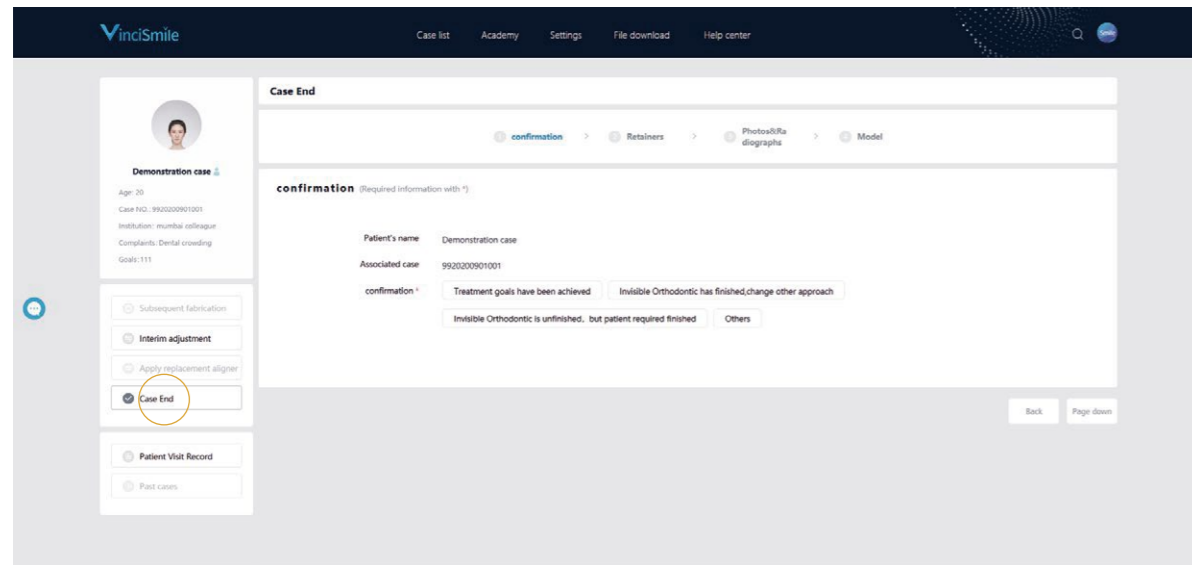The whole treatment ends when the teeth alignment and occlusion meet the requirement of the design after wearing the final set of Vincismile aligners.

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.

