

## RELATIONSHIP OF ANXIETY LEVEL WITH BLOOD PRESSURE OF COVID-19 VACCINATION PARTICIPANTS AT PUSKESMAS SRAGEN

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### ABSTRACT

**Background:** *The World Health Organization (WHO) declared Corona Virus Disease 2019 (COVID-19) as a global pandemic in March 2020. The Indonesian government seeks to vaccinate the community for COVID-19, thus causing various responses in the community. The number of notifications that come from many sources can affect people's perceptions of vaccines. The negative perception of vaccines experienced by the community can trigger anxiety. A human being experiences anxiety when facing serious problems or stressful situations. Anxiety causes excessive adrenaline secretion, causing blood pressure to increase.*

**Objective:** *To analyze the relationship between anxiety level and blood pressure of covid-19 vaccination participants at the Sragen Health Center.*

**Method:** *This study uses a quantitative method with an observational analytic character, sampling using accidental sampling technique with a sample size of 68 respondents. Data analysis used in this study in the form of bivariate analysis using Spearman Rho.*

**Results:** *the results of the spearman rho test got a p-value of  $0.000 < (0.05)$  so that there is a relationship between anxiety levels and blood pressure of covid-19 vaccination participants at the Sragen Health Center.*

**Conclusion:** *There is a relationship between anxiety levels and blood pressure of covid-19 vaccination participants at the Sragen Public Health Center*

**Keywords:** *anxiety level, blood pressure, covid-19 vaccination*