

TECHNIQUE CLINIC

Use of Occlusal Ramps as Mechanical Stops after Molar Distalization

After maxillary molar distalization with a fixed appliance, posterior anchorage must be maintained during distal movement of the premolars and anterior teeth. This can be achieved with the use of composite mechanical stops as illustrated here.

Once the distalizer is removed, and while a Nance holding button is being fabricated, occlusal ramps are built up on the mesial cusps of the mandibular

first molars. To prevent unwanted occlusal contact, the ramps should be inclined toward the spaces between the distalized first molars and the second premolars.

These ramps maintain the corrected molar relationship and allow distal movement of the buccal segments, even after placement of the Nance button. The mesial surfaces of the ramps are gradually reduced as the second premolars move distally.



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