"KNOWLEDGE, ATTITUDE AND PERCEPTION OF HALAL AND HARAM INGREDIENTS IN MEDICINES AMONG PHARMACISTS AND PHARMACY ASSISTANTS IN HOSPITAL UNIVERSITI SAINS MALAYSIA"



DIPLOMA IN PHARMACY IN THE FACULTY OF PHARMACY, UNIVERSITI TEKNOLOGI MARA (PULAU PINANG)

PREPARED BY AHMAD KHAIRUL AZWAR BIN SUKERI AZNIE BINTI AZUDDIN EMMY INSYIRAH BINTI OTHMAN

MARCH 2016

"Knowledge, Attitude and Perception of Halal and Haram Ingredients in Medicines among Pharmacists and Pharmacy Assistants in Hospital Universiti Sains Malaysia"

Prepared by

(Ahmad Khairul Azwar bin Sukeri, Aznie binti Azuddin & Emmy Insyirah binti Othman)

Supervisor:

Mr. Mohd Hanif Ab Rahman
(Pharmacy Department, Hospital Universiti Sains Malaysia, Kelantan)

Co-supervisor:

Mrs. Roz Azinur Che Lamin
(Lecturer, Faculty of Pharmacy UiTM (Pulau Pinang))

Submitted in partial fulfilment for the Degree of Diploma in Pharmacy of
Faculty of Pharmacy,
Universiti Teknologi MARA
(Pulau Pinang)

March, 2016

Faculty of Pharmacy, Universiti Teknologi MARA (Pulau Pinang)

ABSTRACT

This study was conducted as a cross-sectional study which is carried out between June 2015 and March 2016. Structured and self-administered questionnaires are used to evaluate Knowledge, Attitude and Perception (KAP) of Halal and Haram ingredients in medicines, among pharmacists and pharmacy assistants in Hospital UniversitiSains Malaysia, KubangKerian, Kelantan.

The research was done at HopitalUniversitiSains Malaysia (HUSM), KubangKerian, Kelantan. The study was conducted on a target sample of 35 pharmacists and 68 pharmacy assistants which are the total number of pharmacists and pharmacy assistants in this hospital during the study is conducted.

Therefore, there is no exclusion in this study. However, under unwanted circumstances, a few respondents cannot take part in this study. Study settings include Outpatient Pharmacy Unit, Inpatient Pharmacy Unit, Aseptic Dispensing Unit, Radiopharmaceutical Unit, Therapeutic Drug Monitoring Unit, Pharmaceutical Manufacturing Unit, Store Management Unit, Drug Information Unit, Clinical Pharmacy Unit, and Administration and Finance Unit. The questionnaires are distributed directly to the respondents.

From the questionnaires swe manage to collect, we go through all of it and key in the data into Microsoft Excel software to get the result in a table form. Instead, this result will be known and soon it is beneficial for future research indeed. Thus, the hospital might achieve their real objectives to evaluate Knowledge, Attitude and Perception (KAP) of Halal and Haram ingredients in medicines, among pharmacists and pharmacy assistants.

ACKNOWLEDGEMENT

In performing our research, we had to take help and guideline of some respected persons, who deserve our greatest gratitude.

First of all,we would like to thank all those who gave us the chances to conduct and complete this research as our final project in completing our Diploma in Pharmacy at UiTM Pulau Pinang. Besides, we also would like to give appreciation to the Department of Pharmacy of Hospital Universiti Sains Malaysia (HUSM), Kubang Kerian, Kelantan, for giving us cooperation in regarding the research we have conducted.

A million thanks to our supervisor, Mr. Mohd Hanif Ab Rahman for his guidance and also his fresh ideas that help a lot in completing this research. Next, we also would like to express our biggest gratitude to our lecturers, Madam Roz Azinur Che Lamin and other lecturers of Faculty of Pharmacy in Pulau Pinang and Puncak Alam for comments that greatly improved the manuscript for our research.

We would also like to show our gratitude to all pharmacists and pharmacy assistants in HUSM who have helped us a lot in the process of collecting the survey questionnaires for our research.

Last but not least, we would also immensely grateful to beloved friends and family members who had given their full support and for giving a great help in the process of completing this research. Lastly, we would also like to expand our deepest gratitude to all those who have directly and indirectly guided us in completing this research. Thank you.

TABLE OF CONTENT

Acknowledger	ment	ii
Table of Conte	ent	iii
List of Tables		iv
Abstract		v
CHAPTER 1	INTRODUCTION	1
CHAPTER 2	TER 1 INTRODUCTION TER 2 LITERATURE RIVIEW 3 TER 3 AIM AND OBJECTIVES 3.1 Aim	
CHAPTER 3 AIM AND OBJECTIVES		6
	3.1 Aim	
	3.2 Objectives	
CHAPTER 4 MATERIALS AND METHODS		7
	4.1 Study Design	
	4.2 Study Subject	
	4.3 Data Collection	
	4.4 Data Analysis	