

ثبات اللون و الوميض لرقائق هجين السيراميك مغمورة في محاليل تلونية مختلفة

رسالة مقدمة الى قسم التركيبات الثابتة
تمهيدا للحصول على درجة الماجستير فى التركيبات الثابتة
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٢٠٠٤

٢٠١٦

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كلية طب الأسنان

2016

مقدمة ،،،

يؤثر مظهر الشخص في الحياة، والوضع، والتقييم الذاتي. و لذلك فإن الأسنان ذات المظهر الصحي هي سمة هامة و تؤثر علي احترام الذات والثقة بالنفس. ولذلك، فإن الجانب الجمالي من العناية بالأسنان له أهمية متزايدة. صيانة اللون طوال مدة وظيفية من الترميم مهم لقوة التحمل للعلاج. ان المواد قوية الالتصاق إلى النسيج السنية الصلبة وذات الخصائص الجمالية أصبحت متاحة على نحو متزايد. ومع ذلك، معظم هذه المواد تعاني تدهور إلى حد ما حيث أنها تحصل على الظلام وفقدان الشفافية والمعان.

هدف البحث

صمم هذا البحث لدراسة تأثير محاليل مختلفة على استقرار اللون و الوميض في ثلاثة أنواع من السيراميك:

1. فيتا ايناميك
2. الحمم النهائي
3. فيتا كتلة مارك الثاني

الأساليب والمواد:

المواد:

- أ- . فيتا ايناميك.vita Enamic
- ب- الحمم النهائي.lava ultimate
- ت- فيتا كتلة مارك الثاني II vita block mark

و يستخدم المحاليل الاتية:

- أ- -القهوة.
- ب- -الشاي
- ت- -بيبيسي
- ث- - المياه

الأساليب:

تم تقطيع ستون عينه بنفس المقاسات على شكل شرائح من كل مادة (عشرون شريحة من كل مادة) ثم تم تقسيم كل واحد منهم إلى أربع مجموعات وفقا لنوع المحلول المستخدم (خمس شرائح من كل مادة في كل مجموعة). تم تنفيذ فحص اللون باستخدام آلة اختبار متعارف عليها من قبل الانغماس في المشروبات. أيضا تم فحص الوميض باستخدام آلة اختبار.

تم وضع كل خمسة شرائح في محلول و تم وضع كل المحاليل في حضانة عند درجة حرارة 37 درجة مئوية لمدة اربع اسابيع. ثم تم فحص اللون والوميض بعد الاربع اسابيع.

الاستنتاجات:

تم الحصول على الاستنتاجات الآتية في حدود هذه الدراسة:

- الملونات في المحاليل المختلفة يمكن ان تؤثر على اللون و الوميض لمواد الاسنان المختلفة.
- Lava ultimate لديه اقل قدرة على استقرار اللون و اكثر تغير في حدة الوميض عن المواد الاخرى المستخدمة.
- القهوة هو اكثر محلول مؤثر على اللون و حدة الوميض.

Color stability and fluorescence of hybrid ceramic laminates immersed in different staining solutions

Thesis submitted to fixed prosthodontics department. Faculty of dentistry
Ain shams university for partial fulfillment of the requirements of the
Master degree in Fixed prosthodontics

By

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2016

Dedication

This work is dedicated to

The soul of my father

Without his support and love

I wouldn't be the person I am now

My amazing family

**The source of support and enthusiasm
for me**

**My friends and colleagues for their
encouragement and cooperation**

Acknowledgement

First and foremost, thanks to **ALLAH** the most beneficent and most merciful for granting me patience to accomplish my work.

There are people whom I want to thank for their contribution and support.

First I would like to thank **Dr. Amina Mohamed Hamdy** professor of Fixed Prosthodontics Deperatement for her meticulous supervision and fruitful criticism.

Also, I would like to thank **Dr. Ayman Galal El Dimeery** for his valuable advices, comments and his patience in reading and correcting my thesis.

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