

# بسم الله الرحمن الرحيم





# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

## قسم

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علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



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# بعض الوثائق الأصلية تالفة







بالرسالة صفحات  
لم ترد بالأصل



# **Effect of Two Surface Treatments of Lithium Disilicate on the Flexural Strength after Debonding by Er,Cr:YSGG Laser Irradiation**

A Thesis submitted for the partial fulfillment of Master Degree requirements in Fixed Prosthodontics Faculty of Dentistry, Ain Shams University

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## **Dedication**

To My Happily Ever After

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My Greatest Supporter my Mother

**Camilia Kamel**

My Amazing Dad

**Mahmoud Bastawy**

My Brother & Sisters & Nephews

My Friends who encourage, support me, and who always  
standing by me

# List of Contents

Title	Page No.
List of Tables .....	i
List of Figures .....	ii
List of Abbreviations .....	iv
Introduction.....	1
Review of Literature .....	4
Statement of Problem .....	29
Aim of the Study.....	30
Materials & Methods .....	31
Results.....	65
Discussion.....	79
Summary.....	87
Conclusion .....	90
Clinical Recommendations .....	91
References.....	92
Arabic Summary .....	—





# List of Tables

Table No.	Title	Page No.
<b>Table 1:</b>	Showing the materials used in this study. ....	31
<b>Table 2:</b>	Showing the Chemical composition of IPS E.max CAD Standard composition (in % by weight) .....	32
<b>Table 3:</b>	Mechanical properties of IPS E.max CAD Blocks .....	33
<b>Table 4:</b>	Showing the composition of RelyX™ Veneer .....	34
<b>Table 5:</b>	Showing the composition of RelyX™ Ultimate.....	35
<b>Table 6:</b>	Showing the composition of 3M ESPE Single Universal Bond. ....	36
<b>Table 7:</b>	Showing Sample Grouping.....	39
<b>Table 8:</b>	Showing the Firing cycle.....	48
<b>Table 9:</b>	Laser de-bonding Parameters .....	57
<b>Table 10:</b>	Showing Laser Surface Modification Parameters .....	61
<b>Table 11:</b>	Two-way ANOVA results for the effect of different variables on mean biaxial flexural strength.....	66
<b>Table 12:</b>	The mean, standard deviation (SD) values and results of two-way ANOVA test for comparison between biaxial flexural strength of the two thicknesses regardless of surface treatment .....	67
<b>Table 13:</b>	The mean, standard deviation (SD) values and results of two-way ANOVA test for comparison between biaxial flexural strength of the four surface treatments regardless of thickness .....	68
<b>Table 14:</b>	The mean, standard deviation (SD) values and results of two-way ANOVA test for comparison between biaxial flexural strength values with different interactions of variables.....	70
<b>Table 15:</b>	Descriptive statistics and results of Mann-Whitney U test for comparison between de-bonding times (sec.) with the two thicknesses .....	72
<b>Table 16:</b>	Descriptive statistics and results of Kruskal-Wallis test for comparison between debonding times (sec.) of different surface treatments .....	73

