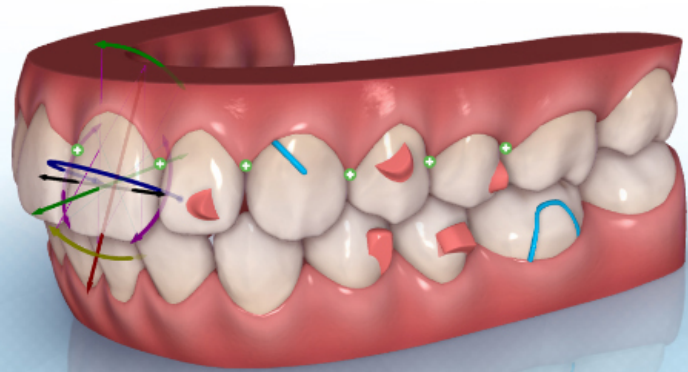


ClinCheck Pro 5.0



User's Guide (English)



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CUSTOMER SUPPORT

For questions, please contact your local Customer Support. Contact details are available on your Invisalign Doctor Site under the Support tab.

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What Is ClinCheck Pro 5.0 Software?

The ClinCheck software is a proprietary 3D computer application (electronic prescription) for depicting, viewing, editing, monitoring and approving an orthodontic treatment plan, including a virtual representation of the patient's expected tooth movement from the beginning through final stage of their Invisalign case in a virtual three dimensional model.

ClinCheck is designed to be available on the treating doctor's computer and is immediately launched by the system when the user clicks on the ClinCheck file. The software provides a computerized approximation of desired tooth movement for a specific patient and the results are simulated based on the approved ClinCheck treatment plan. The ClinCheck treatment plans includes the ClinCheck model with options such as placement of attachments or ridges and Interproximal Reduction (IPR) if required by the treatment plan. The doctor is requested to review the ClinCheck treatment plans thoroughly. The doctor may make changes or modifications via the ClinCheck software prior to approving the final ClinCheck treatment plan. The doctor's approval of the customized ClinCheck treatment plan is considered a prescription and constitutes final authorization for Align to manufacture the aligners.

Note: All names used in this document are not intended to reflect actual persons. Any similarity to an actual person is merely coincidental.

Note: Many of the examples shown in this guide have been exaggerated for instruction purposes and may not reflect actual clinical conditions. For example, a tooth may be displayed initially hyper-rotated to show the effect of the correction tool.

Indications

The Invisalign® System is indicated for the alignment of teeth during orthodontic treatment of malocclusion.

How this Document is Organized

Section I, User Interface Overview, orients you to the new ClinCheck 5.0 user interface, explains the major divisions of the screen, and shows how to set system preferences.

Section, II, Reviewing Treatment Plans, explains how you can change the 3D model view, use the display tools, view animations, export movies and still images, and approve the treatment plan.

Section III, Creating New Treatment Plans, describes the process by which you create a new plan and submit it to your Invisalign team. It explains how to modify tooth positions, manage attachments and cuts, adjust IPR and spacing, and manage occlusal contact.

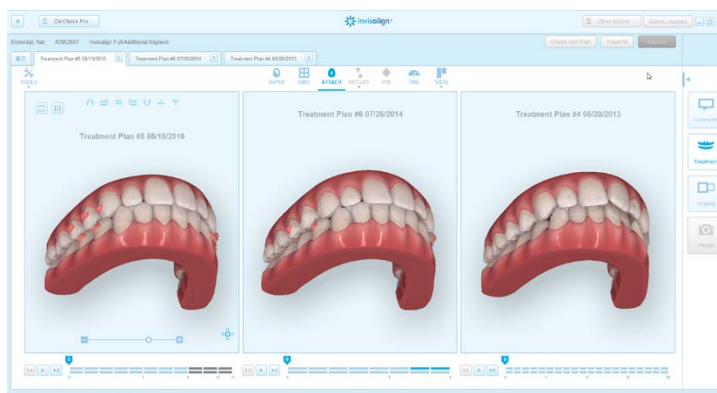
Section IV, Installation and Operation, shows system requirements and installation procedure as well as information about using the mouse and keyboard, keyboard shortcuts and working offline.

New Features in ClinCheck Pro 5.0 Software

ClinCheck Pro 5.0 software has new features and capabilities that provide a more intuitive and visually pleasing user interface (UI) and help you work faster and more accurately. This section provides an overview of the most important new UI features along with references to more detailed explanations and instructions.

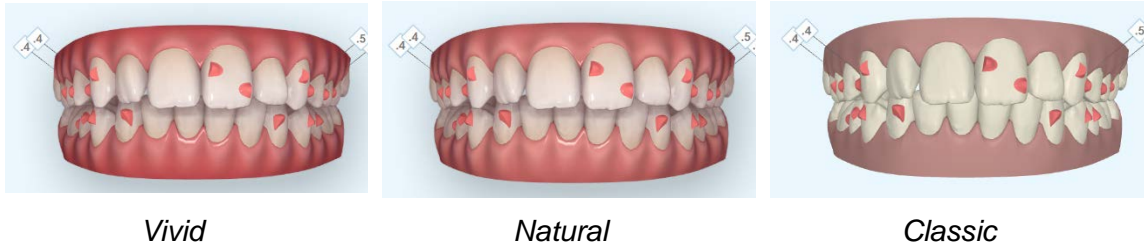
Multiple Treatment Plans

ClinCheck Pro 5.0 software employs a tab system that allows you to open multiple treatment plans and even view them side by side for comparison. When you create a new treatment plan to make changes to the plan you are reviewing, you can use this capability to compare your new treatment plan to the treatment plan submitted by Align as shown below.



Enhanced Model Rendering

In addition to the Classic representative used in previous versions, ClinCheck Pro 5.0 software has added two more realistic representations of the 3D model, which are called Natural and Vivid.

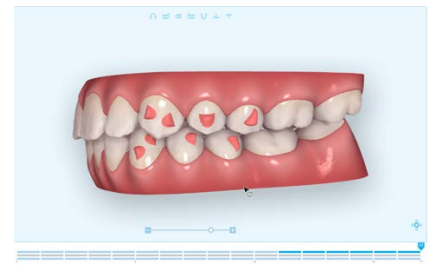


Anteroposterior Correction Visualization (A-P Vis)

ClinCheck Pro 5.0 software now supports Anteroposterior Correction Visualization, which is helpful when dealing with a number of bite problems. It allows you to see the bite correction either at the beginning or end of treatment (simulating a surgical correction) as well as correction spread throughout the treatment plan (simulating interarch elastics). When A-P visualization is enabled, a gray bar appears in the center of the Stage indicator as shown in the example below.



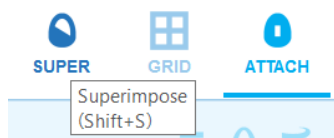
*A-P Correction Visualization,
Treatment Start*



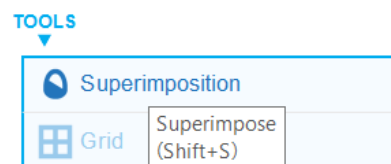
*A-P Correction Visualization,
Treatment Complete*

ClinCheck Pro 5.0 Keyboard Shortcuts (Hotkeys)

ClinCheck Pro 5.0 software for the Windows operating system supports new keyboard shortcuts for the most commonly used operations. Shortcut information is displayed in parentheses in menu items and in tooltips as shown in the figures below.



Hotkey reference in tooltip



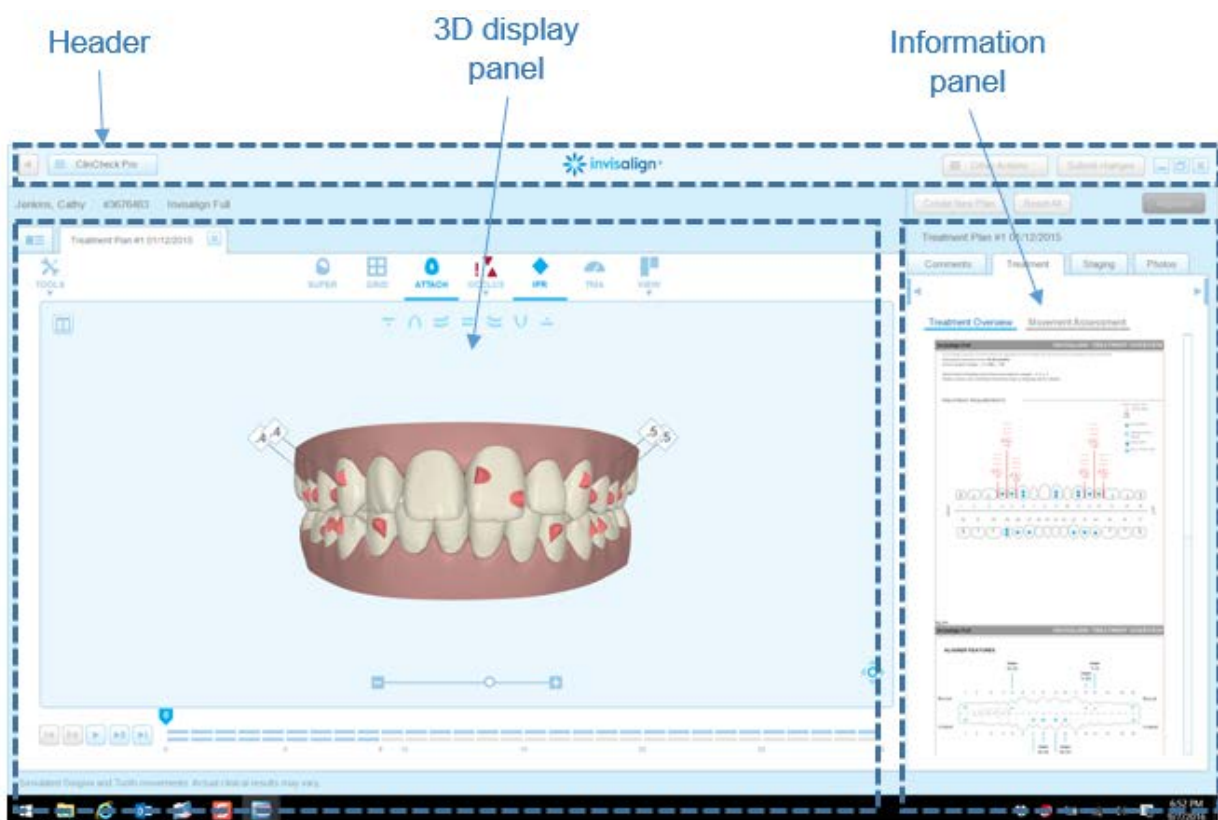
Hotkey reference in menu items

SECTION I. USER INTERFACE OVERVIEW

The ClinCheck user interface has been completely redesigned for ClinCheck Pro 5.0 software to provide a more intuitive, customizable user experience. This section describes the organization and placement of the buttons, menus, and controls that allow you to interact with ClinCheck Pro 5.0 software. It also provides instructions for getting started, in particular, opening treatment plans, and using the 3D display.

A typical ClinCheck Pro 5.0 screen is shown below. Note the following logical divisions:

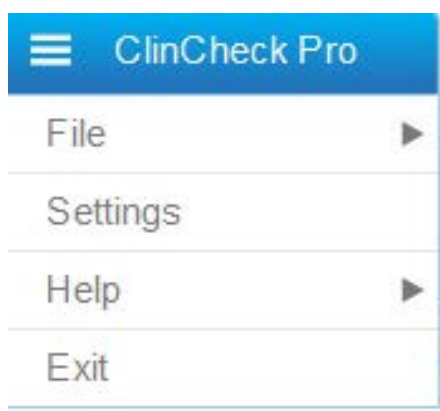
- Header – Contains four buttons: Back to Home (left arrow), ClinCheck Pro (page 10), Other Actions (page 49) and Submit Changes (page 64).
- 3D display panel – Allows you to examine in three dimensions the current plan as well as any modified plans that you create (page 16).
- Information panel – Provides a mechanism for exchanging information between Align and the doctor (page 20).



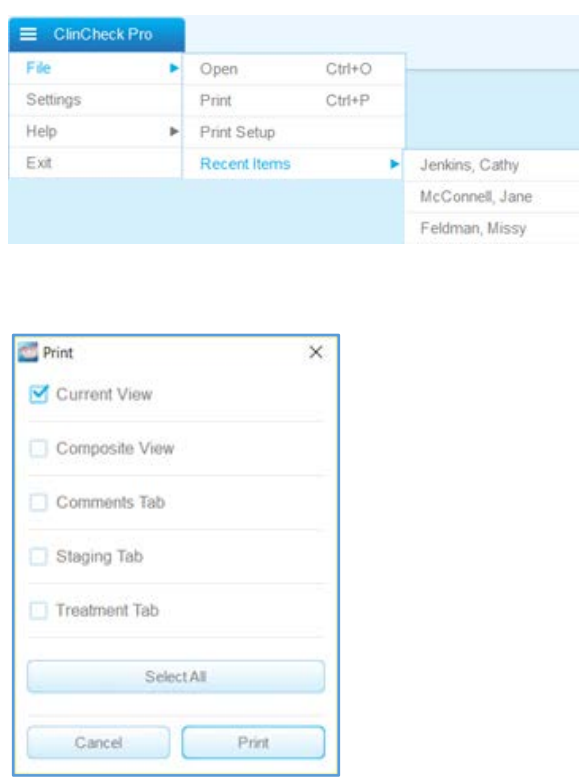
ClinCheck Pro 5.0 software screen showing logical divisions

1. The Main Menu

The ClinCheck Pro 5.0 software Main menu allows you to open and print treatment plans, set display and movie parameters, access help, and exit the ClinCheck program.


	<p>To view the Main menu, mouse over or click the ClinCheck Pro button. A dropdown menu appears as shown at left with four choices:</p> <ul style="list-style-type: none">• <i>File</i> and <i>Help</i> display the corresponding submenu, described in the following subsections.• <i>Settings</i> brings up the <i>Settings</i> panel (see page 11).• <i>Exit</i> closes the ClinCheck software.
---	--

1.1 File Operations

	<p>The File submenu enables you to perform the following tasks by clicking the item or using the keyboard shortcut, if any, shown in parentheses.</p> <ul style="list-style-type: none">• <i>Open</i> displays a dialog box that allows you to select a treatment plan (Ctrl-O).• <i>Print</i> (Ctrl-P) opens the Print Dialog box, shown at left, which allows you to choose which parts of the treatment plan you wish to print.• <i>Print Setup</i> opens the Windows Page Setup dialog box.• <i>Recent Items</i> allows you to open a treatment plan that you recently accessed. Click on or mouse over <i>Recent Items</i> to see the available plans.
--	--

1.2 Help Functions

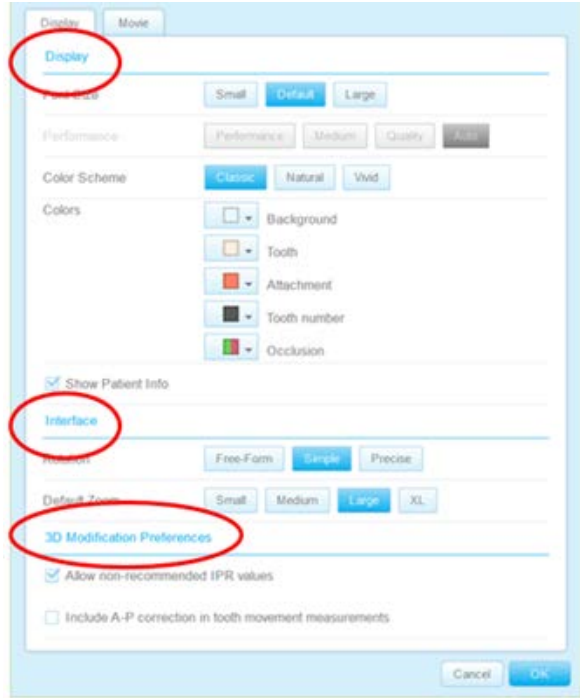
Help	▶ What's New
Exit	Getting Started Guide
	About ClinCheck Pro



The Help submenu provides access to the following information:

- *What's New* displays a summary of the new features in the ClinCheck Pro 5.0 software.
- *Getting Started Guide* displays a short set of instructions for new users.
- *About ClinCheck Pro* provides key information as shown at left. It also includes a link to contact customer support or clinical support at Align Technology.

2. The Settings Panel



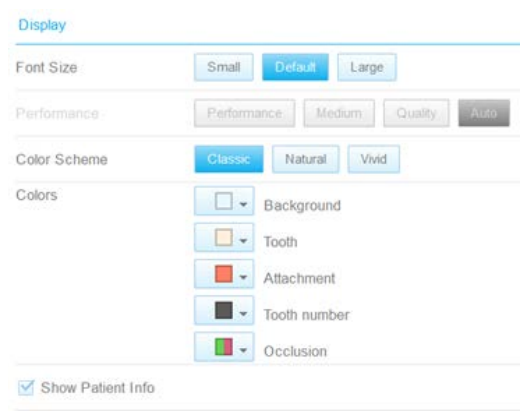
The Settings panel has two tabs, Display and Movie. Each tab has Cancel and OK buttons at bottom right. You must select one of these two options to exit the current tab.

- The Display tab (shown at left) is open by default when you select ClinCheck Pro → Settings.

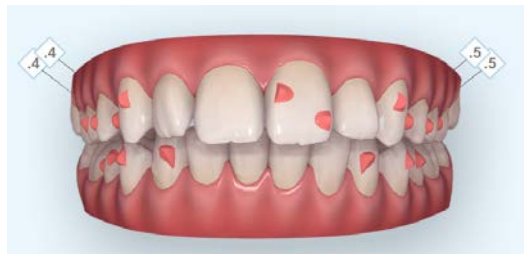
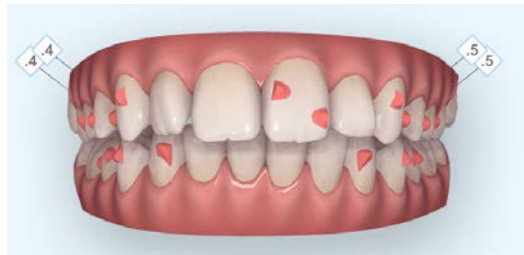
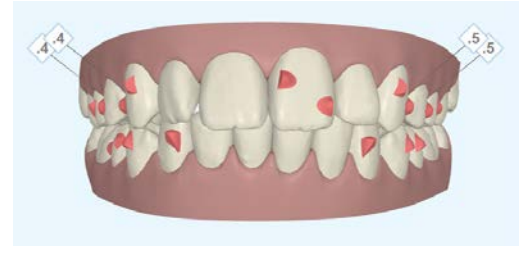
Each of the three highlighted sub-sections – Display, Interface and 3D Modification Preferences – is described in a separate subsection below.

