

Invisalign® Outcome Simulator Pro with Multiple Treatment Simulations

- Invisalign Outcome Simulator Pro is a comprehensive chairside solution providing doctors with visualisation tools designed to increase treatment acceptance.
- Diversify your treatment options with side-by-side ortho only and ortho-restorative in-face simulations.
- Use simulation preferences and tooth charting to personalise the treatment simulation outcome.
- Access to Invisalign Outcome Simulator Pro is only available on the iTero Lumina, iTero Lumina Pro, iTero Element 5D and 5D Plus (Cart and Mobile) scanner models.



The following icon highlights the new features added to Invisalign Outcome Simulator Pro.



Quick Start Guide:

Note: This is the recommended workflow allowing you to save simulation calculation time.



Take extraoral photos

Capture the **wide smile** photo using the Invisalign® Practice App.

The photo is required to run the in-face visualisation.



Scan the patient

Scan the lower jaw, upper jaw, and bite.



Send the scan

Ensure that the **Initiate Invisalign Outcome Simulator Pro** check box is checked and tap **Send and View** to open the Align™ Oral Health Suite*. Clicking **Send** will open the **Viewer mode**.



Open Invisalign Outcome Simulator Pro

Once the green checkmark is displayed, tap/click the **Invisalign Outcome Simulator Pro** button.

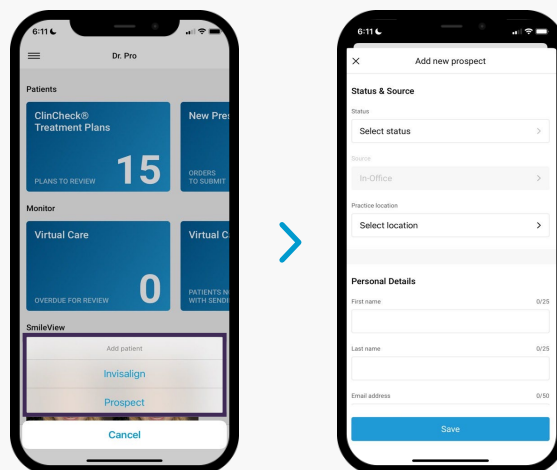
Invisalign® Outcome Simulator Pro with Multiple Treatment Simulations

Start with the Invisalign® Practice App (IPA)



Setting up patients or prospects

- Login to Invisalign® Practice App (IPA), tap **Add Patient** to create an Invisalign® patient or Prospect record.



Take photos

- Enter your patient's/prospect's record and capture the **wide smile photo**.

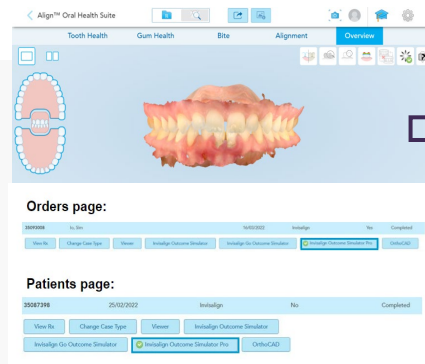


On the scanner



Scan the patient

- On the scanner, tap **New Scan**,
- Fill the Rx
 - **Note:** The Invisalign Outcome Simulation Pro is available for **Invisalign | Vivera** or **Study Model/iRecord** procedures.
- Scan the patient.
- The Invisalign Outcome Simulator Pro button can be found on the Patients or Orders page, Viewer or Align™ Oral Health Suite.



