

## **Keberhasilan penetrasi bahan pit & fissure sealant ke dalam fisura menggunakan syringe blue micro tips dan syringe white mini brush tips (laporan penelitian)**

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20438094&lokasi=lokal>

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### **Abstrak**

The aim of this study was to know the success and the difference of pit & fissure sealant material penetration of composite resin type (UltraSeal XT Plus) into fissure by using syringe blue micro tips and syringe white mini brush tips in fissure closure efforts for caries prevention of permanent teeth. This study was conducted to 30 maxillary first premolar, using syringe blue micro tips, and 30 maxillary first premolar, using syringe white mini brush tips. The samples, then were made smears and observed by optic microscope with 300 times magnification. The result of this study showed that mean of pit & fissure sealant material penetration of composite resin type into fissure by using syringe blue micro tips was  $(67.93 \pm 13.09) \%$ . By using syringe white mini brush tips was  $(92.96 \pm 6.18) \%$ . With t-test. It showed a significant difference ( $t = 9.84, p < 0.01$ )