



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل

B 1. (184)

**AN INVESTIGATION ABOUT THE EFFECT OF
SOME TEMPORARY RESTORATIVES ON THE
SHEAR BOND STRENGTH OF COMPOSITE TO
DENTIN**

Thesis

Submitted to the Faculty of Oral and Dental Medicine

Cairo University

In partial fulfillment of the requirements for the
Master Degree in Dental Surgery
(Operative Dentistry)

By

Doaa Abdel-Latif El-Sharkawy

B.D.S. (Cairo)

1995



Faculty of Oral and Dental Medicine

Cairo University

2001

بسم الله الرحمن الرحيم

(قالوا سبحانك لا علم لنا إلا ما علمتنا إنك أنت

العليم الحكيم)

صدق الله العظيم

(آيه ٣٢ سورة البقرة)

SUPERVISORS

Dr. MOHAMED TAHER AHMED

Professor,

Operative Dentistry Department,

Faculty of Oral and Dental Medicine,

Cairo University

Dr. ELHAM MOSTAFA MOHAMED FAWZI

Lecturer,

Operative Dentistry Department,

Faculty of Oral and Dental medicine,

Cairo University

DEDICATION

*To my mother and father for their endless
love, support and encouragement.*

ACKNOWLEDGEMENTS

I would like to express my sincere thanks and appreciation to my supervisor, Dr. Mohamed Taher Ahmed, Professor of Operative Dentistry, Faculty of Oral and Dental Medicine, Cairo University, for his kind supervision and generous assistance.

I would also like to thank Dr. Elham Mostafa Mohamed Fawzi, Lecturer of Operative Dentistry, Faculty of Oral and Dental Medicine, Cairo University, for her fruitful instructions, devotion and unfailing guidance.

I would like to thank Dr. Hany Shams El-Deen Salama, Professor of Operative Dentistry, Faculty of Oral and Dental Medicine, Cairo University, for his support and assistance.

Finally, I would like to thank Dr. Mohamed Ali El-Yassaki, Assistant professor and chairman of Operative Dentistry Department at Azhar University for his support and encouragement.

LIST OF CONTENTS

Acknowledgements	i
List of Tables.....	iii
List of Figures.....	v
Introduction.....	1
Review of Literature.....	3
Aim of the Study.....	30
Materials and Methods.....	31
Results.....	48
Discussion.....	75
Summary and Conclusions.....	81
References.....	84
Appendix.....	91
Arabic Summary.....	--