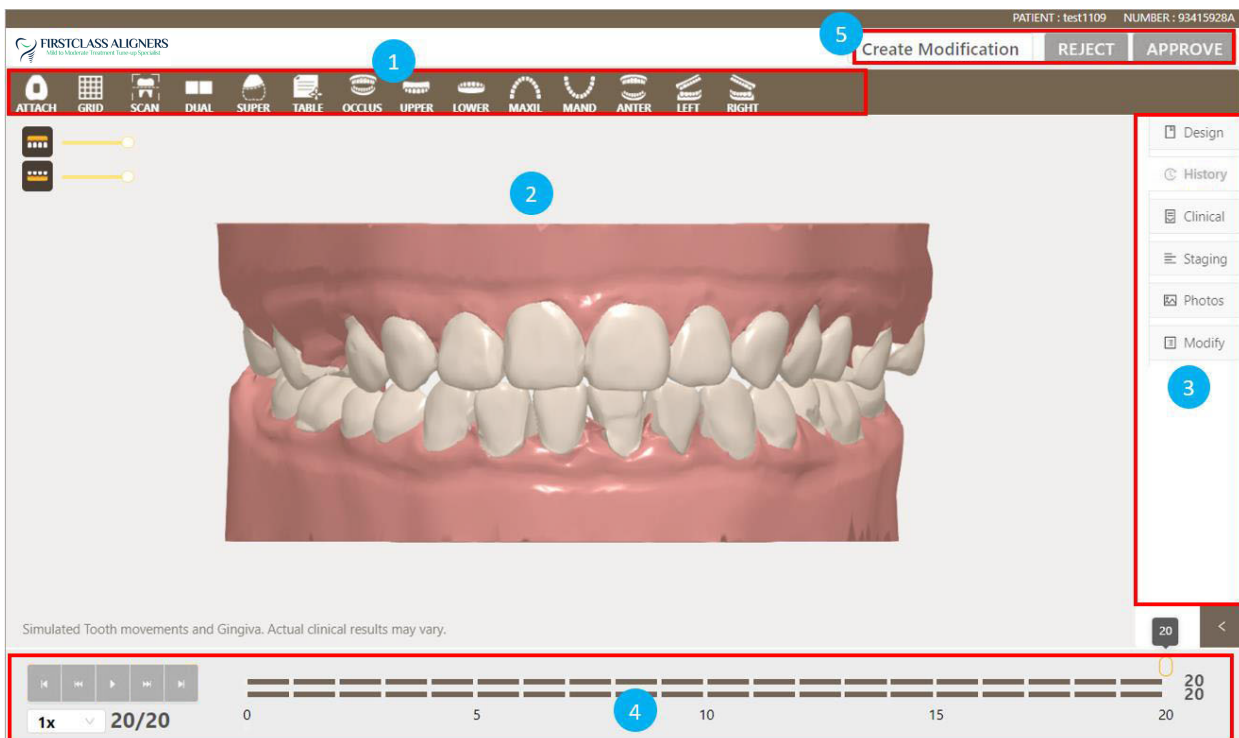







# Motion Viewer Guide






- **Open EZCheck viewer:** click  button.



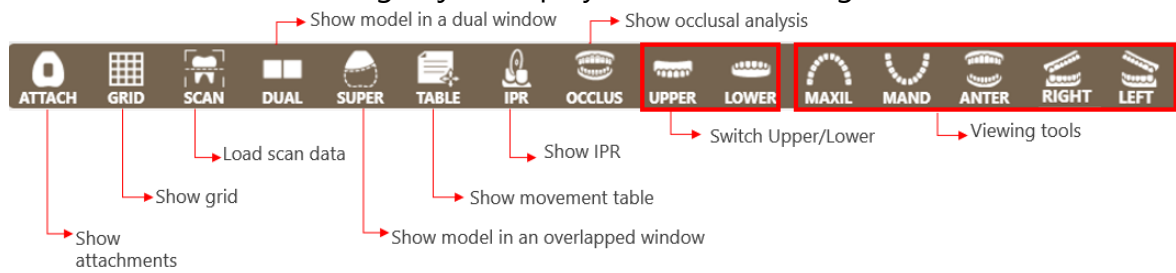
EZCheck viewer contains the following sections:

