

Fissurit FX - Retention rate

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The retention rate of several materials was examined in a 1 year clinical study at the University of Zagreb (Croatia). [1]

In this study, the fissures in 326 teeth in children between the ages of 6 and 15 years were sealed with different materials. The treated teeth were evaluated after 12 months according to the modified criteria described by Pardi et al. [2]

Results of the examination

5 categories were defined for the evaluation of the sealings:

- Full retention (FR)
- Partial retention 1 (PR1): loss of 1/3 of the sealing
- Partial retention 2 (PR2): loss of 2/3 of the sealing
- Total loss (TL)
- Caries: independent from the retention of the sealing

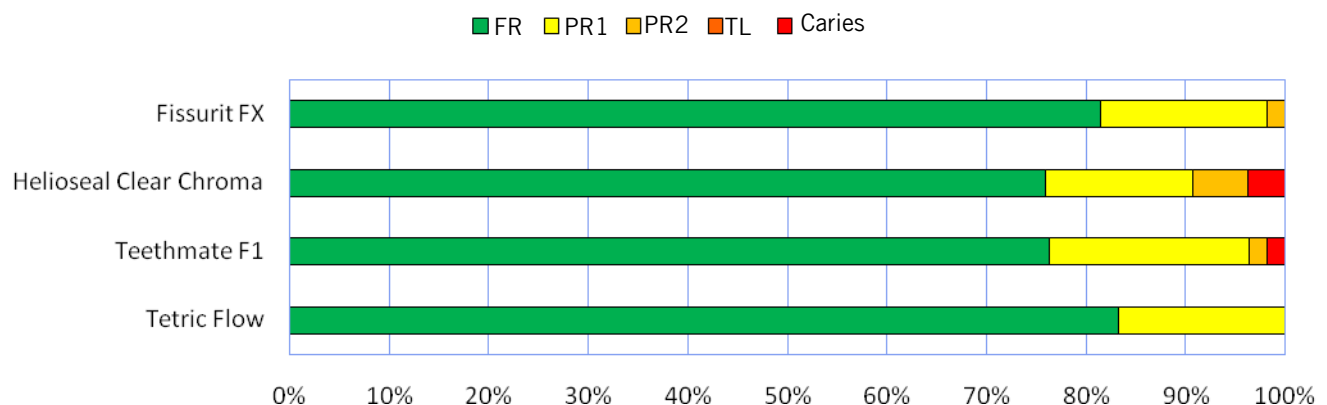


Figure 1: Results of the follow-up examination

Conclusion: Fissurit FX exhibited the highest retention rate from the examined fissure sealants; Caries was not observed in any of the teeth treated with Fissurit F.

[1] W. Dukic, O. Lulic Dukic, S. Milardovic, Z. Vindakijevic, *Coll. Antropol.* **2007**, *4*, 1019-1024.

[2] V. Pardi, A. C. Pereira, F. L. Mialhe, M. C. Meneghim, G. M. Ambrosano, *J. Clin. Pediatr. Dent.* **2004**, *28*, 257-260.