

Accurate & Predictable Distalization

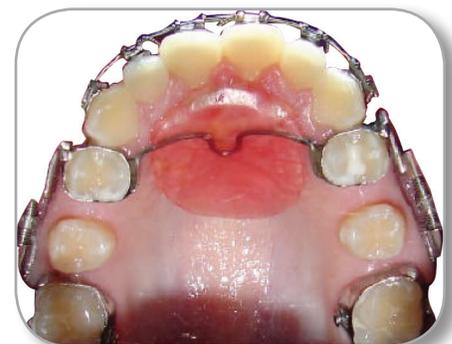
The **Rapid Molar Distalizer (RMD)** offers accurate and predictable molar distalization without tipping the molars. This is done by placing small expansion screws on the buccal of the arch. The screws on the buccal do not interfere with speech or swallow patterns of patients. The anchorage is an oversized Nance button in the anterior of the palate. The appliance is anchored to bands on the 1st bicuspids and 1st molars on patients without fully erupted permanent 2nd molars. The 2nd bicuspid will follow the 1st molar down the alveolar process.



If the patient has fully erupted permanent 2nd molars the appliance is anchored to the 2nd molar bands and the 2nd bicuspids. In this case, the 1st molar will follow the 2nd molar down the alveolar process. The activation schedule for either appliance is generally every other day or twice a week. Since the appliance is only activated 1/4 millimeter per turn, the Nance does not get imbedded into the tissue and the molar roots stay upright during treatment.

The RMD appliance can also incorporate an expansion screw to allow for transverse corrections before the distalization process begins. In this case, the screw is placed in the 2nd bicuspid area and soldered to the bicuspid bands. The appliance has extension to the first or second molars as needed but is not soldered to the molar bands to allow for the distalization to occur.

The distalization is so predictable that a Nance can be fabricated at the same time that the **RMD** is fabricated. This is achieved by the doctor indicating on the Rx the amount of distalization that is needed per quadrant and the original model is duplicated. The molars from the duplicate model are removed and distalized per the prescription and a Nance is then constructed with small omega loops. The process allows the doctor to remove the **RMD** and seat the Nance in the same appointment. This offers both the doctor and patient a very proficient transition process.



Bilateral Distalization (activated)

Please refer to the “How to Get Started” section on our website at specialtyappliances.com to send your cases to Specialty.