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### ABSTRACT

#### **Knowledge, Attitude and Practice of Students toward Blood Donation in AlQuds University**

*Maysam abd-Aljaber Khateeb, Zina Omar Sbeih, Jawaher Alaa Shojaeia, Ibrahim Ghannam.  
Medical Laboratory, Faculty of Health Professions, Al Quds University, AlQuds University, Palestine.*

**Background:** Donating blood is a vital part of healthcare around the world. Regarding blood transfusion as a life-sustaining and life-saving procedure, this study aimed to determine the knowledge, attitude, and practice of blood donation among university students.

**Objectives:** Evaluating the awareness of Al-Quds University students about the blood donation process and finding out the extent of its demand.

**Methods:** In our study, we used a cross-sectional study design at Al-Quds University - Abu Dis from October 8 to December 16, 2022. We selected 300 students using random sampling. We calculated frequencies and percentages. We performed logistic regression and it is found that there are significant correlations at  $p < 0.05$ .

**Results:** The majority of respondents (360; 60.2% ) showed sufficient knowledge regarding blood donation. A total of 288 students (96%) believed that blood donation is important for the community. about 83 (27.7%) of the respondents have donated blood before.

Among the participants, only 52 students (17.3%) reported that they did not take any courses about blood donation in their colleges. However, 231 (77%) showed a great acceptance to donate blood if our university organizes a blood donation camp within the campus. There was a significant association between knowledge and sex, practice level with the year of study, and no significant association between all factors with the attitude toward blood donation.

**Conclusion:** A significant difference in knowledge and practice difference is observed between Al-Quds University students of health sciences and non-health sciences students.



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**Keywords:** Blood donation, Knowledge, Practice, Attitude, Health science, Non-health science.

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Correspondence concerning this article should be addressed to the mentioned authors at the mentioned institutes.

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E-mail: [research@admin.alquds.edu](mailto:research@admin.alquds.edu)

Palestine, Abu Dis, Al-Quds University