- The Movie tab is described on page 15.

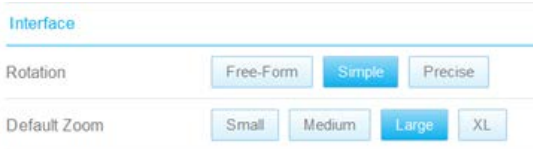
2.1 Display Settings

	<p>You can set the following display parameters:</p> <ul style="list-style-type: none"> Font size – Move the slide to select the desired font size for the display. Performance – Factory-set to Auto. Color Scheme – Select Classic, Natural (default) or Vivid. See descriptions below. Colors – Customize colors for background, teeth, attachments, numbers and occlusion. Show Patient Info – Check the box to show (default) patient information. Uncheck the box to hide the information to ensure privacy when reviewing the treatment plan in public.
---	--

Color Scheme Options



Option	Description	Example
Vivid	Teeth and gingiva are shown with intense colors.	
Natural (default)	Life-like representation of the colors occurring in human dentition.	
Classic	Same as the color scheme used in previous versions of the ClinCheck Pro software.	

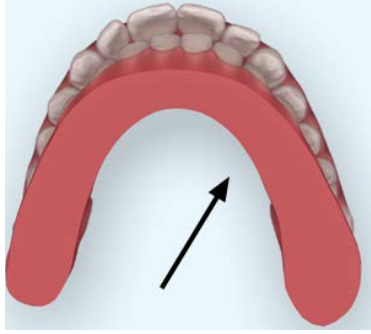
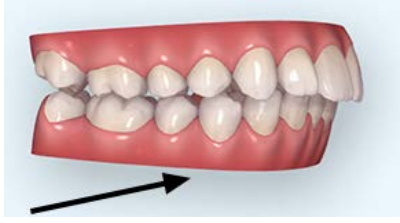
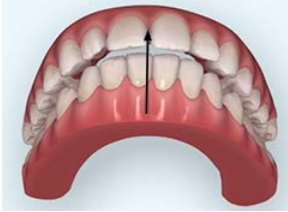
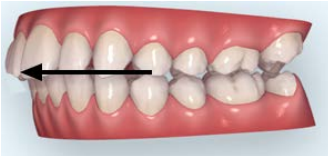
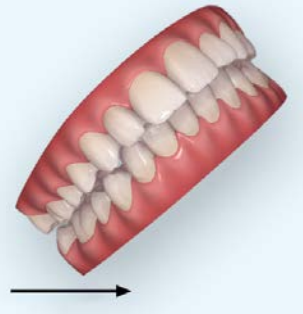
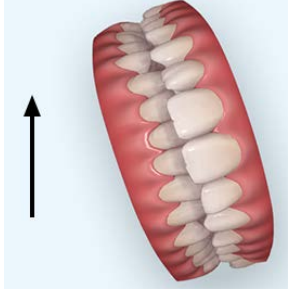
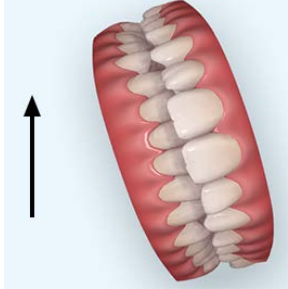
2.2 Interface Settings

	<p>You can set the following interface parameters:</p> <ul style="list-style-type: none"> • <i>Rotation</i> – Sets the effect of cursor movement on the 3D model. Options are Free-form (default), Simple or Precise. See descriptions below. • <i>Default Zoom</i> – Sets the initial view of the model. Options are Small, Medium (default), Large, or XL.
---	--


Rotation Options

ClinCheck Pro 5.0 software provides three modes of rotation. The examples show the effect of cursor drag movement in the direction of the arrow starting from the anterior view. Note that Precise mode makes it easier to control model position depending on whether you click and drag on the model or outside the model.

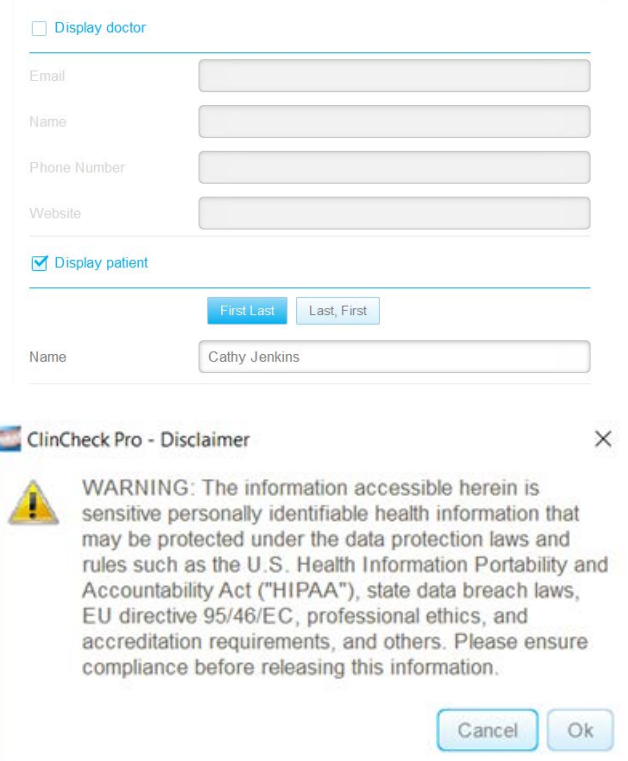
Mode	Description	Effect of Movement Shown by Arrow
Reference	Anterior view	
Free-form (default)	Drag in any direction to rotate the model.	

Simple	Clicking and dragging restricts the rotation to either the horizontal or vertical plane, even if the cursor moves diagonally. To change the orientation, release and click again.	 
Precise	Clicking on the model and dragging rotates the model in the direction of the cursor movement, using the click point as the rotational axis.	 
		
	Clicking outside the model and dragging vertically tilts the model.	
	Clicking outside the model and dragging horizontally rotates the model around the click point.	

2.3 3D Modification Preferences

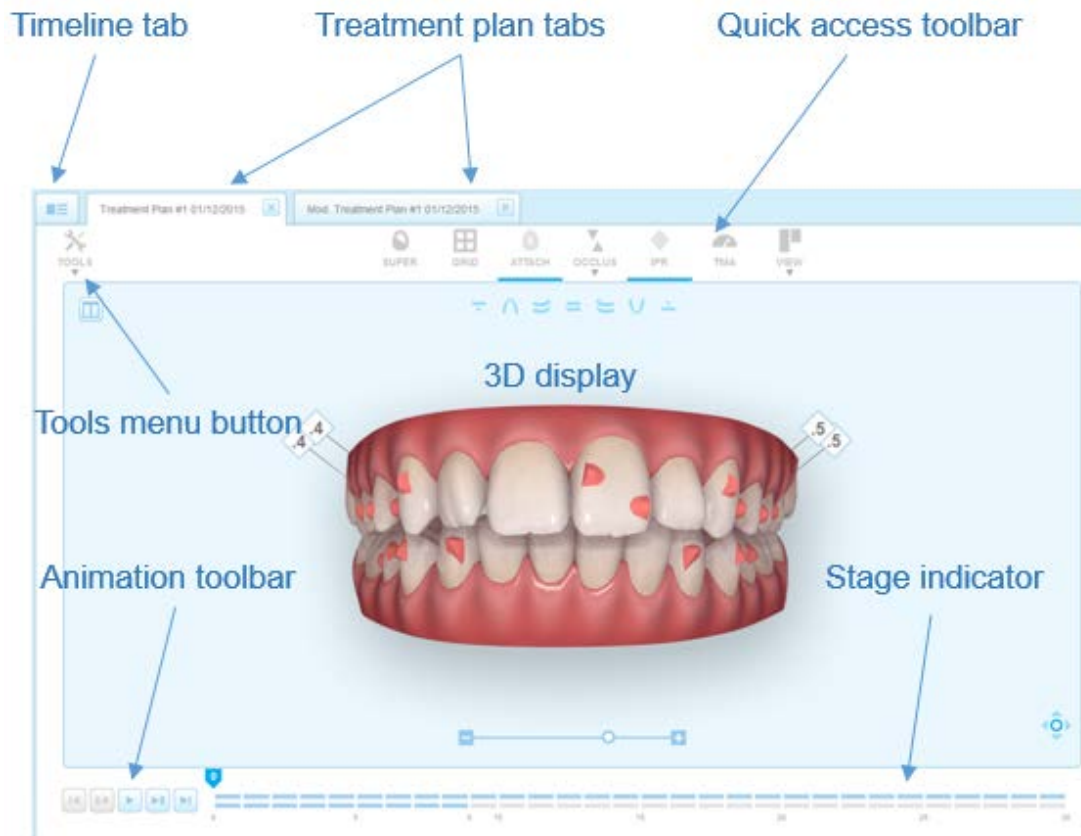
	<p>You can set the following 3D Modification Preferences:</p> <ul style="list-style-type: none"> • Allow non-recommended IPR values (Off by default) Enable IPR values 0.1 and 0.6 and higher. • Include A-P correction in tooth movement measurements (Off by default). Add A-P movements in the tooth movement table.
---	---

2.4 Movie Information

	<p>The Movie screen allows you to input doctor and patient contact information that is included when you send a ClinCheck Pro 5.0 software movie to your patient.</p> <ul style="list-style-type: none"> • To access the Movie screen, click on the Movie tab. • Use the Display doctor and Display Patient checkboxes to enable the respective information to be included in exported movies (see page 48). • Clicking on the Display Patient checkbox results in the dialog box shown below left. Click OK to enable the display of the patient's name.
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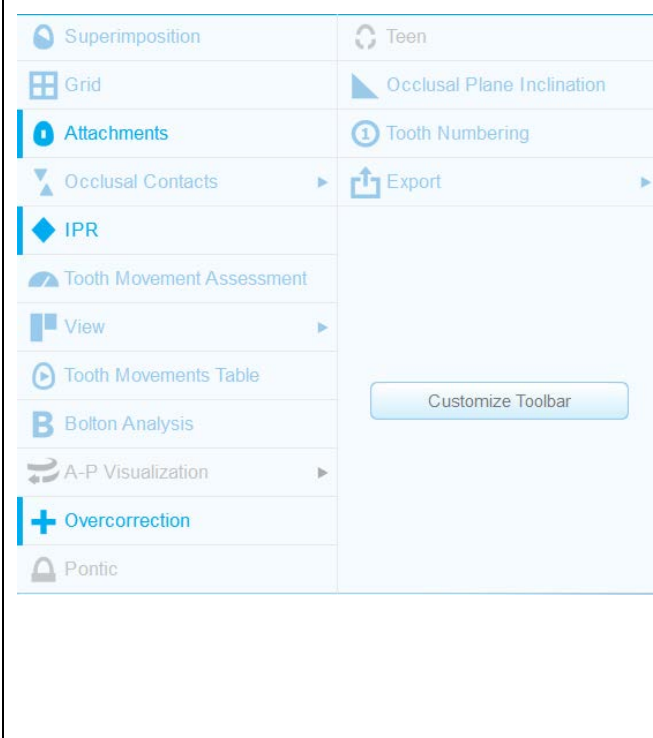
3. The 3D Display Panel

The 3D Display panel of ClinCheck Pro 5.0 software contains a variety of tools and controls to help you clearly understand the proposed treatment plan and evaluate whether the plan achieves your clinical goals. Each section of the panel is described in a separate subsection below, starting with the Tools Menu and moving clockwise.



3.1 Tools Menu

The Tools Menu has two functions: 1) provide access to the full range of ClinCheck Pro 5.0 software tools, and 2) customize the Quick Access toolbar.

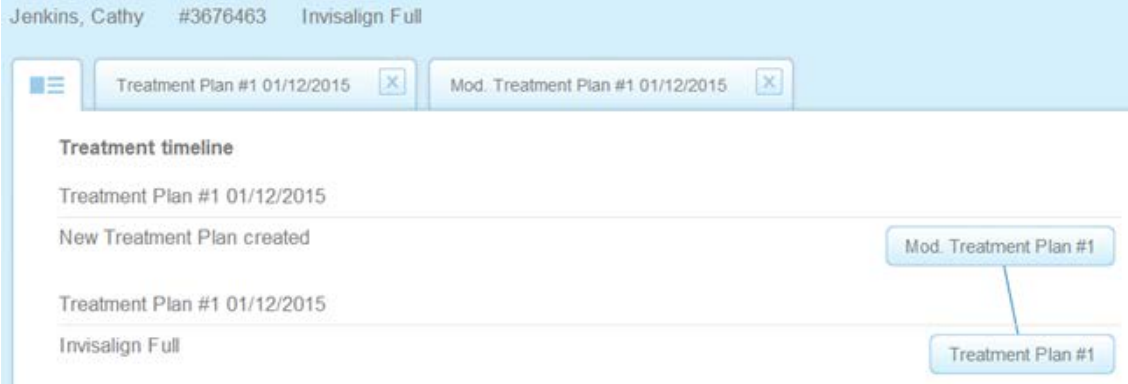


- To display the *Tools* menu, click the *Tools* button in the upper left corner of the *Display* panel. The *Tools* dropdown menu appears as shown at left.
- To hide the dropdown menu, click the *Tools* button again.
- To view tool tips in the dropdown, pause the cursor over any tool.

All of the ClinCheck tools are shown in the dropdown, whether or not they are active for the case under review. Note that this list is “live,” meaning that you can click any tool to activate the tool's function (see page 34 ff for information about individual tools).

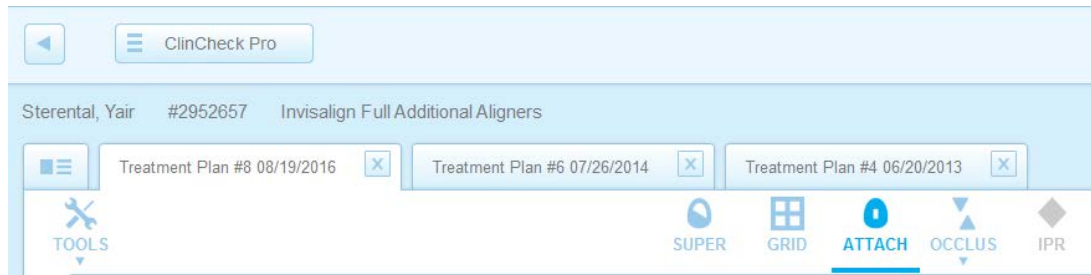
3.2 Timeline Tab

The Timeline tab displays a history of the treatment plan for this patient. You can access previous plans by clicking on the plan name on the right.



3.4 Treatment Plan Tabs

ClinCheck Pro 5.0 software uses a tab system to allow you to navigate between open treatment plans. The figure below shows three tabs for the same patient.









3.5 Quick Access Toolbar

ClinCheck Pro 5.0 software allows you to quickly and easily select tools from the Quick Access toolbar. You can activate any tool by clicking the icon in the Tool bar.

Tool States

Tools can be in one of three states:

- **Active** – The tool function is enabled. For example, when IPR is active, the 3D model displays the IPR values.
- **Inactive** – The tool function is disabled. For example, when GRID is inactive, the grid is not displayed.
- **Unavailable** – The tool function is not relevant to this treatment plan. For example, TEEN is unavailable for adult patients with Invisalign Full.

STATE →	Active	Inactive	Unavailable
Quick Access toolbar	 IPR	 GRID	 TEEN
Tools menu	 IPR	 Grid	 Teen

The diagram below shows the default set of tools in ClinCheck Pro 5.0 software when first installed. You can customize the toolbar to show the tools that you use most often and hide the others as described in the following subsection. For descriptions of individual tools, see page 35.



Customizing the Quick Access Toolbar

You can customize the ClinCheck Quick Tools Bar by adding and removing tools.

Superimposition	Teen
Grid	Occlusal Plane Inclination
Attachments	1 Tooth Numbering
Occlusal Contacts	Export
IPR	
Tooth Movement Assessor	
View	
Tooth Movements Table	
Bolton Analysis	
A-P Visualization	
Overcorrection	
Pontic	

- To begin the customization process, click Customize Toolbar on the dropdown menu.
- Plus and minus signs next to the individual tools indicate the tool status and options:
 - Plus = Hidden. Click to add
 - Minus = Visible. Click to remove.
- When you have finished customization, click Exit Customize.

3.6 Stage Indicator

The Stage indicator shows the treatment stage that is currently displayed on the 3D model (each treatment stage corresponds to a specific aligner set). You can click on any segment to display the model for that stage and you can also drag the indicator slider to the desired stage (see page 45 for more information about animation playback).

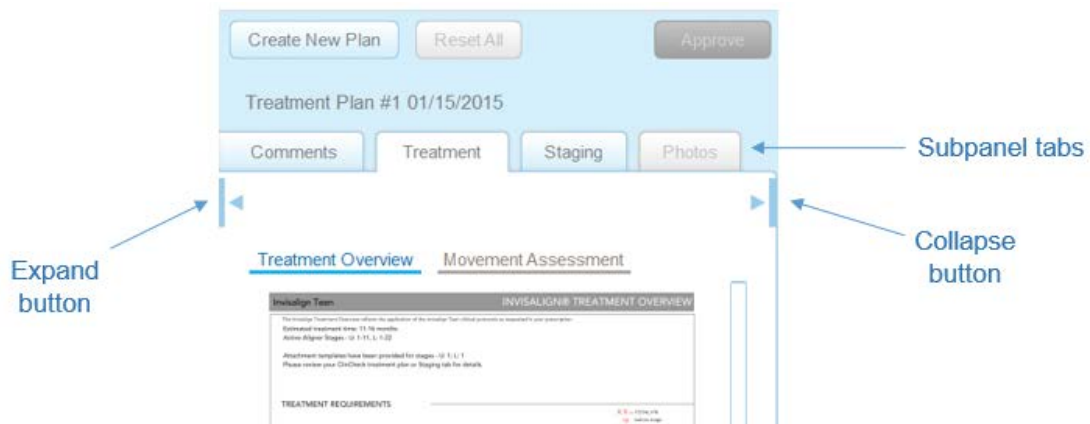


3.7 Animation Toolbar

ClinCheck Pro 5.0 software has playback capabilities that allow you to see an animation of the tooth movements as they appear at each stage of the Align treatment plan (see page 45 for more information about animation playback).

