

بسم الله الرحمن الرحيم



-C-02-50-2-





شبكة المعلومات الجامعية التوثيق الالكتروني والميكرونيلم





جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة يعيدا عن الغيار













بالرسالة صفحات لم ترد بالأصل



"The Effect of Repair Site Preparation on Color Matching and Blend Effect of Resin Composite on Polymer Infiltrated Ceramic"

A Thesis Submitted to Fixed Prosthodontics Department Ain-Shams University for the Partial Fulfillment of the Requirements of the Master Degree in Fixed Prosthodontics

By

Ehab Mahmoud El-Maghraby

B.D.S Faculty of Dentistry, Modern Science and Arts University (2013)

Email:Bebomdeen@gmail.com

Phone Number: +2 01126294631

Faculty of Dentistry Ain Shams University 2020

Supervisors

Dr. Marwa Mohamed Wahsh

Associate Professor of Fixed Prosthodontics Department Faculty of Dentistry, Ain Shams University

Dr. Amr Saleh Al-Etreby

Associate Professor Fixed Prosthodontics Faculty of Dentistry, Ain Shams University

Dr. Ghada Abd-El Fattah Abd-El Sattar

Lecturer Fixed Prosthodontics Faculty of Dentistry, Ain Shams University

Acknowledgments

First and foremost, I feel always indebted to Allah the Most Beneficent and Merciful.

I wish to express my deepest thanks, gratitude and appreciation to Dr. Marwa Mohamed Wahsh, Ass. Professor of Fixed Prosthodontics Department, Faculty of Dentistry, Ain Shams University, for her meticulous supervision, kind guidance, valuable instructions and generous help.

Special thanks are due to Dr. Amr Saleh Al-Etreby, Ass. Professor of Fixed Prosthodontics, Faculty of Dentistry, Ain Shams University, for his sincere efforts, fruitful encouragement.

I am deeply thankful to Dr. Ghada Abd-El Fattah Abd-El Sattar, Lecturer Fixed Prosthodontics, Faculty of Dentistry, Ain Shams University, for her great help, outstanding support, active participation and guidance.

I would like to express my hearty thanks to all my family for their support till this work was completed.

Ehab Mahmoud El-Maghraby

List of Contents

Title	Page No.
List of Tables	i
List of Figures	ii
Introduction	1
Review of Literature	3
Statement of the Problem	27
Study Objectives	28
Materials and Methods	29
Results	49
Discussion	58
Summary	65
Conclusion	68
Recommendations	69
References	70
Arabic Summary	

List of Tables

Table No	o. Title	Page No.
Table 1:	Materials used, their batch numbers, checomposition and manufacturers:	
Table 2:	Evaluation chart for the visual scoring: .	48
Table 3:	Descriptive statistics for color different for different groups	
Table 4:	Effect of different variables and interactions on color difference (ΔE)	
Table 5:	Mean \pm standard deviation (SD) of difference (ΔE) for different composite ty	
Table 6:	Mean \pm standard deviation (SD) of difference (ΔE) for different design preparation extension	gns of
Table 7:	Mean \pm standard deviation (SD) of difference (ΔE) for different composite and preparation extension designs	e types
Table 8:	Visual scoring of all the observers for samples:	