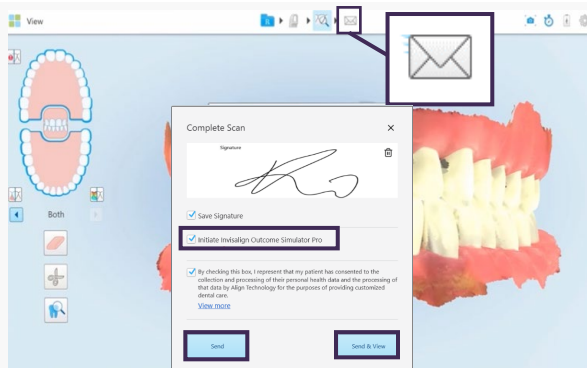
Invisalign® Outcome Simulator Pro with Multiple Treatment Simulations

Open the Invisalign Outcome Simulator Pro



Send the scan

- Tap the Envelope icon.
- The checkbox **Initiate Invisalign Outcome Simulator Pro** is selected by default, to allow the simulation to run in the background while the scanner is available for work.



Two simulations will run in parallel:

- Invisalign® simulation (Ortho only).
- Invisalign® Smile Architect (Ortho-Restorative).

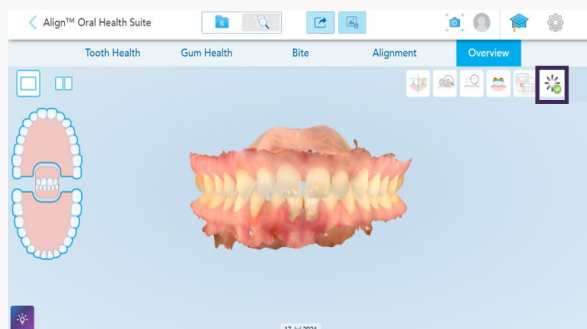
When one of them is completed, you will be able to enter the application.

Tap **Send and View** to open the Align™ Oral Health Suite or **Send** to open the Viewer.



Open the Invisalign Outcome Simulator Pro

- The simulation takes **few minutes to process**.



- Its progress is indicated by the Invisalign Outcome Simulator Pro button.



Simulation in progress



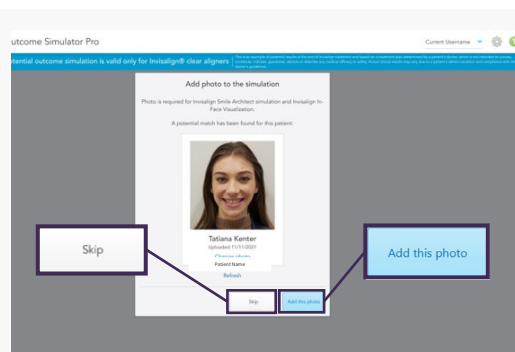
Simulation completed

- During that time, all other iTero™ digital tools can be used.
- When the green check mark appears, tap on the Invisalign Outcome Simulator Pro button.

Invisalign® Outcome Simulator Pro with Multiple Treatment Simulations

Open the Invisalign Outcome Simulator Pro - continued

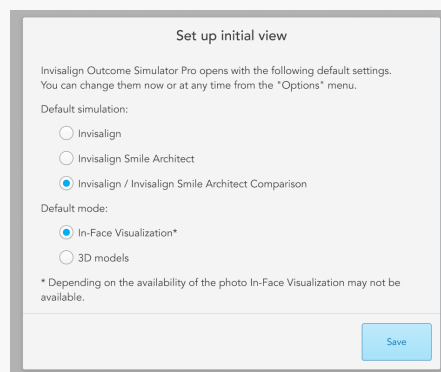
- Tap **Add this photo** to confirm that the photo matches the patient.
- Tap **Skip** to exclude photos from the simulation and use only 3D model view.
- **Note** – Invisalign® Smile Architect simulation requires a photo and skipping this step will not run the simulation.
- You can choose a photo later to re-initiate the simulation, if needed.



The **Set Up Initial View** window will appear the first time a user opens Invisalign Outcome Simulator Pro. This screen allows the users to configure their default view settings when they will launch Invisalign Outcome Simulator Pro from any available screen. These settings are specific to each doctor.

