



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

**Assessment of Infection Control Measures
Practiced by the Health Team Working
in the Delivery Room
at Ain Shams University - Maternity Hospital**

BV ٤٩٧

Thesis

**Submitted for Partial Fulfillment of the Requirements of
Master Degree in
Nursing Science (Maternal - Neonatal Nursing)**

By

Nadia Abdel Hamid Attit Allah

B.Sc.N. Nursing

Demonstrator in Faculty of Nursing

Ain Shams university

Under the Supervision of

Prof., Dr. Nadia Mohamed Fahmy

Prof. of Maternity, Neonatal Nursing

Faculty of Nursing, Ain Shams University

Prof. Dr. Mohamed Alaa Mohy El Din El Ghannam

Assist. Prof. of Gynecology & Obstetric

Faculty of Medicine - Ain Shams University

Dr. Kamilia Ragab Abou Shabana

Lecturer in Maternity - Neonatal Nursing

Faculty of Nursing, Ain Shams University

Ain Shams University

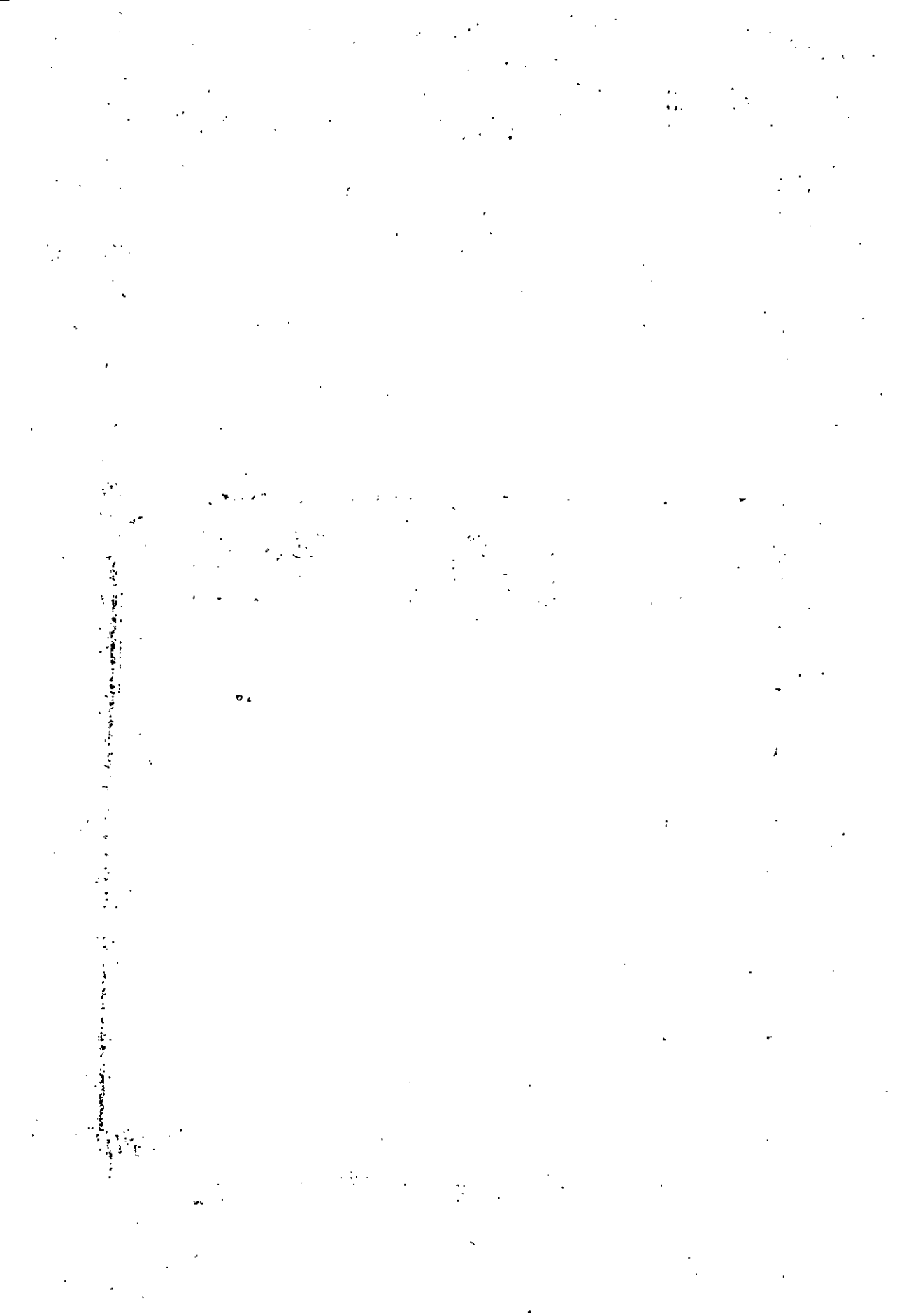
Faculty of Nursing

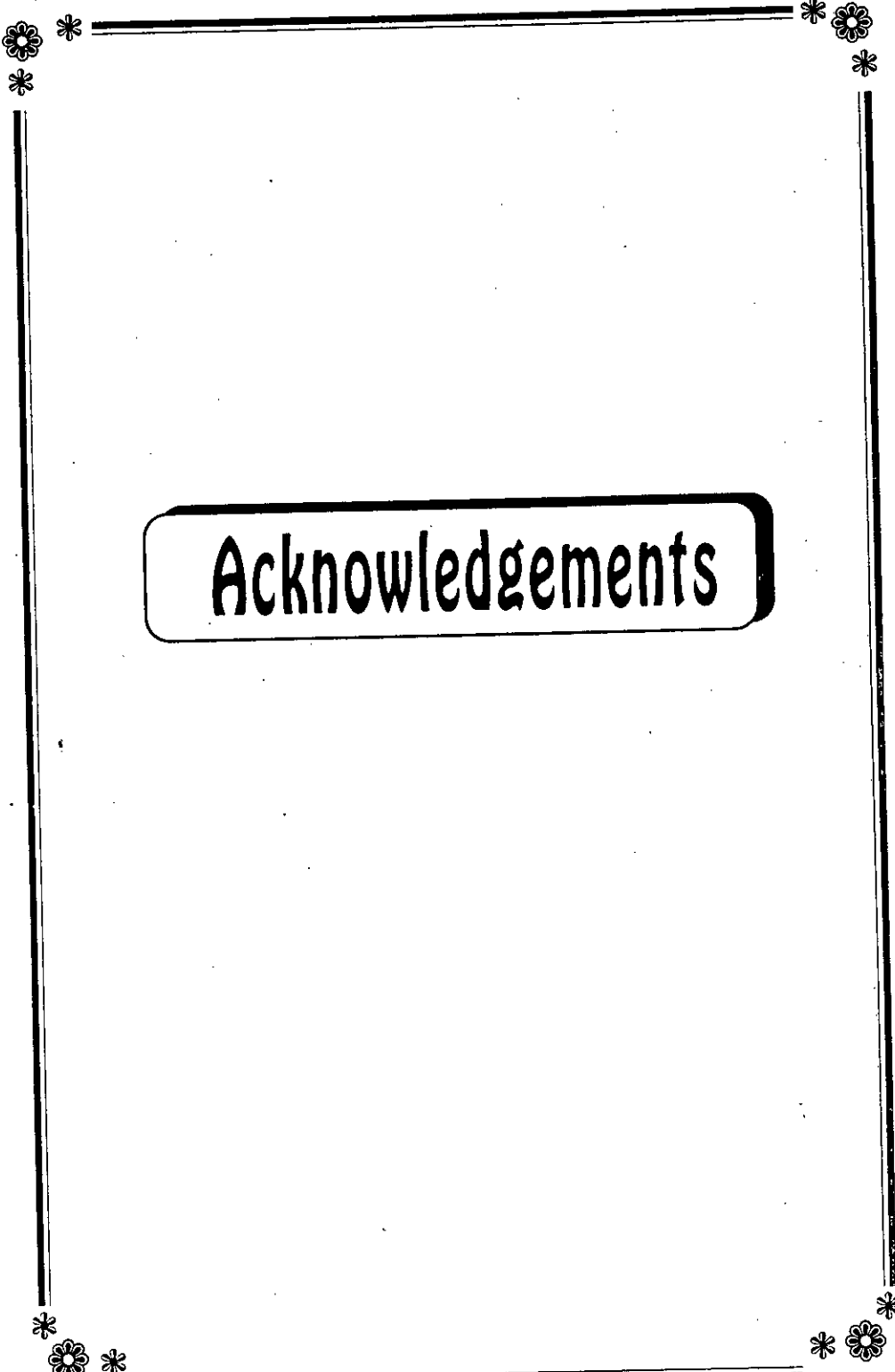
1997

M. ONRAN

[Signature]

[Signature]





Acknowledgements

Acknowledgements

First and for most I feel always indebted to God, The Most Kind and most merciful.

I would like to express my deep gratitude to Prof. Dr. Nadia Mohamed Fahmy, Prof. of Maternity - Neonatal Nursing, Faculty of Nursing. Ain Shams University. I am indebted to her meticulous supervision, constructive criticism, unlimited help; motherly attitude that has made the easiest out of the most difficulty and I would not have been able to start and reach of this work.

