ABSTRACT

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Introduction: Blood donation activities have never been carried out at Al-Rifa'ie Modern Vocational School, therefore researchers want to see what the knowledge and attitudes of female students are towards blood donation as well as introduce blood donation. This research aims to find out how deep the knowledge and attitudes of Al-Rifa'ie Modern Vocational School students are towards blood donation. **Method:** This research uses primary data obtained from questionnaires filled out by Al-Rifa'ie Modern Vocational School female students. **Results**: Of the total female students at Al-Rifa'ie Modern Vocational School, 14 people aged 15 years (28%), 26 people aged 16 years (52%) and 10 people aged 17 years (20%). Based on majors, there were 19 people (38%) in the high category of knowledge in the nursing majors and 7 people (14%) in the pharmacy majors. The level of knowledge in the sufficient category for pharmacy majors was 7 people (14%). The level of knowledge in the sufficient category of DKV majors was 9 people (18%) and fashion design was 8 people (16%). Meanwhile, in the attitude variable, an attitude picture was obtained with 10 people majoring in nursing (20%) and 2 people majoring in pharmacy (4%). Meanwhile, for the sufficient category, the results were 14 people from the pharmacy department (28%), 9 people from the DKV department (18%), 8 people from the fashion department (16%).

Conclusion: The level of knowledge and attitudes of female students at Al-Rifa'ie Modern Vocational School towards blood donation with the characteristics of age and major obtained good results in the knowledge category and sufficient in the attitude category. This research shows that to get sustainable donors in the future, it must start by providing education to female students.