Tool Bar

Scheme Information Area

Title Bar

Scheme Display Area

Display Bar
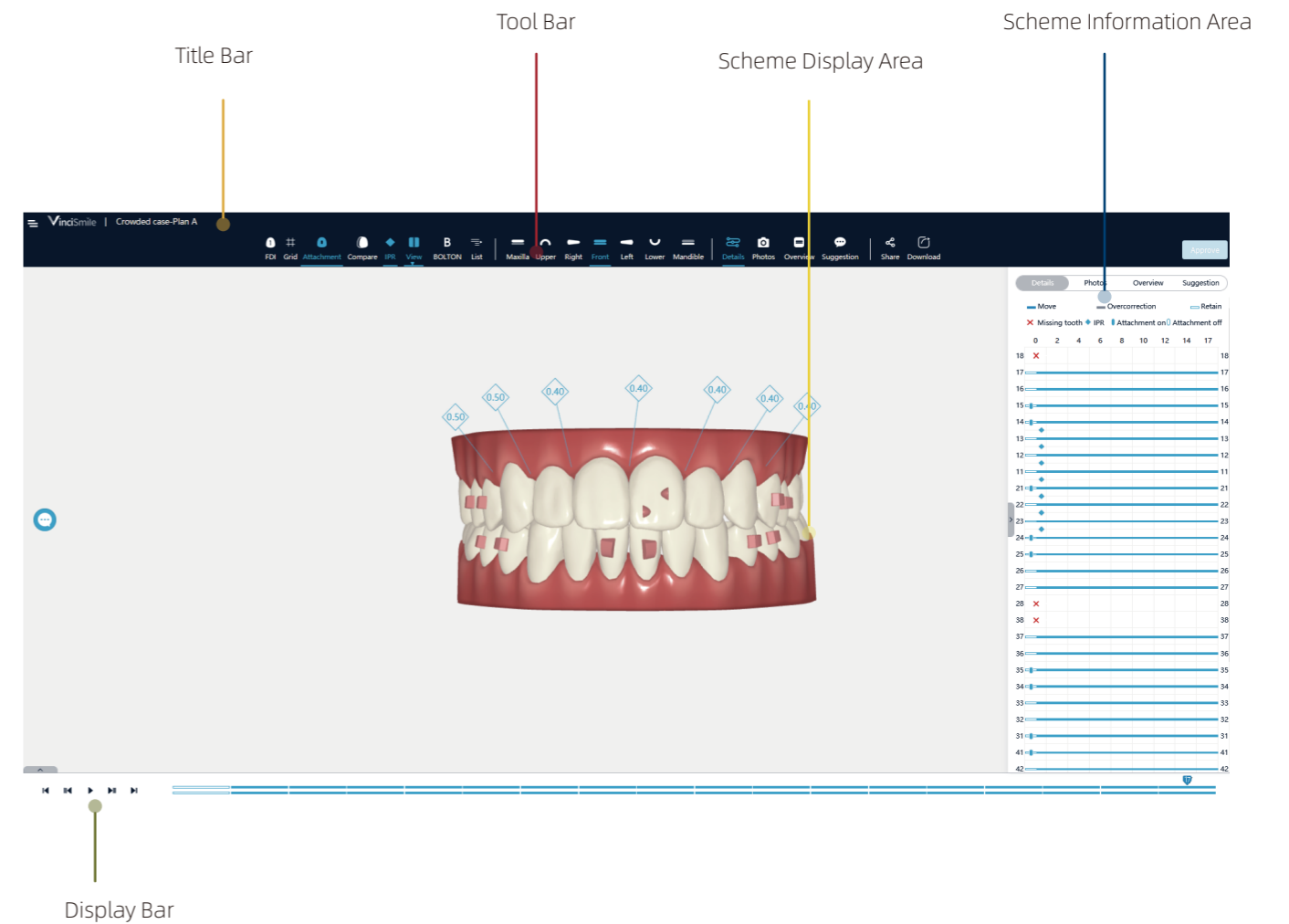
1. Scheme Display Area

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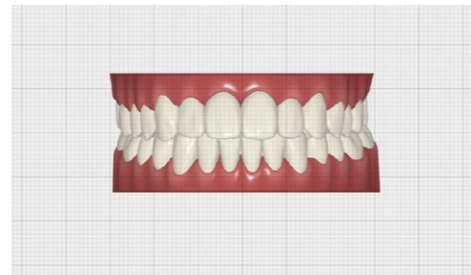3. Click on the left button to select the teeth;

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.

1 FDI

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.

 # Grid

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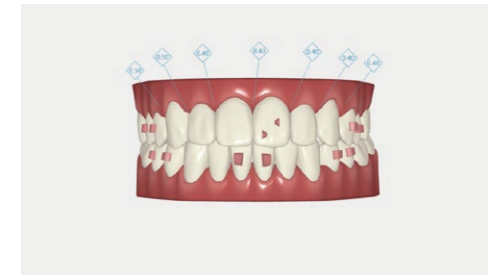
Attachment

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.
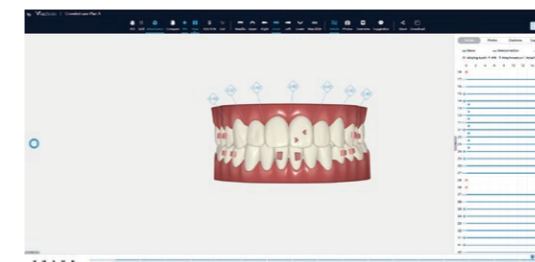
Compare

IPR
Check [IPR] to show the IPR information.

