

UNIVERSITI TEKNOLOGI MARA  
FAKULTI SAINS PENTADBIRAN DAN PENGAJIAN POLISI



THE INFLUENCE OF PERCEIVED BENEFITS, RISK  
PERCEPTION AND CULTURAL BELIEF TOWARDS  
MAMMOGRAM SCREENING INTENTION AMONG WOMEN IN  
BUJANG VALLEY

AINA NABILA BINTI MOHD RADZI  
NURKHALIDAH BINTI PABLI

2015135235  
2015164983

DECEMBER 2017

## **THE DECLARATION**

### **DECLARATION**

We hereby declare that the work contained in this research proposal is original and our own except those duly identified and recognised. If we are later found to have committed plagiarism or acts of academic dishonesty, action can be taken in accordance with UiTM's rules and academic regulations.

Signed

---

Name: Aina Nabila Binti Mohd Radzi  
Matric No.: 2015135235

Signed

---

Name: Nurkhalidah Binti Pabli  
Matric No.: 2015164983

## **Table of Contents**

<b>CHAPTER 1: INTRODUCTION .....</b>	<b>1</b>
1.1 Introduction .....	1
1.2 Problem Statement.....	4
1.3 Research Question .....	7
1.4 Research Objective.....	7
1.5 Scope of Study.....	8
1.5.1 Level.....	8
1.5.2 Territory .....	9
1.5.3 Time .....	9
1.6 Significant of Study.....	9
1.6.1 Theoretical .....	9
1.6.1.1 Knowledge .....	9
1.6.2 Practical.....	10
1.6.2.1 Government.....	10
1.7 Definition of terms, terminology and concepts .....	10
1.7.1 Breast Cancer .....	10
1.7.2 Mammogram Screening Intention.....	11
1.7.3 Perceived Benefit.....	11
1.7.4 Risk Perception .....	12
1.7.5 Cultural Belief.....	12
1.8 Conclusion.....	12
<b>CHAPTER 2: LITERATURE REVIEW .....</b>	<b>12</b>
2.1 Introduction .....	13
2.2 Mammogram Screening Intention.....	13
2.3 Health Belief Model .....	15
2.4 Factors.....	20
2.4.1 Attitude.....	20
2.4.2 Knowledge .....	20
2.5 Independent Variables.....	21
2.5.1 Perceived Benefit.....	21
2.5.2 Risk Perception .....	22
2.5.3 Cultural Belief.....	23

2.6 Conceptual Framework.....	25
2.7 Hypothesis.....	27
<b>CHAPTER 3: RESEARCH METHODOLOGY .....</b>	<b>31</b>
3.1 Introduction .....	31
3.2 Research Design .....	31
3.3 Unit/Level of Analysis.....	31
3.4 Sample Size .....	32
3.5 Sampling Technique .....	32
3.6 Measurement/Instrumentation.....	33
3.6.1 Perceived Benefit.....	34
3.6.2 Risk Perception .....	35
3.6.3 Cultural Belief.....	36
3.6.4 Intention to Mammogram Screening among women .....	37
3.7 Data Collection.....	38
3.8 Data Analysis.....	38
3.8.1 Descriptive Analysis .....	39
3.8.2 Pearson Correlation .....	39
3.8.3 Multiple Regression .....	40
3.8.4 Pilot Study .....	41
3.8.5 Testing of the hypotheses.....	42
3.9 Conclusion.....	42
<b>CHAPTER 4: FINDINGS .....</b>	<b>43</b>
4.1 Introduction .....	43
4.2 Respond Rate .....	43
4.3 Demographic Section .....	44
4.4 Findings .....	46
4.4.1 Research Objective 1 .....	46
4.4.2 Research Objective 2 .....	47
4.4.3 Research Objective 3 .....	48
4.4.4 Research Objective 4 .....	49
4.4.5 Research Objective 5 .....	50
4.5 Summary of Hypotheses Testing .....	51
4.6 Conclusion.....	51

## **CHAPTER 1**

### **INTRODUCTION**

#### **1.1 Introduction**

Breast cancer is the most frequent diagnosed cancer among women worldwide (Globocan, 2008; World Health Organization, 2013; Soskolne, Marie & Manor, 2006). According to Globocan (2012), the estimation of breast cancer incidence rate of population is 1.7 million people. According to American Cancer Society (2015), in 2015, it is estimated 231,840 new cases of breast cancer will be diagnosed among women and approximately 40,290 women will be died from breast cancer. Breast cancer disease is the most common cancer after lung cancer when ranked by cancer occurrence in both sexes, (Ferlay, Hery, Autier & Sankaranarayanan, 2010). According to National Cancer Institute (2017), globally the total number of new cases of breast cancer diagnosed annually exceeds one million, and this figure is expected to reach 1.6 million by 2015 in United States.

Breast cancer appears to be a major global health problem of both the developing and developed countries (Parkin et al., 2005; Al-dubai et al., 2011). The incidence of breast cancer varies between countries. In the develop country the highest incidence of breast cancer is in the United States and Northern South America, while the highest incidence rate of breast cancer in developing country of Asia is China (Pisani et al., 2002; GLOBOCAN, 2012). It is rising rapidly in Asian countries because of longer life expectancy and dramatic changes in parity and lifestyle. The increasing burden of breast cancer in Asian countries is exacerbated by late presentation and limited access to therapies, resulting in poorer outcomes. A number of reasons for poor uptake have been described in Singapore, Thailand, Malaysia and Iran, and these include cost of