Default View Settings:

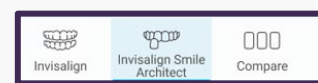
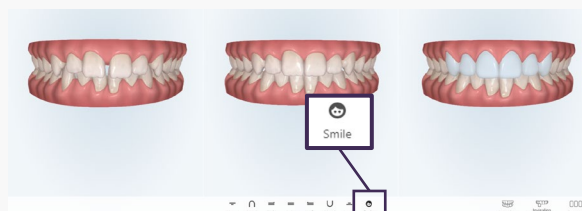
- **Default Simulation:** Choose between Invisalign, Smile Architect, or a comparison of both.
- **Default Mode:** Select one of the following:
 - **In-Face Visualization** – Displays the simulation over the patient's photo (if available).
 - **3D Model** – Shows a 3D model without facial photos.



This setup screen is presented upon the first use of Invisalign Outcome Simulator Pro. The default view settings can be modified later through the **Options** menu.



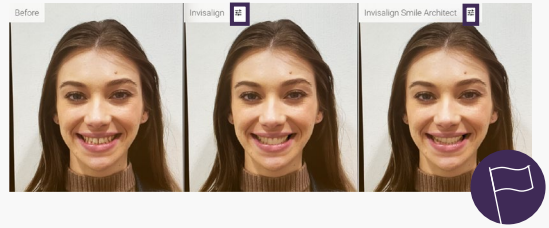
- Tap the **Smile** button to toggle between the in-face visualisation and the 3D model
- Click the view mode buttons to view:
 - **Before and after Invisalign** treatment simulation (ortho only).
 - **Before and after Invisalign Smile Architect** treatment simulation (ortho-restorative).
 - **Compare** between Invisalign and Invisalign Smile Architect treatment simulations.



Adjust simulation preferences

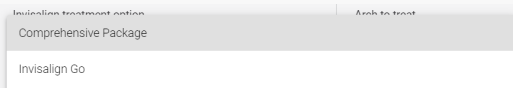
Modify the simulation according to clinical preferences

- The simulation preferences allow you to customise simulations based on clinical needs and conditions, offering different options for each type of simulation.
- To adjust the simulation preferences, tap the Preferences button **near each simulation type**.
- After modifying any preference, you'll need to recalculate the simulation, which may take a few minutes.

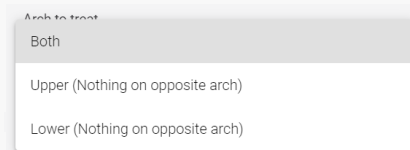


Invisalign treatment simulation preferences

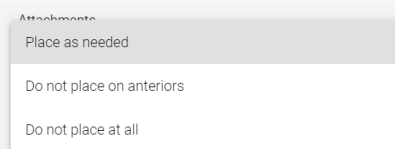
01 Choose the **treatment option** to see what the simulation would look like leveraging a different Invisalign product. Current products supported are: Comprehensive, Go and Go+ (depending on what's available in your IDS account).



02 Choose which **arch** to treat: upper, lower, or both arches.



03 Choose how and if to place **attachments**, either as needed, not on anterior, or not at all.



04 Choose how to treat the **Dental midline**: to maintain the initial midline, or to improve.



05 Select **Space** preferences:



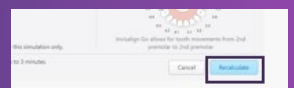
06 You can **save your preferences** as your simulation default or **load your predefined** settings (only for Invisalign simulation type).

Preferences above apply to this simulation only.

- ↑ Save preferences as my simulation defaults
- ↓ Load my simulation defaults



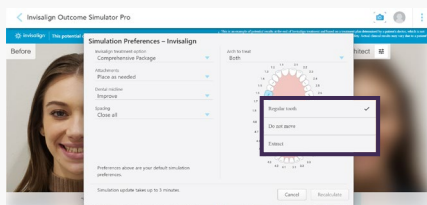
! Tap Recalculate to update the simulation according to your preferences.