♦ IPR

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

View

Standard
Single view;

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

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

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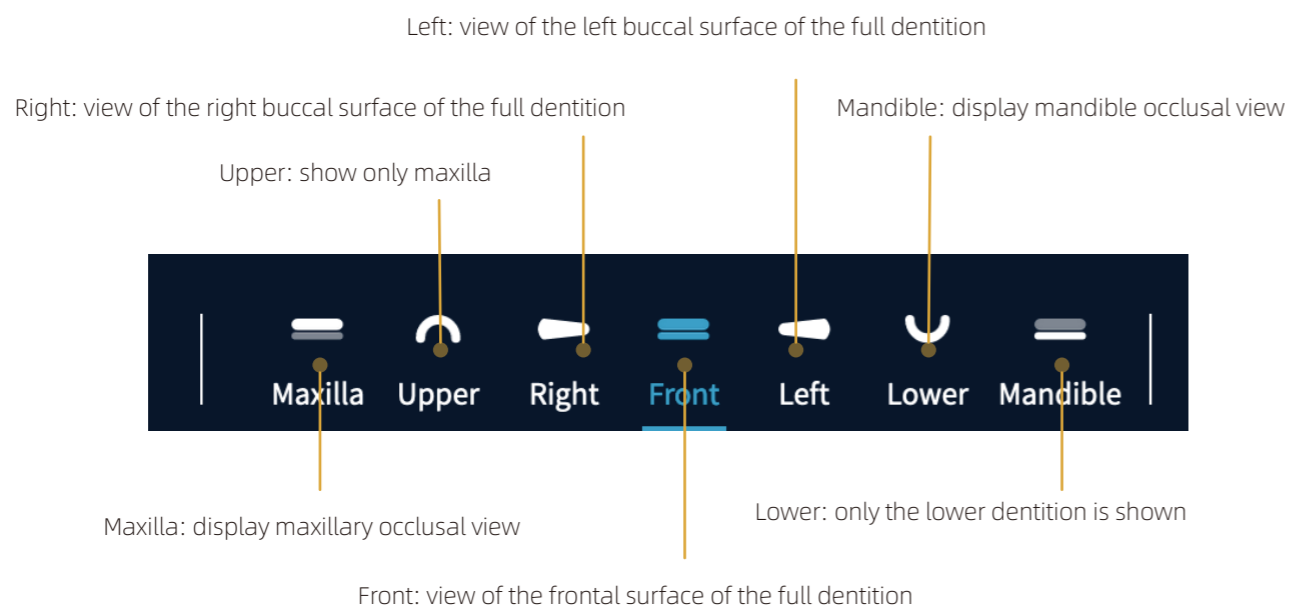
List

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 +/-.

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.

Basic Views

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

Left: view of the left buccal surface of the full dentition

Right: view of the right buccal surface of the full dentition

Upper: show only maxilla

Mandible: display mandible occlusal view

Maxilla: display maxillary occlusal view

Lower: only the lower dentition is shown

Front: view of the frontal surface of the full dentition

3. Scheme information area

Details

Select [Details] to display specific step, attachments bonding / removal, IPR, and over-correction information.
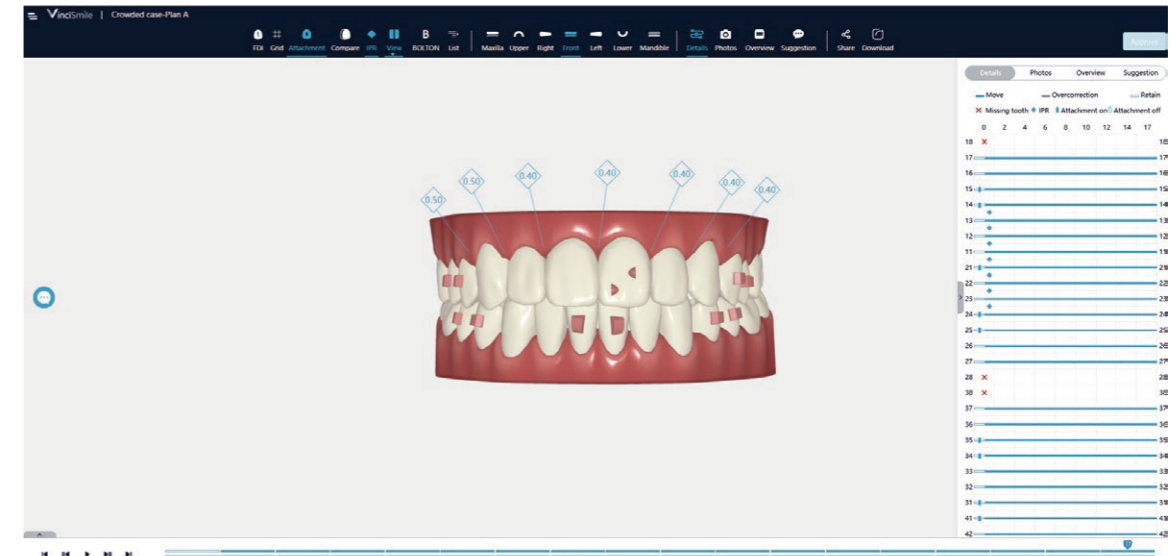
Photos   Check the photos and X-rays of the patients.

