

**THE RELATIONSHIP BETWEEN AGE AND CLASSIFICATION OF
SURGERY WITH THE LEVEL OF ANXIETY IN ELECTIVE
PREOPERATIVE PATIENTS AT LAVALETTE HOSPITAL, MALANG**

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ABSTRACT

Surgery induces psychological and physiological stress responses, one of which is anxiety. Anxiety is a common pre-operative issue for patients and can affect their surgical outcomes. This study aims to analyze the relationship between age and operation classification with anxiety levels in elective pre-operative patients at Lavalette Hospital Malang. The study design is cross-sectional. The population consists of 80 patients, with a sample size of 66 patients selected using nonprobability sampling, specifically purposive sampling. The research instruments used were patient medical record documentation and the APAIS (Amsterdam Preoperative Anxiety and Information Scale) anxiety questionnaire. Data analysis was conducted using descriptive-correlational tests and Spearman's rank test (Rho) with a significance level of $\alpha = 0.05$. The results showed that the majority of patients were aged 46-65 years, totaling 34 respondents (51.52%). Most respondents were classified as having major surgery, totaling 46 (69.69%). A significant portion of respondents had high anxiety levels, totaling 34 (51.51%). The Spearman's rank test indicated a weak relationship between age and anxiety levels in elective pre-operative patients, with a significance p -value of $0.001 < 0.05$ and a Spearman correlation coefficient of -0.396 . Additionally, there was a weak relationship between operation classification and anxiety levels in elective pre-operative patients, with a significance p -value of $0.017 < 0.05$ and a Spearman correlation coefficient of 0.293 . It is recommended that healthcare professionals, especially nurses, monitor the anxiety levels of pre-operative patients to facilitate smoother pre-operative procedures.

Keywords: Age, Operation Classification, Anxiety Levels, Pre-Operative.