

**UNIVERSITI TEKNOLOGI MARA**

**KNOWLEDGE AND PRACTICE  
OF BLOOD TRANSFUSION AMONG  
NURSING STUDENTS IN UITM  
PUNCAK ALAM CAMPUS**

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**Final Year Project submitted in fulfilment of requirements for the  
degree of  
Bachelor (Hons.) Of Nursing  
Faculty of Health Sciences**

**JUNE 2019**

## **AUTHOR'S DECLARATION**

We declare that the work in this Final Year Project was carried out in accordance with the regulations of Universiti Teknologi MARA (UiTM) and had followed UiTM guidelines for research writing on final year project 2012. This is our own project and the result of our own findings, unless otherwise indicated or acknowledged as referenced work. This write-up has not been submitted to any other academic institution or non-academic institution for any other academic award.

If our research paper is found to violate the conditions stated above, we voluntarily waive the right of conferment of our degree and agree to be subjected to the disciplinary rules and regulations of Universiti Teknologi MARA

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## **ABSTRACT**

Blood transfusion was a procedure in which blood or blood components are transferred from one person to another person. Blood component including red cells, platelets, fresh frozen plasma and cryoprecipitate in which the therapy was often used in managing hematologic diseases. This study aimed to determine the knowledge and practice of blood transfusion among nursing students in UiTM Puncak Alam Campus. The study utilized a descriptive cross-sectional design approach, 157 nursing students were selected as the respondent of the study. A modified Routine Blood Transfusion Knowledge Questionnaire (RBTKQ) was used to collect information in seven sections consists of demographic details, issues relating to patient preparation, blood pack collection, pre-transfusion, post-transfusion initiation nursing activities, a complication related to blood transfusion and issues related to blood transfusion policies and procedure. The practice of blood transfusion questionnaires which were structured along a three-point Likert scale. Data were analysed with SPSS version 22. Results showed that nursing students have poor knowledge in blood transfusion but they have good practice in blood transfusion. On common error, the respondents sometimes forgot to practice to take vital sign, especially about measured baseline respiration throughout the transfusion process. This study concludes that nursing students have poor knowledge of blood transfusion but always good in practice.

## **ACKNOWLEDGEMENT**

Firstly, we would like to give our highest gratitude to Allah Almighty for giving us strength and opportunity to complete this Final Year Project on time. My gratitude and thanks go to my supervisor Madam Sofee binti Mohamed Akhlak for guiding us in completing this Final Year Project until the end.

Next, our appreciation goes to the Nursing Department of Faculty Health Sciences in Universiti Teknologi MARA (UiTM) Selangor Puncak Alam Campus and the Ethics Committee of Faculty Health Sciences for giving us approval and supported us to complete this Final Year Project. Besides that, thanks to all Bachelor and Diploma students in UiTM Selangor, Puncak Alam Campus that participated in our study.

Finally, special thanks we dedicated to our loving family members and our colleagues for helping and supporting us in order to complete our Final Year Project.

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