

CETLIN APPLIANCES



Cetlin Transpalatal Arch (TPA)

Swallowing and tongue pressure provides intrusive force on molars.

Indications for TPA Treatment:

- Molar distalization to increase arch length.
- Molar rotation to gain arch length.
- Maintain expansion and/or to provide molar anchorage.

Appliance Components:

- Cetlin Transpalatal Arch (TPA absorbs forces and U-loop is not to be adjusted)
- Cetlin Lingual Attachments
- Straightwire Bands on upper 1st molars

Appliance Adjustments (Contact Lab):

- Intricate "AS IF" adjustments of Cetlin male post (only) before inserting into Cetlin female tube.
- Perform one adjustment per visit (2-3 weeks apart) and insert adjusted side first
- Correct rotation on one side before other.

Laboratory Requirements:

- Upper stone casts
- Centric wax bite
- Straightwire Bands

Treatment 4-6 months:

- Active Phase: 2-3 months
- Holding Phase: 2-3 months



Cetlin Lip Bumper

Activation of lip bumper will control lip pressure while allowing allow tongue to align lower anterior teeth .

Indications for Lip Bumper Treatment:

- Reduce lip pressure to alleviate lower anterior crowding.
- Molar distalization using lip/tongue pressure to alleviate lower anterior crowding.
- Molar anchorage.

Appliance Components:

- Cetlin Lip Bumper
- Cetlin Buccal Tubes on 1st molar bands.
- 3/16" 2 1/2 ounce elastic to hook on lip bumper and straightwire attachment to secure lip bumper.

Appliance Adjustment:

- Adapt lip bumper away from gingiva margin approximately 1mm per month for activation.
- Maintain parallel alignment of Cetlin male/female buccal components to avoid unwanted rotation of the lower 1st molars.
- Can be fixed with 1/4" 2 1/2ounce elastics from hooks on lip bumper to molar hooks.

Laboratory Requirements:

- Upper and lower stone casts
- Centric wax bite
- Straightwire Bands

Treatment:

- Approximately 6 months.

Very Important Note:

Please indicate if the patient has an anterior open bite so the laboratory can adapt the TPA away from the palate to provide intrusive force on molars.

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