

بسم الله الرحمن الرحيم



-Caron-





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغيار



Promoting Health Practices of Teenage Mothers Regarding Health Care of Their Infants

Thesis

Submitted for Partial Fulfillment of Doctorate Degree in Nursing Science (Community Health Nursing)

By

Amal Kamel Arafa Emam

M .Sc Community Health Nursing 2016

Faculty of Nursing

Ain Shams University

Faculty of Nursing
Ain Shams University
2019

Promoting Health Practices of Teenage Mothers Regarding Health Care of Their Infants

Thesis

Submitted for Partial Fulfillment of Doctorate Degree in Nursing Science (Community Health Nursing)

Supervised by

Prof. Dr. Faten Khayrat El-Guindi

Professor of Community Health Nursing
Faculty of Nursing
Ain Shams University

Prof. Dr. Hemat Abd Elmoneem El Sayied

Professor of Community Health Nursing
Faculty of Nursing
Ain Shams University

Faculty of Nursing
Ain Shams University
2019



My thanks are submitted first and foremost to ALLAH Who gave me the strength and ability to complete this work.

I wish to express my profound gratitude to **Prof. Dr. Faten** Khayrat El-Guindi, Professor of Community Health Nursing. Faculty of Nursing - Ain Shams University,, for her support, suggestions and guidance in the development of this work. Her constructive criticism is helpful and honest. Her remarks expanded my knowledge.

Words can never express my deep thanks and appreciation to **Prof. Dr. Hemat Abd Elmoneem El Sayied,** Professor of Community Health Nursing. Faculty of Nursing -Ain Shams University,, for her sincere directions and continuous support through this study, faithful guidance, and friendly encouragement.

Finally my heartfelt thanks and gratitude are also to my dear family and all friends for their continuous support and encouragement during the time of stress.

Amal Kamel Arafa Emam

LIST OF CONTENTS

	Title	Page
•	List of Tables	I
•	List of Figures	IV
•	List of Abbreviations	VII
•	List of Appendices	IX
•	Abstract	X
•	Introduction	1
•	Aim of the Study	5
•	Review of Literature	
	> Teenage mother	6
	> Infant Care	14
	> Role of CHN in promoting optimal teenage	ge
	mothers practices in infants' care	51
•	Subjects and Methods	66
•	Results	88
•	Discussion	139
•	Conclusion	157
•	Recommendations	158
•	Summary	159
•	References	165
•	Appendices	193
•	Protocol	
	Arabic Summary	

LIST OF TABLES

Mo.	Table	Page
	Table of review	
<u>1</u>	Weaning Chart	32
	Tables in Results	
<u>1</u>	Distribution of teenage mothers according to socio-demographic characteristic	89
<u>2</u>	Distribution of the infants according to their personal characteristic	91
<u>3</u>	Distribution of infants according to their physical assessment from medical record	92
<u>4</u>	Distribution of infants according to their vital signs and investigation from medical record	94
<u>5</u>	Distribution of infants according to their history of accidents and diseases from medical record	95
<u>6</u>	Distribution of teenage mothers according to their knowledge about breast feeding pre & post program	96
<u>7</u>	Distribution of teenage mothers according to their knowledge about artificial feeding pre & post program	99
<u>8</u>	Distribution of teenage mothers according to their knowledge about vaccinations pre & post program	101

List of tables

No.	Table	Page
9	Distribution of teenage mothers according to their knowledge about weaning pre & post program	103
<u>10</u>	Distribution of teenage mothers according to their knowledge about infants' hygiene pre & post program	106
<u>11</u>	Distribution of teenage mothers according to their knowledge about Sleep and rest for their infants pre & post program	109
<u>12</u>	Distribution of teenage mothers' knowledge about accidents happen for their infants pre & post program	111
<u>13</u>	Distribution of teenage mothers' knowledge about disease happen for their infants pre & post program	113
<u>14</u>	Distribution of teenage mothers according to their practices toward infant feeding pre & post program	116
<u>15</u>	Distribution of teenage mothers according to practice towards bottle feeding pre & post program	119
<u>16</u>	Distribution of teenage mothers according to practice towards measuring auxiliary temperature pre & post program	122
<u>17</u>	Distribution of teenage mothers according to practice towards baby bath pre & post program	124
<u>18</u>	Distribution of teenage mothers according to practice towards Diaper care pre & post program	126

