

Perubahan warna pada basis gigi tiruan polyamide 12 dan polyamide mikrokrystalin setelah pemolesan di laboratorium dan klinik = Color changing in denture base polyamide 12 and polyamide microchrystalline after polishing in laboratorium and dental clinic / Ni Made Galuh A. W. S.

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Abstrak

[ABSTRAK

Penelitian ini bertujuan untuk membandingkan perubahan warna bahan polyamide 12 dan polyamide mikrokrystalin. Masing-masing bahan dibagi menjadi 2 kelompok yaitu yang dipoles dengan alat dan bahan yang terdapat di laboratorium dan di klinik. Kemudian keempat kelompok dilakukan perendaman dalam larutan kopi selama 24 jam dalam 7 hari. Pengukuran kekasaran dinilai dengan alat profilometer sebelum perendaman dan pengukuran warna dengan spektrofotometer dilakukan sebelum dan setelah perendaman dengan menggunakan 3 nilai, L*, a*, dan b*. Hasil penelitian menunjukkan tidak terdapat perbedaan perubahan warna yang bermakna pada basis gigi tiruan Polyamide 12 dibandingkan dengan Polyamide mikrokrystalin yang direndam dalam larutan kopi setelah pemolesan.

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ABSTRACT

The purpose of this study was to compare color changes from polyamide 12 and polyamide microcrystalline. Each material was divided into two groups which polished with laboratory and clinic polishing equipment and then immersed in 28°C coffee solution for 24 hours in 7 days. Surface roughness were measured with profilometer before the immersion. Color (L*, a*, and b*) were measured using spectrophotometer before and after immersion. There were no significant color changes in Polyamide 12 and polyamide microcrystalline after immersion in coffee solution. The purpose of this study was to compare color changes from polyamide 12 and

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