

CONTENTS

INTRODUCTION AND AIM OF THE WORK	1
REVIEW OF LITERATURE	2
-Chapter I :	
Neonatal septicemia.....	2
- Chapter II :	
Glucose homeostasis in the fetus and newborn	38
- Chapter III :	
Acid-base homeostasis and oxygenation.....	64
-Chapter IV :	
Lactate and lactic acidosis.....	78
PATIENTS AND METHODS	86
RESULTS	103
ANALYSIS OF RESULTS	133
DISCUSSION	139
SUMMARY & CONCLUSION	161
RECOMMENDATIONS	166
REFERENCES	167
APPENDIX	
ARABIC SUMMARY	