

AdvanSync™ Class II Molar to Molar Appliance (M2M)



This appliance consists of partial crowns cemented on the upper and lower permanent first molars and a telescoping rod that connects the upper and lower bands on each side. It is delivered at the initial bonding appointment when upper and lower braces are placed. It works within 6-9 months in most cases.

When the appliance is cemented it will position the lower jaw in the desired, more forward position. It is then reset 2-4 mm every 12 weeks.

This jaw correction happens the same time upper and lower braces are aligning the teeth.

Molars are then bracketed after the M2M appliance has been removed. Treatment is then completed with braces and rubber bands (elastics).

The M2M appliance works by advancing the lower jaw while inhibiting the growth of the upper jaw. (There will also be dental changes also)
Clinical research shows that these changes have true long-term effects.

The M2M immediately improves the patient's profile. It generates forward growth of certain structures of the jaw joint, which allows the lower jaw to remain in a more forward position.

The M2M appliance decreases the need for patient cooperation and parental monitoring. No headgear is needed and less elastic wear is needed.

The arms of the M2M are 50% shorter than conventional Herbst appliances making it more comfortable for patients decreasing mouth and cheek soreness. Speech is usually not affected.