	Main toolbar
	3D view window
	Side panel: Design plan, History list, Clinical instruction, Staging, Photo, Modify
	Animation of treatment plan
	Action required

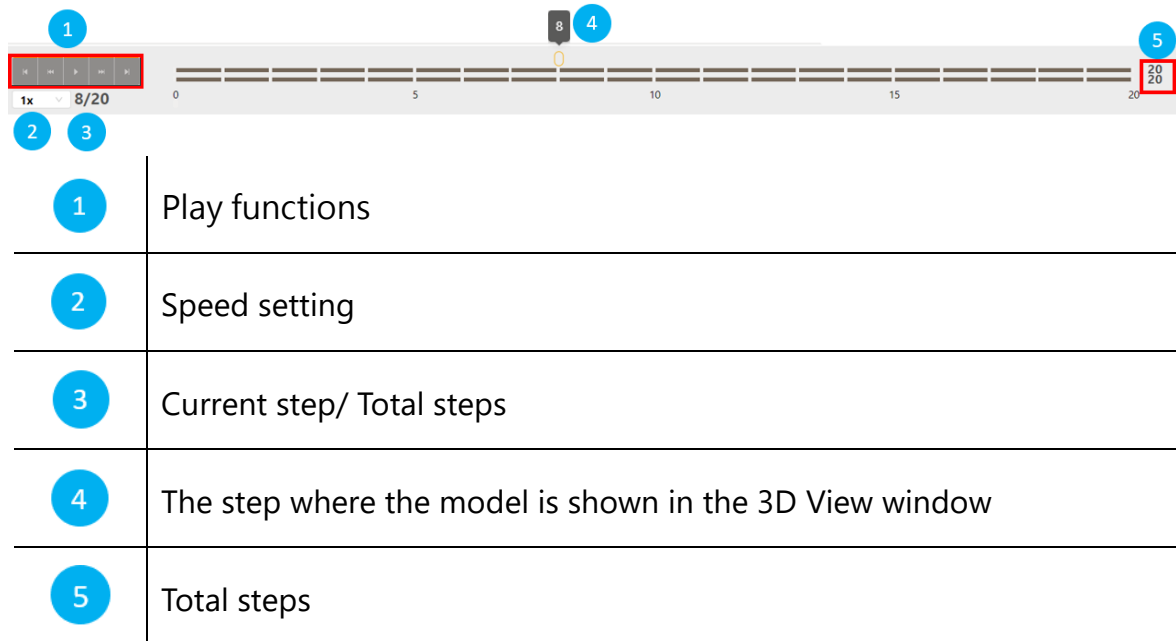
The mouse operation on the 3D View window is shown as below:

Scroll		Zoom view
Press		Pan view
		Rotate view

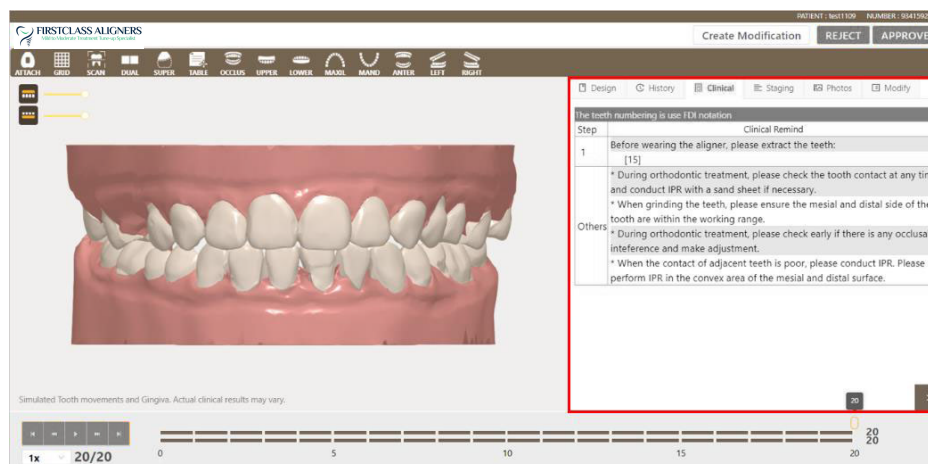
- Main toolbar: including object display tools and viewing tools.