List of tables

No.	Table	Page
<u>19</u>	Correlation between demographic characteristics of teenage mother and their knowledge towards their infants care pre& post program	129
<u>20</u>	Correlation between demographic characteristics of teenage mother and their practice towards their infants care pre & post program	131
<u>21</u>	Correlation between total level of mother knowledge about infant care and their vital signs and investigation pre & post program	133
22	Correlation between total level of teenage mother practice about infant care and their vital signs and investigation pre & post program	135
<u>23</u>	Correlation between total level of mother knowledge about infant care and their practice pos program	137
24	Correlation between total level of mother knowledge about infant care and their practice post program	138

LIST OF FIGURES

No.	Figure	Page	
	Figure in Review of Literature		
<u>1</u>	Teething	16	
<u>2</u>	Sitting Up	17	
<u>3</u>	Motor Skills	17	
4	Head Control and Ambulation	18	
<u>5</u>	Fine Motor Development in infancy	19	
<u>6</u>	Responding to Cries	20	
<u>7</u>	Psychosocial development	21	
<u>8</u>	The infant play	22	
<u>9</u>	Different positions for breastfeeding	26	
<u>10</u>	Rubbing baby	27	
<u>11</u>	Introducing Solid Foods	30	
<u>12</u>	Allergenic foods	30	
<u>13</u>	Infant bath	33	
<u>14</u>	Cradle Crap	35	
<u>15</u>	Nails care for infant	36	
<u>16</u>	The schedule of obligatory vaccination in	39	
	Egypt	39	
Figure in Results			
<u>1</u>	Distribution of teenage mother's total		
	knowledge level about breast feeding pre &	98	
	post program.	· · · ·	

List of Figures

No.	Figure	Page
2	Distribution of teenage mother's total knowledge level about artificial feeding pre & post program	100
<u>3</u>	Distribution of teenage mother's total knowledge level about vaccinations pre & post program	102
4	Distribution of teenage mother's total knowledge level about weaning pre & post program	105
<u>5</u>	Distribution of teenage mother's total knowledge level about infants' hygiene pre & post program	108
<u>6</u>	Distribution of teenage mother's total knowledge level about Sleep and rest for their infant pre & post programs	110
7	Distribution of teenage mother's total knowledge level about accidents happen for their infants pre & post program	112
<u>8</u>	Distribution of teenage mother's total knowledge level about disease happen for their infants pre & post program	114
9	Distribution of teenage mother's total knowledge about care of their infants pre & post program	115
<u>10</u>	Distribution of teenage mothers according to their total level of practices toward infant feeding pre & post program	118
<u>11</u>	Distribution of teenage mothers according to their total level of practices toward bottle feeding pre & post program	121

List of Figures

Mo.	Figure	Page
12	Distribution of teenage mothers according to their total level of practices toward auxiliary temperature pre & post program	123
<u>13</u>	Distribution of teenage mothers according to their total level of practices toward baby bath pre & post program	125
<u>14</u>	Distribution of teenage mothers according to their total level of practices toward diaper care pre & post program	127
<u>15</u>	Distribution of teenage mothers according to their total level of practices toward infant care pre & post program	128

LIST OF ABBREVIATIONS

Abb. Meaning **AAP** : American Academy of Pediatrics ACOG : American College of Obstetricians and Gynecologists **AF** : Artificial Feeding **AIDS** : Acquired Immunodeficiency Sndrome : Acute Lower Respiratory Infections **ALRIs** : Baby Center Australia Medical Advisory Board **BCAMAB BCG** : Bacille Calmette-Guérin **CDCP** : Centers for Disease Control and Prevention **CF** : Complementary Feeding **CHN** : Community Health Nurse **DPT** : Diphtheria-Pertussis-Tetanus Vaccine **EDHS** : Egypt Demographic Health Survey **HAV** : Hepatitis A Virus : Hepatitis B Virus **HBV** : Health Education HE : Human Immunodeficiency Virus HIV ID : Intra Dermal Injection IM : Intra Muscular Injection IOM : Institute Of Medicine Kg : Kilo gram LBW : Low Birth Weight **MCH** : Maternal and Child Health

List of Abbreviations

MMR : Measles-Mumps- Rubella Vaccine

MOH : Ministry Of Health

NICUS : Nutrition Information Center University of

Stellenbosch

No : Number

OPV : Oral Polio Vaccine

ORS : Oral Rehydration Solution

PDCMU: Pediatric Department, China Medical University

RDA: Recommended Dietary Allows

SC : Sub Cutaneous Injection

SIDS : Sudden Infant Death Syndrome

SPSS : Statistical Package for the Social Sciences

URTI : Upper Respiratory Tract Infections

WHO: World Health Organization