

## **Perbandingan Daya Hambat Filtrat Bawang Putih Dengan Sodium Hipoklorit Terhadap *Candida albicans* Pada Plat Akrilik Heat Cured**

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### ABSTRAK

**Background:** *Garlic is one of medical plants has antifungi activity by allicin, so garlic can be used as an alternativematerial for denture cleanser. Objective:* This study has the aim to analyze the differences between acrylic resin heat cure plate immersion in sodium hypochlorite and garlic filtrate concerning amount of *Candida albicans* colony. **Method:** This research method used laboratory experimental with post only control group design. 24 acrylic resin plates measuring 64 × 10 × 3.3 mm divided by 4 groups: the group immersed in garlic filtrate 6%, 7%, 8% and sodium hypochlorite 0,5%. The total of repetitions of each other group was 6 repetitions. **Result:** Statistical analysis with one way ANOVA show the result  $p=0,000$  ( $p<0,05$ ). **Conclusion:** The conclusion of this research there is the significant difference between acrylic resin heat cure plate that immersed in garlic filtrate and sodium hypochlorite to amount of *Candida albicans* colony

**Keywords:** *Acrylic resin, Garlic, Sodium hypochlorite, Denture stomatitis*