

# ORTHO PROMOTIONS



## ESSIX RETAINER

These retainers come in a transparent plastic form that fits neatly over one's teeth. They are typically molded to match a patient's teeth exactly, so there is a tight and snug fit to them. Though you may not notice your teeth move, they often do and will without proper supervision. The tight molding of an Essix retainer prevents movement and keeps your teeth in place.



## BAND AND LOOP

This appliance reserves the space in a child's mouth until their permanent teeth come in. This piece is placed on a tooth adjacent to the missing tooth, to reserve space for the permanent molar to come in, which prevents crowding and misalignment of the teeth.



## FIXED LINGUAL RETAINER

Fixed, or permanent retainers are made of metal wire that is glued to your teeth to keep them from shifting or moving. Usually the wire is smooth and solid, or has a braided texture. Orthodontists usually recommend a permanent retainer after braces to prevent them from shifting back to their original place, or if you have difficulty following guidelines for removable retainers.

## HAWLEY RETAINER

This oral appliance is a customized removable appliance created for the noninvasive treatment of snoring and obstructive sleep apnea (OSA). The appliance is designed to both advance the mandible and open the bite to allow for less restricted airflow during sleep. It has many options for advancement with nine strap lengths (13 mm–21 mm) and four different elastic tension options, indicated by color. The shorter the strap, the farther the mandible is advanced. The 36 different straps allow for the most effective repositioning of the jaw with maximum comfort.



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## LHA (LINGUAL HOLDING ARCH)

A device that connects two molars in the upper or lower dental arch. The Lower Lingual Holding Arch is designed to maintain the position of the lower molars as the primary teeth are falling out. It consists of two metal bands cemented onto two lower molars. Attached to the bands is a U-shaped bar. This appliance is worn and remains in place until permanent teeth begin erupting.



## NANCE APPLIANCE

Used to expand or rotate the upper molars, or to hold molars in place. The Nance appliance fits comfortably along the roof of the mouth with bands that are placed on the upper arch of the two back molars. A wire connects the bands and a small piece of acrylic is located at the center of the wire.

## RPE (RAPID PALATAL EXPANDER)

Attached to the upper molars through bonding or by cemented bands, the Rapid Palatal Expander is an orthodontic device used to create a wider space in the upper jaw. It is typically used when the upper jaw is too narrow for the lower jaw or when the upper teeth are crowded or blocked out of the dental arch. By simply activating the expander through turning a screw in the center, with a special key, gradual outward pressure is placed on the left and right halves of the upper jaw. This pressure causes an increased amount of bone to grow between the right and left halves of the jaw, ultimately resulting in an increased width.



## HABIT APPLIANCE

The Habit Appliance is for patients who have oral habits that can be harmful to the alignment of the teeth. The appliances are usually fixed or cemented on the upper first permanent molars. Bands on these molars have wires soldered to them that run across the roof of the mouth near the back of the upper front teeth. The thumb appliance has a wire screen that prevents the thumb or finger from resting on the roof of the mouth. Habit appliances need no adjustments and have no active effect on teeth.