

**APPLICATION OF LEMON AROMATHERAPY INHALATION TO  
REDUCE NAUSEA AND VOMITING IN CHILDREN UNDERGOING  
CHEMOTHERAPY IN THE INPATITION ROOM OF FLAMBOYAN 9  
RSUD Dr. MOEWARDI**

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**ABSTRACT**

**Background:** Chemotherapy in children can cause side effects, one of which is nausea, and vomiting. Even with the development of pharmacological therapy, nausea, and vomiting remains the main problem of chemotherapy. With the increase in non-pharmacological therapy, one of which is giving aromatherapy, it is hoped that it will be able to help reduce nausea and vomiting in chemotherapy children. **Purpose:** To determine the results of applying lemon aromatherapy inhalation to reduce nausea and vomiting in children undergoing chemotherapy at RSUD Dr. Moewardi. **Method:** Descriptive application method with a case study approach and applying two patients with a pre-test and post-test, application instrument with the Rhodes Index Of Nausea Vomiting And Retching (INVR) questionnaire. Providing lemon aromatherapy inhalation intervention for 1 x 24 hours. **Results:** Before being given lemon aromatherapy inhalation, the results were An. Am with a score of 20 includes severe nausea and vomiting and An. Mf with a score of 14 is in the category of moderate nausea and vomiting. After being given lemon aromatherapy inhalation, An. Am, a nausea and vomiting score of 12, is included in the category of moderate nausea and vomiting, and An. Mf with a nausea and vomiting score of 8 is included in the mild nausea and vomiting category. **Conclusion:** The results of the implementation show that the intervention provided can reduce the level of nausea and vomiting in children undergoing chemotherapy.

**Keywords:** Lemon Aromatherapy, Nausea, Vomiting