

**ABSTRACT**

*The puberty period marked by the occurrence of menarche can affect the physical and psychological changes of a teenager. If a woman experiences menarche then will feel confused and embarrassed and require assistance to give understanding about menarche.*

*This study used observational analytic with cross sectional design with respondents of grade 3, 4 and 5 students in SDN Wonorejo 6 Tempel Sukorejo, Surabaya. Sampling with total sampling. The study was conducted in March-April 2017. Data collection used questionnaires and school recording. Data analysis using Chi-square test. This research has earned the certificate of ethical worth from bio-commission of FK Unair.*

*Age repondent ranged in age 9 years, 10 years and 11 years with Mean  $\pm$  SD = 10 (0.776). Analyzing the relationship between adolescent age with adolescent knowledge about menarche obtained p value  $<0.001$  ( $p < \alpha$ ). The correlation of mass media access frequency with adolescent knowledge was obtained p value 0,263 ( $p > \alpha$ ). The relationship of adolescent readiness in facing menarche with knowledge of adolescent in facing menarche was obtained p value 0,031 ( $p < \alpha$ ). 0.778 ( $p > \alpha$ ). The relationship between the last education of the mother with the knowledge of adolescent about menarche was obtained p value 0,570 ( $p > \alpha$ ). The relation of income with youth knowledge about menarche was obtained p value 0,569 ( $p > \alpha$ ). Menarche obtained p value 0.326 ( $p > \alpha$ ). The relationship of mother-child communication with adolescent knowledge about menarche obtained p value 0.707 ( $p > \alpha$ ). The relationship of mother knowledge about menarche with youth knowledge about menarche obtained p value 0,378 ( $p > \alpha$ ).*

*There is a relationship between age and readiness to adolescent knowledge about menarche. There is no relationship between mass media access frequency, maternal age, recent education, income, ethnicity, mother-child communication and mother's knowledge of menarche against adolescent reiteration.*

*Keywords: menarche, knowledge, age, mass media access frequency, readiness, last education, income, ethnic and mother-child communication*