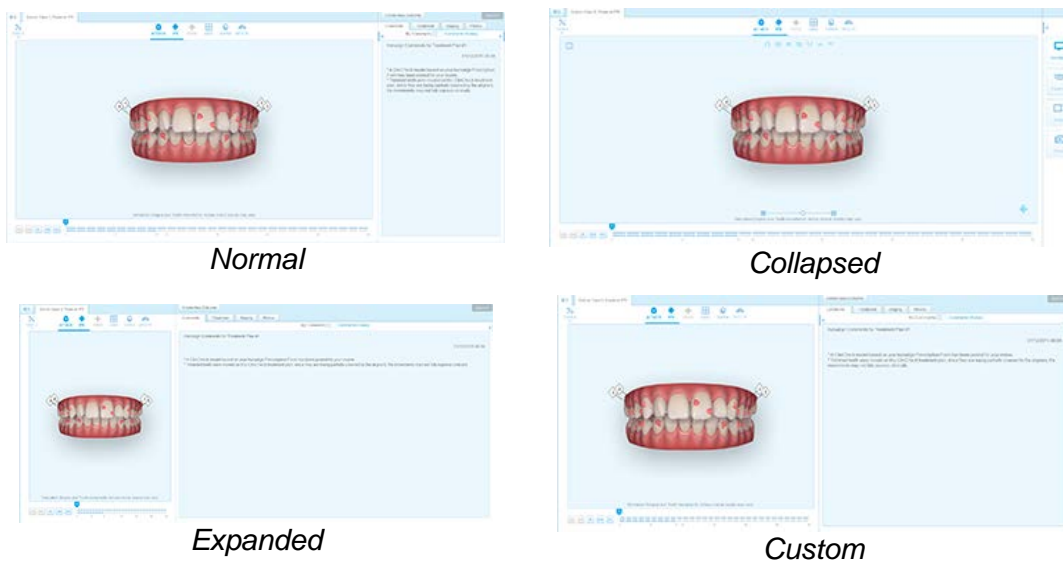


4. The Information Panel



4.1 Sizing the Information Panel

The Collapse and Expand buttons allow you to control the size of the Information panel. You can also customize the relative sizing of the 3D Display and Information Panel by clicking and holding on the boundary between the two panels and dragging to the desired size.



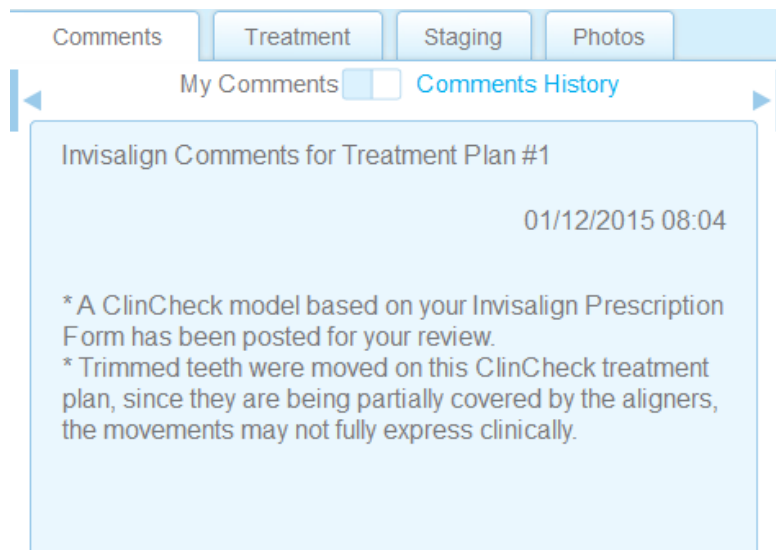
4.3 Comments Tab

The Comments tab provides a communication mechanism between the practitioner and Align. It is divided into two pages, My Comments and Comments History. The slider at the top of the tab toggles between the pages.

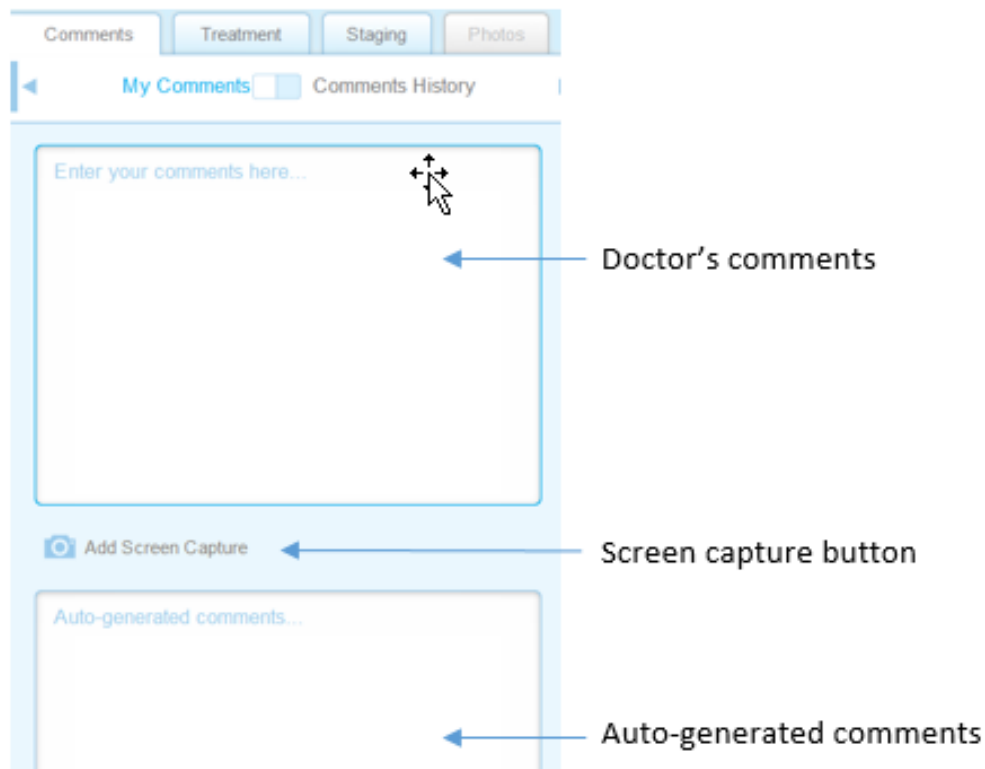
Comments History

This page contains comments from Align about the current treatment plan. Because this page captures a record of treatment history, ClinCheck Pro 5.0 software prevents you from altering this page.

When you first open a new ClinCheck plan, please review the comments from Align at the top of the Comments History.



My Comments

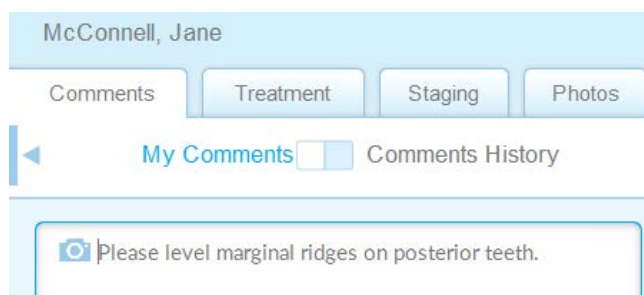


The top field contains comments that you add to request desired changes and save screen captures with instructions.

The bottom field of this page contains comments that are automatically generated by the ClinCheck Pro 5.0 software when using 3D controls. For example, when you adjust a tooth, ClinCheck Pro 5.0 software generates the comment "Tooth X adjusted."

Screen Capture

The Add Screen Capture button captures the current 3D model display. When you click on this button, a small camera icon appears in the doctor's comments area. Clicking on the camera icon will rotate the model to the view you saw when the comment was written, helping the technician to better understand your comments.

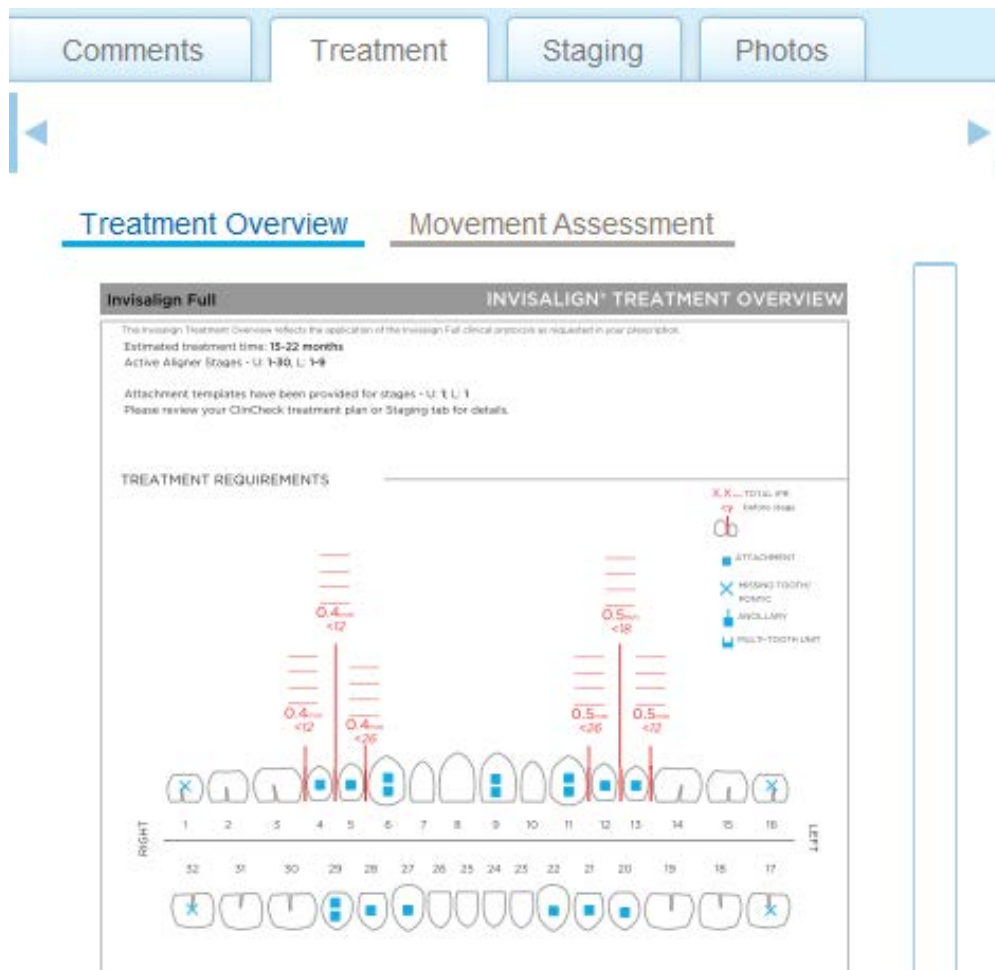


4.4 Treatment Tab

This tab has two pages, Treatment Overview and Movement Assessment, which can be selected by clicking on the underlined text. Use the scroll bar to see all of the information in the pages of the Treatment tab.

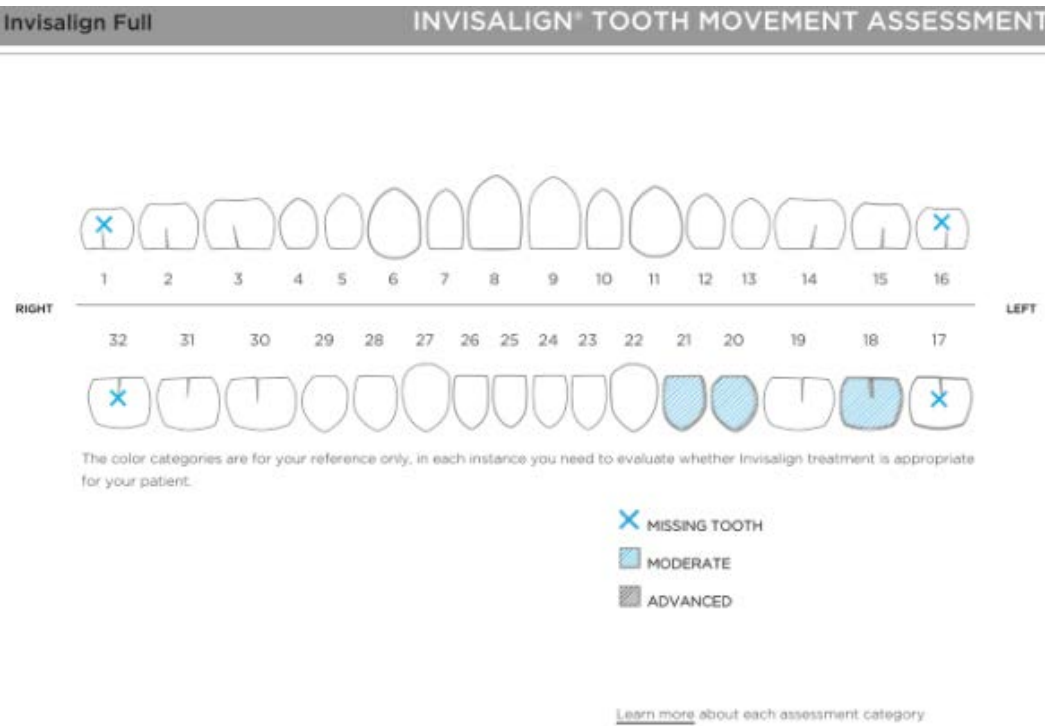
Treatment Overview

This page shows estimated treatment time, the upper and lower aligner numbers of the active stage, IPR requirements and aligner features.



Movement Assessment

This page identifies teeth that have large movements (blue and black as shown in the legend below) and shows the amount of movement triggering the assessment and the range of the assessment. Missing teeth are marked with an X.



TOOTH MOVEMENT ASSESSMENT				
Tooth	Assessment	Movement	Value	Range
18	Blue	Extrusion	0.7 mm	0.5 mm-1.0 mm
20	Blue	Extrusion	0.8 mm	0.5 mm-1.0 mm
21	Blue	Extrusion	0.7 mm	0.5 mm-1.0 mm
Upper Left Quadrant	Blue	A-P Correction	2.1 mm	2.0 mm-4.0 mm

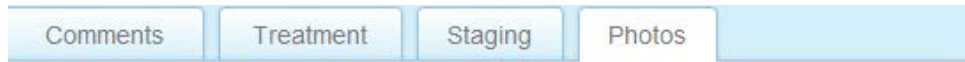
Staging Tab

The Staging tab provides a visual timeline of tooth movement in each of the stages of the Align treatment plan. It also shows when IPR has to be performed and when attachments have to be bonded and removed for each tooth. This information is very useful when scheduling office visits for your patient.



4.5 Photos Tab

The Photos tab contains patient photographs submitted by the doctor. It is important that you obtain all consents from patient required by law before submitting photographs to Align Technology.



Dentition images are linked to the corresponding ClinCheck view. For example, clicking on the upper jaw photo shown at left below brings up the upper jaw view of the 3D model shown on the right.



SECTION II. REVIEWING TREATMENT PLANS

ClinCheck Pro 5.0 software has a full range of features that allow you to review the treatment plan developed by your Align team, including:

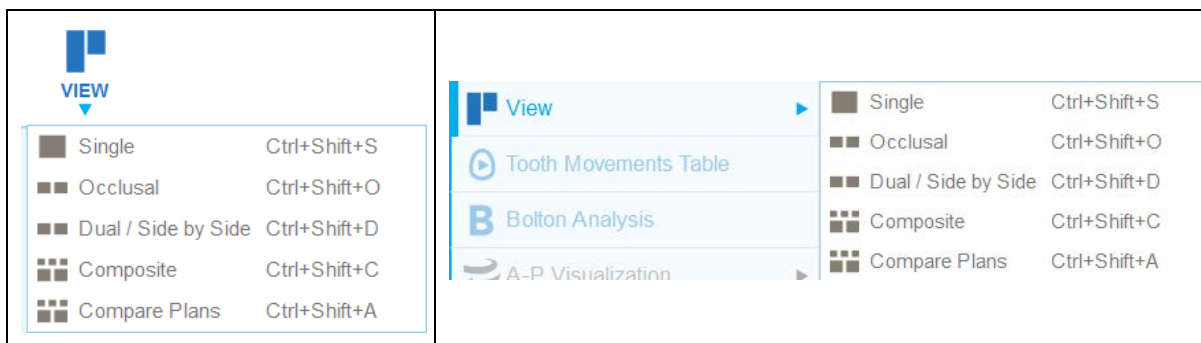
- Setting Up the View
- Using Tools
- Viewing Treatment Animations
- Sharing Information
- Finishing Your Evaluation

5. Setting Up the View





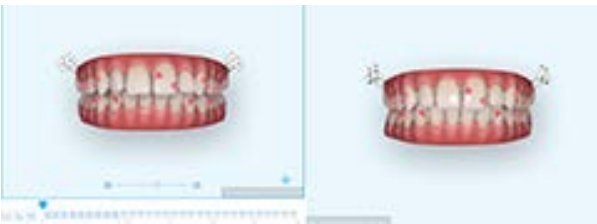
ClinCheck Pro 5.0 software gives you a wide range of control of the 3D model. Specifically, you can select a view mode, change the view, change the model size and perform other movements on the model.

5.1 View Mode

ClinCheck Pro 5.0 software offers five different modes for the 3D panel. To select the mode, click on the Views button on the Quick Access toolbar or the Tools dropdown menu as shown below.



