بسم اللّه الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

بعض الوثائق الأصلية تالفة

Effect of Argon laser Activation on Some Properties of Different Composite Resins

Thesis

Submitted to The Faculty of Dentistry in Partial Fulfillment of The Requirements for The Degree of Doctor of Philosophy in Basic Dental Science

(Dental Materials)

By

Gihan Ali Abd El-Rahman

B.D.S, Msc. (Cairo)

Assistant lecturer, Department of Bio-Materials,

Faculty of Oral and Dental Medicine,

Cairo University

Cairo University

2001

Supervisors

Dr. Abd El Hadi Mohamed Amin

Professor of Dental Materials
Department of Biomaterials
Cairo University

And

Dean of the High Institute of
Dental Technicians
Cairo University

Dr. Nahed Galal Bakir

Professor of Dental Materials
Department of Biomaterials
Cairo University

Dr. Mohamed Abd El-Harith Mohamed

Professor of Laser Physics
National Institute of Laser Enhanced Science (NILES)

ACKNOWLEDGEMENT

I am greatly indebted to Dr. Abd El Hadi Amin, Professor of Dental Materials, Cairo University. He both assisted and encouraged me throughout this research.

To Dr. Nahed Bakir, Professor of Dental Materials, Cairo University. Thanks and appreciation are due to her for all what she has sincerely done for me.

To Dr. Mohamed Abd El Harith, Professor of Laser Physics, National Institute of Laser Enhanced Science (NILES). Thanks are fully due for his knowledge, valuable advice and help.

To Dr. Inas El Attar, thanks are expressed for her advice in the statistical analysis of data.

To the staff of the Bio-materials Dept., thanks for their encouragement, help and advice.

I would also like to thank my mother for her love and support all the time.

Last but not least is my special gratitude and appreciation to my husband Alaa for his love, encouragement and support allthrough.

CONTENTS

List of Tables

List of Figures