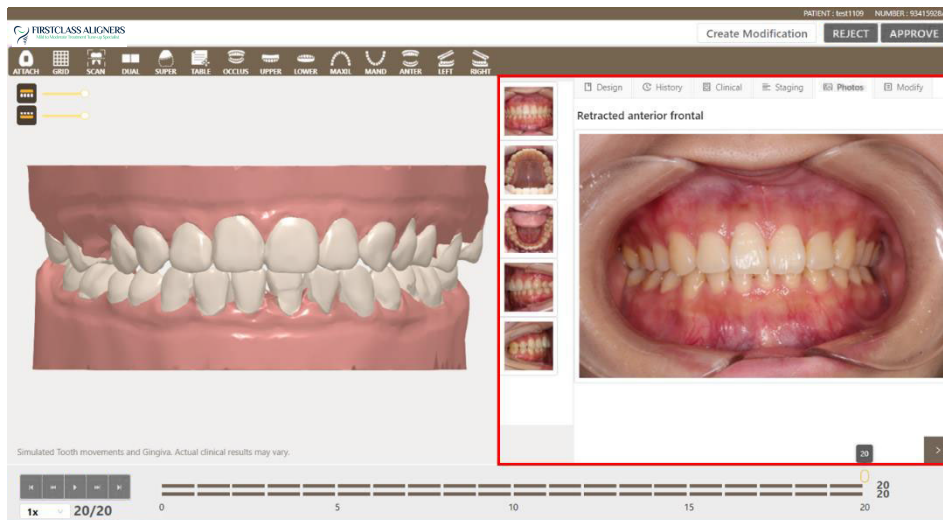


- Animation of treatment plan:

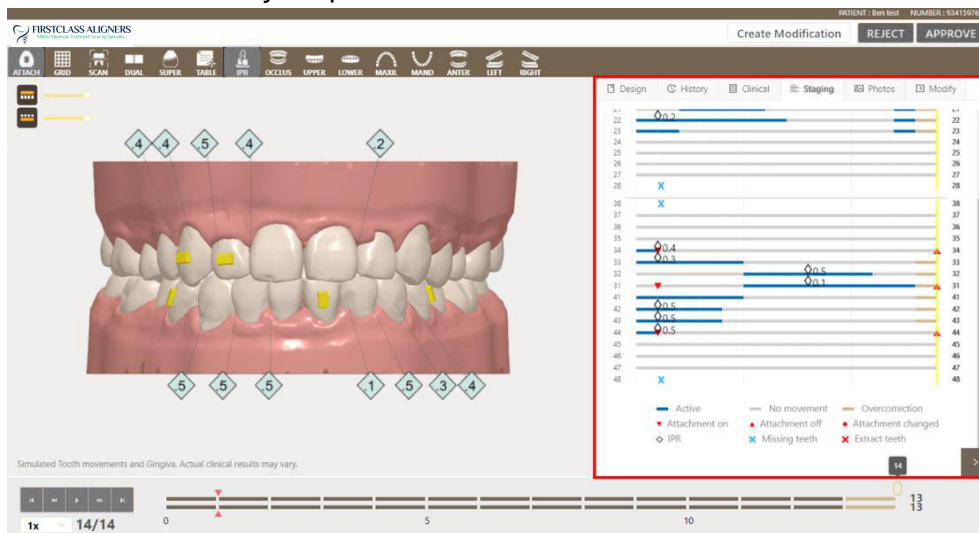


- Side panel:
- Side panel contains case records, including design plan records, historical records of the message, clinical instructions, and patient photos.





