



UNIVERSITI TEKNOLOGI MARA

**LEVEL OF KNOWLEDGE AND AWARENESS REGARDING SAFE
HANDLING TECHNIQUE OF CYTOTOXIC DRUGS DURING
RECONSTITUTION IN HOSPITAL UNIVERSITI KEBANGSAAN
MALAYSIA (HUKM)**

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**DIPLOMA IN PHARMACY,
FACULTY OF PHARMACY,
UNIVERSITI TEKNOLOGI MARA
PULAU PINANG**

MARCH 2013

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Submitted in partial fulfilment for the Degree of Diploma In Pharmacy of

Faculty of Pharmacy,

Universiti Teknologi MARA

Pulau Pinang, Bertam Campus

March, 2013

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ABSTRACT

The purpose of this research is to assess the level of knowledge and awareness of staff on the safe handling techniques during the reconstitution. The study was done at three different places that are Cytotoxic Drugs Reconstitution Unit, Daycare Oncology and Oncology Ward in HUKM. The subjects are the staffs who were responsible to reconstituted cytotoxic drug of each units. The total of staff from these three units is 49 persons and we gave a set of questionnaire for each of them to answer. The focus of this research is to relate their demographic factors which are gender, designations, department, years of services, experiences and training with the level of knowledge and awareness of safe handling technique of cytotoxic drugs. From the 49 filled questionnaires we managed to collect, we go through all of it and key in the data into SPSS version 20.0 software to get the result in table form and also graph form. As a result most of them have knowledge and aware about the safe handling technique during reconstitution. Moreover, many of them gave suggestion for hospital to make the workshop or send them for training to improve their knowledge about it. Thus, it can help to avoid or minimize occupational exposure to cytotoxic drugs and related wastes within health care establishments.

ACKNOWLEDGEMENT

To begin with, I would like give my deepest appreciation to all those who gave me the opportunity to held this research as my final project in finishing Diploma in Pharmacy course at UiTM Pulau Pinang. I take this opportunity to express a deep sense of gratitude to Hospital University Kebangsaan Malaysia (HUKM) Pharmacy Department for the pleasant support, valuable information and guidance, which helped me in completing this task through various stages.

I take this opportunity to express my profound gratitude and deep regards to my guide Miss Nur Liyana and Miss Wan Ilina for their exemplary guidance, monitoring and constant encouragement throughout the course of this research.

I also like to express my gratitude to my lecturers, Madam Normiyah, Madam Che Noriah, Madam Suraya and other lecturers of Faculty of Pharmacy in Pulau Pinang and Puncak Alam for their advices and explanation about my research.

I also obliged to pharmacy staff members of HUKM especially to Cytotoxic Drugs Reconstitution (CDR) unit, Daycare Oncology, and Pediatric Oncology Ward., for the valuable information provided by them in their respective fields. I am very grateful for their cooperation during the period of my research.

Lastly, I thank almighty, my family, and friends for their constant encouragement without which this research would not be possible.

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