

**Patient's Needs and Nurses' Role in Deep
Venous Thrombosis**

Thesis

Submitted in partial fulfillment of the requirement for
Master Degree in Nursing Science (Medical - Surgical Nursing)

By

Hoda Diab Mohamed

B.Sc. Nursing

Demonstrator in the High Institute of Nursing, Ain Shams
University

Supervisors

Prof. Dr.

Ramez Guindy

Professor of Cardiology,
Faculty of Medicine
Ain Shams University

Dr.

Tahany El-Senousy

Assist. Professor of
Medical Surgical Nursing
High Institute of Nursing
Ain Shams University

Dr.

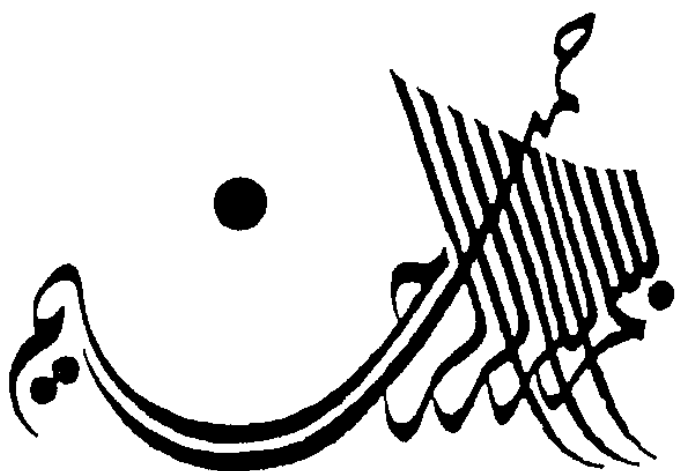
Kamelia Fouad

Lecturer of Medical - Surgical Nursing
High Institute of Nursing
Ain Shams University

**High Institute of Nursing
Ain Shams University**

1997





قَالُوا

سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا بِمَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صَدَقَ اللَّهُ الْعَلِيمُ

الآيَةُ (٢٢) سُورَةُ الْبَقَرَةِ

Acknowledgment

I would like to express my deep thanks to all those who contributed by giving their time, efforts and encouragement to the fulfillment of this work.

My most sincere gratitude and appreciation to Prof. Dr. Ramez Guindy, Professor of Cardiology, Ain Shams University, for his fruitful criticism and continuous encouragement.

I turn with a grateful heart to Dr. Tahany El-Senousy, Ass. Professor of Medical Surgical Nursing, High Institute of Nursing, Ain Shams University. I am indebted to her meticulous supervision, constructive criticism, expertise and continuous unlimited help. Without her enthusiasm, motherly attitude that has made the easiest out of the most difficult, and I would not have been able to start and reach perfection of this work. She has always been and will continue to be a great personal pleasure being a student of her.

My deepest thanks and sincere appreciation to Dr. Kamolia Fouad, Lecturer of Medical Surgical Nursing, High Institute of Nursing, Ain Shams University, for her unlimited help and valuable guidance.

Last but not least, my special gratitude to my father, my mother, my fiancée, for their tolerance and sustained moral support.

CONTENTS

	<i>Page</i>
INTRODUCTION	1
AIM OF THE STUDY	3
REVIEW OF LITERATURE	4
SUBJECTS & METHODS	80
R E S U L T S	87
DISCUSSION	148
CONCLUSIONS	162
RECOMMENDATIONS	164
SUMMARY	167
REFERENCES	173
APPENDIX	186
ARABIC SUMMARY	

LIST OF TABLES

	<i>Page</i>
Table (1): Patients' characteristic data	90
Table (2): Coexisting diseases in patients with DVT	96
Table (3): Presenting signs and symptoms behind the seeking of medical care	99
Table (4): Effect of various activities on patients' symptomatology during and after the acute phase on patients under study	102
Table (5): Extent of patients' knowledge concerning anticoagulant drugs in the 3 hospitals included in the study	104
Table (6): Patients' perception of the diagnosis of DVT in the 3 hospitals under study (Correct answers only)	107
Table (7): Patients' knowledge and perception about DVT in the 3 hospitals under study	110
Table (8): Patients feeling and self image in relation to their illness (DVT)	113
Table (9a): Demographic characteristics (age) of nurses in the three hospitals under study	117

LIST OF TABLES (CONT.)

	<i>Page</i>
Table (9b): Demographic characteristics (years of experience) of nurses in the three hospitals under study	119
Table (9c): Demographic characteristics (Qualification) of nurses in the three hospitals under study	121
Table (10): Nurses' knowledge score regarding deep venous thrombosis (DVT): in the 3 hospitals under study	124
Table (11): Nurses' knowledge score level about identification of anticoagulant drugs, investigations and complications of DVT, in the 3 hospitals under study	127
Table (12): Nurses' performance score level regarding nursing management for patients with DVT, in the 3 hospitals under study	130
Table (13): ...Nurses' knowledge about nursing of DVT, their performance in relation to their qualification ..	134
Table (14): Nurses' knowledge about nursing of DVT, their performance in relation to their years of experience	

LIST OF TABLES (CONT.)

	<i>Page</i>
Table (15): Nursing knowledge about DVT	139
Table (16): Unsatisfactory scores (not done / done wrong) for the performance of the nurse towards the DVT patient	143

LIST OF FIGURES

	<i>Page</i>
Fig. (1): Age groups of patients under study	91
Fig (2): Body-built of patients under study	92
Fig. (3): Effect of smoking among patients with DVT	93
Fig (4): Occupational needs among patients with DVT...	94
Fig. (5): Coexisting diseases in patients with DVT	97
Fig. (6): Presenting symptoms in patients with DVT.....	100
Fig. (7): Patients' knowledge about anticoagulant drugs..	105
Fig. (8): DVT patients' perception about the disease	108
Fig. (9): Patients' knowledge & perception about DVT..	111
Fig. (10): DVT patients' feeling in relation to the disease	114
Fig. (11): DVT patients' self-image in relation to the disease	115
Fig. (12): Age groups of nurses under study	118
Fig. (13): Years of experience of nurses under study	120
Fig. (14): Qualification of the nurses under study	122
Fig. (15): Nurses' knowledge (% satisfactory) as regards DVT, in the 3 hospitals under study	125

LIST OF FIGURES (CONT.)

	<i>Page</i>
Fig. (16): Nurses' knowledge (% satisfactory) as regards identification, investigation, and complications of anticoagulants, in the 3 hospitals under study	128
Fig. (17): Nurses' performance (% satisfactory) as regards patient's assessment, in the 3 hospitals under study	131
Fig. (18): Nurses' performance (% satisfactory) as regards their intervention, in the 3 hospitals under study	132
Fig. (19): Nurses' performance (% satisfactory) as regards health teaching of the patient at discharge, in the 3 hospitals under study	133
Fig. (20): Nurses' knowledge & performance in relation to their qualification	135
Fig. (21): Nurses' knowledge & performance in relation to their years of experience	137