

**ANALYSIS OF FACTORS ASSOCIATED WITH COMPLIANCE  
OF OPERATING ROOM NURSES IN FILLING OUT THE  
SURGICAL SAFETY CHECKLIST ACCORDING TO  
MILGRAM'S THEORY IN THE CENTRAL SURGICAL  
INSTALLATION RSUD MARDI WALUYO BLITAR**

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**ABSTRACT**

**Background:** Patient safety is a top priority in surgery, one of which is through the use of a surgical safety checklist (SSC). Operating room nurses, especially circular nurses, have an important responsibility in ensuring SSC completion. However, compliance with SSC completion is still low. Various factors influence this compliance, including social and psychological aspects. This study aims to analyze the factors associated with nurses' compliance in completing the SSC based on Milgram's theory, which highlights the influence of authority on compliance behavior. **Research objectives:** Analyzing factors associated with compliance of operating room nurses in filling out the surgical safety checklist according to Milgram's theory at the Central Surgical Installation of Mardi Waluyo Blitar Hospital. **Methods:** Quantitative correlational design with cross-sectional approach. **Research Results:** There is a relationship between location status factors and compliance with filling out the surgical safety checklist by operating room nurses ( $P = 0.000$ ). There is a relationship between the status factor of authority figures with compliance with filling out the surgical safety checklist by operating room nurses ( $P = 0.009$ ). There is a relationship between the closeness of authority figures and the compliance of filling out the surgical safety checklist by operating room nurses ( $P=0.000$ ). There is no relationship between the legitimacy of authority figures and the compliance of filling out the surgical safety checklist by operating room nurses ( $P=0.091$ ). There is no relationship between peer support and compliance with filling out the surgical safety checklist by operating room nurses ( $P=0.183$ ). There is a relationship between responsibility and compliance with filling out the surgical safety checklist by operating room nurses ( $P=0.008$ ). **Conclusion:** Of the six Milgram compliance factors, 4 of them have a relationship or influence the compliance of operating room nurses in filling out the surgical safety checklist, and 2 of them have no relationship or influence.

*Keywords:* Adherence Factors, Milgram's theory, surgical safety checklist