3D View Modes

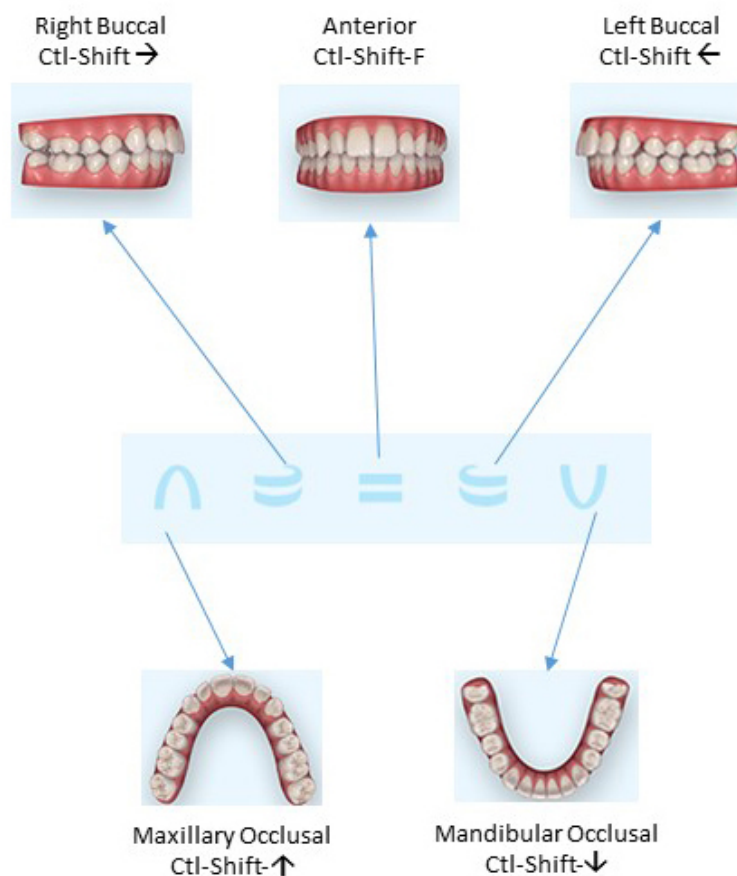
Mode	Shortcut: Ctrl+Shift	Description	3D Display
Single	S	Single 3D view of the current plan.	
Occlusal	O	Maxillary and mandibular occlusal views.	
Dual	D	Initial and final stages of the current treatment plan.	
Composite	C	Right and left buccal, anterior, and maxillary and mandibular occlusal views.	
Compare Plans	A	Compare two or more different plans, for example, Initial plan and new Additional Aligners plan	

5.2 Primary Views









ClinCheck Pro 5.0 software gives you five primary model views from which to choose. You select the desired view using the Primary View toolbar, which is located below the Quick Tools bar. The Primary View menu is visible whenever the cursor is inside the 3D model area.



The buttons on the Primary View toolbar have the following effect on the model view.



The anterior and buccal views can be modified to show only one jaw using the upper and lower jaw buttons. These two buttons are toggles: clicking once activates the single-jaw view and clicking again restores the both-jaws view as shown below.

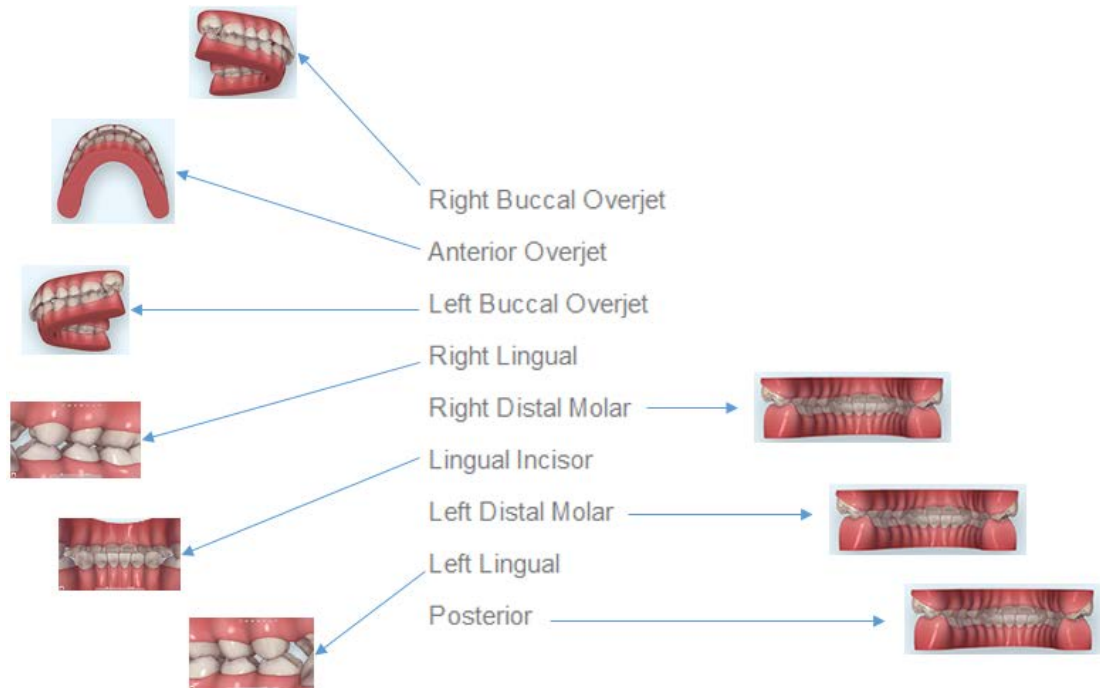
Native view		
		
		

5.3 Secondary Views

ClinCheck Pro 5.0 software also provides a set of secondary views. To access the Secondary Views submenu, right click anywhere in the 3D model area, then mouse over Secondary View to display the submenu. The secondary views are summarized in the graphic below.



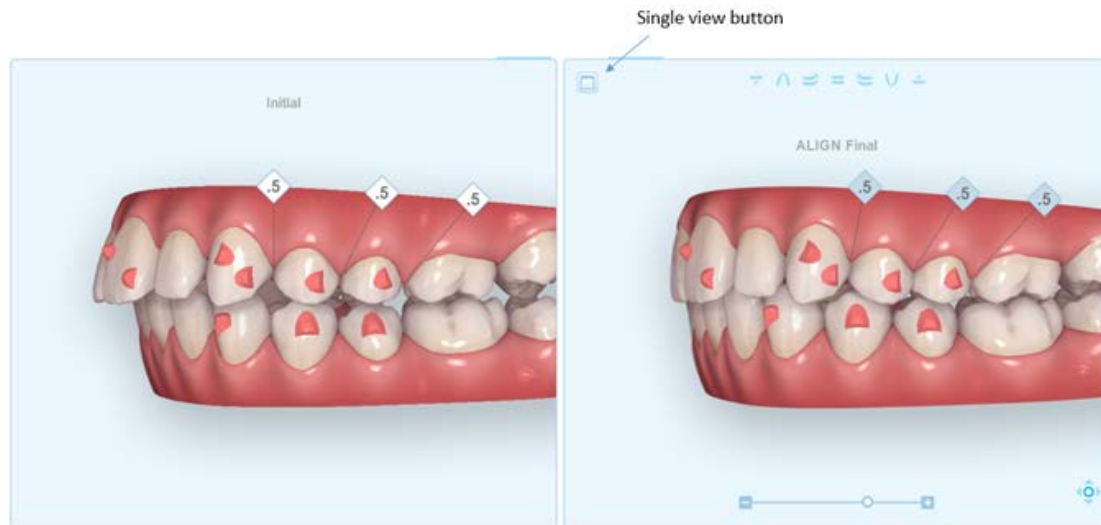
Secondary Views Menu



5.4 Side-by-Side/Dual View

ClinCheck Pro 5.0 software has the capability to show either 1) a single stage of the treatment plan, or 2) the initial and final stages side by side. Each mode has a button that returns the view to the other mode.

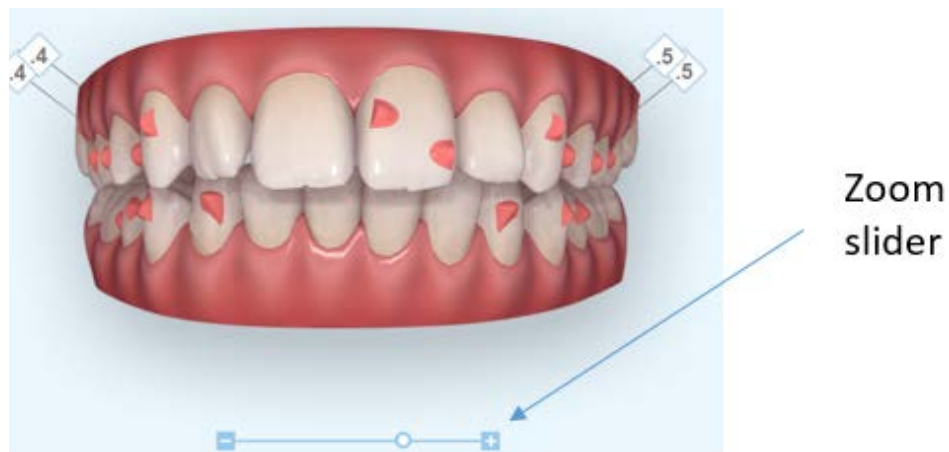


*Side-by-side view*



5.5 Model Size

ClinCheck Pro 5.0 software allows you to vary the zoom factor of the model using the Zoom slider shown below. You can also zoom by pressing the Control key and clicking and dragging with the mouse.

You set the default zoom factor – Small, Medium, Large and XL – using the Settings panel (see page 12).

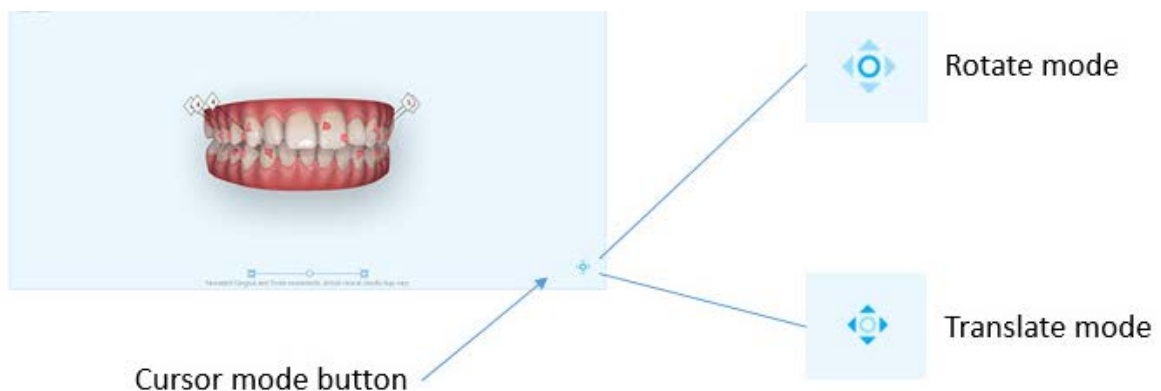


3D Display Zoom Factors

Zoom Factor	3D Display
Minimum	
Maximum	

5.6 3D Model Manipulations

ClinCheck Pro 5.0 software allows you to use cursor movements to rotate and translate the 3D model as needed for your analysis. The cursor function is controlled by the Cursor mode button located in the lower right corner of the 3D Display panel. The button works as a toggle between the two modes and the current mode is indicated as shown below.



Rotate

To rotate the model, first choose the Rotate (default) cursor mode. Then click and hold anywhere in the 3D Display panel, move the cursor to achieve the desired rotation and release the cursor. You can change the effect of the cursor movement – Free-Form, Simple or Precise – using the Settings panel (see page 13).

Translate

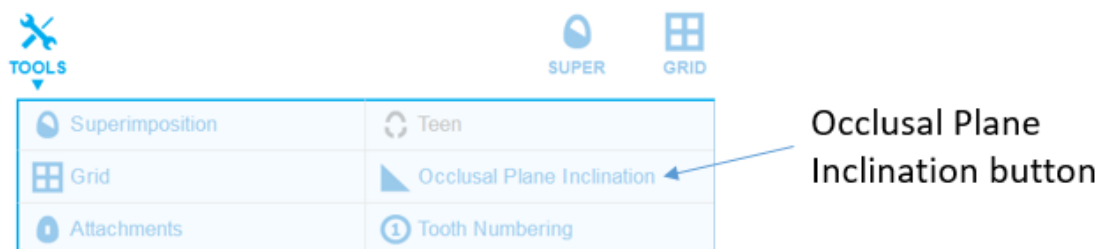
To translate the model, first chose the Translate cursor mode. Then click and hold anywhere in the 3D Display panel, move the cursor to move the model to the desired screen location and release the cursor.

Shortcuts

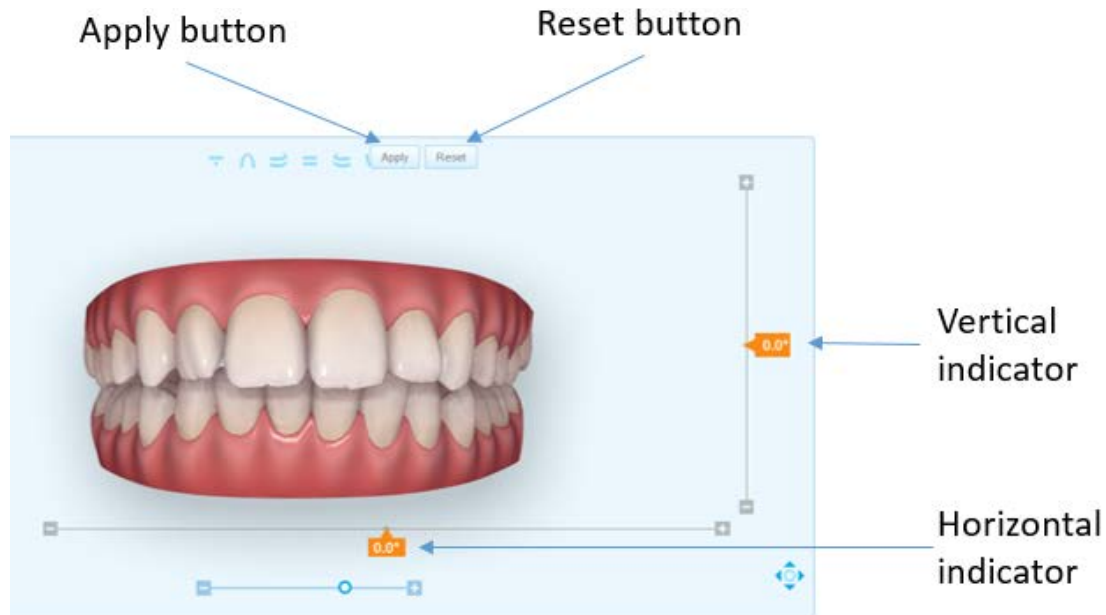
When in Rotate mode, you can momentarily switch to Translate mode by pressing the Shift key and clicking and dragging with the mouse. You can also zoom by pressing the Control key and clicking and dragging with the mouse.

6. Setting the Occlusal Plane Inclination

ClinCheck Pro 5.0 software provides the ability to match the 3D model orientation to the orientation of the patient's teeth using the Occlusal Plane Inclination tool, which is located on the Tools Dropdown menu as shown below. The occlusal plane inclination that you set is sent to Align for the current order.



When you activate the View Angle, the 3D Display panel displays horizontal and vertical axis and controls as shown below.



To change either angle, click and hold the indicator and drag to the desired angle between -30 and +30 degrees.

To set the angle, click the Apply button. The Anterior, Left Buccal and Right Buccal views will now be displayed at this angle. The value of the occlusal plane inclination is also stored with the current treatment plan for use by Align technicians.

To return to the original view (0 degrees), click Reset and Apply.

7. Using Tools

ClinCheck Pro 5.0 software provides a rich set of tools that allow you to fine-tune the visual information shown for the 3D model. You can activate any tool by clicking the icon in the Tools dropdown menu. In addition, you can activate commonly used tools using the Quick Tools bar. See page 19 for information about customizing the Quick Tools bar.

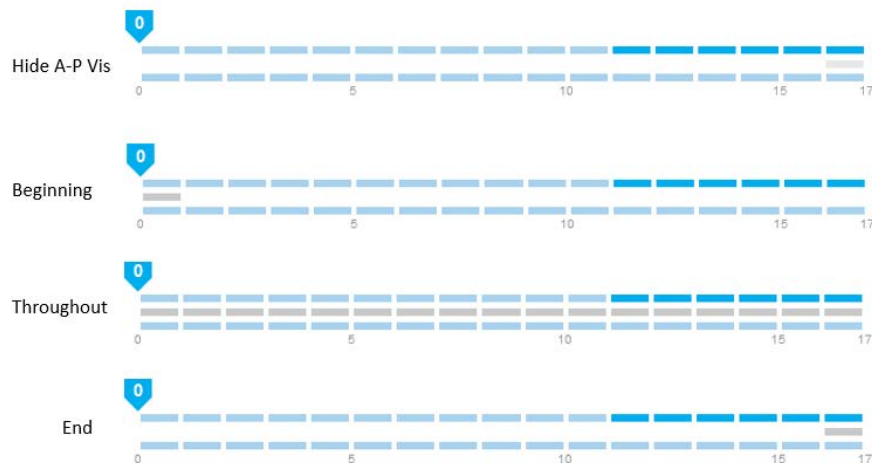
7.2 Anteroposterior Correction Visualization (AP-Vis) Tool

The A-P Vis button allows you to choose one of four options from the A-P Vis dropdown submenu.



- ☐ Hide A-P visualization
- ☐ At beginning of treatment
- ☐ Throughout treatment
- ☒ At end of active treatment




Each option changes the Stage indicator as shown below. The middle set of gray dashes show the stages with anteroposterior corrections.




