



Crashed racing to school.
Competing in Tour de France,
it will still look great.



To restore his teeth and confidence after the accident, his dentist used Filtek™ Supreme XTE Universal Restorative. It provides:

- 100% nanofiller technology
- Exceptional handling
- Excellent wear-resistance for long-term performance**
- Unsurpassed gloss retention

Years later, as he barrels across the finish line on the *Champs-Elysées*, he'll still have a winning attitude...and a winning smile.

Restore a smile. Change a life.

© 3M 2012. All rights reserved. 3M, ESPE and Filtek are trademarks of 3M or 3M ESPE.
*Data on file
***in vitro* data on file



Filtek™
Supreme XTE
Universal Restorative

Filtek™ Supreme XTE Universal Restorative

Clinical Case: by Dr Terry Wong B.Sc (HONS) Melb B.D.sc (Melb)

Patient Case:

The patient is a 20 yr old male, who sustained damage to his upper right central incisor from a bicycle accident approximately 8 yrs ago. The tooth underwent root canal therapy and the damaged incisal edge was repaired with a composite restoration. According to the patient, the tooth went dark shortly afterwards.

The patient came to see me for correction of the discolouration and also closure of the patient's Diastema.

The patient was going overseas shortly, so there was little time to spare. It was suggested to try non-vital tooth whitening in view of the difficulty on relying on composite resin alone, to mask this dark discolouration. (Figure 1)



Figure 1.

A periapical radiograph was taken to ensure a good root filling was present. The palatal composite was removed. Gutta Percha (GP) was found in the coronal areas and subsequently removed from the coronal space. A glass ionomer seal was placed over the GP before placement of the whitening mixture of sodium perborate/water.

Two applications of the whitening mixture was carried out over 8 days, however the significant reduction in darkness occurred after the first whitening procedure over 6 days. (Figure 2)



Figure 2.

The patient returned on day 8 for the final restoration. The old composite was removed and the access cavity was sealed with glass ionomer. There was minimal labial tooth preparation. The enamel was maintained on the labial surface.

The enamel surface was etched for 15 seconds, rinsed off before the application of one coat of Universal Scotchbond. This was light cured for 10 seconds. (Figure 3)



Figure 3.

The discoloured cervical area was covered with a composite flowable opaque mixture (Creative Colours – Pink: A2.5)

Filtek Supreme XTE was chosen as the composite to complete the case.

A1Dentine shade was applied to the cervical area. White Enamel and XWBody shade combination to the remaining labial surface.

The diastema was closed by the addition of shade A1D to the mesial surface of tooth 11. (Figure 4 & Figure 5)



Figure 4.



Figure 5.

For Further information on Filtek Supreme XTE Universal & Flowable Restoratives, contact 3M ESPE Customer Service 0800 80 81 82 or visit www.3mespe.co.nz