

Invisalign® Outcome Simulator Pro

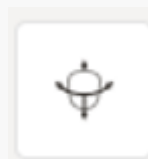
3D Controls

- 3D controls are used to refine the simulated outcome, improve inaccurate simulations, and adjust the results to align with doctor and patient preferences.
- 3D controls are available for both Invisalign (teeth modifications only) and Invisalign® Smile architect (teeth and restorations modifications) treatment simulations.
- Modifications using 3D controls are **optional** and can be done based on doctor preferences and patient clinical conditions.

How to access 3D controls?

The 3D controls icon is accessible from all view modes (Invisalign, Invisalign Smile Architect, and Compare) for both 3D and in-face visualizations.

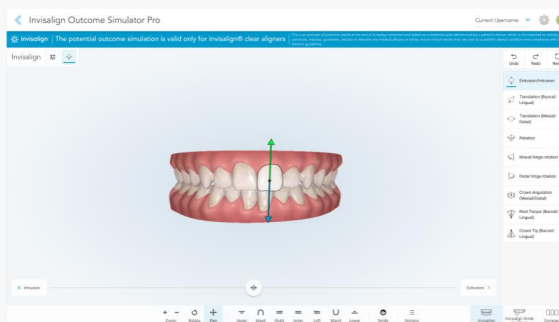
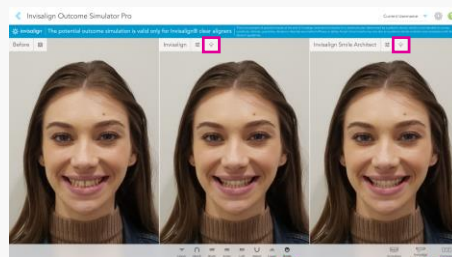
Clicking the icon enters the 3D controls edit mode, allowing the user to adjust the simulation with the available controls.



Open 3D controls

Select the **3D controls icon** for the simulation you wish to modify.

- The 3D model of the simulated outcome of the teeth will be presented on the screen in a single view edit mode.
- It is recommended that any needed adjustments on the **simulation preferences** be made first **before using 3D controls**. Recalculating the simulation based on updated preferences **will reset all 3D control modifications** for that simulation.

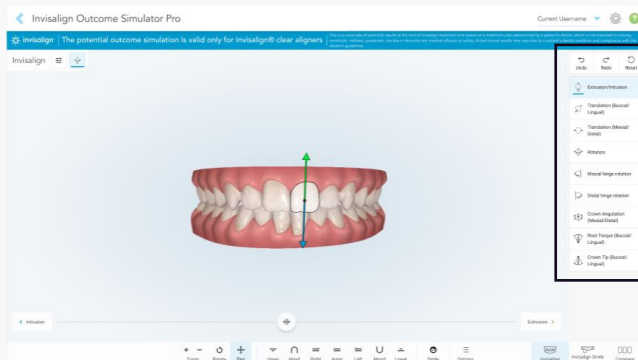


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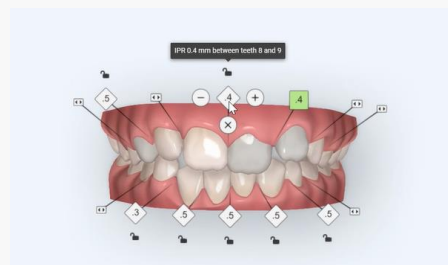
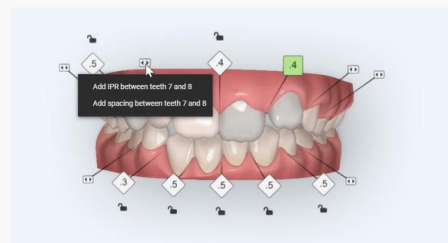
How to modify a tooth position

- To modify a tooth position, you need to:
 - Select a **tooth** on the 3D model
 - Select a **control** from the panel (e.g., Extrusion/Intrusion)
 - Adjust the tooth position according to the selected movement type.
 - The modification can be done using the **arrows** on the tooth or the **slider control**.
- In the Invisalign® Smile Architect simulation, both tooth and restoration 3D controls are available.
 - You can switch between the two lists using the 3D control panel.
- You can select more than one tooth to move at a time by holding the **Shift** or **Ctrl** keys (via myiTero.com only).



Modify interproximal reduction (IPR) and Spaces

- When entering 3D controls edit mode, IPR & Spaces can be adjusted using the flags displayed between the teeth.
- The user can choose either to add IPR or a space between two teeth.
- The number of IPR/Spaces will be shown on the flag between the teeth.
- The IPR flags will be **hidden** when **leaving edit** mode but will be taken into consideration for 3D model and IFV recalculation.

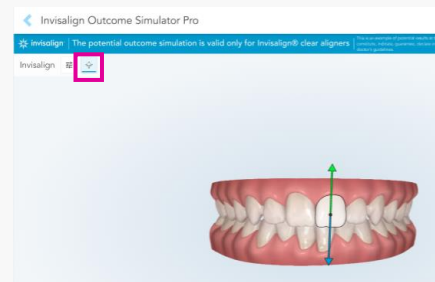


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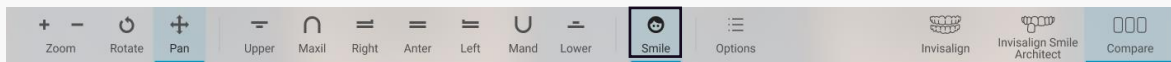
3D Controls

Save 3D controls modifications

- Modifications on the 3D model are updated and **autosaved** immediately.
- Clicking the 3D controls switcher or any button in the toolbar will close the edit mode and save the modifications.



- In-face visualization will update based on the 3D modifications.
- Select the **Smile** button to switch to in-face visualization and recalculate the simulated smile.



Reset / Undo modifications

- **Reset** will revert all modifications and return to the initial and unmodified simulation.
- **Undo** and **Redo** will revert the latest 3D modification. Both actions can be done for **the current session only**.

