

Pengaruh obat kumur dengan konsentrasi etanol dan waktu perendaman berbeda terhadap kekasaran resin komposit nanohybrid = The effect of ethanol containing mouthwash with different concentration and duration of immersion on the surface roughness of nanohybrid composite resin

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Abstrak

ABSTRAK

Penelitian ini bertujuan untuk menganalisis pengaruh perendaman resin komposit nanohybrid dalam obat kumur mengandung etanol dengan waktu berbeda terhadap kekasaran permukaan. Dua puluh empat spesimen resin komposit nanohybrid dibagi menjadi 4 kelompok perendaman: obat kumur etanol 17 dan 26,9 selama 1,5 jam dan 3 jam. Kekasaran permukaan diukur menggunakan surface roughness tester Mitutoyo SJ301. Berdasarkan analisis statistik uji one-way ANOVA dan uji Tukey.

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ABSTRACT

The aim of this study was to analyze the effect of ethanol containing mouthwash with different concentration and duration of immersion on the surface roughness of nanohybrid composite resin. Twenty four specimens of nanohybrid composite resin were divided into 4 groups of immersion 17 ethanol containing mouthwash, and 26,9 ethanol containing mouthwash for 1,5 hours and 3 hours. Surface roughness was measured using SJ301 Mitutoyo surface roughness tester. Statistical analysis of one way ANOVA and Tukey test.