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".
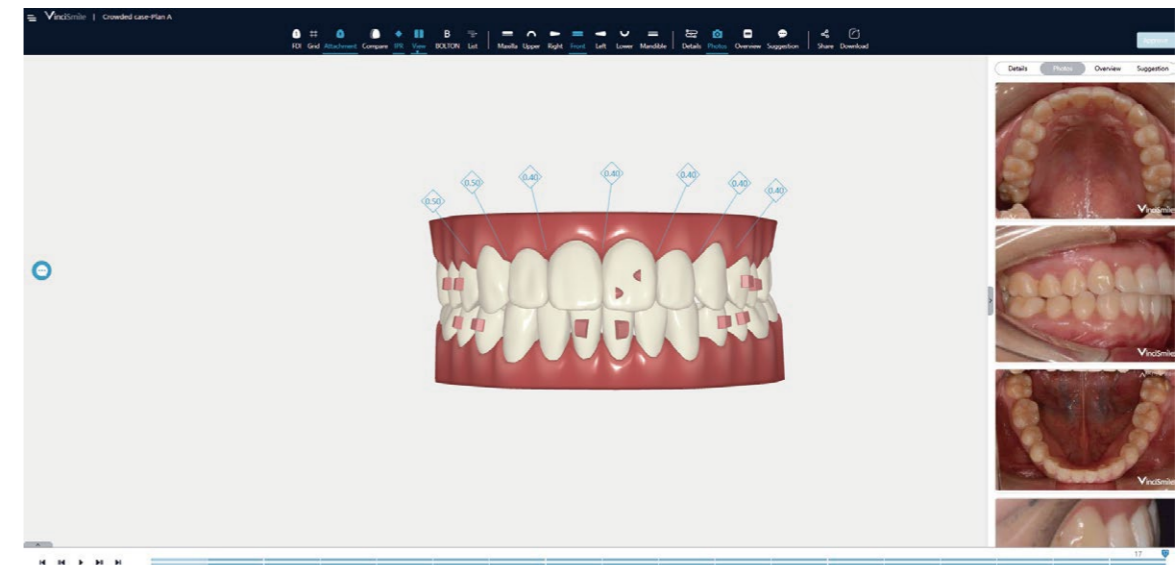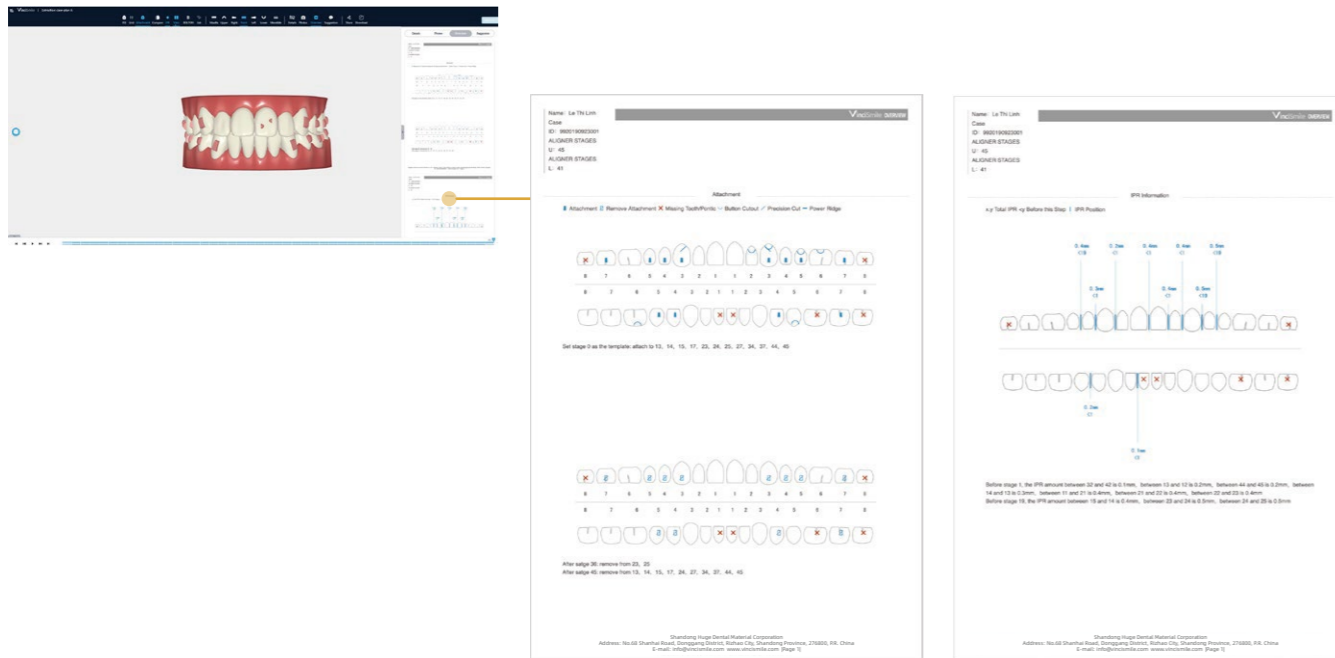
Approve

