

Pengaruh aplikasi hidrogen peroksida 40 terhadap kerentanan perubahan warna resin komposit nanohibrida oleh kopi = Effect of hydrogen peroxide 40 on staining susceptibility of nanohybrid composite resins by coffee

Sharon Nathania Tirtadinata, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20466093&lokasi=lokal>

Abstrak

Tujuan: Penelitian ini bertujuan untuk membandingkan perubahan warna pada resin komposit nanohibrida sebelum dan setelah bleaching dalam perendaman kopi. Metode: Dua puluh spesimen resin komposit nanohibrida berbentuk silinder berdiameter 6 mm, tebal 2 mm dibagi menjadi 2 kelompok perendaman; Arabika dan Robusta n=10. Masing-masing kelompok perendaman direndam dalam waktu 7 hari, kemudian diaplikasikan bahan bleaching berupa hidrogen peroksida 40, dan setelah itu direndam kembali selama 7 hari. Pengukuran warna dilakukan sebanyak 4 kali menggunakan Colorimeter. Data dianalisis menggunakan uji statistik Paired T-Test dan Independent T-Test. Hasil penelitian menunjukkan adanya perbedaan signifikan.

.....

Aim This study aims to compare color changes in nanohybrid composite resins before and after bleaching in coffee immersion. Method Twenty specimens of nanohybrid composite resins were made into cylindrical shape with a diameter of 6 mm and thick of 2 mm divided into 2 immersion groups Arabica and Robusta n 10. Each immersion group was immersed within 7 days, then applied bleaching material of hydrogen peroxide 40, and after that was re immersed for 7 days. The color measurement was done 4 times by Colorimeter. Data were analyzed statistically by Paired T Test and Independent T Test. Result The result showed significant differences.