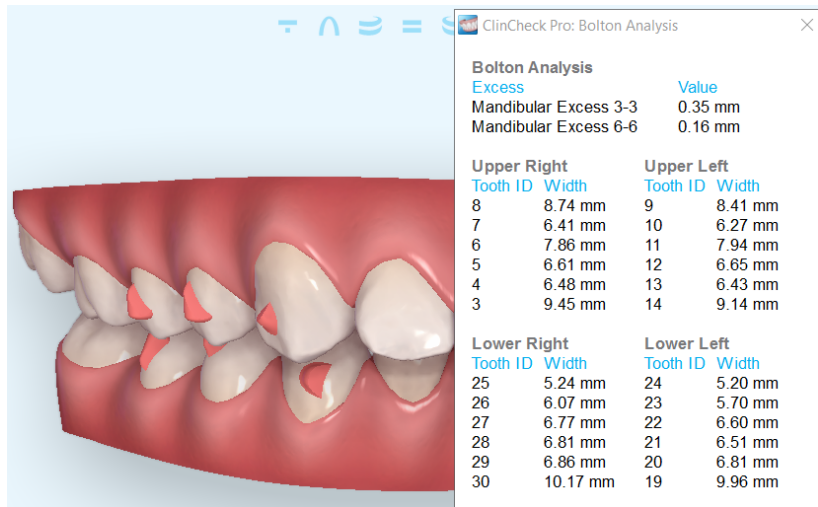
Visualization defaults:

- For surgical simulation, visualization at the end of treatment unless requested at the beginning of treatment when submitting the Rx Form.
- For correction with Class II or Class III elastics, visualization throughout the treatment, to simulate the simultaneous A-P and dental corrections. Please note that the number of stages needed to correct the A-P discrepancy doesn't necessarily correlate to the number of stages needed to align and level the teeth.


7.3 Attachments Tool

 ATTACH Shift-A	The Attachments tool displays or hides the attachments. Mouse over any attachment to see the attachment type.	
	 <i>Attachments displayed</i>	 <i>Tooltip on mouse over</i>




7.4 Bolton Analysis Tool

 BOLTON	The Bolton Analysis tool provides reference information about tooth size discrepancy that is useful for planning how to address tooth interdigitation and arch coordination. Note that the analysis is not automatically integrated into the treatment planning setup protocol but is provided for your assessment.																																																																												
	 <table border="1"> <thead> <tr> <th colspan="3">Bolton Analysis</th> </tr> <tr> <th>Excess</th> <th colspan="2">Value</th> </tr> </thead> <tbody> <tr> <td>Mandibular Excess 3-3</td> <td colspan="2">0.35 mm</td> </tr> <tr> <td>Mandibular Excess 6-6</td> <td colspan="2">0.16 mm</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Upper Right</th> <th colspan="2">Upper Left</th> </tr> <tr> <th>Tooth ID</th> <th>Width</th> <th>Tooth ID</th> <th>Width</th> </tr> </thead> <tbody> <tr><td>8</td><td>8.74 mm</td><td>9</td><td>8.41 mm</td></tr> <tr><td>7</td><td>6.41 mm</td><td>10</td><td>6.27 mm</td></tr> <tr><td>6</td><td>7.86 mm</td><td>11</td><td>7.94 mm</td></tr> <tr><td>5</td><td>6.61 mm</td><td>12</td><td>6.65 mm</td></tr> <tr><td>4</td><td>6.48 mm</td><td>13</td><td>6.43 mm</td></tr> <tr><td>3</td><td>9.45 mm</td><td>14</td><td>9.14 mm</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Lower Right</th> <th colspan="2">Lower Left</th> </tr> <tr> <th>Tooth ID</th> <th>Width</th> <th>Tooth ID</th> <th>Width</th> </tr> </thead> <tbody> <tr><td>25</td><td>5.24 mm</td><td>24</td><td>5.20 mm</td></tr> <tr><td>26</td><td>6.07 mm</td><td>23</td><td>5.70 mm</td></tr> <tr><td>27</td><td>6.77 mm</td><td>22</td><td>6.60 mm</td></tr> <tr><td>28</td><td>6.81 mm</td><td>21</td><td>6.51 mm</td></tr> <tr><td>29</td><td>6.86 mm</td><td>20</td><td>6.81 mm</td></tr> <tr><td>30</td><td>10.17 mm</td><td>19</td><td>9.96 mm</td></tr> </tbody> </table>		Bolton Analysis			Excess	Value		Mandibular Excess 3-3	0.35 mm		Mandibular Excess 6-6	0.16 mm		Upper Right		Upper Left		Tooth ID	Width	Tooth ID	Width	8	8.74 mm	9	8.41 mm	7	6.41 mm	10	6.27 mm	6	7.86 mm	11	7.94 mm	5	6.61 mm	12	6.65 mm	4	6.48 mm	13	6.43 mm	3	9.45 mm	14	9.14 mm	Lower Right		Lower Left		Tooth ID	Width	Tooth ID	Width	25	5.24 mm	24	5.20 mm	26	6.07 mm	23	5.70 mm	27	6.77 mm	22	6.60 mm	28	6.81 mm	21	6.51 mm	29	6.86 mm	20	6.81 mm	30	10.17 mm	19
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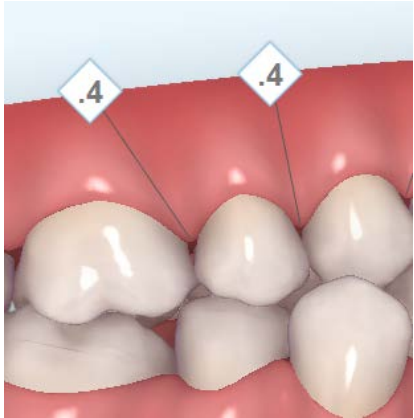
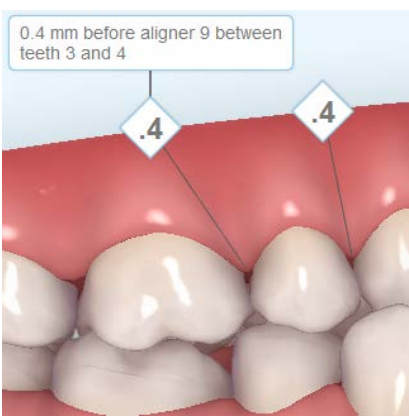
7.5 Export Tool

	<p>The Export tool allows you to share treatment plans with your patients, export movies and screenshots and export STL files (see page 46).</p>
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7.6 Grid Tool

 <p>Shift-G</p>	<p>The Grid tool toggles the display of a measurement grid. When the grid is on, the view is flattened to facilitate accurate measurements</p>	
	 <p>Grid Off</p>	 <p>Grid On</p>


7.7 IPR Tool

 <p>Shift-I</p>	<p>The IPR tool toggles the display of IPR values. When IPR values are displayed, you can mouse over the triangle to see more information.</p>	
	 <p>IPR Displayed</p>	 <p>Tooltip</p>

IPR Colors

Color	Example	Meaning
White		IPR to be performed in future stages.
Yellow		IPR to be performed in the current stage.
Gray		IPR that should have been performed in a previous stage.





7.8 Occlusal Contacts Tool



OCCLUS

Shift-C

The Occlusal Contacts Tool has two functions, which are selected from the dropdown menu shown below.







Show Occlusal Contacts Shift+C


Resolve Heavy Occlusal Contacts

When you are reviewing the Align treatment plan, only Show Occlusal Contacts is available. Click on this item to toggle the display of occlusal contract in the initial and final stages only. See below for a typical display.


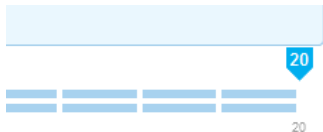
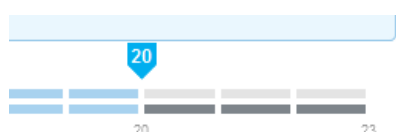
The red up and down arrows indicate the presence of heavy occlusal contacts. When you create a new treatment plan, Resolve Heavy Occlusal Contacts is available. See page 63 for more information about using this option.






7.9 Occlusal Plane Inclination Tool

	<p>The Occlusal Plane Inclination tool is described in detail under Setting the Occlusal Plane Inclination on page 34.</p>
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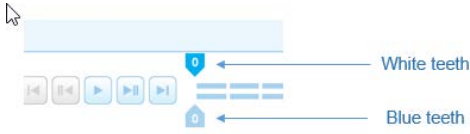
7.10 Overcorrection Tool

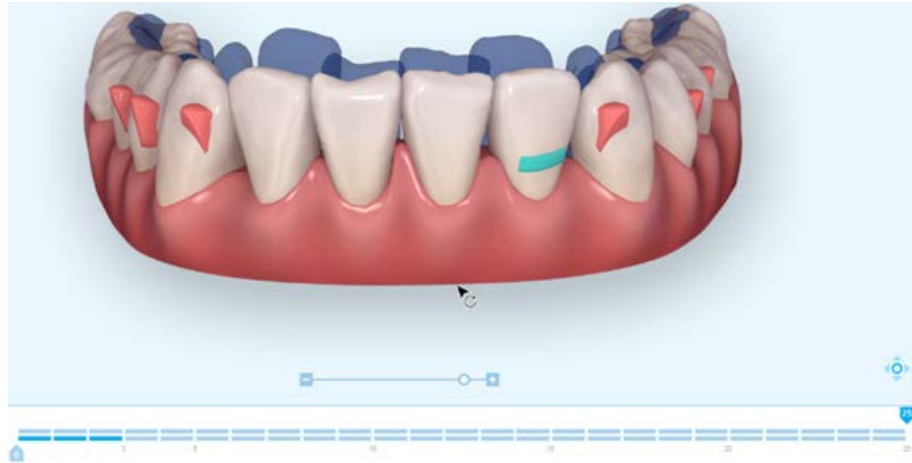
 Shift-O	<p>The Overcorrection tool toggles the visualization of three additional stages as specified by the doctor. Movements prescribed in these stages are optional, for example, virtual c-chain to tighten contacts at the end of treatment.</p>	
	 Off	 Additional overcorrection stages

7.11 Pontic Tool

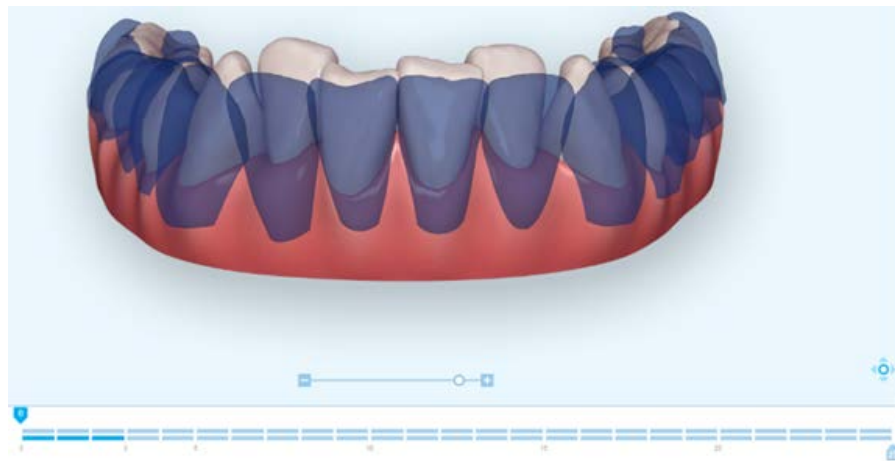
 Shift-F	<p>The Pontic tool toggles between showing and hiding the pontics in the 3D model.</p>	
	 Show pontics	 Hide pontics

7.12 Superimposition Tool

 SUPER <i>Shift-S</i>	<p>The Superimposition tool allows you to visualize the relative movements of teeth from one stage to another. The ClinCheck Pro 5.0 software superimposition functions shows tooth movements along the viewing axis, that is, forward or backward from the viewer's perspective. The view is controlled by the two sliders shown below. The blue color is translucent, so white teeth movements behind blue teeth are visible.</p>  <p>Guidelines for using the Superimposition tool:</p> <ul style="list-style-type: none">• Method 1: Set the bottom slider to the reference stage, then drag the top slider to the (later) evaluation stage. White teeth are moving towards viewer. The translucent blue teeth are not visible, except for their edges, if applicable.• Method 2: Set the top slider to the reference stage and the bottom for the evaluation stage as shown on bottom right. Now the white teeth are moving away from viewer; the translucency allows you to see both and visualize the differences.• Vertical movements can also be managed in the same manner as horizontal movements to create the best visual superimposition to evaluate the movements.


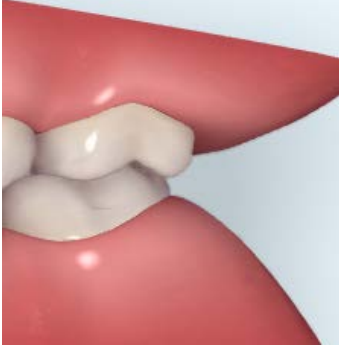
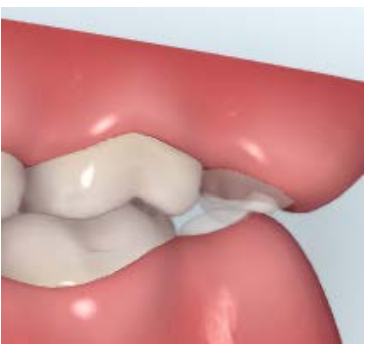


White Teeth Moving toward the Viewer




White Teeth Moving away from the Viewer

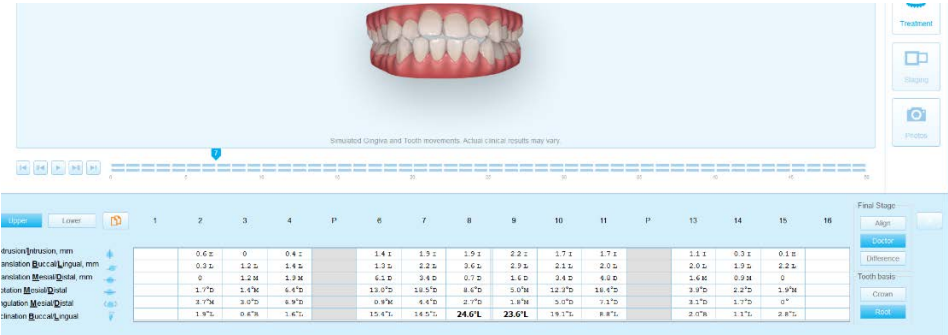
7.13 Teen Tool

 <i>Shift-T</i>	The Teen tool controls the visibility of eruption features for pre-teen and teenage patients.	
	 Off	 On

7.14 Tooth Movements Table Tool




The Tooth Movements Table tool displays all the movements programmed for each tooth. Movement can be displayed based on the center of the crown or the virtual root apex by selecting the Tooth Basis buttons. When using 3D controls, the additional functionality of the Align, Doctor and Difference buttons supports detailed evaluations.

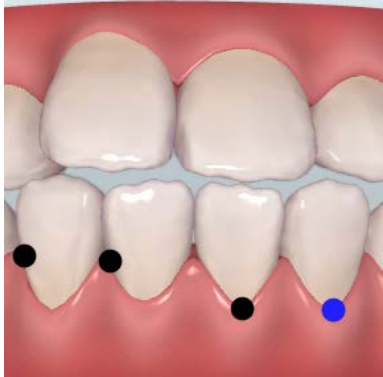


	1	2	3	4	P	6	7	8	9	10	11	P	13	14	15	16
translation/translation, mm	0.6 ±	0	0.4 ±			1.4 ±	1.9 ±	1.9 ±	2.2 ±	1.7 ±	1.7 ±		1.1 ±	0.3 ±	0.1 ±	
rotation/Buccal/Lingual, mm	0.3 ±	1.2 ±	1.4 ±			1.2 ±	2.2 ±	2.4 ±	2.3 ±	2.1 ±	2.0 ±		2.0 ±	1.9 ±	2.2 ±	
translation/Mesial/Distal, mm	0	1.2 ±	1.3 ±			0.1 ±	3.4 ±	0.7 ±	1.6 ±	3.4 ±	4.8 ±		1.4 ±	0.9 ±	0	
rotation/Mesial/Distal	1.7°	1.4°	6.4°			13.0°	18.5°	8.4°	5.0°	12.3°	16.4°		3.9°	2.2°	1.9°	
rotation/Mesial/Distal	3.1°	3.0°	6.9°			0.9°	4.4°	2.7°	1.8°	3.0°	1.3°		3.1°	1.7°	0°	
rotation/Buccal/Lingual	1.9°	0.4°	1.4°			15.4°	14.5°	24.6°	23.6°	19.1°	8.8°		2.0°	1.1°	2.8°	

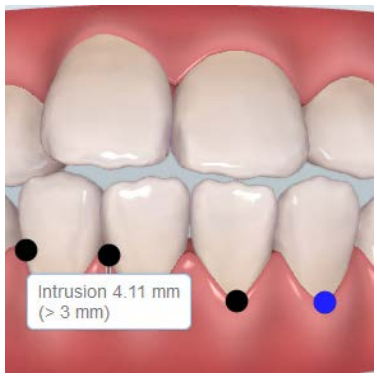
7.15 Tooth Movement Assessment (TMA) Tool



The Tooth Movement Assessment (TMA) tool shows larger tooth movements that could be more difficult to achieve in the treatment. Blue dots indicate moderate movements, while black dots show advanced movement. These assessments are also shown in the Treatment tab of the Information panel (see page 23).






