

ABSTRACT

Mahfudz Nofriyadi (P032014401058). *Application of Chest Physiotherapy to Improve Airway Clearance in An.A and An.R With Pneumonia in the Lily Room of Arifin Achmad Hospital, Riau Province. Scientific Writing Case Studies DIII Nursing Study Program, Department of Nursing, Health Polytechnic of the Ministry of Health Riau. Advisor (I) Ns. Magdalena ,SST., S.Kep., M.Kes Pembimbing (II) Ns. Erni Forwaty , S.Kep, M.Kep*

Pneumonia is wrong One disease inflammation I parenchyma originating lung from infection channel Respiratory lower I with symptom sweating , feeling tired , coughing , increased sputum production accompanied with congested breath . Data from the Lili Room at the Arifin Achmad Hospital in Riau Province obtained data on children with pneumonia in 2020 as many as 31 children, in 2021 data on children with pneumonia as many as 37 children and in 2022 data on children with pneumonia as many as 78 children. So that it can be seen that cases of children with pneumonia at Arifin Achmad Hospital in Riau Province have increased. The purpose of writing this scientific paper is that the writer is able to apply chest physiotherapy to improve airway clearance in children with pneumonia from April 20 2023 to May 2 2023 in 2 research subjects. The results of the study found that 2 subjects experienced a major nursing problem, namely ineffective airway clearance. The preparation of implementation interventions is adjusted to the theory and adapted to cases in the field. The results of the nursing evaluation on 2 subjects after being treated 3x24 hours, namely increasing effective airway clearance. Suggestions for providers of implementing chest physiotherapy in children with pneumonia are expected to increase performance and be able to carry out interventions according to systematic stages and carried out comprehensively for the benefit of patient care.

Keywords: Application, Chest Physiotherapy, Pneumonia, Ineffective Airway Clearance