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.
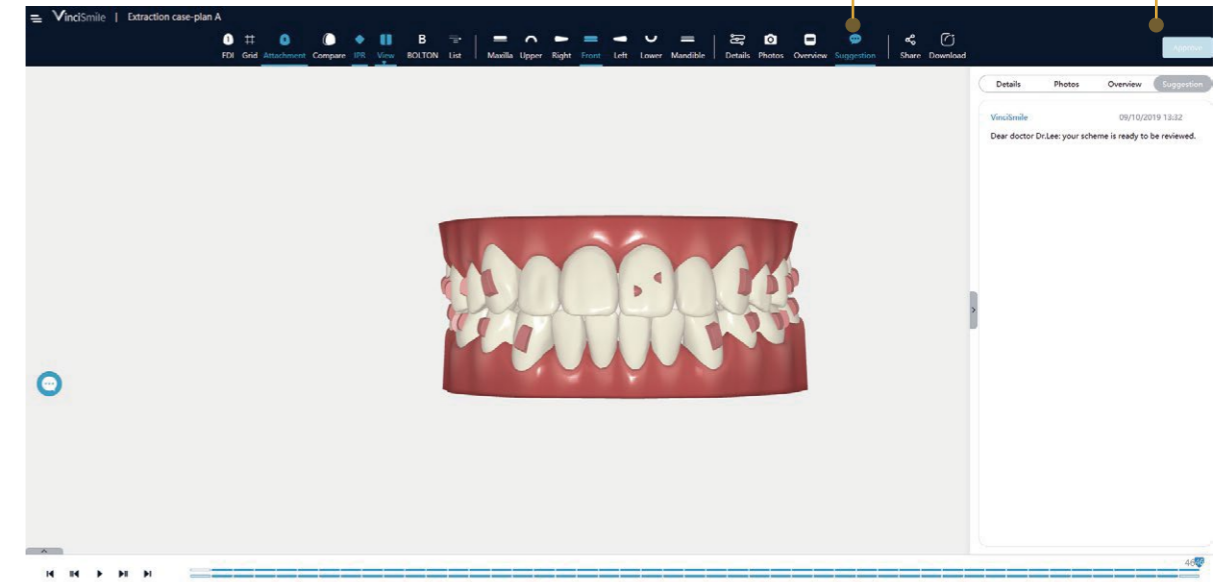

