Identify the case as a potential combination regimen.

Take full orthodontic records, excluding the PVS impressions.

Plan and perform the fixed orthodontic preparation.

Debond. Hold with clear retainers.

Take PVS impressions and fresh photos, and submit the case for Invisalign treatment. Many patients really appreciate this and will agree to the braces knowing it is only for six to nine months.

**Case No. 1: HW**

This 13-year-old male wanted Invisalign treatment, but we were aware that aligners are not able to emerge partially erupted cuspids (Fig. 1).

We placed HW in esthetic brackets in an upper 2 x 6 configuration. The lower cuspids were left free to erupt on their own.

We saw him at six-week intervals and ran through the Ortho Organizers® Nitanium® Archwires .014, .018 and .019 x .025. We then debonded him and sent his records to Align for upper and lower Invisalign treatment (Fig. 2).

After 36 aligners (72 weeks), HW was ready for case refinement (Fig. 3). After another seven case refinement aligners, he was done (Fig. 4).

**Case No. 2: NT**

Sometimes, the need for fixed orthodontic augmentation of a case comes intra-treatment. A 39-year-old male was started with Invisalign alone.

It was recognized in advance that the severe rotation and ectopic positioning of the upper right second premolar was going to be impossible for the aligners to correct. Space would have to be created first, and then the tooth could be corrected with fixed devices.

The case was submitted to Align Technology with instructions to open space for, but not correct, the position of the upper right second premolar.

After 22 aligners, NT was ready for case refinement. Prior to re-submitting the case, however, we fitted him with a series of fixed devices including Ortho Organizers’ Di-MIM® Brackets on the upper right first and second molars and a metal bonded button on the ectopic premolar.

Power chains were used to correct the position of the premolar, and then the case was submitted to Align for case refinement.

NT is presently finishing with case refinement aligners.

**Case No. 3: TM**

The need for fixed orthodontics also can come after the capabilities of Invisalign (or the patient!) have been exhausted. Figure 5 illustrates a 40-year-old female who required some detailed tooth movement to solve her deep bite and crowding.

We were able to get pretty far with the first course of (55 upper, 17 lower) aligners.

After case refinement, the improvement was considerable but not fully in line with our goals for her. We fitted her with fixed orthodontics, the Illusion Plus™ Esthetic Brackets from Ortho Organizers.

After six months of traditional braces, her case was finished (Fig. 6).

The three cases presented have illustrated the concept that, with a little imagination and some fixed orthodontics, many more cases can be treated with Invisalign.