HEALTH TEACHING PROGRAM FOR THE PREPARATION OF THE MOTHER TO CONTROL DIARRHOEAL DISEASES IN PRACTICE

Thesis

Submitted in Partial Fulfillment of the Requirement
for Doctorate Degree in Nursing Science Pediatric Nursing

By

Madiha Amin Morsy Abou Khalah

B.Sc. N., 1983
M.Sc. N., 1990
Assist. Lecturer in Pediatric Nursing
High Institute of Nursing
Ain Shams University

610.7362
M.A

Supervised by

Professor Doctor
Abd El Khalek Khattab
M.D, Ph.D. (Ed), F.R.C.P. (Ed),
F.R.C.P. (Gasg.)
Professor. & Chairman
of Paediatric Department

Doctor
Nawal Mohmoud Soliman
Assistant Prof. of
Community Health Nursing
High Institute of Nursing,
Ain Shams University

High Institute of Nursing
Faculty of Medicine
Ain Shams University
1996

Central Library - Ain Shams University

Central Library - Ain Shams University

بسم الله الرحمن الرحيم

Central Library - Ain Shams University

بسم الله الرحمن الرحيم

"قالوا سبحانك لا علم لنا إلا ما علمتنا إنك أنت العليم الحكيم"

صدق الله العظيم

(البقرة، آية رقم ٣٢)

Central Library - Ain Shams University

Central Library - Ain Shams University

Dedication
to

Dear God Let ME Hold
Up My Silver Cup For
Them To Drink To Cure
That is Prmission From You

Central Library - Ain Shams University

Central Library - Ain Shams University

ACKNOWLEDGEMENTS

Thanks God for lightening my path to become a humble student of a noble Profession.

I wish to express my gratitude to all who helped me in fulfilling this work to become a message directed to Egyptian Mothers.

I'am deelpy grateful and undeniably indebtted to the Late prof. *Dr/ Abdel Khalik Khattab*. The father of humanity who tought me not to harden the soft heart of a child. He had fatherly guided me throughout this work with his delibrat invaluable advisies.

My sincere and cordial gratitude are to my dear prof. *Dr/ Nawal Mohmoed Soliman*, Assiatant prof. of Public Health Nursing Ain Shams University, for her unfailing kindness, support and advise. She has put freely at my disposal her immense experience and knowledge and spent a lot of her valuble time buillding up this work. without her help, this work would have not been produced.

Madiha Amin Morsy
1996

Central Library - Ain Shams University

Central Library - Ain Shams University

List of Abbreviation

B.F.	: Breast Feeding
B.P	: Blood Pressure
D.D.	: Diarrhoeal Disease
ESBMF	: Egyption Society Breast Milk Friends
KAP	: Knowledge, Attitude, practice
M.O.H	: Ministry of Health
ORS	: Oral Rerhydran Solution
W.H.O	: World Health Organization
A.R.T.	: Acute Pespiratory Infestions
N.C.DD.P.	: National Control Diarrhaeal disease Project.
ETEC	: Entero Toxogenie Eicherichia coli
EPEC	: Enterpathogenic Eicherichia coli
EAEC	: Enteroadhesive Eicherichia coli
ORT	: Oral Rehydran therapy.

Central Library - Ain Shams University

Central Library - Ain Shams University

CONTENTS

Page

INTRODUCTION 1

AIM OF STUDY 3

REVIEW OF LITERATURE 4

Magnitude of the problem 9

Definition 11

Types of diarrhoea 13

Predisposing factors contributing to diarrhoeal incidence..... 19

Etiology 29

Bacterial 30

Viral 36

Protozoa 40

Understand of water and electrolyte 42

Physiology of absorption and secretion 42

Intestinal absorption of water and electrolytes 43

Intestinal secretion of water and electrolytes 44

Mechanism of water diarrhoea 45

Secretory diarrhoea 45

Osmotic diarrhoea 46

Central Library - Ain Shams University

CONTENTS (cont.) *Page*

Pathogenesis of diarrhoea 48

compensatory mechanism of diarrhoea 50

Complications 53

Management 77

Preventive measure of Diarrhoeal Diseases. 92

Nursing management of Diarrhoeal Diseases.99

. As Health educator..... 115

. As a maneger 115

. As a researcher 115

Health education program 124

Types and level of learning 125

Knowledge and health practice and health....128

METHODOLOGY..... 145

RESULT..... 158

DISCUSSION..... 232

RECOMMENDATION..... 295

SUMMARY & CONCLUSION..... 297

REFERENCES..... 306

Central Library - Ain Shams University

CONTENTS (cont.) *Page*

APPENDIX.....

Appendix (1). Pre-program design.knowledge, attitude practice format for data collection.

Appendix (2). Knowledge questionnaire.....

Appendix (3). Attitude rating scale.....

Appendix (4). Observation check list.....

Appendix (5). Mother's opinion about the impelmented program.....

Appendix (6). Overview of the health teaching program

Appendix (7). Protocal for Doctorate degree.....

ARABIC SUMMARY.....

Central Library - Ain Shams University

Central Library - Ain Shams University