

**Paper 2 - Allied Health**

**THE RELATIONSHIP INTAKE PURIN WITH URIC ACID LEVELS ON EMPLOYEE INDEX AT THE KLABAT UNIVERSITY**

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**ABSTRACT**

Hyperuricemia is a risk factor for gout arthritis. One of the factors that influence the occurrence of hyperuricemia which purine intake and will increase the levels of uric acid in the body. This study aimed to analyze whether there is a relationship between the intake of purine to uric acid levels in the index at the University Klabat employees, as well as gender and age are included. The method used is the analysis observational with cross section. Population taken is an employee at the University Klabat index amounted to 32 people by means of random sampling. The results using Spearman correlations and found that there was no association between intake of purine to uric acid levels with the result  $p = 0.168$ , there was no association between intake of purine to uric acid levels by gender to male  $p = 0.326$  and female  $p = 0.787$ , there was no association between intake of purine to uric acid levels between age at 35-45 years of age  $p = 0.242$  and at the age of 46-65 years

**Keywords:** Intake Purine, Uric Acid Level, Gender, Age