Suggestions   Approve

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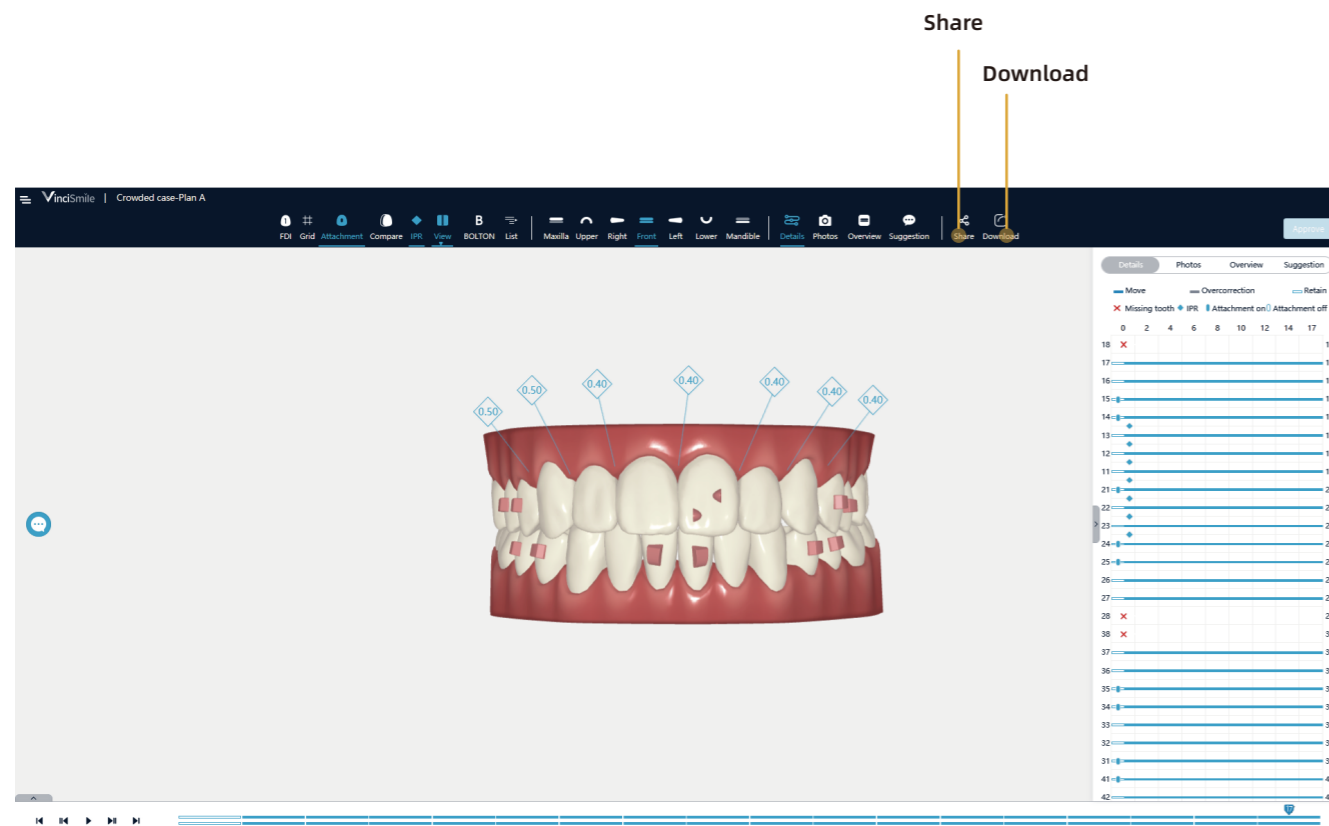
Share   Click [Share] to create a share link of this 3D plan.