# List of Figures

Fig. No.	Title	Page No.
<b>Figure 1:</b>	Electromagnetic Spectrum.....	14
<b>Figure 2:</b>	Laser Components .....	14
<b>Figure 3:</b>	E.max CAD Block (A3LT) .....	32
<b>Figure 4:</b>	RelyX™ Veneer .....	33
<b>Figure 5:</b>	RelyX™ Ultimate .....	34
<b>Figure 6:</b>	3M ESPE Single universal Bond.....	35
<b>Figure 7:</b>	Meta Etchant.....	36
<b>Figure 8:</b>	Porcelain Etchant.....	37
<b>Figure 9:</b>	Porcelain Primer .....	37
<b>Figure 10:</b>	Bovine Tooth .....	40
<b>Figure 11:</b>	Ready- made Plastic Mold.....	41
<b>Figure 12:</b>	After injection of acrylic resin.....	41
<b>Figure 13:</b>	Depth Cutting stone of 0.5 mm .....	42
<b>Figure 14:</b>	Depth Grooves of 0.5 mm .....	42
<b>Figure 15:</b>	Showing flattening of surface using wheel stone .....	43
<b>Figure 16:</b>	Wheel stone was used to do depth grooves .....	43
<b>Figure 17:</b>	Depth Grooves for 1mm .....	44
<b>Figure 18:</b>	Finishing of the preparation.....	44
<b>Figure 19:</b>	Verification of block diameter using digital caliper .....	45
<b>Figure 20:</b>	Isomet 4000,Buehler, USA used for block sectioning .....	46
<b>Figure 21:</b>	Block Sectioning by Isomet 4000.....	46
<b>Figure 22:</b>	Thickness verification of Group 1(0.5mm) .....	47
<b>Figure 23:</b>	Thickness verification of Group 2 (1mm) .....	47
<b>Figure 24:</b>	Application of IPS Emax Glaze.....	49
<b>Figure 25:</b>	Ceramic Furnace .....	49
<b>Figure 26:</b>	Discs are allowed to cool at room temperature .....	50
<b>Figure 27:</b>	Thickness verification of Group 1(0.5mm) after crystallization.....	50
<b>Figure 28:</b>	Thickness verification of Group 2 (1mm) after crystallization .....	51
<b>Figure 29:</b>	Application of hydrofluoric acid surface treatment.....	52
<b>Figure 30:</b>	Lithium disilicate surface after dryness.....	52
<b>Figure 31:</b>	Application of Phosphoric acid etch.....	53
<b>Figure 32:</b>	Application of universal bonding agent.....	54

<b>Figure 33:</b> Resin Cement application .....	55
<b>Figure 34:</b> Seating the ceramic disc .....	55
<b>Figure 35:</b> Bonding under uniform load.....	56
<b>Figure 36:</b> Er;Cr:YSGG waterlase 2780nm .....	57
<b>Figure 37:</b> Er;Cr:YSGG Gold Handpiece &MGG6 Saffire tip.....	58
<b>Figure 38:</b> Scanning Method .....	59
<b>Figure 39:</b> Showing laser application to disc surface.....	59
<b>Figure 40:</b> Application of Hydrofluoric acid .....	61
<b>Figure 41:</b> Showing laser Surface Treatment.....	62
<b>Figure 42:</b> Instron 3345 biaxial flexural strength testing machine, USA.....	63
<b>Figure 43:</b> Three balls technique.....	64
<b>Figure 44:</b> Bar chart representing mean and standard deviation values for biaxial flexural strengths of the two thicknesses regardless of surface treatment.....	67
<b>Figure 45:</b> Bar chart representing mean and standard deviation values for biaxial flexural strength of different surface treatments regardless of thickness.....	69
<b>Figure 46:</b> Bar chart representing mean and standard deviation values for biaxial flexural strengths of different variables .....	71
<b>Figure 47:</b> Box plot representing median and range values for de-bonding times with the two thicknesses (Circles and star represent outliers).....	72
<b>Figure 48:</b> Box plot representing median and range values for debonding times of different surface treatments (Circles and star represent outliers) .....	74
<b>Figure 49:</b> SEM before bonding 0.5 mm .....	75
<b>Figure 50:</b> SEM before bonding 1 mm .....	75
<b>Figure 51:</b> SEM after laser de-bonding 0.5 mm.....	76
<b>Figure 52:</b> SEM after laser de-bonding 1mm.....	76
<b>Figure 53:</b> SEM after laser de-bonding and hydrofluoric acid surface treatment 0.5 mm .....	77
<b>Figure 54:</b> SEM after laser de-bonding and hydrofluoric acid surface treatment 1 mm .....	77
<b>Figure 55:</b> .SEM after laser de-bonding and laser surface treatment 0.5 mm	78
<b>Figure 56:</b> SEM after laser de-bonding and laser surface treatment 1 mm .....	78



# List of Abbreviations

Abb.	Full term
CAD/CAM .....	Computer-aided design/computer-aided manufacturing
Er,Cr:YSGG .....	Erbium, chromium:yttrium-scandium-gallium-garnet
Er:YAG.....	Erbium:yttrium-aluminum-garnet
FDA .....	Food and Drug Administration
Nd:YAG.....	Neodymium-doped yttrium aluminum garnet
SBS .....	Shear bond strength
SEM .....	Scanning Electron Microscope