

UNIVERSITI TEKNOLOGI MARA

**KNOWLEDGE, ATTITUDE AND PRACTICE
OF BLOOD DONATION AMONG STUDENTS
IN UiTM PUNCAK ALAM**

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Project submitted in fulfilment of the requirements

For the degree of

Bachelor (Hons.) Of Nursing

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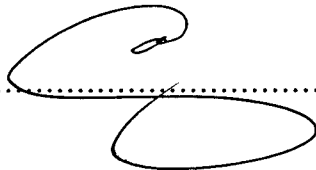
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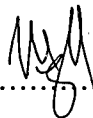
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ABSTRACT

Introduction: Blood donation is considered as a social responsibility involving community. Youth comprised of 65.4% from Malaysian population and university students contributed a huge part as blood donors.

Aim of study: The aim of the study is to assess the knowledge, attitude and practice on blood donation among undergraduate students in Universiti Teknologi MARA Puncak Alam.

Methodology: A descriptive cross-sectional study of 418 respondents using self-administered questionnaire adapted from previous study.

Results: 31.8% (133/418) of respondents found to have good knowledge, 83.3% (348/418) of respondents showed positive attitude towards blood donation and 32.1% (134/418) of respondents had donated blood previously. There was significant difference in knowledge, attitude and practice between health programs and non-health programs students ($p < 0.05$). Health programs students has better knowledge on blood donation (mean rank=238.30, $p=0.001$), health programs students and students within age range of 19-21 years old has better attitude towards blood donation (mean rank=229.25, $p=0.039$, mean rank=217.76, $p=0.001$) and female students, fourth year students and health programs students has better practice on blood donation (mean rank=216.84, $p=0.015$, mean rank=238.04, $p=0.003$, mean rank=223.64, $p=0.001$).

Conclusion: This study concludes health programs and non-health programs students differ in knowledge, attitude and practice on blood donation. Motivational support is needed to increase awareness on blood donation among non-health programs students.

Key words: Knowledge, Attitude, Practice, Blood donation, Students