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

Share

Download

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
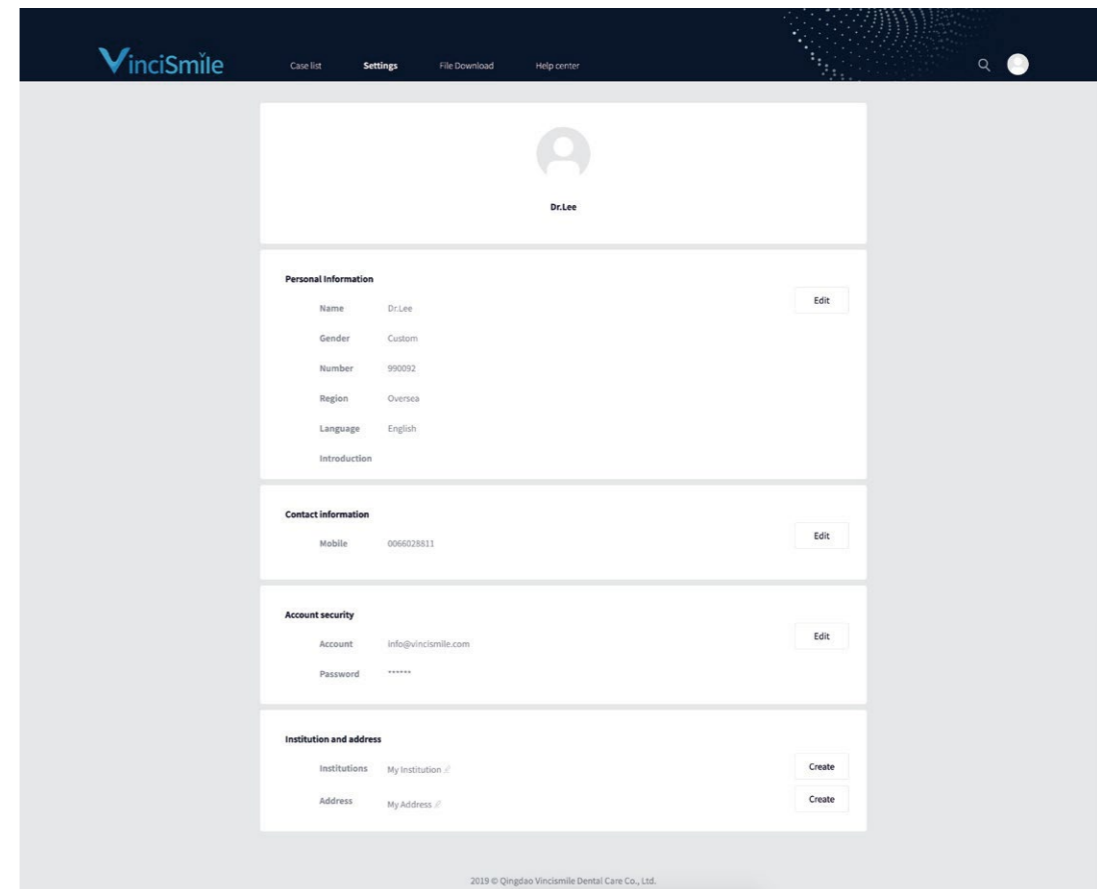
Personal Information

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.
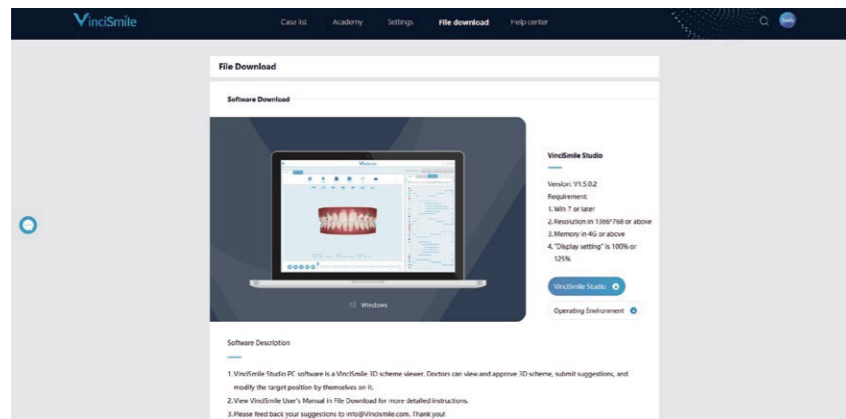
Institution and Address

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.
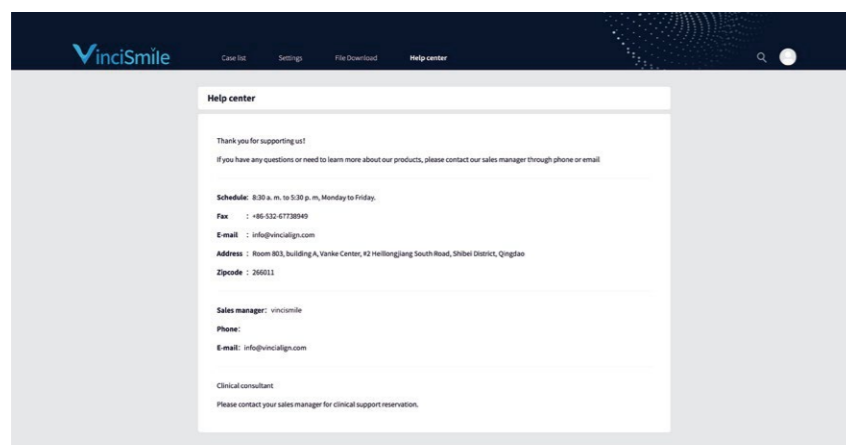
7 Others

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

hether 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?