FAQ's – Invisalign^{G6} first premolar extraction solution planned for maximum anchorage.

1) Q: How do I know if the Invisalign^{G6} first premolar extraction solution really works since we don't have finished cases from the pilot yet?

A: The Invisalign^{G6} features have been subject to biomechanical tests in a simulated physiological environment. In addition, feedback from Providers who already use Invisalign aligners to treat extraction cases as well as those from the pilot have been incorporated in the development process. Progress data from your peers/orthodontists who participated in the clinical pilot show good progression of space closure and control of anchorage.

2) Q: What are the benefits of the Invisalign^{G6} solution?

A: Invisalign^{G6} first premolar extraction solution is engineered to improve clinical outcomes of severe crowding or bi-maxillary protrusion treatments requiring first premolar extraction and planned for maximum anchorage. The features are designed to provide vertical control and root parallelism which would provide more predictable treatment results.

3) Q: Can I use Optimized Retraction Attachment and Optimized Anchorage Attachment if I use my own staging design?

A: Yes. The default staging protocol is canine 1/3 retraction followed by simultaneous staging; however alternate staging may be provided upon request independent of the Invisalign^{G6} SmartForce® attachments and SmartStage technology.

4) Q: Can I use Optimized Retraction Attachments without Optimized Anchorage Attachments, or can I use my own attachments but still use the aligner activation with SmartStage technology?

A: No. Invisalign^{G6} features (SmartForce attachments and SmartStage technology) are applied as a Multi-Tooth Unit, thus function as **an all or none feature set**. If an attachment is removed during ClinCheck® treatment plan modifications, then all associated Invisalign^{G6} SmartForce attachments and SmartStage technology will be removed.

5) Q: Will I still have the Optimized Attachments if I ask for more than 2 mm of posterior mesial crown movement?

A: No. All Invisalign^{G6} features will be removed. The Invisalign^{G6} first premolar extraction solution is designed for cases planned for maximum anchorage or up to 2 mm of posterior mesial crown movement. In cases with more than 2 mm of posterior mesial crown movement pre-G6 attachments, such as optimised or conventional attachments will be placed. The default attachments placed will depend on the movement on the canine and second premolar, as well as rectangular attachments on the molar and there will be no SmartStage technology.

6) Q: In instances when I want both an Optimized Attachment and a Precision Cut, and the canine crown length is too short for both, what will happen? Will an Optimized Attachment or a Precision Cut be placed on the tooth?

A: In instances where a Precision Cut and an Optimized Attachment cannot be placed on the tooth due to insufficient space, the technician will refer to the Clinical preference which allows you to resolve the conflict. If there is no specific instruction given through the Clinical preference and where there is a conflict, the default will be to place Optimized Attachments instead of Precision Cuts and where possible to replace a button cutout with a hook in order to keep both Optimized Attachments and Precision Cut.

7) Q: Can I adjust the dimension of the Optimized Retraction/Anchorage Attachments?

A: No. The Optimized Attachments are engineered to deliver the force systems to achieve predictable tooth movements. Each Optimized Attachment is customised to each tooth using advanced virtual modeling, including such features as the width, long axis, and contour of the entire tooth.

8) Q: Can the Optimized Attachments not be placed at the first stage?

A: Yes. You can delay the placement of Optimized Attachments. You can make such request through Clinical preference which allows you to delay the stage that attachments, interproximal reduction (IPR), and extractions can begin (up to stage 4). Do note that this will also delay the start of movements that require attachments, IPR, and/or extractions.

9) Q: Can I delay the stage of extractions?

A: Yes. You can request to delay the stage of extractions. You can also make such requests through Clinical preference which allows you to delay the stage that attachments, interproximal reduction (IPR), and extractions can begin (up to stage 4). Do note that this will also delay the start of movements that require attachments, IPR, and/or extractions.

10) Q: Where can I see the aligner activations?

A: Aligner activations with SmartStage technology are not visible in the ClinCheck treatment plan but are automatically built into the aligners.

11) Q: Can I ask for other staging patterns?

A: Yes. The default staging protocol is canine 1/3 retraction followed by simultaneous staging; however alternate staging may be provided upon request independent of the Invisalign G6 SmartForce attachments and SmartStage technology.

12) Q: Can I change existing extraction patients who are already in Invisalign treatment to use the Invisalign G6 first premolar extraction solution?

A: Yes. This is possible if the extraction patients are in first premolar extraction treatment planned for maximum anchorage (or up to 2 mm of posterior mesial crown movement) and have at least the canine root moving distally for 0.5 mm. You will need to remove the existing attachments and submit a mid-course correction (MCC) order after the launch of Invisalign G6 first premolar extraction solution.

13) Q: I have an active extraction case at the ClinCheck Awaiting Approval Stage; can I change to use Invisalign G6 features?

A: Yes. You can use Invisalign G6 features if the treatment requires first premolar extraction planned for maximum anchorage (or with less than 2 mm posterior mesial crown movement) and the extraction patient has at least the canine root moving distally for 0.5 mm. You will need to request via ClinCheck modification and the Invisalign G6 features will be included if the modification is after the launch of Invisalign G6 first premolar extraction solution.

