



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





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# شبكة المعلومات الجامعية

## التوثيق الالكتروني والميكرو فيلم

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

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# بعض الوثائق الأصلية تالفة



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بالرسالة صفحات  
لم ترد بالأصل

# **The Effect of Bonding Agent on The Attachment of Acrylic Resin to Metallic Frameworks**

**Thesis**

*Submitted to the Faculty of Dentistry*

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By

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B o o

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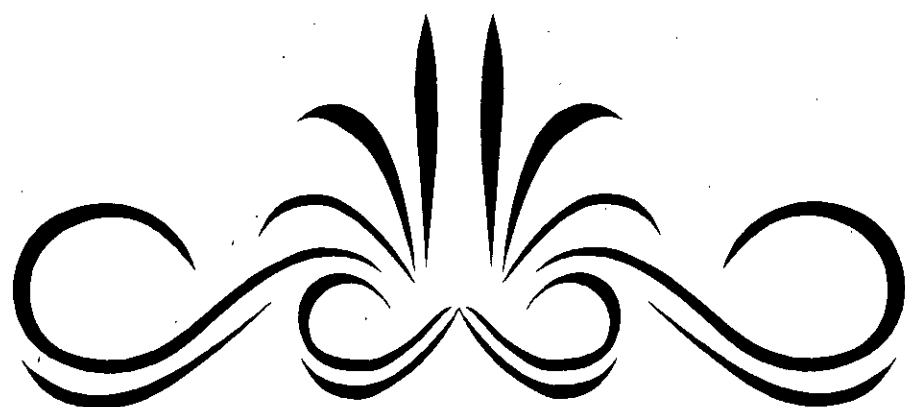
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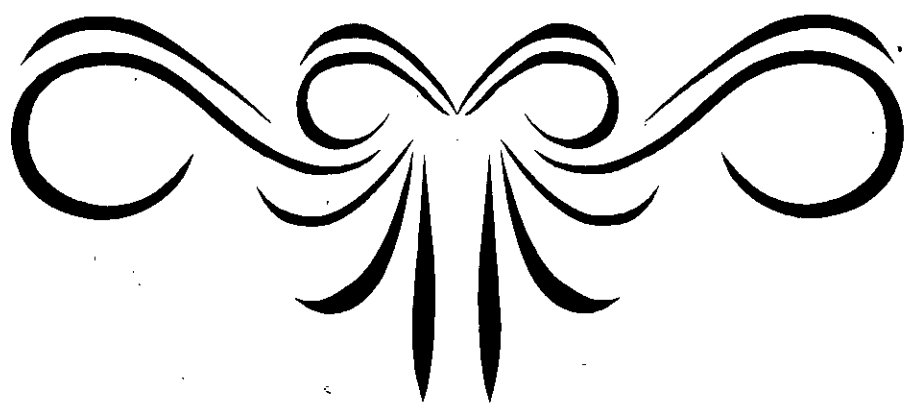
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# **INTRODUCTION**



## INTRODUCTION

Removable partial dentures (RPD) have been widely used, more than any other restoration for partially edentulous patients, as it was capable of providing physiologically sound treatment for most patients needing partial denture restoration.<sup>(1)</sup>

The RPD is a prosthesis that is composed of artificial teeth attached to a denture base. The denture base is a part of RPD that rests on the foundation tissues and to which teeth are attached.<sup>(2)</sup>

The use of RPD might be preferred whenever tooth bounded edentulous spaces were too large to be restored safely with fixed partial dentures, or when cross arch stabilization and wider distribution of forces to the supporting teeth and tissues were desirable.<sup>(1)</sup>

Most RPD were constructed of a cast metal base that fitted over the residual ridge and acrylic resin which was processed to the metal base to retain artificial teeth, restore lost tissue contours and enhance esthetics.<sup>(1)</sup>

Since 1946, 95% of denture bases were made of polymethylmethacrylates (PMMA), a material that was chosen based on availability, dimensional stability, handling characteristics and color compatibility with the oral tissues.<sup>(3)</sup>