

**THE APPLICATION OF CHEST PHYSIOTHERAPY IN OVERCOMING THE
CLEANLINESS OF THE AIRCRAFT IS NOT EFFECTIVE IN CHILDREN
PNEUMONIA IN DR. MOEWARDI SURAKARTA**

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ABSTRACT

Background : Ineffective airway clearance is the inability to clear secretions or airway obstruction to maintain a patent airway. Nursing management of airway clearance can be done with simple inhalation and chest physiotherapy. Chest physiotherapy is a collection of techniques or procedures for expelling sputum which are carried out either independently or in combination to prevent sputum accumulation which results in airway obstruction and other complications. **The objectives of the research** : To find out the results of chest physiotherapy to treat ineffective airway clearance in children with pneumonia in the Flamboyan Ward 9 RSUD Dr. Moewardi Surakarta. **Methods** : The research method used in this application is an intervention application using case studies. **Result** : Airway clearance before and after receiving chest physiotherapy for 3 days showed results in both patients, namely the child was able to expel sputum, the respiratory rate improved, the pulse remained within normal limits, and the oxygen saturation increased. **Summary** : There are differences in the results of respiratory rate, pulse, sputum, SpO2 and additional breath sounds before and after being given chest physiotherapy for airway clearance which is not effective in children with pneumonia.

Keywords : Children; Pneumonia; Chest Physiotherapy; Clean Breath.