- Staging tab displays the overview and treatment details of the movement for each tooth in every step.



3. After reviewing the design, select an action.

Action	Description
<b>REJECT</b>	Fill in the reason of the rejection and return the case for the designer for redesign.
<b>APPROVE</b>	The treatment plan is approved.

- 4. If necessary, the doctor can modify the treatment plan on EZCheck viewer directly. Click **Create Modification** button to adjust goal position or adjust the attachments.

## ● Adjust Goal Position

The screenshot shows the FirstClass Aligners software interface. The main window displays a 3D dental model of a patient's teeth. A red box highlights the control panel on the right side of the interface. This panel includes a 'Design' tab, 'Upper Treatment plan' and 'Lower Treatment plan' sections, and a 'New Treatment Setup' section. The 'Upper Treatment plan' section has a 'Stage' slider set to 1. The 'Lower Treatment plan' section has a 'Stage' slider set to 2. The 'New Treatment Setup' section has a 'Goal' tab selected, and a slider set to 0.1 deg. A red box also highlights a vertical toolbar on the left side of the control panel, which contains various movement tools. A blue circle '3' is placed over the central tooth in the 3D model, and a blue circle '4' is placed over the movement tool icons. A blue circle '5' is placed over the table below the 3D model.

UPPER	LOWER	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	Stage 1
Translation (Distal/Mesial),mm		0.8 M	2.6 M	3.5 M	0.5 M	0.4 M	1.1 M	0.6 M	0.1 M	0.3 M	1.0 M	1.0 M	1.8 M	0.9 M	4.1 M	5.5 M		
Translation (Buccal/Lingual),mm		4.3 B	5.5 B	2.6 B	2.4 B	1.8 B	0.7 B	1.9 B	1.9 B	1.8 B	1.6 B	2.1 B	1.8 B	3.4 B	1.9 B			
Intrusion/Extrusion,mm		1.9 E	1.4 E	0.7 E	0.11	1.0 E	1.0 E	0.3 E	1.1 E	0.61	0.21	1.21	0.91	0.5 E	0.7 E			
Crown Tipping (Distal/Mesial),mm		2.3D	3.4D	0.5M	0.9M	0.2D	0.6D	0.5D	0.3M	0.5D	0.6M	0.6D	0.6M	3.2D	3.5D			
Crown Tipping (Distal/Mesial),mm		(9.8°)	(13.9°)	(2.1°)	(3.5°)	(0.9°)	(2.6°)	(1.8°)	(1.3°)	(1.9°)	(2.0°)	(2.3°)	(2.4°)	(12.5°)	(12.8°)			
Crown Torquing (Buccal/Lingual)		20.1°L	16.8°L	9.3°L	0.6°L	0.5°B	0.1°B	7.7°L	3.6°L	2.1°L	2.0°L	3.7°L	4.5°L	15.2°L	5.6°L			
Rotation (Distal/Mesial)		20.5°M	16.2°M	7.4°M	5.3°M	6.6°D	8.0°D	2.6°M	6.3°D	0.3°M	12.4°D	3.8°M	0.8°M	4.9°M	7.6°M			

- (1) Drag the slider to select the stage.
- (2) Select **Goal** tab. Drag the slider to set the movement interval and rotation degree.
- (3) Left-click to select a tooth on the model. The selected tooth will turn into white.
- (4) Click to select the movement type from the following tools.

