Perbedaan perubahan warna permukaan tumpatan nanofil yang dipoles dengan dua teknik pemolesan setelah perendaman kopi : penelitian eksperimental laboratorik = The difference of color change on the nanocomposite surface after polished by two different polish techniques and being immersed in coffee

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Abstrak

Penelitian ini bertujuan untuk membandingkan perubahan warna permukaan nanofil yang dipoles dengan teknik pemolesan one step dan multi step polish setelah perendaman kopi. 30 sampel, dibagi menjadi 3 perlakuan: dipoles PoGo® (one step), dipoles Sof-Lex® (multi step) dan tidak dipoles. Sampel direndam kopi selama 12 hari. Pengukuran perubahan warna menggunakan vita classic. Setelah perendaman selama 12 hari, seluruh sampel direndam kopi (dipoles Sof-Lex®, PoGo® dan tidak poles) menunjukkan perubahan warna. Perubahan warna pada nanofil dipoles Sof-Lex® lebih kecil dibanding PoGo® namun tidak bermakna. Dapat disimpulkan multi-step polish menghasilkan perubahan warna lebih kecil dibanding one step polish namun tidak bermakna.

<hr>This research aims to compare color change on nanofiller polished by one step and multi step polish techniques after being immersed in coffee. 30 samples treated into 3 types, polished by PoGo® (one step), Polished by Sof-Lex® (multi step) and unpolished. Samples were immersed in coffee in 12 days. Colour change was measured by using vita classic. After 12 days of immersion, all sample groups (polished by PoGo®, polished by Sof-Lex®, and unpolished) immersed in coffee, reveal color change. Color change on nanocomposite polished by Sof-Lex® is less than the one polished by PoGo®. It can be concluded multi step polish produces less color change compare to one step polish but the difference is not significant