

## **ABSTRACT**

### **THE RELATIONSHIP BETWEEN KNOWLEDGE, ATTITUDE AND WORK WITH HAZARDOUS AND TOXIC MATERIALS SPILL HANDLING IN HOSPITAL LABORATORY INSTALLATION DR. H. MOCH. ANSARI SALEH BANJARMASIN YEAR 2023**

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*Data collection at the Laboratory Installation of Hospital dr. H. Moch. Ansari Saleh Banjarmasin in 2020 there were 2 Hazardous and toxic materials spills, in 2021 there were 4 Hazardous and toxic materials spills and in 2022 there was 1 Hazardous and toxic materials spill in the laboratory examination room. The aim of this research is to identify and analyze the relationship between knowledge, attitudes and years of service with the handling of Hazardous and toxic materials spills in the Laboratory Installation of Hospital dr. H. Moch. Ansari Saleh Banjarmasin in 2023. Analytic survey research method with a cross sectional approach. The population of laboratory workers and cleaning service officers at the Laboratory Installation of Hospital dr. H. Moch. Ansari Saleh Banjarmasin as many as 41 people. A sample of 41 respondents used the total sampling technique. Statistical test using the Chi Square Test. The results showed that most of the Hazardous and toxic materials spills were handled according to Standard operating procedures by 27 respondents (65.9%), the majority of respondents had sufficient knowledge of 24 respondents (58.5%), the majority of respondents had a positive attitude of 26 respondents (63.4%) ) and most of the respondents had long working tenure as many as 23 respondents (56.1%). There is a relationship between knowledge ( $p\text{-value}=0.004$ ), attitude ( $p\text{-value}=0.000$ ) and years of service ( $p\text{-value}=0.004$ ) with the handling of Hazardous and toxic materials spills in the Laboratory Installation of Hospital dr. H. Moch. Ansari Saleh Banjarmasin in 2023. It is hoped that the Occupational Health and Safety of Hospital dr. H. Moch. Ansari Saleh Banjarmasin can provide training on handling Hazardous and toxic materials spills to all staff in the hospital at least 1 year 2 times and optimize supervision in handling Hazardous and toxic materials spills.*

**Keywords:** *Hazardous and toxic materials Spill Handling, Knowledge, Attitude, Service Period*

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