بسم الله الرحمن الرحيم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

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 بعيدا عن الغبار

MONA MAGHRABY

Effect of Dimethyl Sulfoxide Pretreatment on Dentin Wettability and Resin-Dentin Bond Strength; an in vitro study

Thesis
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Dedication

*I would like to **dedicate** this work to;*

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***My husband**, my life partner, who genuinely supported and helped me throughout the work and who is always there for me.*

*Finally to **my lovely sister**, my support system and problem solver.*

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10-MDP: Methacryloyloxydecyl dihydrogen phosphate
Bis-GMA: Bisphenol-A glycidyl methacrylate
CA: Contact angle
DMSO: Dimethyl Sulfoxide
ECM: extracellular organic dentinal matrix
EDC: Carbodiimide
E&R: Etch and rinse:
EWB: Ethanol wet bonding
GD: Gluteraldehyde
H-bonding: Hydrogen Bonding
HEMA: Hydroxy-ethyl methacrylate
HL: hybrid layer
MTBS: Micro-tensile bond strength
MMP: Matrix metallo-protienase
OCA: Optical clearing agent
SB2: Single bond 2 adhesive
SBU: Single bond universal
SBS: Shear bond strength
SE: Self-Etch
UDMA: Urethane dimethacrylate
WT: Weight