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Abstract

[MARTIN, Juliana Maria Habith](#) et al. Specific concentration evaluation of 16% carbamide peroxide compounded at dispensing pharmacies. *Braz. oral res.* [online]. 2007, vol.21, n.4, pp. 318-322. ISSN 1806-8324. doi: 10.1590/S1806-83242007000400007.

The aim of this work was to evaluate the concentration of carbamide peroxide compounded at different dispensing pharmacies. Immediate concentration analysis was made of bleaching gels dispensed by specialized pharmacies, and of a commercially available gel (control group) (n = 20). The carbamide peroxide concentration was determined by titration and the results were analyzed statistically by the Kruskal-Wallis test. The commercial bleaching agent (control group) and one of the gels from the pharmacies presented the best mean concentration values, close to 16%. In conclusion, the concentration of the manipulated and industrialized carbamide peroxide gels presented concentration values differing from 16%.

Keywords : Tooth bleaching; Peroxides; Pharmacies.

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