



0271

Application of Clear Silicone on Class IV: Case Report

I. B. KARCI, B. SINGÜN, M. Turkun

DENTISTRY, EGE UNUNIVERSITY, IZMIR, Turkey

Objectives Anterior restorations are challenging for dentists to operate. Mostly trauma patients have fractured anterior tooth that needs to be restored. After trauma if tooth is vital most of the time Class IV restorations needed. On the other hand, esthetic perspective is another factor. Natural tooth morphology and shade selection is important to achieve better esthetics. To achieve natural tooth morphology even skilled operators, need to use dental devices instead of free-hand composite modelling.

Methods Patient referred to Ege University Faculty of Dentistry with esthetic complaint from fractured tooth 11. On the radiographic examination no extraordinary symptoms detected and the tooth is vital. After impression a cast model is obtained. Then wax-up of fractured tooth is made. Newly developed light cured clear resin is used to obtain palatal index. Shade selection is performed with button try-in technique. A3 for dentin and A1 for enamel is selected. Finishing and polishing is performed with discs (3M-Sof-lex) and Optragloss (Ivoclar).

Results Wax-up and application of resin based clear matrices help dentists to achieve natural tooth morphology of tooth 11. Both patient and dentist is satisfied from the final restoration.

Conclusions Wax-up and application of resin based clear matrices help dentists to achieve natural tooth morphology of tooth 11. Both patient and dentist is satisfied from the final restoration.