Deep bite correction can be achieved via anterior proclination (relative intrusion), pure anterior intrusion, or extrusion of the posterior segments.

**Relative intrusion**

For patients who present with significantly upright or retroclined anterior teeth and crowding, proclining the anterior teeth via buccal crown tipping results in **relative intrusion**, improving the overbite and establishing better anterior stops.

**Pure intrusion**

If the anterior teeth have good axial inclinations or relative intrusion from proclination will not be sufficient, **pure intrusion** should be considered to reduce the overbite. Use the smile line to determine whether the upper, the lower or all anterior teeth should be intruded to improve the deep bite.

Deep bites can also exist in patients who present with a reduced vertical dimension. In these patients, extrusion of the posterior teeth, namely the bicuspid, will be required to improve the overbite and increase the vertical dimension.

**DEEP BITE CASES TREAT MOST PREDICTABLY WHEN:**

1. Both upper and lower anterior teeth are very upright or tipped lingually
2. Posterior occlusion is Class I
DEEP BITE

INVISALIGN SPECIFICS

Treating deep bite with Invisalign

With Invisalign, the preferred strategies to address deep bite are usually relative and/or pure intrusion of the anterior teeth. Some doctors also prescribe the use of anterior bite ramps if the overjet is sufficient to include them. This may allow teeth to extrude by disoccluding them and/or will maximize the intrusion of the anterior teeth. Bite ramps can be requested via the Special Instructions text box in the Prescription form, or via ClinCheck treatment plan modification.

Attachments

For relative anterior intrusion via proclination, no attachments are necessary.

For pure anterior intrusion, retention attachments on the posterior teeth are necessary in order to create the intrusive forces. These attachments will be placed automatically.

Movement staging

Overbite correction via relative or pure intrusion will be staged simultaneously with all other movements needed to achieve the alignment of the teeth when there is enough space to move all the teeth simultaneously.

Vertical jump

If anterior intrusion and posterior extrusion is planned, you may request a simulation of the vertical bite jump via the Special Instructions text box in the prescription form. The vertical simulation or bite jump will be applied to the ClinCheck treatment plan.

For more information and treatment planning help

Learn more from your peers who are successfully treating patients with deep bite:
https://learn.invisalign.com/deepbite#tips