I turn with a grateful heart to express my appreciation for the expert assistance of Assist. Prof. Dr. Mohamed Alaa Mohy El Din El Ghanam Assist, Prof. of Obstetric and Gynecology, Faculty of Medicine - Ain Shams University - for his meticulous supervision, tireless efforts, fruitful guidance, all are deeply and heartily appreciated.

I am specially indebted and feel appreciation to Dr. Kamilia Ragab Abou Shabana, Lecturer of Maternity - Neonatal Nursing, Faculty of

Nursing - Ain Shams University, for her close supervision, cooperation, encouragement, constructive criticism and valuable guidance. She has always been and will continue to be a great personal pleasure being a student of her.

I would like to express my gratitude to the mothers who participated in this work for their cooperation.

My depest thanks and sincere appreciation to Prof. Dr. Hamdy Kamal, Professor of Estatistics, El Sadat Academics for his help and cooperation.

Last but not least, I thank sincerely my father, my mother, my sister, my brothers, lovely son and daughter and my husband Dr. Fawzy Nor El Hoda, for being always tolerant and encouraging during the time of stress.

Contents

	Page
I. Introduction	1
II. Aim of the Study	3
III. Review of Literature	
Chapter I: Infection	4
• Nature and properties of microorganisms	7
• Sources and modes of infection	8
• Disease transmission cycle.....	11
Chapter II: Infection Control	14
• Infection control committee	15
• Fundamental of infection control	16
• Factors affecting the selection of infection control measures.	30
Chapter III: Infection Control measures in the delivery room	39
IV. Methodology	46
