## CONTENTS

	Page
> INTRODUCTION AND AIM OF THE WORK.	1
REVIEW OF LITERATURE.	
* Chapter(I):Neonatal septicemia	
- Definition	2
- Pathogenesis and immunology of neonatal	2
infection	10
- Predisposing risk factors of neonatal infection.	14
- Causative organisms	19
- Clinical picture of neonatal infection.	24
- Laboratory diagnosis of neonatal infection	35
- Prevention of neonatal septicemia.	37
- Treatment of neonatal septicemia	
* Chapter (II): Antimicrobial peptides.	,
Families of human antimicrobial peptides.	45
Gene regulation	49
Activities of antimicrobial peptides.	50
Antimicrobial peptides as drugs.	53
Role of antimicrobial peptides in infection.	55
* Chapter (III): Interleukin-6.	
Cytokines and neonatal infection.	56
Biological function of IL-6	60
Interleukin-6 and neonatal infections.	66
> PATIENTS AND METHODS.	70
E RESULTS.	82
≥ DISCUSSION.	131
SUMMARY AND RECOMMENDATION	151
REFERENCES.	154
> APPENDIX.	
ARABIC SUMMARY.	