

ABSTRACT

Pregnant woman's' anxiety rate are increasing during COVID-19 compared to how it was before the pandemic. This was caused by the fear of virus infections and its effect on both mother and baby's health. This study aims to investigate the relation of pregnant woman's anxiety to the ANC obedience rate during COVID-19 at RSUD Dr. Wahidin Sudirohusodo.

This study was carried out using cross sectional research design. The populations featured in this study were 147 pregnant women in their first trimester who are registered in the Gynecologist division at RSUD Dr. Wahidin Sudirohusodo in May. The purposive Sampling technic used to filter 108 out of 147 respondents as samples. The data were then collected using the Anxiety PASS questionnaire and ANC obedience checklist. Gathered data were then processed and analyzed using the Spearman rank test.

It resulted that almost half of the respondents (38.9%) of them do have mild and moderate anxiety rates, and 100 respondents (92.6%) of them fulfill the Antenatal Care obedience checklist. *p-value* $0,000 < \alpha 0,05$ were obtained and signifies the relationship between pregnant woman's anxiety rate with ANC obedience rate at RSUD Dr. Wahidin Sudirohusodo during COVID-19.

Sufficient preventive knowledge about COVID-19 was needed to decrease the pregnant woman's anxiety rates during the pandemic because it influences their attitude and choice toward the ANC obedience visit.

Keyword: Anxiety, Pregnant Woman, Antenatal Care, Covid-19