On




















Tooltip

7.16 Tooth Numbering Tool

 NUM <i>Shift-N</i>	<p>The NUM button toggles the display of tooth numbers on the 3D model. When pontics are displayed, they are marked with a P.</p> <p>To change the default numbering system – Universal, Palmer or Federation Dentaire Internationale – go to the clinical preferences section of the Invisalign Doctor Site</p>	
	 Off	 On

7.17 View Tool

 VIEW  <i>Shift-V</i>	<p>The View tool displays a gallery of primary views as shown below. For more information, see Setting Up the Display starting on page 27.</p>															
	<table border="1"> <tbody> <tr> <td></td><td>Single</td><td>Ctrl+Shift+S</td></tr> <tr> <td></td><td>Occlusal</td><td>Ctrl+Shift+O</td></tr> <tr> <td></td><td>Dual / Side by Side</td><td>Ctrl+Shift+D</td></tr> <tr> <td></td><td>Composite</td><td>Ctrl+Shift+C</td></tr> <tr> <td></td><td>Compare Plans</td><td>Ctrl+Shift+A</td></tr> </tbody> </table>			Single	Ctrl+Shift+S		Occlusal	Ctrl+Shift+O		Dual / Side by Side	Ctrl+Shift+D		Composite	Ctrl+Shift+C		Compare Plans
	Single	Ctrl+Shift+S														
	Occlusal	Ctrl+Shift+O														
	Dual / Side by Side	Ctrl+Shift+D														
	Composite	Ctrl+Shift+C														
	Compare Plans	Ctrl+Shift+A														

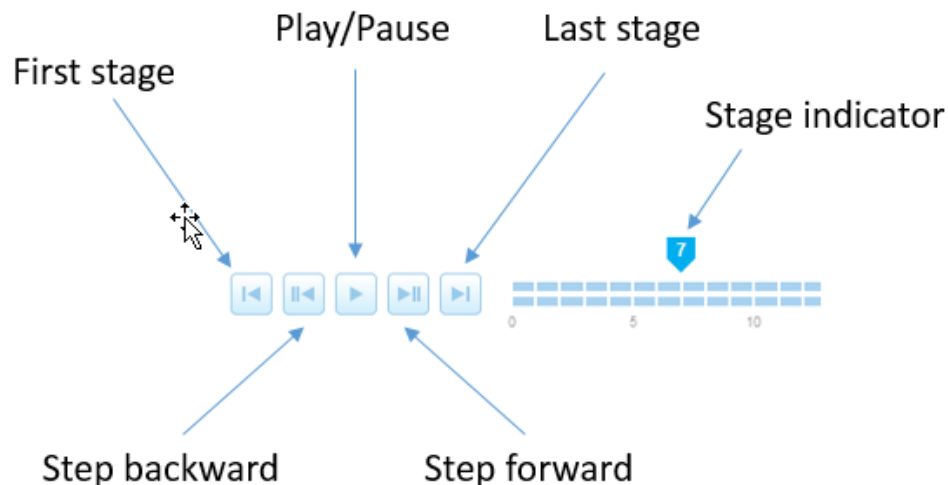
8. Viewing Treatment Animations

You can play an animation of the ClinCheck treatment plan using the Animation Control Bar to show tooth movement from the initial stage to the final tooth position.

A stage is a discrete step in a ClinCheck treatment plan to accomplish a specified tooth movement for one or both arches. Each stage of tooth movement corresponds to an aligner set that will be manufactured for your patient.

One 3D model depicts the tooth position for each stage. Viewed in sequence, the series of images creates a 3D animation of tooth movement from beginning to end.

The functions of the buttons on the Animation Control Bar are shown below.



Clicking on the Play/Pause button causes the animation to play from the current stage (as shown by the Stage indicator) to the final stage of the treatment.

You can also view the movements step by step using the Step Backward and Step Forward buttons. Each click moves the animation one stage.

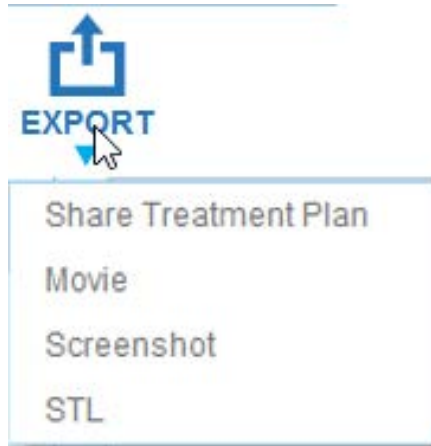
You can go to a specific stage by grabbing and dragging the Stage slider or by clicking on the timeline.

Note that the animation playback works with any display mode (see page 27).

9. Sharing Information

ClinCheck Pro 5.0 software provides capabilities for sharing treatment plans, movies and still images with colleagues and patients using the Export button. You can also export the model information as a stereolithography file (STL format).

Click on the Export button to display the dropdown menu shown below.



9.1 Sharing Treatment Plans

To share Align 3D treatment plan with patients via email:

- Choose **Export Treatment Plan** from the Export Menu.
- Provide the necessary information:

EMAIL TO: The patient's email address. Check the Copy Me box if you'd like to receive a copy.

SHOW: Choose the information to be shared: Attachments, cuts, IPR/spaces, and pontics.

INCLUDE OTHER INFORMATION: You can optionally include your contact information.

You must check the box indicating that you have read the HIPAA warning statement. The statement is shown in the figure below.

Email To

Recipient/
Recipients

☐ Copy me

Show

☐ Attachments / Bite Ramps / Power Arms

☐ Cuts

☐ IPR / Spaces

☒ Pontics

☐ Include Other Information

Doctor Name

Doctor Phone Number

Doctor Website

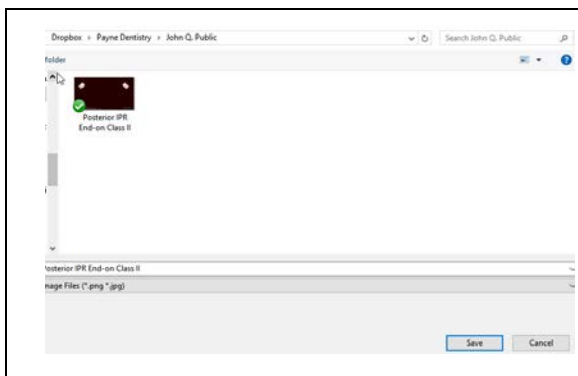
Other Comments

I understand that the information accessible herein may contain sensitive personally identifiable information that may be protected under the data protection laws and rules such as the U.S. Health Insurance Portability and Accountability Act ("HIPAA"), state data breach laws, EU directive 95/46/EC, professional ethics, and accreditation requirements, and others. By providing my patient's email address, I confirm that my patient has consented to receiving the video simulation directly from Align Technology.

☐

Cancel Share

9.2 Exporting Screenshots



To share a screenshot in PNG format:

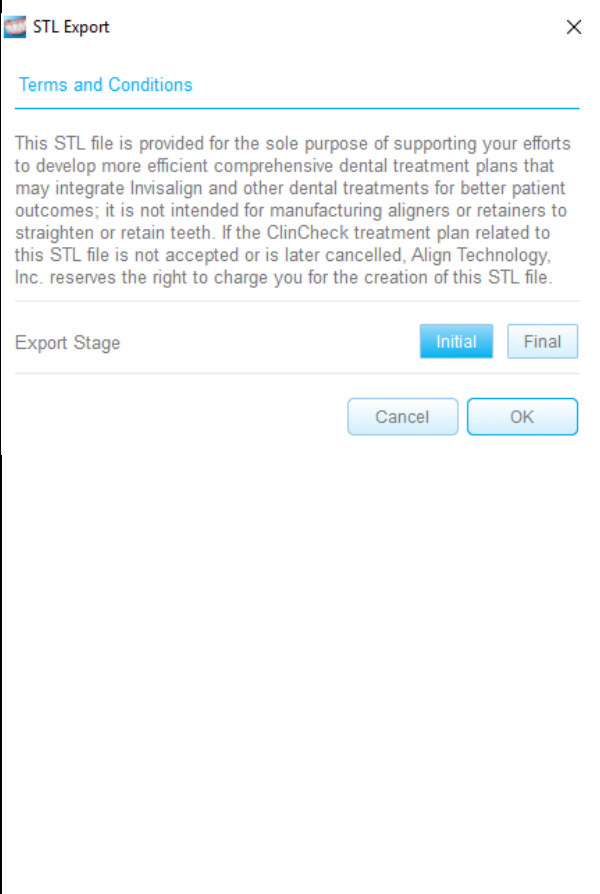
- Choose Screenshot from the Export Menu. A dialog box prompts you for the location to save the screenshot.

When you click Save, the export process begins.

9.3 Exporting Movies

	<ul style="list-style-type: none"> • Choose Movie from the Export Menu. A dialog box appears as shown. • Set the desired values: <ul style="list-style-type: none"> ○ View ○ Speed ○ Quality • Choose to display or hide the doctor information using the Show Doctor Info checkbox. For information on setting the doctor information, see page 15. • Choose to display custom information using the Custom checkbox. You can enter up to 35 characters in this field.
	<ul style="list-style-type: none"> • When you have finished setting values, click OK. A dialog box prompts you to save the movie in AVI format. • When you click Save, the export process begins.

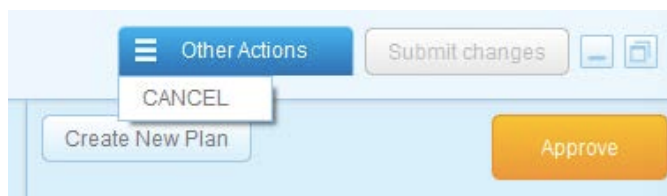
9.4 Exporting STL Files

	<p>To export stereolithography (STL) files:</p> <ul style="list-style-type: none"> • Choose STL from the Export Menu. • Read the Terms and Conditions in the dialog box as shown at left. • Select the INITIAL or FINAL stage of the treatment plan. The INITIAL option is always selected by default. • Click OK to save the STL file to your preferred file location. <p>Only teeth and gingiva are exported to the STL file. Other objects which can be placed on teeth are not exported (such as Attachments, Bite Ramps, Power Arms, Precision Cuts). Virtual geometry, pontics, and IPR/space flags are also not included in STL files.</p>
--	---

10. Finishing Your Evaluation

Once you have evaluated the plan against your clinical objectives, you have three options:

- Approve the plan using the Approve button. This action initiates the manufacturing process for your aligners. If you later need to modify or cancel an aligner order, contact Customer Care.
- Cancel the case using the Other Actions → Cancel button as shown below.

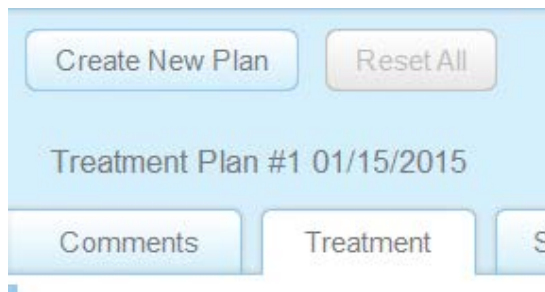


- Create a new plan with a different outcome and submit the plan to Align. Section III below describes the process for creating a new plan.

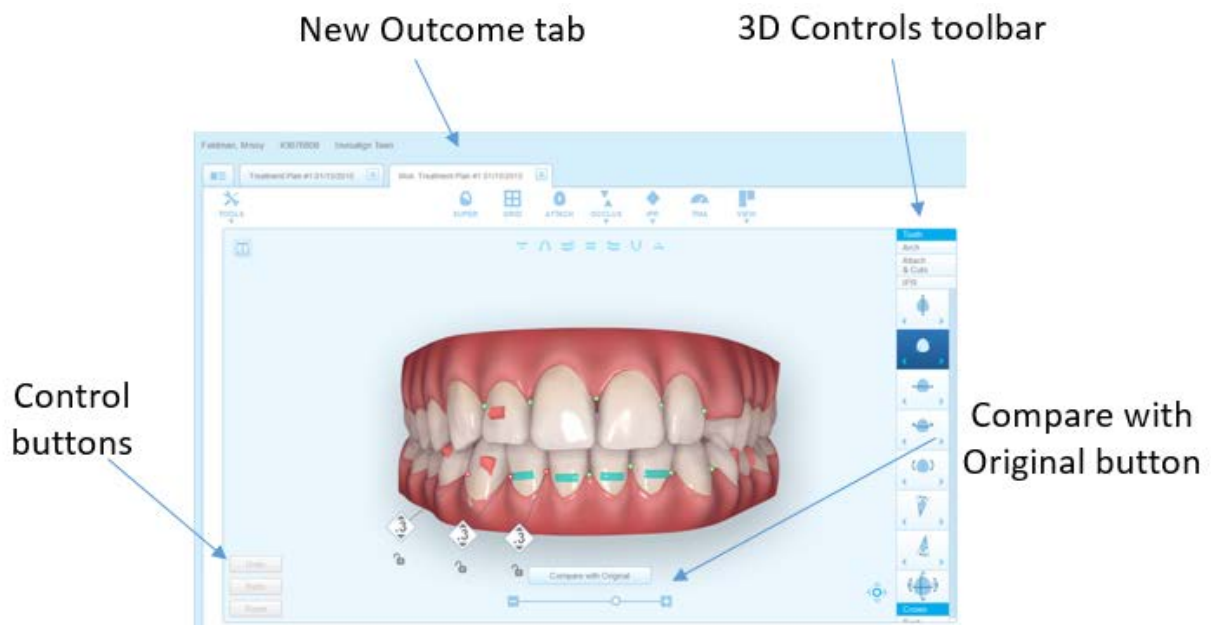
SECTION III. CREATING NEW PLANS

11. Starting a New Plan

To begin the process, click the Create New Plan button. The button is located at the top of the Information panel as shown below.



The ClinCheck Pro 5.0 software creates a new tab as shown below.



11.1 Modification (Mod) Tab

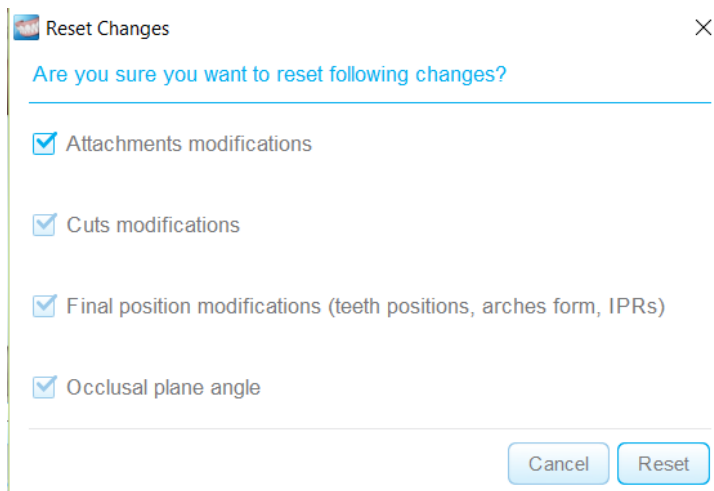
The New Outcome tab contains a copy of the Align treatment plan, which forms the starting point for your modifications. The name is generated by prefixing “Mod” onto the name of the Align treatment plan as shown below.



11.2 Control Buttons

These buttons allow you to Undo and Redo edits and to reset the outcome to the original Align treatment plan:

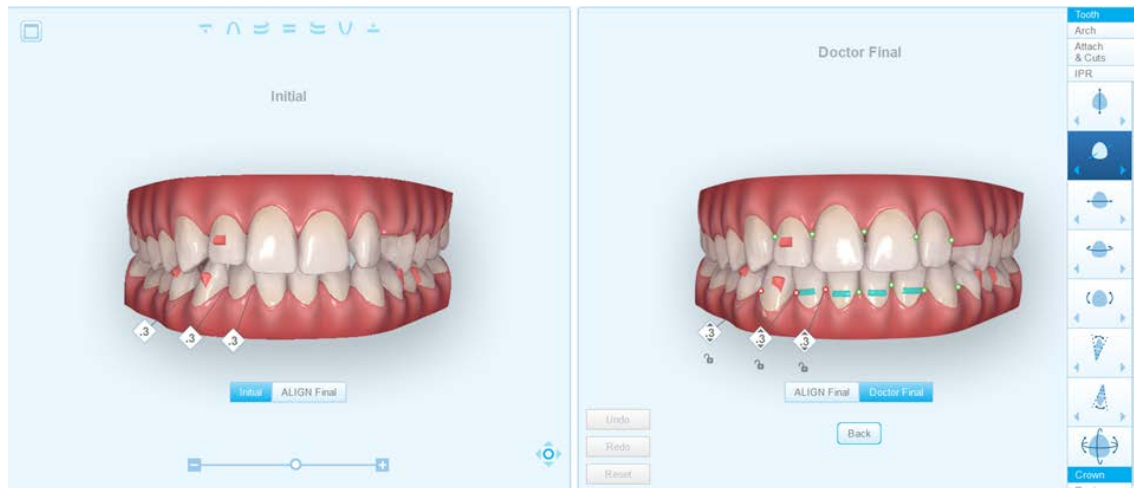
- The Undo button reverses the previous action.
- The Redo button restores the previous action
- The Reset button allows you to reset some or all aspects of the modifications to the original state using the pop-up box shown below.



11.3 Compare with Original button

When you mouse over the Compare with Original button, the 3D display changes from the current final position of the teeth to the initial position of the teeth to visually assess what is moving and how.

Clicking the button creates a side-by-side display showing the Align plan on the left and your proposed outcome on the right as shown below. Toggling the Initial, ALIGN Final, and Doctor Final buttons under the models allows you to compare the initial malocclusion to the Align plan, the initial malocclusion to your new plan, and the Align plan to your new plan.



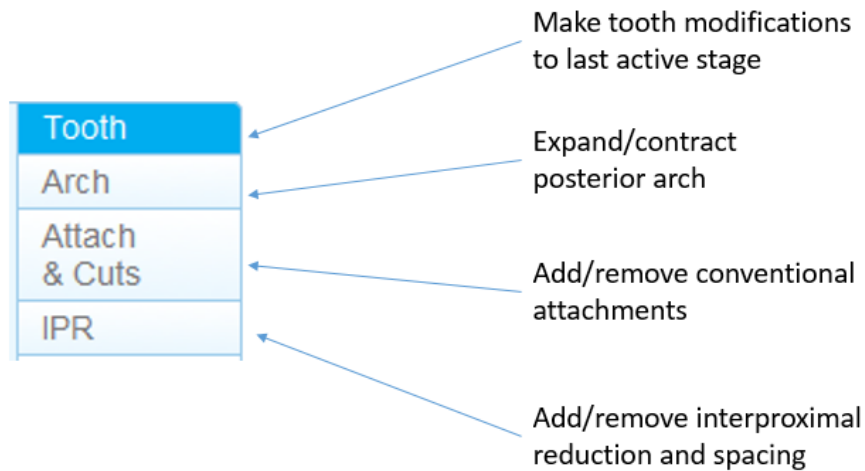
You can also compare views by clicking on the small icon on the upper left of the 3D area as shown below.



