

**“KNOWLEDGE, AWARENESS, AND PERCEPTION ON
MAMMOGRAM SCREENING AND EFFECTING FACTORS
AMONG VISITORS AT HOSPITAL MELAKA”**



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

**PREPARED BY:
MUHAMMAD AMIR BIN HAMDAN
TAHA BIN KHAMIS
NURUL FATHIAH BINTI MUHD AZMI
HAFIZAH BINTI AHMAD**

MARCH 2016

**“Knowledge, Awareness, and Perception on Mammogram Screening
and Effecting Factors among Visitors at Hospital Melaka”**

Prepared by

**(Muhammad Amir Bin Hamdan, Taha Bin Khamis,
Nurul Fathihah Binti Muhd Azmi & Hafizah Binti Ahmad)**

Supervisor: Mr. Gopi Muniandy

(Pharmacy Department, Hospital Melaka)

Submitted in partial fulfillment 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

Nowadays, breast cancer is one of the killer diseases in Malaysia. One way to diagnose the cancer is through mammogram screening. However not many people are aware or know about mammogram. The purpose of this study is to determine the level of perception, awareness and knowledge about mammogram screening and the effecting factors among visitors of Hospital Melaka. Questionnaire had used to collect the information that needed. There were 200 respondents involved in this study and there are from visitors in Hospital Melaka. The questionnaire had two languages, English and Malay. Pilot test was used to know the people's understanding towards the questionnaire. Data was analyzed by using Statistical Package Social Science (SPSS) for Window Version 18.0 Software. Researchers in this study used percentage to analyze the level of perception, awareness and knowledge about mammogram screening among visitors of Hospital Melaka. As a conclusion the result showed 104 (52%) of respondent have a low knowledge about mammogram while the remaining 96 (48%) respondents have a high knowledge about mammogram. For level of awareness, 108 (54%) of respondents have low awareness about mammogram screening test, while 92 (46.0%) of them have high awareness about mammogram. Result for perception of mammogram showed 97 (48.5%) of respondents believes that mammogram screening test is unimportant, while 103 (51.5%) of respondents believes that mammogram is important. From the finding, there is no difference level of knowledge between gender and ages. However there is a difference level of knowledge between employed and unemployed respondent. Secondly, there is a difference level of awareness between gender also for the employed and unemployed respondent. For the ages there is no difference level of awareness. Lastly, there is a difference level of perception between gender. Meanwhile, there is no difference level of perception between ages and for the employed and unemployed respondent.

ACKNOWLEDGEMENT

The success and final outcome of this research project required a lot of guidance and assistance from many people and us extremely fortunate to have got this all along the completion of our research project work. Whatever we have done is only due to such guidance and assistance and we would not forget to thank them. We respect and thank our lecturer of Faculty of Pharmacy, Madam Che Noriah and Madam Hazarina for giving us an opportunity to do this project work and providing us all support and guidance which made us complete the assignment on time.

This project work also cannot be completed without the support from Mr. Gopi Muniandy, our supervisor for this project. We appreciate him for providing such a nice support and guidance to us. We also like to express our gratitude to our research project supervisor, Miss Maizura from Clinical Research Centre for her advices and comments about our research. Lastly, we would like to thanks to our family members and friends which has been support and contribute in our research project.

TABLE OF CONTENTS

Acknowledgement	ii
Table of Contents	iii
List of Tables	v
List of Figures	vi
Abstract	vii
CHAPTER 1 INTRODUCTION	1-4
CHAPTER 2 LITERATURE REVIEW	5
2.1 Knowledge	5
2.2 Awareness	6
2.3 Perception	6-7
CHAPTER 3 AIM AND OBJECTIVES	8
3.1 Aim	8
3.2 Research Objective	8
3.3 Research Hypotheses	8
3.4 Research Questionnaire	9
CHAPTER 4 MATERIALS AND METHODS	10
4.1 Study Design	10
4.2 Study Subject	10
4.3 Data Collection	10
4.4 Data Analysis	10-11
CHAPTER 5 RESULTS AND DISCUSSION	12
5.1 Results	12-22
5.1.1 Hypotheses	
5.1.2 Demographic Profile	
5.1.3 Questionnaire and Frequency Respondents	
5.1.4 Normality Test	