INTERVENTIONAL IMPLEMENTATION OF PURSED LIPS BREATHING TECHNIQUES AND SEMI FOWLER POSITION ON THE IMPROVEMENT OF OXYGEN SATURATION IN PARU TB PATIENTS AT RSUD dr SOEDIRAN MANGUN SUMARSO WONOGIRI

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ABSTRACT

Background: *Tuberculosis (TB) is an infectious disease caused by the bacteria Mycobacterium tuberculosis. The disease generally affects the lungs, but can also affect other organs such as the kidneys, spine, and brain. One of the nursing problems in pulmonary TB patients is impaired gas exchange, shortness of breath causing oxygen saturation to fall below normal levels, so that oxygen supply is disrupted, blood in the arteries is deprived of oxygen and can cause a decrease in oxygen saturation. So that TB patients are intervened with pursed lips breathing techniques and semi-Fowler's position to increase oxygen saturation.* ***Objective:*** *To describe how changes in oxygen saturation in TB patients after being given pursed lips breathing techniques and semi-fowler position.* ***Methods:*** *This type of research is a case study conducted on 2 respondents with a diagnosis of tuberculosis. The first application was carried out pursed lips breathing technique and continued in the semi fowler position this therapy was carried out for 3 consecutive days every day.* ***Results:*** *Shows that there are changes in oxygen saturation in both respondents after 3 days of application.* ***Conclusion:*** *The intervention given to the patient for 3 days was sufficient to provide significant results, initially 90% to 97% and 98%.*

Keywords: Tuberculosis, oxygen saturation, pursed lips breathing, semi fowler's position