

**KEGOYANGAN GIGI PENYANGGA AKIBAT PEMAKAIAN GIGI  
TIRUAN SEBAGIAN LEPASAN RESIN AKRILIK**

**(ABUTMENT TEETH MOVEMENT DUE TO THE USE OF ACRYLIC  
RESIN REMOVABLE PARTIAL DENTURE)**

**ABSTRACT**

**Background.** Excessive stress on abutment teeth adjacent to a periodontal defect during the loading of acrylic resin removable partial denture in years. Those defect may leads a movement on abutment teeth. **Purpose.** To assess the effect of acrylic resin removable partial denture use against the movement of its abutment teeth; and to investigate the effect of several factors amongst the denture exertion on periodontal health for patients using this type of prosthesis. **Methods.** Thirty-one patients wearing acrylic resin removable partial dentures for among 1 to 4 years were included in the study. Patients were clinically examined and given a number of questions about the prosthesis handlings. **Result.** Among the 31 patients, 16 were recorded to have some movements on the abutment teeth. In addition there was a stastically significant result supported by other factors. **Conclusion.** Teeth used as direct abutments for acrylic resin removable partial dentures are periodontally affected to a movement of the teeth itselfes.

**Keyword:** Teeth movement, abutment, acrylic resin partial denture, periodontium.