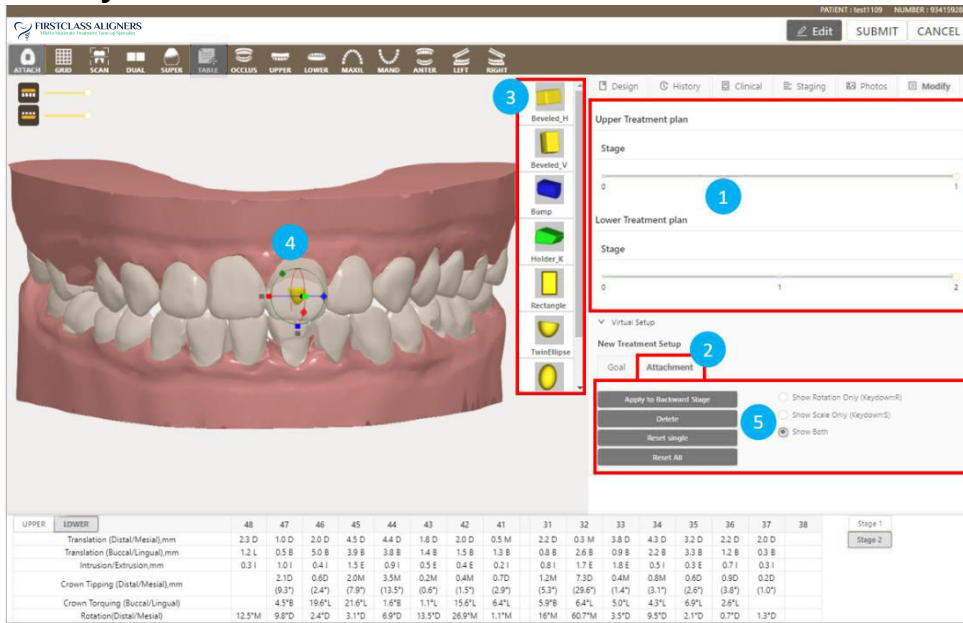
- Translate (Distal/ Mesial)
- Translate (Buccal /Lingual)
- Intrusion/Extrusion
- Crown Tipping (Distal/ Mesial)
- Root Torquing (Buccal /Lingual)
- Crown Torquing (Buccal /Lingual)
- Rotation (Distal/ Mesial)

- (5) Click ◀ or ▶ button to move.

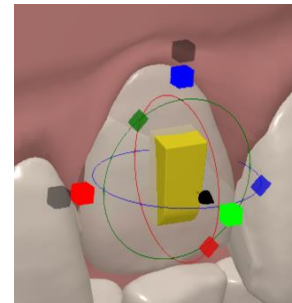


The value between the arrows is also shown on the movement table below.

## ● Adjust attachments



- (1) Drag the slider to select the stage.
- (2) Select **Attachment** tab.
- (3) Select the attachment type.
- (4) Double left-click on the tooth to place the attachment.
- (5) To adjust the attachment:
  - Left-click to select the attachment to be adjusted.
  - **Translate:** Hold down the left mouse button on the attachment and drag to the desired position.
  - **Scale:** Drag **Red**, **Green**, or **Blue** cube to respectively scale in X, Y, or Z axis. Drag the **Gray\_** cube can scale by all axes.
  - **Rotation:** Drag **Red**, **Green**, or **Blue** cube to respectively rotate along X, Y, or Z axis.



(6) Other functions:

<b>Apply the Backward Stage</b>	Apply the attachment to all the subsequent stages.
<b>Delete</b>	Delete the selected attachment.
<b>Reset Single</b>	Reset the selected attachment to the original state.
<b>Reset All</b>	Reset all attachment s to the original state.
<b>Show Rotation Only</b>	Display rotation cursor only
<b>Show Scale Only</b>	Display scale cursor only
<b>Show Both</b>	Display both rotation and scale cursors.

5. After the design is adjusted, click **SUBMIT** button to submit the modified design. Please provide the reason of rejecting the design and click **OK** button to return the case to the Designer.