Adjust simulation preferences

Invisalign treatment simulation preferences - continued

- 07 Clicking on any tooth will allow you to mark it as **unmovable** or **extracted**.
* For **Go** and **Go plus** extraction there is a **limitation** to one lower incisor.



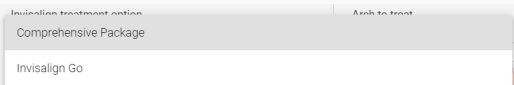
- 08 The tooth chart icon will be changed accordingly:
- Grey: indicates unmovable
 - Red X: indicates extractions



Note: Missing teeth can't be selected as no actions can be performed on them, though the algorithm may still try to place a replacement if possible.

Invisalign® Smile Architect treatment simulation preferences

- 01 Choose the **treatment option** to see what the simulation would look like leveraging a different Invisalign product. Current products supported are: Comprehensive, Invisalign Go (depends on what available in your IDS account).

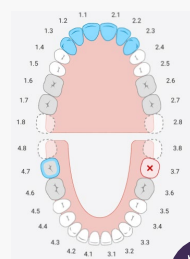


- 02 Choose which **arch** to treat: upper, lower, or both arches.



- 03 Clicking on a tooth in the tooth chart will open a menu with available options for the simulation:

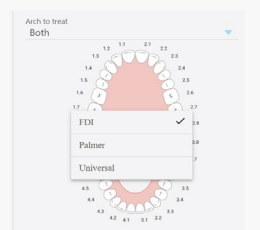
- **Regular:** Mark tooth as regular tooth (Color indication: white)
- **Restore:** Mark tooth for restoration (Color indication: Blue)
- **Do not move:** Mark tooth as unmovable (Color indication: Grey)
- **Restore (Do not move):** Place a restoration without tooth movement (Color indication: Grey with blue outline)
- **Extract:** Mark tooth to be extracted (Color indication: Red with X)
- Areas on tooth chart with dotted line and no tooth indicates missing teeth that the algorithm detected



Adjust simulation preferences – Modify tooth numbering system

- 04 **Tooth numbering system**

- To change the tooth numbering system, click on any number on the tooth chart and switch it to your preferred system: FDI, Palmer, or Universal.
- This allows for easier work according to your clinical preferences.

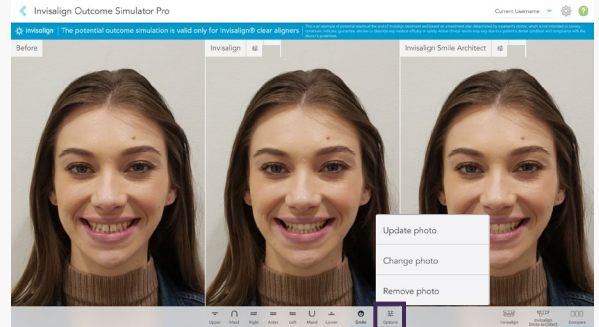


Manage photos

These options allow you to update, change and remove photos

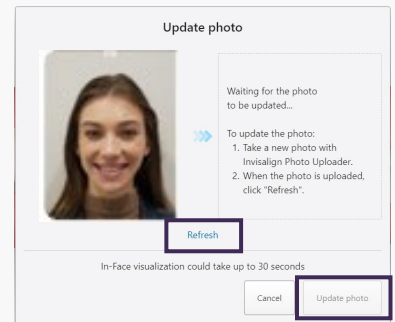
01 Preferences

- Tap the **Options** button to manage the patient/prospect photo.



