

**EFEK KOMBINASI
EKSTRAK JAHE MERAH (*Zingiber officinale* Rosc.)
DENGAN NYSTATIN
TERHADAP PERTUMBUHAN CANDIDA ALBICANS**

***THE EFFECT OF COMBINATIONS
GINGER (*Zingiber officinale* Rosc.) EXTRACT
AND NYSTATIN
AGAINST THE GROWTH OF CANDIDA ALBICANS***

ABSTRACT

Background. *The fungal infections could be life-threatening in immunocompromised patients. Candida albicans is the most frequent fungi in the oral cavity. The first step for treatment could be done using topical antifungal agents. Nystatine is a choice for mentioned usage but there are some problems in its using including: unfavorable taste, frequency of usage, etc because of this condition, we have to think about another alternatives to face this fact.* **Purpose.** *To investigated the effect of combination Zingiber officinale Rosc. (ginger) extract-nystatin on Candida albicans colonization.* **Method.** *The In vitro combined effects of nystatin and extract of ginger against clinical isolated of Candida albicans which common given antifungal were investigated using serial dilution method and calculation of the colony.* **Result.** *The organism was susceptible to combination of ginger extract-nystatin with MIC of 4 mg/mL and single ginger extract had MIC of 8 mg/mL.* **Conclusion.** *There was difference MIC between combination of ginger extract-nystatin and single ginger extract*

KEYWORDS : *Zingiber officinale Rosc., nystatin, Candida albicans.*