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Esthetic and Bonding Enhancement of Tooth Colored Indirect Restorations

A.A. El Zohairy

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Esthetic and Bonding Enhancement of Tooth Colored Indirect Restorations

ACADEMISCH PROEFSCHRIFT

Ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
Prof. mr. P.F. van der Heijden
ten overstaan van een door het college voor promoties ingestelde
commissie in het openbaar te verdedigen in de Aula der Universiteit
op dinsdag 20 januari 2004, te 10:00 uur

door

Ahmed Abd El Fattah Mohamed El Zohairy

geboren te Doha, Katar

Promotiecommissie:

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Prof. dr. A.J.Feilzer

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Faculteit der Tandheelkunde

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For my wife and children

This thesis is based on the following publications:

Denissen HW, El-Zohairy AA, van Waas MA, Feilzer AJ. Porcelain-veneered computer-generated partial crowns. Quintessence Int 2002; 33: 723-730.

El Zohairy AA, De Gee AJ, Mohsen MM, Feilzer AJ. Microtensile bond strength testing of luting cements to prefabricated CAD/CAM ceramic and composite blocks. Dent Mater 2003; 19: 575-583.

El Zohairy AA, De Gee AJ, Hassan FM, Feilzer AJ. The effect of adhesives with various degrees of hydrophilicity on resin ceramic bond durability. Dent Mater, in press.

El Zohairy AA, De Gee AJ, Mohsen MM, Feilzer AJ. Effect of conditioning time of self-etching primers on dentin bond strength of three adhesive resin cements. Dent Mater, accepted for publication.

El Zohairy AA, De Gee AJ, de Jager N, Ruijven LJ, Feilzer AJ. The influence of specimen attachment and dimension on the microtensile Strength. J Dent Res, submitted for publication.

Abstracts and presentations:

El Zohairy A, De Gee AJ, Pallay P, Feilzer AJ, Davidson CL. Microtensile bond strength testing of luting cements to ceramic and composite inlay materials. Poster presentation: annual meeting of the *Continental European Division of the International Association for Dental Research*, 6-8 September, Rome, Italy, 2001.

El Zohairy A, De Gee AJ, Feilzer A, Davidson CL. Long-term micro-tensile bond strength of resin cements bonded to CAD/CAM ceramic blocks. Poster presentation: the 80th General Session of the *International Association for Dental Research*, 6-9 March, San Diego, California, 2002.

El Zohairy A, De Gee AJ, De Jager N, Ruijven LJ, Feilzer AJ. The influence of specimen attachment and dimension on the microtensile strength. Oral presentation: the 81st General Session of the *International Association for Dental Research,* 25-28 June, Gothenborg, Sweden, 2003.