

**DURATION RELATIONSHIP USING THE *SMARTPHONE*
WITH NECK PAIN IN STUDENTS
'AISYIYAH SURAKARTA
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ABSTRACT

Background; *Using a smartphone with a long duration, with the wrong body position can cause various physical problems, including pain in the neck and shoulders and if it shows a high level of muscle fatigue it can cause pain. Aim;* *Knowing the relationship between smartphone usage duration and neck pain in university students' Aisyiyah Surakarta. Method;* *This research method uses a cross sectional approach with a sample of 150 students, while the research instrument uses a Numeric Rating Scale (NRS). Bivariate analysis using the Spearman test. Results;* *The Spearman test yields a p-value = 0.219 ($p > 0.05$) and can be interpreted that H_0 is accepted. This shows that, there is no relationship between age and pain intensity. Spearman test produces p-value = 0.764 ($p > 0.05$) and can be interpreted that H_0 is accepted. This shows that, there is no relationship between gender and pain intensity. Spearman test produces p-value = 0.176 ($p > 0.05$) and can be interpreted that H_0 is accepted. This shows that, there is no relationship between the duration of using a smartphone with the intensity of pain. Conclusion;* *There is no correlation between the duration of smartphone use and neck pain in university students' Aisyiyah Surakarta.*
Keywords: *smarptphone, pain, neck*