

NURSING CARE FOR CLIENTS PNEUMONIA WITH NURSING PROBLEMS OF AIRWAY CLEANING IS INEFFECTIVE IN THE GATUTKACA ROOM AT THE JOMBANG GENERAL HOSPITAL

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ABSTRACT

Background : Nursing care of pneumonia clients with ineffective airway clearance nursing problems using chest physiotherapy

Methods : The research design used a case study of 2 clients with pneumonia with nursing problems. Ineffective airway clearance on the first day, nursing care was carried out for 3 days in a row using an intervention, namely chest physiotherapy.

Results : Research shows the problem of ineffective airway clearance with chest physiotherapy, the problem is resolved in reducing shortness of breath.

Analysis : The purpose of this study was to carry out nursing care in pneumonia patients with nursing problems ineffective airway clearance using chest physiotherapy.

Conclusion : Chest physiotherapy is used as an adjunct therapy to prevent non-pharmacological increases in shortness of breath in pneumonia patients.

Keywords: Pneumonia, Ineffective Airway Clearance , and chest physiotherapy.

1. INTRODUCTION

Pneumonia is wrong one form infection channel breath lower acute (ISNBA) represents associated inflammation _ parenchyma lungs from bronchioles terminalis that includes bronchioles respiratory , and alveoli as well raises consolidation network lungs and disturbance exchange air . Based on the data presented *World Health Organization* (WHO) in 2019, cases of

On suffering patient _ pneumoniae usually found complaints of respiratory distress which is a compensation body to deficiency oxygen because concentration low oxygen _ will stimulate nerves center for increase frequency breathing . Wrong _ one disease affected infection _ channel respiration lower namely Pneumonia with sign and symptom like cough and congested breath . Ineffective airway clearance is a problem that is often encountered in patients with pneumonia.

one _ effort in resolve cleaning Street breath no effective is with use physiotherapy . Chest physiotherapy which is therapy in treatment part big disease breathing . Destination main chest physiotherapy is for help cleaning secretion tracheobronchial , so lower resistance Street breath , increase gas exchange , and make respiration more easy.

The aim of the study was to carry out Nursing Care for Pneumonia patients with nursing problems Ineffective Airway Clearance using Chest Physiotherapy.

2. METHODS

This research plan uses a case study approach. The subjects of this study were 2 respondents with the criteria of a medical diagnosis of *Pneumonia* . The focus of this case study is a patient who has retained secretions resulting in ineffective airway

pneumonia in Asian continent and Africa experience enhancement prevalence of 2.1% in in 2012 to 2.7% in year 2019. Based on RISKESDAS 2020 prevalence pneumonia in Indonesia experienced increase from 1.6 % on in 2018 to 2%. Invention pneumonia cases in the city of Yogyakarta based on type sex 2018 year for woman as many as 470 cases , total invention cases of pneumonia in man as many as 708 cases . Viewed from those data clearance nursing problems. The place for taking this case study was carried out in the GatutKaca room at the Jombang Hospital on June 30 - July 5 2022. Data collection was by interview, observation and documentation study.

3. RESULTS

The results of the study obtained subjective data client 1 is 63 years old, and client 2 is 58 years old . While the objective data obtained from client 1 complaint main shortness of breath accompanied by a slight cough and fever up and down so that the client also has difficulty sleeping and on client 2 has shortness of breath for about two months and has been getting worse for the past three days accompanied by coughing and nausea.

According to the theory (Athens and Ika , 2019). Pneumonia is infection on characteristic lung _ acute , cause is bacteria , viruses, fungi , materials chemical or damage physique from lungs and can also caused by streptococcus bacteria and mycoplasma pneumonia, while the virus that causes Pneumonia _ namely : *adenovirus*, *rhinovirus*, *influenza virus*, *respiratory synstial virus* (RSV) and para influenza.

According to Padila (2018), it is proven that people with pneumonia experience symptoms such as chills, pulse

above normal (fast), vomiting, diarrhea and even pain when breathing.

4. DISCUSSION

Based on the theory and facts that were obtained after conducting the research, there were comparisons, among others, namely the results of the implementation of nursing that had been carried out, there were obstacles in providing postural drainage therapy. This cannot be carried out according to the previously designed intervention.

5. CONCLUSION

Chest Physiotherapy used as therapy for prevent happening enhancement congested breath on patient pneumonia non-pharmacologically.

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