

*Application of Effective Cough for Airway Patency
In Patient Mr. S Deep Pulmonary Tuberculosis
Fulfillment of Oxygen Needs*

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ABSTRACT

Introduction: Pulmonary tuberculosis is an infectious disease that is directly caused by *Mycobacterium tuberculosis* which is transmitted through the air (droplet nuclei). In Indonesia there are around 845,000 estimated cases of Pulmonary Tuberculosis with a death rate of 13,947 with Dashboard in Indonesia in 2000 to 2019 it has increased and in 2020 decreased by 344,992.

Objective: To obtain an overview of the application of an effective cough for airway patency in patients with pulmonary tuberculosis in need of oxygen.

Method: This uses a descriptive case design with a case study approach. The research data uses a nursing process approach starting from assessment, diagnosis, planning, implementation and evaluation.

Results: From the results of the study, it was found that the patient coughed up phlegm so that the results after nursing actions for 3 days were that the patient was able to expel phlegm properly and correctly.

Keywords: Pulmonary Tuberculosis, Oxygen Needs+effective cough training