11.4 3D Controls Toolbar

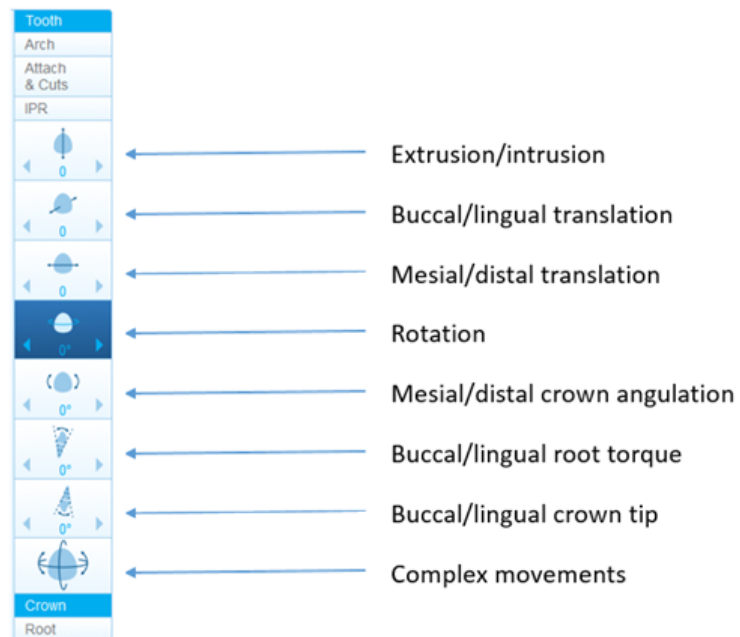
These tools allow you to make adjustments that show the technicians your desired modifications to the Align treatment plan.

The first four cells of the 3D Controls toolbar provide access to the four options as shown below. Each option is described in a separate subsection.

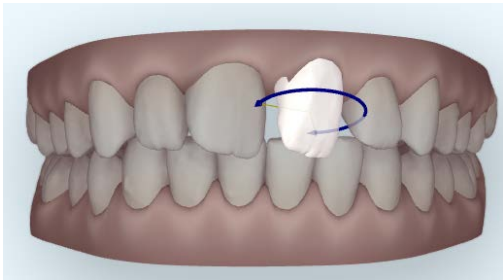
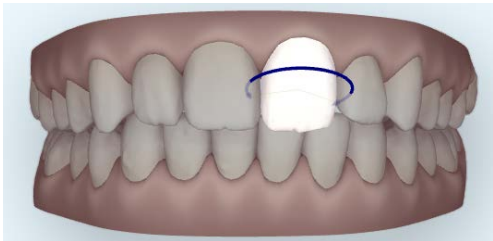
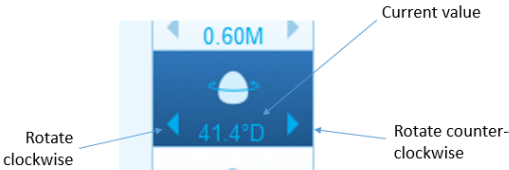


12. Modifying Tooth Positions

The Tooth option presents a set of tools that give you precise control of tooth movements in a wide range of orientations. Click on the Tooth button at the top of the 3D Controls toolbar to display the menu shown below. Choose either Crown or Root

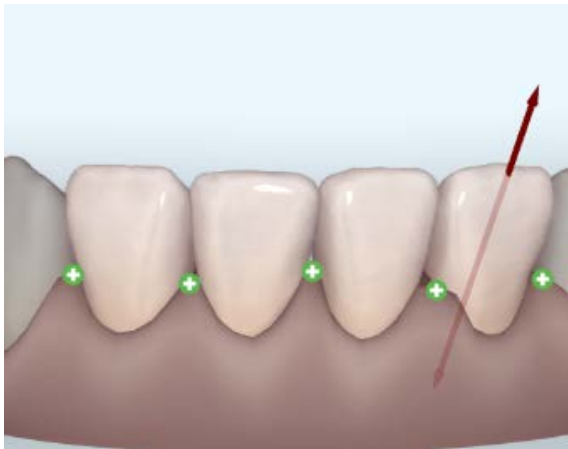


12.1 Changing a Single Tooth

	<ul style="list-style-type: none"> • Select the desired tool from the Tooth options. The selected tool is shaded as shown above for Rotation. • Select the tooth to be modified. The tooth turns white while the rest darken and a symbol appears indicating the selected operation. In the examples below, Rotation is selected.
	<ul style="list-style-type: none"> • Use the cursor to drag the tooth along the indicated axis.
	<ul style="list-style-type: none"> • You can also fine tune the movement applied in very small increments by clicking on the arrows beside the selected icon on the toolbar as shown at left. The current value of total movement applied is continuously updated as you click

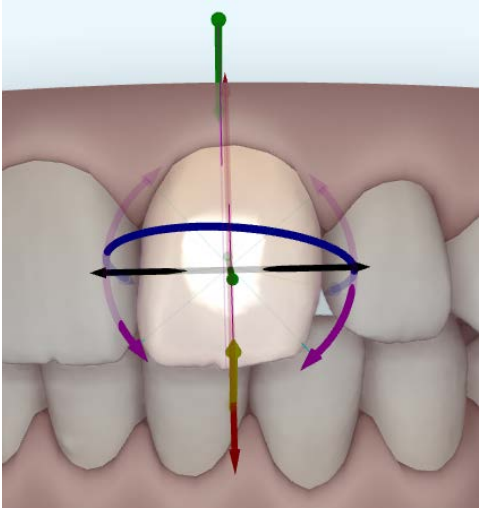
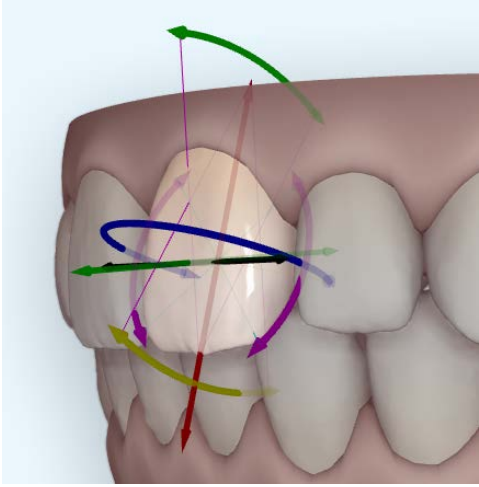
12.2 Working with Multiple Teeth

ClinCheck Pro 5.0 software allows you to select multiple teeth, which then form a set that receives the same modifications simultaneously.

	<ul style="list-style-type: none"> • Select the first tooth as described above. • While holding down Ctrl, click on additional teeth to add to the selection. Note that the modification handles move to the most recently selected tooth. Any modifications you make will be equally applied to both teeth. • Deselect any selected tooth by holding down Ctrl and clicking again.
---	--

12.3 Making Complex Movements

ClinCheck Pro 5.0 software provides a complex movements tool that allows you to make multi-axis movements without having to switch between individual tools:

	<ul style="list-style-type: none">• Click on the Complex Movements tool.• Select the tooth (teeth) to be modified. The movement axes are displayed as shown at left.
	<ul style="list-style-type: none">• Move the tooth in the desired direction by dragging the associated handle. It may be helpful to zoom in and rotate the view to access the desired handle.

12.4 Locking Tooth Positions

You have two options for locking a tooth position:

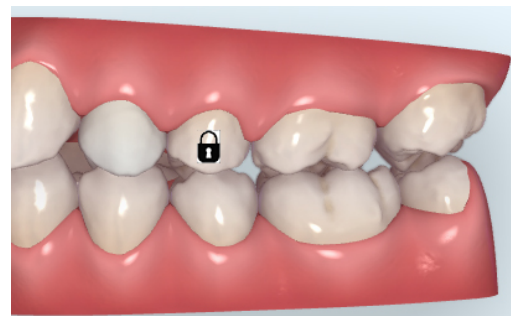
- Make the tooth unmovable for the duration of the treatment. This option usually applies to crowns, implants and ankylosed teeth. If the tooth had already been moved, making the tooth unmovable will reset the tooth to its original position.
- Lock the tooth while modifying adjacent teeth.

To select either option:

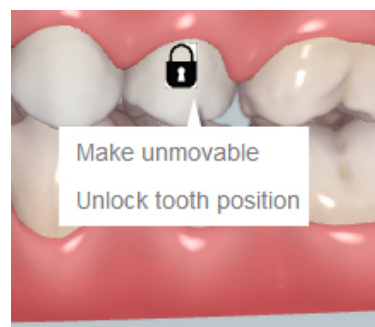
- Right click on the tooth. A menu appears as shown.



- Select the desired option. The tooth status is displayed upon mouseover as shown below for unmovable (left) and locked (right). Note that the cursor displays a red circled X when mousing over unmovable teeth.

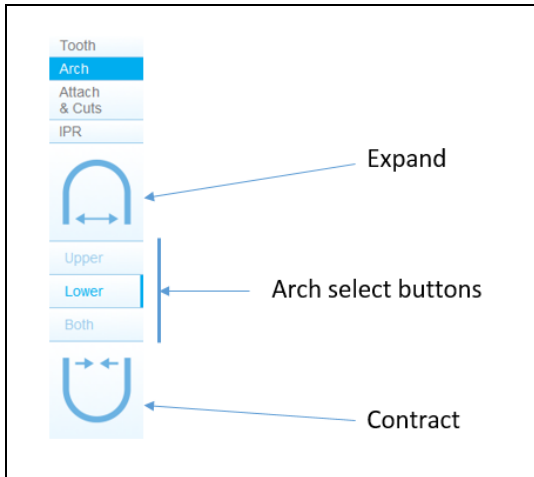


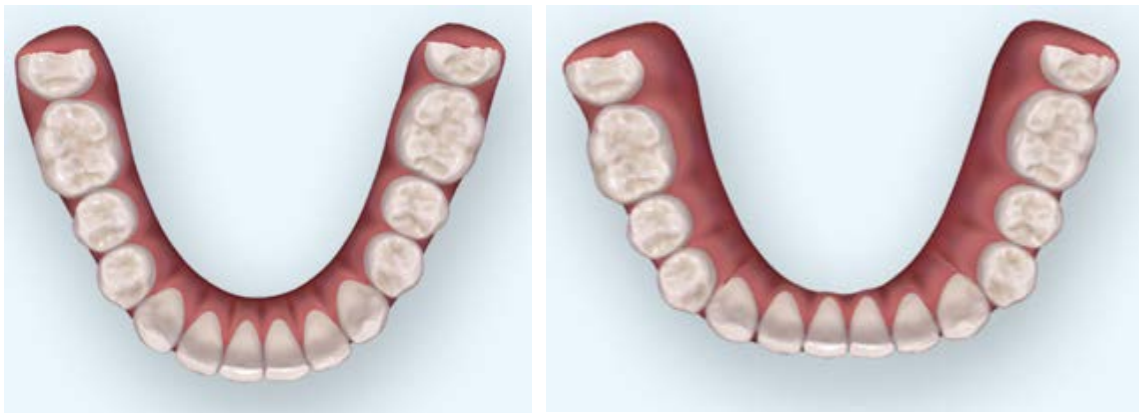
- To unlock the tooth, right click again. Choose the unlocking option.



13. Modifying the Posterior Arch

ClinCheck Pro 5.0 software allows you to expand and contract the posterior arch. Click on the Arch button at the top of the 3D Controls toolbar to display the menu shown below.

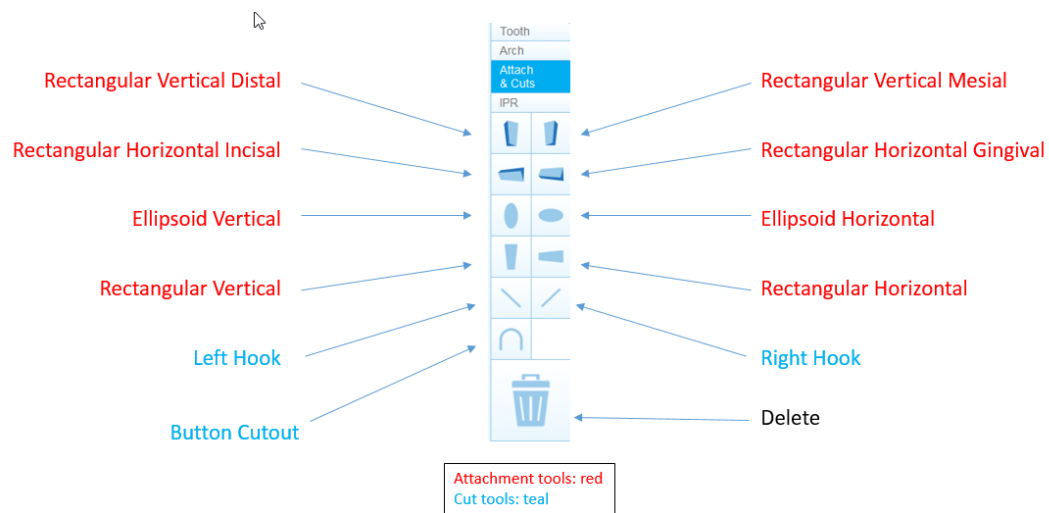
	<p>To modify the posterior arch:</p> <ul style="list-style-type: none">• Select Upper, Lower or Both.• Click on Expand or Contract. The arch moves in the selected direction with each click.
---	--



Lower arch expansion, before and after (exaggerated to show effect)

14. Managing Attachments & Cuts

ClinCheck Pro 5.0 software allows you to add and remove attachments and cuts. Click on the Attach & Cuts button at the top of the 3D Controls toolbar to display the menu shown below.

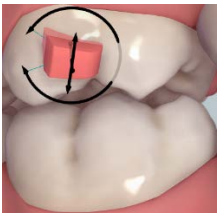
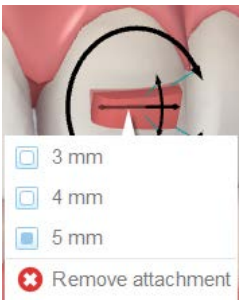


14.1 Adding Attachments & Cuts

	<ul style="list-style-type: none"> Position the view for the best working angle.
	<ul style="list-style-type: none"> Click and drag the attachment or cut to the desired location, then release.
	<ul style="list-style-type: none"> To identify attachments that you have added, mouse over any attachments. Added attachments display the message shown at left.

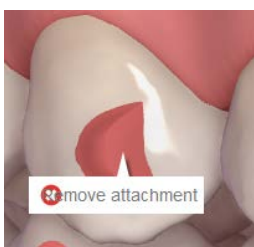
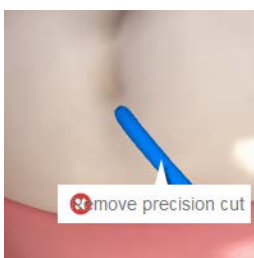

14.2 Adjusting Attachments

You can change the orientation and size of attachments that you add. Added precision cuts are fixed and cannot be adjusted.

	<ul style="list-style-type: none"> To adjust the orientation of the attachment, click and drag the handles
	<ul style="list-style-type: none"> To adjust the size of the attachment, click on the attachment and choose the desired size.

14.3 Removing Attachments and Cuts

There are two ways to remove attachments and cuts:

		<ul style="list-style-type: none">Method 1: Click on the attachment or cut, then click the “remove” message.
	<ul style="list-style-type: none">Method 2: Drag the attachment or the precision cut to the trash can.	

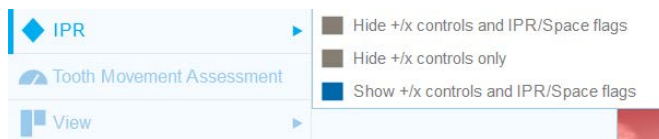
15. Adjusting IPR and Spacing

The 3D IPR tool provides three options for managing interproximal reduction as shown below.

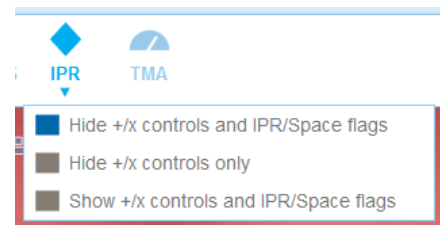
<div> <div> Tooth Arch Attach & Cuts IPR Auto Adjust Keep Current No IPR </div> </div>	<ul style="list-style-type: none"> • Auto Adjust: ClinCheck automatically adds, removes, increases and decreases IPR when teeth are adjusted. • Keep Current: The IPR prescriptions are maintained when teeth are adjusted. • No IPR: All existing IPR is removed and IPR will not be added when teeth are adjusted.
---	---

15.1 IPR Tool Visualization Options

In the New Plan tab, the IPR tool has a dropdown menu in both the Tools dropdown menu and the Quick Tools bar.



Tools dropdown

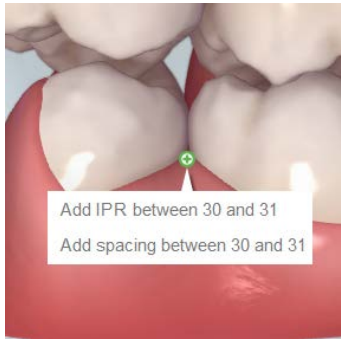
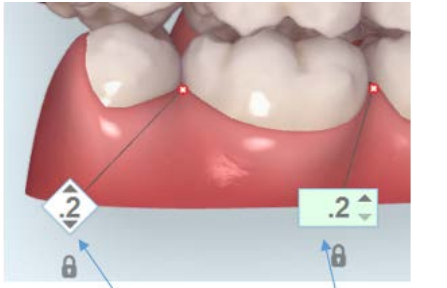


Quick Tools button

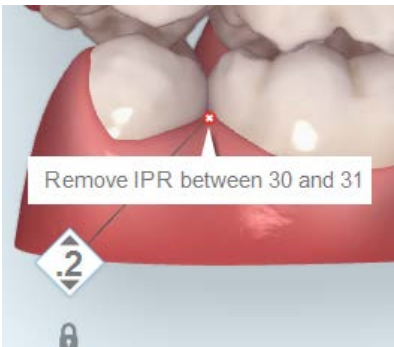
The dropdown menu options affect the display as shown below.

