

U'S Molar Distalizing Jig

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CLINICAL TIP

Before the finishing and detailing stage in cases with end on molar relation, a simple cost-effective technique¹ can be followed without disturbing the main arch wire to facilitate distalization of the upper molar, medialization of the lower molar and correction of the end on canine relation.²

This simple technique for class II molar correction includes a jig which is made with 0.017X0.025 TMA wire.³ The component consists of two coils, one mesial to the molar tube of maxillary first molar and the second one mesial to maxillary canine, with a hook like extension. The horizontal bar connects both the coils. The appliance also consists of a hook near the canine for the placement of elastics. The elastics are then placed from the lower molar band hook to the hook of the jig near the maxillary canine. Opening of the mouth creates a distalizing force on the upper molar with a concurrent mesializing force on the lower molar. With this the canine relation is also corrected.



Fig 1: End on canine and molar relation before zig insertion.



Fig 2: Intraoral view of installed zig.

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Fig 3: Post treatment photographs.

CONFLICTS OF INTEREST

The authors declare they have no potential conflict of interests regarding this article.

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