# وسع الان الدعن الدعيم

ति गैं। धि कीर प्र नेहोनी तै। कि गैं। कि भैं के के के के विष्यों के मुर्की व्यार्थ के के

مياضا الله النطيم

صورة البقرة الأية (١٣)

بسم الله الرحمن الرحيم

" هالوا سبحانك لا علم لنا الا " هيكمال هيلعال حين أخلا المحكيم "

حدق الله العظيم

سورة البقرة (٣٢)



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# صرق (لله العظيم

سورة البقرة الآية (٣٢)

#### The Effect of Different Treatment Modalities on the Ultra-structure and Composite Bond Strength of Saliva and Blood Contaminated Etched Enamel Surface

Thesis
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of Oral and Dental Medicine, Cairo University
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# دراسة تأثير بعض المعاملات على التركيب الدقيق و قوة التصاق الحشوات الراتنجية على أسطح المينا المخربشة و التي لوثت باللعاب أو الدم

ر سالة مقدمة من

# عبلة عبد الحي عرفة

بكالوريوس طب وجراحة الفم و الأسنان ماجستير طب أسنان الأطفال و التقويم كلية طب الفم و الأسنان جامعة القاهرة مدرس مساعدبقسم طب أسنان الأطفال وصحة الفح جامعة مصر الدولية

توطئة لاستكمال متطلبات الحصول على درجة الدكتوراة في قسم طب أسنان الأطفال وصحة الفم وصحة الفم كلية طب الفم والأسنان جامعة القاهرة

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#### Recommendations

- 1- When etched enamel surface get contaminated, it should be immediately washed thoroughly with air water spray and air dried before being re-etched or decontaminated with the application of sodium hypochlorite solution then precede other steps as usual.
- 2- Repeated etching or application of sodium hypochlorite may result in weakened etched enamel surface.
- 3- Proper isolation whether using the rubber dam or cotton rolls is essential for obtaining successful resin bonding to enamel surface.

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#### DEDICATION

I dedicate this work:

To the memory of my mother,

To the memory of my father,

To my beloved husband for his wonderful and unlimited support and to my lovely kids Mohamed & Nour.

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