

NiTi Archwire as Fixed Lingual Retainer-A Modified Technique

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Certain malocclusions require permanent retaining device. For example midline diastema, generalized spacing, severe rotation cases. If retainer is not given to patient, it will cause relapse in a patient. Advantages of retainer is to maintenance of newly positioned teeth after correction of malocclusion. Disadvantages of retainer is patient motivation is required for wearing the appliance [1].

Generally, coaxial wires (Figure 1) or retainers can be made from ligature wires (Figure 2). But, we can use flexible NiTi arch wire for retainer such as 0.12 NiTi arch wire (Figure 3). It can be placed at the lingual surface of upper and lower teeth and fixed as fixed lingual retainers are placed [2].

**Figure 2:** ligature wire as retainer.**Figure 1:** Coaxial wire as retainer.**Figure 3:** 0.012 NiTi arch wire (lower).

How to fabricate?

Cut 0.012 NiTi arch wire (Figure 1) from canine to canine by placing on the lingual surface of central, lateral n canine teeth on both sides of the midline in each arch [3].

Advantages of NiTi arch wire as lingual retainer [4,5].

No need of fabrication with the ligature wire. Less chair side time is required to fix it.

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