



## Introducing CS Model+ v5

### Take complete control of your aligner case design

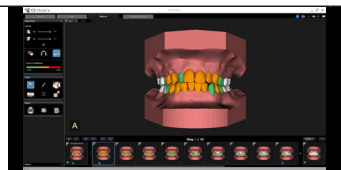
CS Model+ v5 combines artificial intelligence with sophisticated algorithms and an intuitive interface to empower you to design and fabricate in-house aligners.\*

Deliver the elevated digital experience your patients have come to expect by planning cases and fabricating and delivering aligners on your schedule, not the manufacturer's. CS Model+ gives you complete control over the design process, empowering you to deliver the initial trays when it's most convenient for both you and your patients. With no external lab fees, you'll be able to better compete with direct-to-consumer offerings while still providing your patients practitioner-guided treatment.

CS Model+ v5:

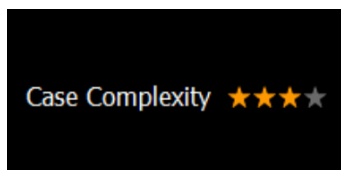
- Generates an automated case “degree of difficulty rating” to help you determine aligner treatment feasibility
- Creates all intermediate treatment steps based on the selected case constraints and provides details on case complexity.
- Automatically suggests when interproximal reduction (IPR) is needed at the first step.
- Allows you to design and fabricate aligners in-house†, letting you control the cost of materials and fabrication for improved ROI and more competitive pricing.
- Includes a library of attachments in different shapes to address rotation, extrusion-intrusion, torque or even combined movements.
- Enables patients to view simulation videos to understand the proposed treatment outcome, thereby increasing case acceptance.
- Helps practices increase the number of orthodontic starts thanks to a diversified aligner offering and associated marketing efforts.

## New Features Empower You to Design and Fabricate Aligners In-House



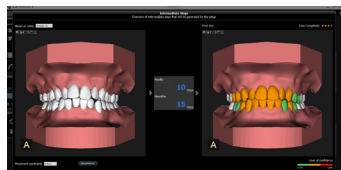
### 1 Preview Intermediate Steps

- Visualize the number of steps needed to treat the patient.
- In cases where multiple setups have been proposed, you can switch from one setup to another to determine which treatment plan is the best for your patient.



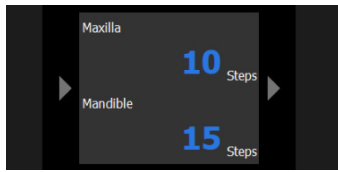
### 2 Easily Determine Case Complexity

- The Case Complexity index efficiently guides the practitioner through the level of difficulty of the case.
- One star indicates the treatment proposal is simpler, and number of stars increase based on case complexity (up to 4).



### 3 Assess the Degree of Difficulty

- **A color map** generates an automated case “degree of difficulty rating” to help you determine aligner treatment feasibility
  - White teeth indicate that no movement will be applied to the teeth based on the setup.
  - Green teeth indicate a more simple and straightforward case.
  - Orange teeth alert the practitioner that the tooth might need additional support of an attachment in order to correct the position.
  - Red teeth indicate that the required movement is outside the clinically proven capability of the aligner.
- When an orange or red color is displayed, you can hover your cursor over the tooth to view the details regarding the clinical rationale.
- You can easily access the settings to manage the level of movements which best fit the specified treatment.



## 4 Automatic Generation of Steps

- Intermediate steps for each aligner model are easy to view and automatically created based on the selected constraints. The view updates within few seconds depending on the number of steps, eliminating the need for a long manual process to individually create each step.
- You can review the following:
  - Level of confidence per tooth movement color map
  - Occlusion display
  - Collision
- The gallery is also editable so you can preview the models or the level of complexity per step.
- You can also play a movie to facilitate patient communication.
- CS Model+ also enables you to modify the intermediate steps based on clinical constraints and will automatically recalculate the remaining steps based on the changes made.



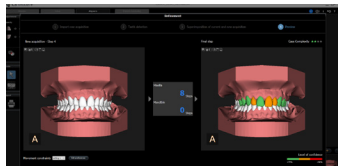
## 5 Perform Hypercorrection When Needed

- At the end of the treatment, if some tooth movements didn't occur as planned, you may want to add additional steps to the proposed setup to hypercorrect the rotation; these steps are automatically calculated and available immediately.
- Preferences help you determine the level of hypercorrection that is automatically calculated.

IPR Management											
Step	M	D	M	D	M	D	M	D	M	D	
1	-0.30	0	-0.10	-0.10	-0.10	-0.10	0	-0.10	0	-0.10	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0
TOTAL	-0.30	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	0.00

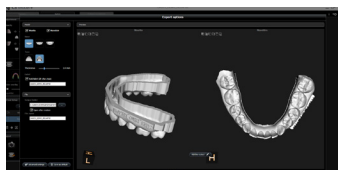
## 6 Automatically Manage IPR (Interproximal Reduction)

- CS Model+ will automatically suggest that you perform IPR on the first step if the amount of space needed is below 0.2 mm per side.
- If the amount of space needed is greater than 0.2mm per side or if you prefer to perform IPR later, the IPR table can be modified and the steps will automatically be regenerated.
- You can establish IPR at any step or can spread it over multiple steps.



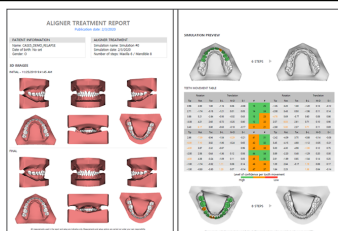
## 7 Proficiently Manage Refinements

- In cases where the patient has not properly worn their aligners or where the teeth didn't move as expected, you can perform a refinement to readapt the steps based on the patient's current tooth position; this saves you time as it eliminates the need to perform a new setup to readapt the case.
- To perform a refinement, you will rescan the patient, import the data, check the segmentation and alignment and the steps will be automatically recalculated.



## 8 Define Your Export Preferences for Model Printing\*

- CS Model+ offers dedicated export functions for optimized printing, model orientation and automatic design of the back support of the model to enable third-party digital model printing.
- You can determine the steps and quantity of resin to be used for third-party printing in the preferences, to better control material usage for model the printing.
- You can add information such as patient name or the step number onto the model, aiding in identification of the model after printing.



## 9 Review Comprehensive Aligner Reports

- A specific aligner report has been created, allowing you to archive, communicate or share information as needed.
- You can choose to establish preferences for the aligner report, including:
  - Before and after comparison
  - Teeth movement table with associated occlusal views
  - IPR and attachment management

We are excited to provide you with this new functionality in CS Model+ v5 and look forward to hearing stories about your success in treating patients with in-house aligners.