

Mona maghraby



بسم الله الرحمن الرحيم

مركز الشبكات وتكنولوجيا المعلومات

قسم التوثيق الإلكتروني



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

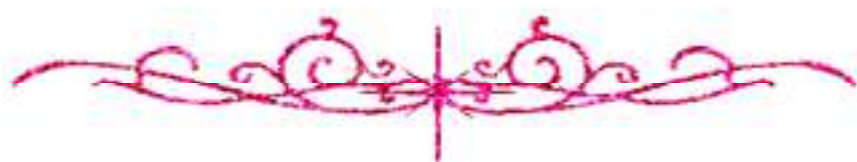
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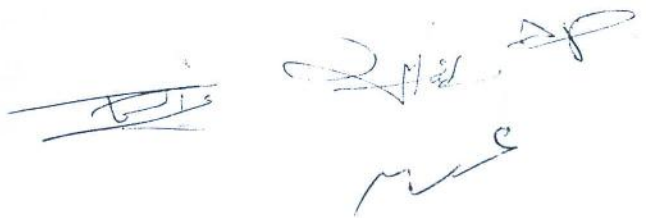
**THE EFFECT OF TEMPERATURE ON SOME
MECHANICAL PROPERTIES OF ZIRCONIA
AS AN IMPLANT MATERIAL**

Thesis

*Submitted for partial fulfillment of Master Degree
In PROSTHODONTICS*

BY

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Three handwritten signatures in black ink, located in the lower right quadrant of the page. The signatures are stylized and appear to be of the author and two reviewers.

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بسم الله الرحمن الرحيم

قالوا سبحانك لا علم لنا إلا ما علمتنا
إنك أنت العليم الحكيم

صدق الله العظيم
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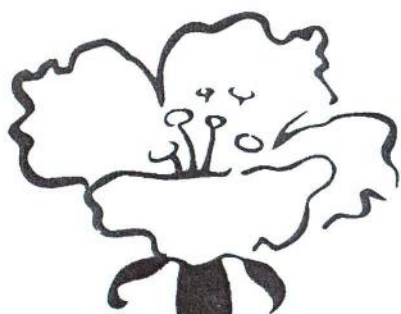
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Ahmed

2000



To

*My parents, wife
and my children*

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INTRODUCTION

INTRODUCTION

Loss of alveolar bone, following extraction of teeth was considered as unsolved problem for both dentist and patients all over the world.

Preserving of alveolar ridge by intentional retention of teeth under the denture is a necessary logical concept.

Overdenture therapy with sectioned tooth above the gingival level, and root submergence, in which the coronal portion of the tooth is removed slightly below the alveolar bone and the roots covered with a mucoperiosteal flap have been investigated with a wide spread clinical use.

However, a variety of annoying problems accompanied with that line of treatment such as periodontal disease, carries, ankylosis with occurrence of root resorption. Several researchers have been found that implant which act as space fillers after extraction of tooth delay resorption of residual alveolar ridge (Denissen and de Groot, 1979).

Various types and techniques of implant were introduced for ridge maintenance.

Regarding the implant material; it could be classified into metallic, non-metallic and combination of both.