

ABSTRACT

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APPLICATION OF CHEST PHYSIOTHERAPY TO AIRWAY CLEARANCE IN PATIENTS WITH ARI

ABSTRACT

Background: In Indonesia, acute respiratory infection (ARI) is the leading cause of death in infants and toddlers. ARI is a problem that can cause respiratory distress. Chest physiotherapy is a supportive act for airway clearance. **Objective:** This study aims to determine the difference of airways clearance pre and post chest physiotherapy in patients with ARI in Puskesmas Kratonan Surakarta. **Method:**The research design used in this study was with descriptive research conducted 1 times a day for 20 minutes with 2 respondents. **Result:** There was a difference in airway clearance after chest physiotherapy that characterized by respiration rate (RR) <40 x/min, respiratory nostrils -, intercostal retraction -. **Conclusion:** The application of chest physiotherapy may improve airway clearance in ARI patients.

Keywords: acute respiratory infection (ARI), airway clearance, chest physiotherapy.