

ABSTRACT

Implementation of Chest Physiotherapy in Overcoming Ineffective Airway Clearance in Pneumonia Patients in the Emergency Room of RSI Unisma. Nimas Ayu Mutiara Dewi (2025) Final scientific work, Nursing Professional Education Study Program, Malang Health Polytechnic. Main Supervisor Rudi Hamarno, S.Kep., Ns., M.Kep.

Ineffective airway clearance is the inability to remove secretions due to airway narrowing by secretions or obstruction in the airway. This problem often arises in patients with pneumonia, which is an acute respiratory infection that affects the lungs due to the accumulation of sputum in the alveoli. This study was conducted to analyze the problem of ineffective airway clearance with chest physiotherapy intervention in pneumonia patients in the emergency room of RSI Unisma. This study uses a descriptive method, analyzing the provision of chest physiotherapy actions in emergency department patients with ineffective airway clearance problems 1 time in a span of 3 hours for 1 day. The results of the evaluation after chest physiotherapy, the patient can cough effectively, the patient can remove the retained sputum, the additional ronchi breath sounds decrease, complaints of shortness of breath decrease, respiratory frequency 22x/min, oxygen saturation in the normal range of 98%. This shows the effectiveness of chest physiotherapy actions on patient airway clearance. It is hoped that the role of nursing staff is to always maintain the patient's airway clearance so as to prevent the occurrence of airway obstruction. It is expected that the role of nursing personnel to always maintain the patient's airway clearance to prevent airway obstruction.

Keywords: Ineffective Airway Clearance, Chest Physiotherapy, Pneumonia.