V. Results	52
VI. Discussion	82
VII. Conclusions	89
VIII. Recommendations	91
IX. Summary	92
V. Reference	94
XI. Appendix	
XII. Arabic Summary	

List of Tables

Table No.	Title	Page
1)	Number and Percentage distribution of general characteristics of the study sample	55
2)	Percentage distribution of the health team's knowledge related to fundamentals of infection control	57
3)	Percentage distribution according to health team's knowledge about precautions for infection control	59
4)	Percentage distribution for nurses's knowledge regarding to various disinfectant & antiseptic chemical agent, routinely used in delivery room	61
5)	Percentage distribution according to health team's knowledge about blood born infection	63
6)	Percentage distribution according to Auxiliary Workers information about fundamental of infection control	65
7)	Percentage distribution for self protection and precaution practiced by health team in delivery room	67
8)	Percentage distribution according to Nurses performance related to instrument and equipment processing	69

- 9) Percentage distribution according to health
team performance regarding to skin disinfection 71
- 10) Percentage distribution according to traffic
flow of articles in delivery room 73
- 11) Percentage distribution according to health team
performance regarding traffic flow of persones
in delivery room 74
- 12) Percentage distribution according to auxiliary
workers activities in delivery room and operation
room 76
- 13) Number and percentage distribution for reused
gloves with puncture in delivery room 78