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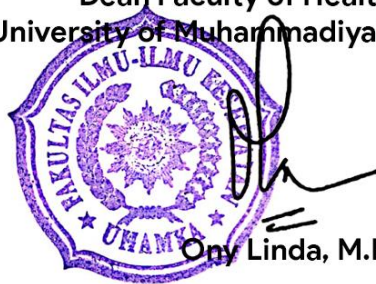
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# ASSOCIATION OF KNOWLEDGE, ATTITUDE AND IMPACT OF INFORMATION TOWARDS ON IRON SUPPLEMENTATION AMONG ADOLESCENT GIRLS IN SOUTH JAKARTA

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## ABSTRACT

**Introduction:** The high prevalence of iron deficiency anaemia and low compliance of iron folic acid (IFA) supplementation was reported among adolescent girl in Indonesia. Lack of awareness to consume IFA supplementation is one of major problem related to knowledge, attitude, and media information. This study aimed to determine the knowledge, attitude, and media information on compliance of IFA supplement among teenage girl.

**Methods:** This cross-sectional study was conducted in South Jakarta among adolescent girls. 232 respondents aged 13-18 years were interviewed using self-administered questionnaires to see the knowledge, attitude, and media information. The respondents in were students from 4 schools in 2 sub-districts in South Jakarta selected by multistage sampling. Descriptive statistics and chi-square test were used in this study.

**Results:** The results of this study showed that there were significantly association between knowledge, attitude, and media information and compliance of IFA tablet ( $p < 0.05$ ). Higher knowledge can be obtained from several factors, experience and exposure to information. In this study, the exposure of information regarding IFA supplementation was not comprehensive. Thus, it had an impact on the knowledge, attitude, and practice of consume IFA tablet.

**Conclusion:** 698% of adolescent girls are not compliant to consume IFA supplementation. Monitoring and evaluation of the IFA supplementation program at school as the target of the program should be improve to maintain the compliance of IFA tablet among adolescents girl.

**Keywords:** Anemia, Attitude, Compliance of IFA tablet, Knowledge