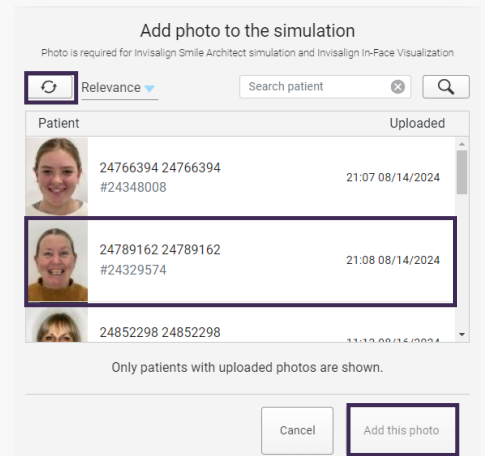
02 Update photo (to update patients' photo)

- Take a new photo via Invisalign® Practice App and upload it.
- Select **Update photo** from the pop-up menu.
- Click the **Refresh** button until you see the new photo you took. The new photo will appear on the right side of the screen.
- Click **Update** photo if you approve.
- In-Face Visualisation for Invisalign and Invisalign Smile Architect simulations will be calculated.



03 Change photo (Change patient)

- Select **Change patient** from the pop-up menu.
- Select the patient from the **Patient** list. You can use the **search patient** field to search for your patient.
- Once completed, click the **Add this photo** button.
- The in-face smile view is updated with the patient's photo you selected.



04 Remove photo (to remove photo and in-face visualisation from the simulation)

Select **Remove photo** from the pop-up menu. Click the **Remove** button to remove the photo.

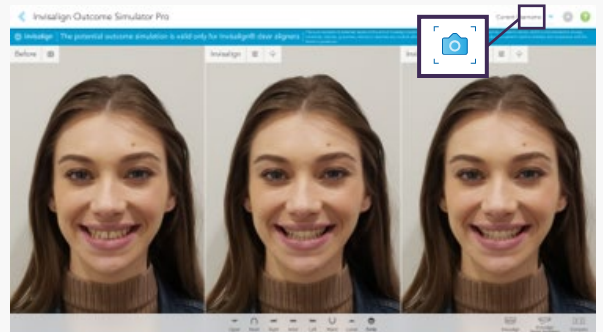


Share the simulation

Share both the potential smile and the 3D model by using the screenshot tool and the iTero™ Scan Report *

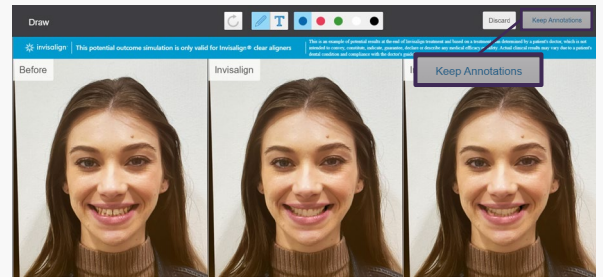
01 Screenshot

- Tap the screenshot tool when viewing the image to be shared.
- Ignore the image thumbnail to save the image as is.



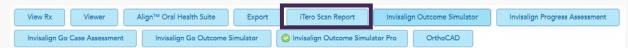
02 Screenshot thumbnail

- Tap the screenshot thumbnail to add annotations.
- Tap **Keep Annotations**.



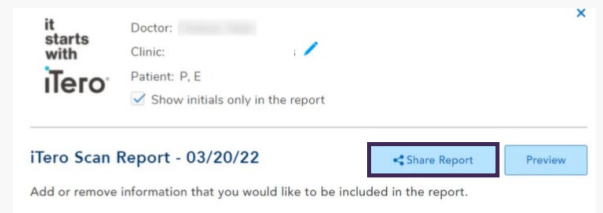
03 Share the screenshot

- To access and share the screenshot, go to the myiTero™ portal.
- Find the relevant scan date and click **iTero Scan Report**.



04 Share Report

- Click Share Report, download the **Scan Report** and share it.



Scan Report is available on all scanner models that are on an active Comprehensive or Restorative Foundation Service Plan. The relevant Comprehensive Service Plan is included for the first 12 months with a new iTero scanner. After this period, continued access requires a monthly or annual service fee.