14) Q: Do I get Invisalign G6 features for MCC/refinement?

A: Yes. You can receive Invisalign G6 features for MCC/refinement if there is over 3 mm of extraction space in the MCC or refinement, the treatment is designed for maximum anchorage (or with less than 2 mm of posterior mesial crown movement), and the extraction patient has at least the canine root moving distally for 0.5 mm. But if there is no extraction space closure, then the Invisalign G6 features won't be provided in the MCC/refinement.

15) Q: How do I get the Invisalign G6 features?

A: You can get the Invisalign G6 features in two ways. Using the Prescription form, simply select any first premolar extraction under the extraction section in the Prescription form. Or you can get the Invisalign G6 features during ClinCheck treatment plan modification by way of written request to extract first premolars and/or add the Invisalign G6 features.

16) Q: Will I always get Invisalign G6 features for a first premolar extraction treatment planned for maximum anchorage by default?

A: Yes, unless you have instructions in the Special instruction of the Prescription form or Clinical preferences that override the default setup.

17) Q: Do I need to know and install ClinCheck Pro 4.1 Software before using Invisalign^{G6} first premolar extraction solution?
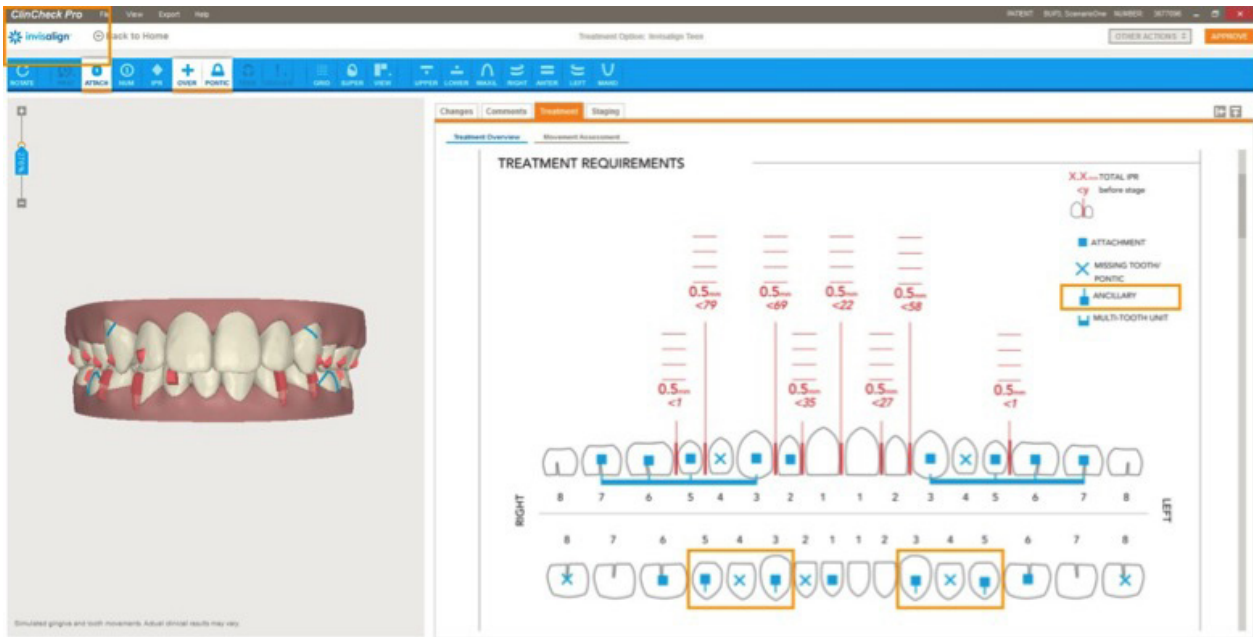
A: No. You will still get all the Invisalign^{G6} features for first premolar extraction treatment, but you will not be able to see the redesigned pontic in the ClinCheck 3D model with ClinCheck 3.1 Software.

18) Q: Can I ask for the feature for power arm placement on the incisors to close the space at the anterior?

A: Yes. You can ask for this feature for any tooth to close an extraction space or for the uprighting of any tooth.

19) Q: How can I tell if it's a conventional attachment or a power arm placement feature?

A: The power arm placement feature looks different from the conventional attachment on the ClinCheck Pro 3D model. You can also refer to the Treatment Overview PDF which shows an ancillary object icon to represent the power arm placement feature.

20) Q: Will I be given the power arms for the extraction treatment?

A: No. power arms will need to be formed by you and inserted into the template for bonding to the tooth. Align will provide pre-trimmed aligners which facilitate the use of ancillaries, such as power arms. You will also be provided an attachment template that facilitates the bonding of the power arms, by having a small opening to allow the wire to protrude out while filling the attachment template with composite.

21) Q: Can I have SmartForce features on the upper arch but power arm placement features for the lower arch?

A: Yes. If your upper arch treatment requires first premolar extraction with maximum anchorage, then you will be provided with SmartForce features. And you can request for power arm placement features if you choose to close the extraction space or uprighting a tooth using power arms in the lower arch.