

**UNIVERSITI TEKNOLOGI MARA**

**AWARENESS ON CERVICAL  
CANCER AND HPV VACCINE AND  
ACCEPTANCE OF VACCINATION  
AMONGST THE FEMALE  
STUDENTS IN CENTRE OF  
FOUNDATION STUDIES (CFS) UITM  
PUNCAK ALAM**

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## ABSTRACT

There is a growing concern about individuals' awareness and willingness to receive the HPV vaccine since the young women are much dependant on the parents' acceptance of the vaccination. The aim of this study is to determine the awareness, initiative and willingness against cervical cancer and HPV vaccination among female students in Centre of Foundation Studies (CFS) UITM Puncak Alam. This is a cross sectional study with convenient sampling method. A validated questionnaire was used for data collection instrument. A total number of 444 female students participated in this study with more than half (68.1%) agreed that cervical cancer can be prevented by HPV vaccination. Female students were found to have a satisfactory level of awareness and willingness with total scores of over 70%. Regarding the factors that influenced the level of awareness, only monthly household income significantly influenced the awareness level ( $p=0.044$ ) while for the factors that influenced the level of initiative, only family history of HPV vaccination was found to be significant ( $p<0.05$ ). Awareness level is found to be positively related to the willingness level at  $r=0.319$ ,  $p<0.01$ . Slightly more than three quarters (78.8%) of the participants were willing to be vaccinated with 43.3% stated that they are willing to pay for the vaccine if it was not provided for free. 27.7% agreed that there was enough publicity on the awareness of HPV vaccination. Therefore, promotion of HPV vaccine and including HPV vaccine in the national vaccination program is very important as a primary prevention from cervical cancer among female students.

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## TABLE OF CONTENTS

	<b>Page</b>
<b>CONFIRMATION BY PANEL OF EXAMINERS</b>	ii
<b>AUTHOR'S DECLARATION</b>	iii
<b>ABSTRACT</b>	iv
<b>ACKNOWLEDGEMENT</b>	v
<b>TABLE OF CONTENTS</b>	vi
<b>LIST OF TABLES</b>	ix
<b>LIST OF FIGURES</b>	xi
<b>LIST OF ABBREVIATIONS</b>	xii
<b>CHAPTER ONE: INTRODUCTION</b>	<b>1</b>
1.1 Overview	1
1.2 Prevalence of HPV	3
1.3 Problem Statement	5
1.4 Rational of the Study	6
1.5 Research Questions	7
1.6 Research Objectives	7
1.6.1 Primary Objective	7
1.6.2 Secondary Objectives	7
1.7 Hypothesis	8
<b>CHAPTER TWO: LITERATURE REVIEW</b>	<b>9</b>
2.1 Awareness of Cervical Cancer and HPV Vaccination	9
2.2 Initiative to Get More Information about Cervical Cancer and HPV Vaccination	10
2.3 Willingness to Get Human Papillomavirus (HPV) Vaccination	11
2.4 Measurement Issues Related to the Development of a Validated and Reliable Questionnaires	12

2.4.1	Questionnaires Development and Item Generation	12
2.4.2	Reliability and Validity of the Questionnaires	14
<b>CHAPTER THREE: METHODOLOGY</b>		16
3.1	Introduction	16
3.2	Study Design	16
3.3	Study Sample	18
3.3.1	Sample Size Calculation	18
3.4	Participant Selection Criteria	18
3.4.1	Inclusion Criteria	18
3.4.2	Exclusion Criteria	19
3.5	Ethical Consideration	19
3.6	Measurement Instrument	19
3.6.1	Data Collection Instrument: The Questionnaire	19
3.6.2	Validation of the Questionnaire	20
3.6.3	Pilot Study of the Questionnaire	21
3.6.3.1	Reliability of the Questionnaires: Internal Consistency	22
3.6.3.2	Construct Validity of the Questionnaires: Factor Analysis	22
3.7	Data Analysis	23
3.7.1	Assessment of Level of Awareness, Initiative and Willingness	24
<b>CHAPTER FOUR: RESULTS</b>		25
4.1	Validity and Reliability of the Study Instrument	25
4.1.1	Content Validity	25
4.1.2	Pilot Study of the Questionnaire	26
4.1.2.1	Reliability (Internal Consistency)	28
4.1.2.2	Construct Validity (Factor Analysis)	33
4.2	Student Response Rate	38
4.3	Socio-Demographic Characteristics	38
4.4	Awareness of Female Students on Cervical Cancer and HPV Vaccination	40
4.4.1	Level of Female Students' Awareness on Cervical Cancer and HPV Vaccination	42