

## **ABSTRACT**

### ***The Application of Chest Physical Therapy to the airway clearance for An. R With Acute Respiratory Infection (ARI) in the Puskesmas Gajahan***

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**Background:** Acute Respiratory Infection (ARI) constitute organs acute infection channel upper and underside channel that can because of virus, xylariaceae, and bacteria. Chest physical therapy constitute action to care by undertaking postural's drainage , clapping or clap, and vibrasi on patient that experience respiratory system trouble. This action intent increase respiratory pattern efficiency and to the airway clearance. **The Purpose the Research:** The aim of research is to understand the differences of indications in the children with ARI between before and after the chest physical therapy. **The Method the Research:** This research is used observational design is case study with An. R as respondent. The respondent chest physical therapy during  $\pm$  20 minutes in the morning and in the evening. Than the researcher observes the indications of the airway clearance used observation sheet. **The Result of The Study:** the were six indications of the airway clearance in An. R before being given chest physical therapy. After An. R has been chest physical therapy during six times, four of the indications of the airway clearance has been reduced or lost. **The Conclusion of the Study:** there is a decrease in symptoms of the airway clearance in An. R before and after the applications of chest physical therapy are six signs of the airway clearance symptoms in An. R starts to decrease/disappear. **The Suggestion:** According to the people the applications of the airway clearance can be applied to all ages. So, this application can be the first treatment if they have to the airway clearance of ARI.

**Key word : ARI in Children, Airway Clearance, Chest Physiotherapy**