



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



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

29729

ANAESTHETIC IMPLICATION IN FOETAL SURGERY

Essay

Submitted For Partial Fulfillment Of
Master Degree in
Anaesthesia

By

Ayman El Sayed Abdel Kowy

M.B., B.Ch.

Faculty of Medicine, Ain Shams University

Under Sueprvision of

Prof. Dr. Fikry Fouad Ahmed El Bokl

Professor of Anaesthesia and ICU

Faculty of Medicine, Ain Shams University

Prof. Dr. Alaa Eldin Abdel Wahab Korraa

Assistant Professor of Anaesthesia and ICU

Faculty of Medicine, Ain Shams University

Prof. Dr. Bassem Boulos Ghobrial Saad

Assistant Professor of Anaesthesia and ICU

Faculty of Medicine, Ain Shams University

Faculty of Medicine

Ain Shams University

2000

بسم الله الرحمن الرحيم

الحمد لله رب العالمين

الحمد لله رب العالمين
والصلاة والسلام على
سيدنا محمد وآله الطيبين
الطاهرين

الحمد لله رب العالمين
والصلاة والسلام على
سيدنا محمد وآله الطيبين
الطاهرين

111

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ

لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ

أَنْتَ الْعَلِيمُ الْحَكِيمُ﴾

صدق الله العظيم

البقرة/ آية (٣٢)

ACKNOWLEDGEMENT

*First and foremost thanks to **ALLAH**, the most beneficent and merciful.*

*I wish to express my deep appreciation and supreme gratitude to **Prof. Dr. Fikry Fouad Ahmed El-Bokl**, Professor of Anaesthesia and ICU, Ain Shams University. For his wise supervision, valuable guidance and scientific criticism.*

*I would like to express my sincere thanks and deep gratitude to **Prof. Dr. Alaa Eldin Abdel Wahab Korraa**, Assistant Professor of Anaesthesia and ICU, Ain Shams University. For his keen supervision, valuable guidance, and constant support.*

*I am greatly indebted to **Prof. Dr. Bassem Boulos Ghobrial Saad**, Assistant Professor of Anaesthesia and ICU, Ain Shams University. For his great support, encouragement and continuous help.*

Finally to my respectable colleagues and members of Anaesthesia and ICU Department.

CONTENTS

Subjects	Page
• Introduction	1
• Chapter I	
Foetal Welfare Assessment	2
• Chapter II	
Placental Transfer of Drugs	31
• Chapter III	
Anaesthetic Considerations in In-utero Surgical Procedures	47
• Summary	74
• References	79
• Arabic Summary.	

LIST OF TABLES

Table No.	Title	Page
1	Biophysical profile scoring techniques and interpretation.....	23
2	The oxygen and carbon dioxide tensions of maternal and foetal blood	35
3	Common treatment for conditions detected before birth	54
4	Foetal monitor / resuscitation kit	56

LIST OF FIGURES

Fig. No.	Title	Page
1	Foetal circulation	6
2	Periodic foetal heart rate	20
3	Foetal biophysical profile and blood gas value.....	25
4	Oxygen dissociation curves.....	36
5	Foetal monitors, ECG, and transcutaneous oximeter in place. Subcostal incision and decompression of the chest cavity	70
6	Patch sewn to diaphragmatic defect and creation of ventral pocket	71

