

**THE EFFECT OF TOPICAL APPLICATION OF GINGER  
AND OLIVE OIL ON PRIMARY DYSMENORRHEA IN  
FEMALE MARTIAL ARTS STUDENTS AT UNIVERSITAS  
JENDERAL SOEDIRMAN**

**UNDERGRADUATE THESIS**



**By :**  
**ANNISA FAIZA AZZAHRA**  
**I1J022026**

**UNIVERSITAS JENDERAL SOEDIRMAN**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF NURSING**  
**PURWOKERTO**  
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