



Aligner treatment plan for the technician

Along with the patient's photographs, a visual plan of the main tooth movements may be attached and can be used as an additional reference alongside the instructions provided here

Treatment goals

On the right, position the canines 1 mm toward Class II relative to Class I

On the left, position the canines 1 mm toward Class II relative to Class I

UPPER DENTAL ARCH

Dental expansion

Expand the maxillary arch by labial tipping of the crowns until the premolars are upright. Use a normal arch form and the final transverse relationship with the mandibular arch as the reference

Change in the position of the maxillary posterior teeth

On the upper left, perform distalization according to the 50% protocol by approximately 2 mm, using a miniscrew for anchorage. From the start of distalization of tooth 26 until completion of distalization of tooth 24, place a button on tooth 23 for ligation to the miniscrew. If anterior retraction is required, remove the button from tooth 23 and reposition it to tooth 24 at the start of canine distalization

Mandible (bite jump)

Advance the mandible on the right side (bite jump) by 1 mm

Advance the mandible on the left side (bite jump) by 1 mm

Lower arch

Space management strategy for missing or to-be-extracted teeth

Tooth 36 is missing. Open space for an implant equal to 7 mm by distalizing the posterior teeth by 3 mm, and, if needed, open the remaining amount mm, and, if needed, open the remaining amount by mesializing the anterior teeth

Change in the position of the mandibular posterior teeth

On the lower left, perform sequential distalization according to the 50% protocol by approximately 3 mm until the canines are set to the class specified in the treatment goals. Anchorage will be provided by a miniscrew. From the start of distalization of tooth 36 until completion of distalization of tooth 34, place a button on tooth 33 for ligation to the miniscrew. If anterior retraction is required, remove the button from tooth 33 and reposition it to tooth 34 at the start of canine distalization.

On the lower right, perform sequential distalization according to the 50% protocol by approximately 2 mm until the canines are set to the class specified in the treatment goals. Anchorage will be provided by a miniscrew. From the start of distalization of tooth 46 until completion of distalization of tooth 44, place a button on tooth 43 for ligation to the miniscrew. If anterior retraction is required, remove the button from tooth 43 and reposition it to tooth 44 at the start of canine distalization

Change in the position of the lower anterior teeth

The mandibular anterior teeth should be extruded, guided by the curve of Spee and the overbite