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## ***The making of orthodontic clear retainer***

### ***Pembuatan clear retainer ortodonti***

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### **Abstract**

Background: Orthodontic treatment is a treatment related changes in the relationship occlusion of the teeth contact. After treatment using active appliances it, is necessary to continue using retention appliances to hold the teeth, to avoid the tendency to return to its original position or relapse. Duration of retention is determined by the amount of tooth which is moved, condition of occlusion, age, etiology of malocclusion, the speed of movement, health periodontal, muscle tension, proximal contacts and individual variations. Retainer is used for in 3-month full day and then at night for 3 months. Purpose: This study was aimed to know about of clear orthodontic retainer as well as the manufacturing process. Review: Retainer is used to hold teeth in qualified ideal esthetic position and function after treatment. There are several retention devices that can used, they are Hawley retainer, fixed bonded retainer and clear retainer. Clear retainer is more popular to used in recent years because of shorter production time. Conclusion: Clear retainers use a transparent flexible material so it is more esthetic. Positioner type retention device has several advantages that can maintain the occlusal relationship and position of the teeth while the disadvantages is its thickness that can be disturbed the speech. Osamu retainer is more esthetic and do not disturb the pronunciation, but it is made from flexible plastic and should not be cleaned with boiling water.

Keyword : Orthodontic, retention, device, Clear, retainer, ,

### **Abstrak**

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