



Jordanian nursing students' knowledge and attitudes of corneal donation

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Abstract A high success rate of corneal transplants is evident. However, there is still a lack of corneal grafts available to meet demand, largely because donors are reluctant to donate. Given their critical role in future healthcare teaching and advocacy. There has not been much research on Jordanian nursing students' perspectives on corneal donation, so it's critical to identify and eliminate any obstacles. This study aims to evaluate the knowledge and attitudes of Jordanian nursing students concerning corneal donation. A cross-sectional, descriptive design was used to recruit ($n = 440$) nursing students from four Jordanian universities. A self-reported questionnaire was used to obtain data on knowledge and attitudes regarding corneal donation. The average age of senior nursing students was ($M = 23.07$, $SD = 3.63$) years. Varying levels of understanding were revealed amongst university students toward corneal donation items.

Generally, good attitude of nursing students toward corneal donation ($M = 34.1$, $SD = 8.1$). Weak positive relationship was found between total knowledge scores and age ($r = 0.141$, $p = 0.003$) while there is no significant relationship between age and total attitude score ($r = 0.031$, $p = 0.552$). Age was found to be a significant predictor ($B = 0.01$, $Beta = 0.12$, $t = 2.07$, $p = 0.04$). Also, the educational level of fathers is a significant positive predictor ($Beta = 0.128$, $p = 0.008$) for the total attitude scores among nursing students. Limited awareness of corneal donation, highlighting the need for focused educational interventions to improve their comprehension.

Keywords Corneal donation · Knowledge · Attitude · Nursing students · Jordanian universities

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