<p><i>Show +/- controls and IPR/Space flags</i></p>	<p><i>Hide +/- controls only</i></p>	<p><i>Hide +/- controls and IPR/Space flags</i></p>

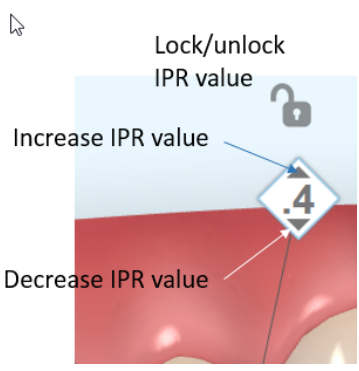
15.2 Adding IPR and Spacing

	<p>To add IPR or spacing:</p> <ul style="list-style-type: none">• Click the green plus sign.• Select the option to add IPR or spacing. <p>Note: If the “Add IPR” option is not visible, you have selected No IPR on the 3D Controls toolbar.</p>
 <p>IPR adjustment box Spacing adjustment box</p>	<p>Either a diamond-shaped (IPR) or rectangular (spacing) box appears as shown at left.</p> <ul style="list-style-type: none">• Adjust the values by clicking on the up and down arrows.

15.3 Removing IPR and Spaces

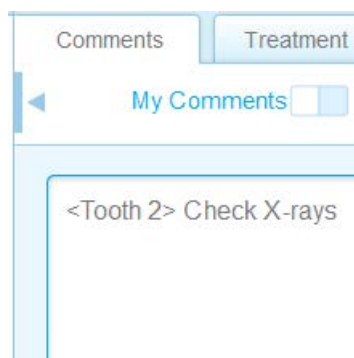
	<p>To remove IPR or spacing:</p> <ul style="list-style-type: none">• Click the red X.• Select the option to remove IPR or Spacing.
---	---

15.4 Adjusting IPR and Spacing Values

	<p>To adjust IPR or spacing:</p> <ul style="list-style-type: none">• Click padlock to lock/unlock IPR value. When the IPR is unlocked, the software can auto-adjust it as you make tooth adjustments. When you manually adjust the IPR, the IPR will be locked automatically.• To increase IPR value, click the arrow pointing up.• To decrease IPR value, click the arrow pointing down.• When IPR is above 0.5, the diamond shows a red border, which means the value is higher than recommended. If you want to add more than 0.5mm of IPR or less than 0.2mm of IPR, check “Allow non-recommended IPR values” in the Settings dialog (see page 15). <p>Increasing, decreasing, locking and unlocking IPR is designed to provide a high level of control over the IPR prescription.</p>
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15.5 Displaying Tooth Numbers in Comments

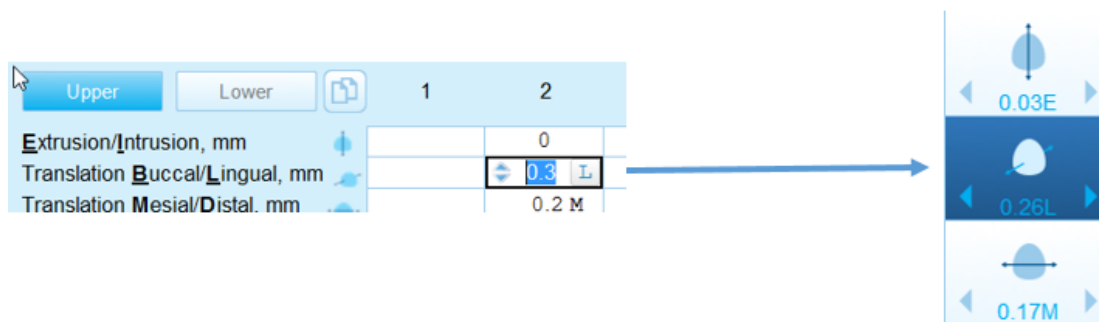
To display the number of a modified tooth in the comments area, Alt-Click the tooth. The tooth ID is copied to the Comments text box as shown. You can then add additional notes relevant to this tooth.



16. Changing Tooth Movements

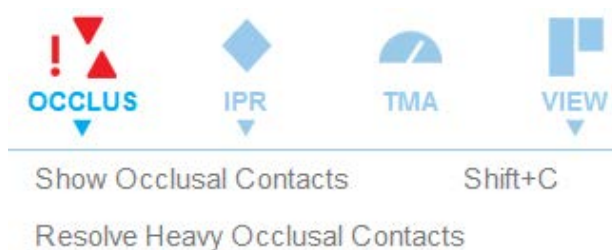
As described earlier, the Tooth Movements Table tool allows you to see the detailed movements of teeth for each aligner stage (see page 43). When you are creating a new plan, you have the option to edit the values in the table. You can change the doctor or difference values; you cannot change the Align values.

To change any value, click on the entry in the table. The corresponding tool on the 3D Controls panel is highlighted as shown below. Enter the new value either by typing a number or by clicking on the up and down arrows.



17. Resolving Occlusal Contacts

ClinCheck Pro 5.0 software allows you to view and hide occlusal contacts as described earlier on page 39. When you are creating a new plan, the Resolve Heavy Occlusal Contacts option is available as shown below. The red arrows indicate that heavy occlusal contacts are present and unresolved. Once they are resolved, the icon displays in blue.



When you click on Resolve Heavy Occlusal Contacts, ClinCheck Pro 5.0 software automatically makes the necessary adjustments and creates a comment in the auto-generated comments field of the My Comments page similar to the one shown below.

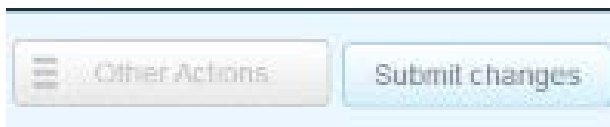


Both jaws modified

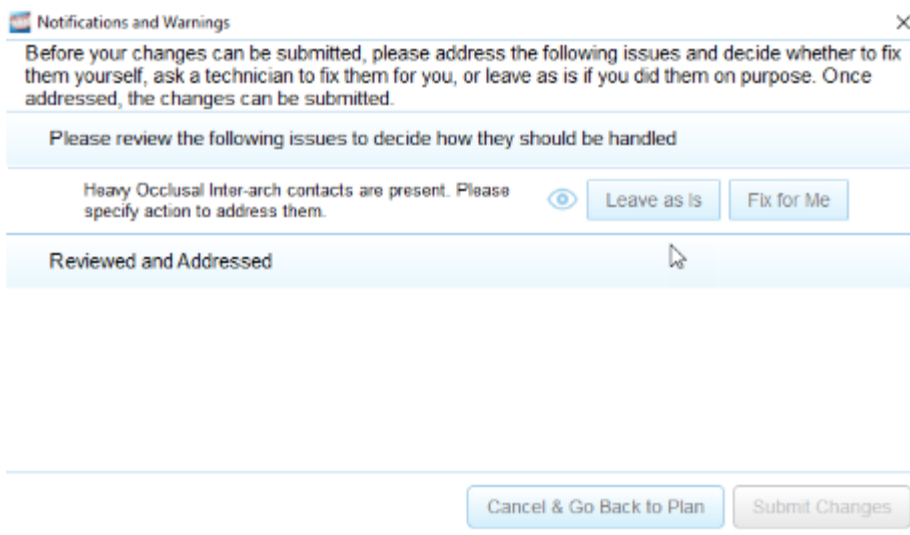
For better control, you can move the teeth and see the occlusal contacts change in real time. This method allows you to drive how heavy occlusal contacts should be addressed, especially for anterior teeth.

18. Submitting Changes

When you are satisfied with the new plan, submit the changes using the Submit changes button shown below.



This action initiates an automatic inspection of your new plan. ClinCheck Pro 5.0 software generates an inspection report as shown below. For each issue, you must choose how you want Align to deal with this issue. If you choose Leave As Is, the technicians will not change your modifications. Choosing Fix For Me is a request to Align to find the best resolution consistent with your intended changes.



SECTION IV. INSTALLATION AND OPERATION

This section presents system requirements, provides a step-by-step installation procedure, explains important information about data security, and describes the use of the mouse and keyboard.

19. Keyboard Shortcuts

No.	Action	Hotkey
1.	Switch between treatment plan tabs	Ctrl + Tab
2.	File->Open	Ctrl + O
3.	File-> Print	Ctrl + P
4.	Patient timeline tab	Shift + H
5.	Attachments (ATTACH button)	Shift + A
6.	Numbers (NUM button)	Shift + N
7.	IPR (IPR button)	Shift + I
8.	Overcorrection (OVER button)	Shift + O
9.	Pontics (PONTIC button)	Shift + P
10.	Teen virtual geometry (TEEN button)	Shift + T
11.	Occlusal contacts (OCCLUS button)	Shift + C
12.	Grid (GRID button)	Shift + G
13.	Superimposition (SUPER button)	Shift + S
14.	View->Single	Ctrl + Shift + S
15.	View->Occlusal	Ctrl + Shift + O
16.	View->Dual	Ctrl + Shift + D
17.	View->Composite	Ctrl + Shift + C
18.	View->Compare plans	Ctrl + Shift + A
19.	UPPER button	Ctrl + Shift + U
20.	LOWER button	Ctrl + Shift + L

21.	MAXIL button	Ctrl + Shift + ↑
22.	RIGHT button	Ctrl + Shift + →
23.	ANTER button	Ctrl + Shift + F
24.	LEFT button	Ctrl + Shift + ←
25.	MAND button	Ctrl + Shift + ↓
26.	Create new doctor plan	Ctrl + M
27.	Reset doctor changes	Ctrl + R
28.	Capture view	Ctrl + Shift + V
29.	Go to previous treatment stage	Alt + ←
30.	Go to next treatment stage	Alt + →
31.	Go to first treatment stage	Alt + Home
32.	Go to last treatment stage	Alt + End
33.	Play/pause	Alt + P

20. Working Offline

The primary way to gain access to ClinCheck treatment plans is online, on the Invisalign® Doctor Site, but you can also work offline (without an internet connection) with the Invisalign Patients Viewer.

Note: When you work offline, you will not be able to submit changes or approve a ClinCheck treatment plan.

When you open a ClinCheck Pro treatment plan online on the Invisalign Doctor Site, the treatment plan is saved locally on your computer in the Invisalign Patients Viewer. This viewer is installed on your desktop when you install the ClinCheck Pro software. The Invisalign Patients Viewer displays a list of ClinCheck Pro treatment plans stored on your computer – samples supplied by Align in addition to your treatment plans.

- To open the Invisalign Patients Viewer from the desktop, double-click the Invisalign Patients Viewer icon on your computer's desktop.
- To open the Invisalign Patients Viewer from the Start menu on your computer, select All Programs, then Align, followed by ClinCheck Pro, and Invisalign Patients Viewer.
- To open a treatment plan, click on the bar beneath the patient's name. For sample treatment plans, click the bar beneath the treatment name.

21. Data Security

Align takes great care in protecting the integrity and confidentiality of data from the moment it is collected. The treatment plan file is exchanged with the doctor in an Align-proprietary format (ADF) using ClinCheck software, and the transmission of these files is encrypted. While it is the customer's responsibility to protect access to their computing device as well as install appropriate malware protections, Align has the following recommendations for protecting devices/data:

- Lock the screen of the device during periods of inactivity.
- Sign out of your IDS account when finished.
- Run up-to-date anti-virus software.
- Use ClinCheck software only on private, firewalled networks.
- Avoid the use of ClinCheck software on rooted or jailbroken devices (Note: Rooting/jailbreaking describe the acquisition of complete administrator rights on the device, allowing third-party programs to perform operations that were not originally possible).

22. System Requirements

In order to view ClinCheck treatment plans and return feedback to Align, you must have internet access and your computer should meet the minimum specifications below.

22.1 Minimum Hardware Requirements

- Intel® Core™ i5, 4 GB RAM, 2 GB free disk space
- Graphics card: Intel HD Graphics
- Windows 7, 32 bit
- Latest graphic card driver
- Internet Explorer 11, Chrome, Firefox, Edge

22.2 Recommended Hardware

- Intel® Core™ i7, 8 GB RAM, 2 GB free disk space
- Graphics card: NVIDIA NVS 3100M or better Latest graphic card driver
- Windows 7 or higher, 32 bit
- Internet Explorer 11, Chrome, Firefox, Edge

22.3 OS/Browser Support

ClinCheck Pro 5.0 software supports the following combinations of browsers and operating systems.

OS/Browser	IE 11	Microsoft Edge	Chrome (latest)	FireFox (latest)
Win 7	yes	n/a	yes	yes
Win 8.1	yes	n/a	yes	yes
Win10	yes	yes	yes	yes
Mac OS (10.10 version) under Parallels with Windows 7, 8.1 and 10 versions	yes	Yes (on Win 10 only)	yes	yes
Mac OS (10.11 version) under Parallels with Windows 7, 8.1 and 10 versions	yes	Yes (on Win 10 only)	yes	yes

22.4 Software Requirements

- Read / Write access to the C:\Program Files\Align folder and ALL subfolders
- Activated SSL 3
- Protection hardware/software must be configured accordingly to allow the Invisalign Doctor Site to send / receive data (allow port 80 for http and port 443 to https for in-bound and outbound)
- No toolbars – or need to be configured accordingly
- Cookies enabled for Internet Explorer
- Third-Party Plugins/Add-ons allowed in Internet Explorer
- Ensure you install the latest graphics drivers
- You must have administrative rights on your computer.

22.5 Administrator Requirements

- Before beginning installation, ensure that you have Administrator rights on your computer. On your desktop, right-click My Computer, and then select Manage.
- In the left pane, expand System Tools, and then click Local Users and Groups. In the right pane, double-click Groups.
- Double-click Administrators. If your name appears in Members you have Administrator rights.
- If you do not have Administrator rights, have your Administrator assign you Administrator rights.

22.6 Adobe Acrobat Reader Version 9 Requirements

- Open a browser window and go to <http://adobe.com/reader/>
- Download Acrobat Reader Version 9 (or higher) from this website.

22.7 Pop-up Blocker Requirements

The ClinCheck Pro software relies on several pop-up windows to function. If you have pop-up blocking software installed it may prevent ClinCheck Pro software and other VIP tools from operating correctly. Many pop-up blockers are available commercially. These pop-up blockers can be configured to allow pop-ups from specific websites. Consult the pop-up blocking software help files for more information on how to configure this feature. Usually you will need to indicate a root URL in your configuration to allow pop-ups from specific web sites. Use the following values to configure the ClinCheck Pro software:

- http://*.aligntech.com
- http://*.invisalign.com

As an alternative to configuring your pop-up blocking software, you may choose to turn off any pop-up blocker when using ClinCheck Pro software to avoid a conflict.

The ClinCheck software is designed to work with the default security settings for Microsoft Internet Explorer. If your browser security settings have been changed you may not be able to access the ClinCheck software. Follow the steps below to check your settings and return the security settings to their default level:

- Open Microsoft Internet Explorer.
- From the Tools menu select Internet Options.
- Select the Security tab.
- Select Trusted Sites.
- Click the Sites button.
- Click inside Add these URLs to the zone.
- Type these URLs (click Add after each one):
 - https://*.invisalign.com
 - https://*.aligntech.com
- Click Close.
- Click OK.
- Close Microsoft Internet Explorer.

22.8 Anti-Virus Software Requirements

You must configure your anti-virus software if it is installed in your computer to allow the ClinCheck software to communicate with the servers running the Invisalign service. For information about configuring your anti-virus software, ask your computer support technician or contact Align Customer Care. You can find information about Align Customer Care on the Support page on the Invisalign Doctor Site.

22.9 Graphics Driver Requirements

The ClinCheck software displays 3D models that require up-to-date graphics drivers. To obtain help installing the graphics driver software, ask your computer support technician or contact Align Customer Care. You can find information about Align Customer Care on the Support page on the Invisalign Doctor Site.

23. Installation Procedure

23.1 Downloading the Software

Log in to the Invisalign Doctor Site.

- Click the Support tab.
- Click the Software download link and download the ClinCheck software.
- Follow the on-screen instructions and begin using the ClinCheck software.

23.2 Installing ClinCheck Software on the Network

You can set up a single Invisalign Patients Viewer for access by multiple computers and users on a network. By default, an Invisalign Patients Viewer is installed on each local machine where the ClinCheck software is installed. You must install the ClinCheck software on each computer in the network; however, all those computers will have the ability to share a common, centralized Invisalign Patients Viewer.

- Share the Invisalign Patent Viewer using the following procedure:
 - From your Start menu, select My Computer.
 - Go to C:\Program Files\Align. This is the default location.
 - Right click the Invisalign Patients folder icon and select Properties.
 - Click the Sharing tab, and select Share This Folder. By default, the share name is Invisalign Patients.
- Select the Security tab.

- Click Add, and then add the Windows user accounts of all individuals who need access to the Invisalign Patients Viewer.
- Click OK.
- For each Windows user you have added, highlight the users name, then click the Permissions box in the Allow column to assign privileges for the user.
- When you are finished with all users, click Apply.

To find the share name and computer where you installed the Invisalign Patients Viewer:

- In Windows, right click the My Computer icon (or go to the Start menu and select My Computer) and select Properties.
- Select the Computer Name tab. The full computer name is displayed here.
- Write down the computer name. You will need this name for the next step.
- Click OK.
- Install the ClinCheck software on all computers that need access to the Invisalign Patients Viewer.
- Use the installation instructions to install the ClinCheck software on each computer in your network. The Installation Wizard displays. Follow the onscreen instructions.
- In the Choose Destination Location dialog, click Browse, then enter the Network Path of the Invisalign Patients Viewer you previously installed.
- Enter the path as \\COMPUTERNAME\SHARENAME, where COMPUTER NAME is the name of your computer and the SHARE NAME is Invisalign Patients.
- Click the Next button and continue with the installation.

24. Symbol Definitions



Manufacturer



Authorized Representative in the European Community

Rx Only

CAUTION: US Federal Law restricts this device to sale by or on the order of a licensed Dentist, Orthodontist, or Dental Professional.