

Twinky Star – CRA Field Study 2003

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In the field of dentistry, children are special patients in many aspects. Their increased sensitivity to pain and unpleasant sounds often leave them terribly frightened and feeling as though they are at the mercy of the dentist. Passively sitting still for an extended period of time alone is difficult for them by nature. Special measures are required to overcome this situation. Twinky Star, the colored restorative from VOCO, addresses this problem. The light-curing material which is based on VOCO's proven compomer technology provides excellent abrasion resistance, compressive and transverse strength as well as a quick and easy application. Moreover, the fluoride release offers protection from secondary caries.

CRA Foundation® Study (USA) 2003

22 American dentists evaluated the clinical application and efficacy of Twinky Star in their offices for the CRA Foundation® (Independent Clinical Research Associates). The overall rating from the evaluation is shown in Fig. 1.

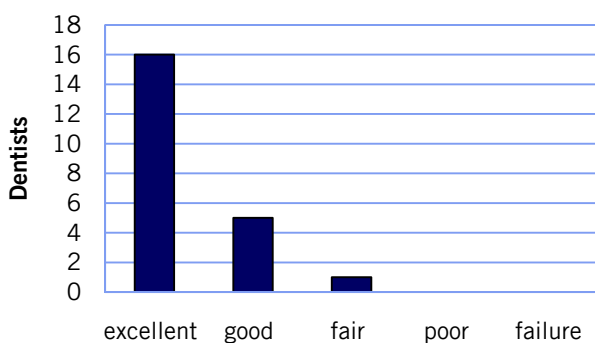


Figure 1: Overall rating

As positive attributes, dentists most frequently cited the high acceptance among children as well as the excellent shade choice and accompanying guide as positive attributes. In second place, the majority praised the superb consistency and workability of the material as well as the fluoride release. Over 90% of the evaluating dentists found that Twinky Star delivers what it promises and recommend it to their colleagues. The main criticism of the remaining 10% was the parental disapproval of the esthetics. A few dentists, however, indicated in the CRA report that there was a distinct advantage in a clearly visible filling, e.g. with a recent restoration.

A few dentists even discovered that the possibility of selecting the color of the filling not only relaxed the children, but also inspired them to have a lasting interest in the condition of their teeth.

Study conclusions:

- children become more cooperative and less frightened during the treatment
- 7 attractive shades with glitter effect, shade guide made from original material
- excellent consistency facilitates quick application
- encourages improved awareness of oral hygiene and overall condition