

***APPLICATION OF SEMI FOWLER POSITION IN INCREASING OXYGEN SATURATION AND REDUCE RESPIRATION RATE OF STEMI PATIENTS  
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***ABSTRACT***

**Background:** ST Elevation Myocardial Infraction (STEMI) is a type of heart attack in the form of total blockage of the coronary arteries so that the heart muscles do not receive oxygen supply which is characterized by chest pain and shortness of breath thereby reducing oxygen saturation and increasing respiratory rate. **Objective:** To determine the results of the implementation of the Application of Semi-Fowler's Position in Increasing Oxygen Saturation and Reducing Respiration Rate in STEMI Patients. **Method:** Using the Case Study method. Giving semi fowler position 30 minutes for 3 days. **Results:** The results of the application showed that before being given the semi-Fowler's position oxygen saturation <95% and respiratory rate <16-20 x/minute were in the abnormal category. Meanwhile, after applying the semi-Fowler's position, both respondents' respiratory rate was >16-20 x/minute and oxygen saturation was >95% in the normal category. **Conclusion:** The results of the application after being given the semi-Fowler position to the two respondents, there was a decrease in the Respiration Rate from abnormal to normal, and an increase in oxygen saturation which was previously abnormal to normal. So this semi-Fowler's position is effective for patients with STEMI.

**Keywords :** *Respiration Rate, Oxygen Saturation, Semi Fowler's Position*