



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأفلام قد أعدت دون أية تغييرات



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%



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد
بالاصل

**THE USE OF ACUTE HEMODILUTION IN PARTURIENTS
UNDERGOING ELECTIVE CESAREAN SECTION**

Thesis

Submitted for partial fulfillment of Master degree in

Obstetrics and gynecology

By



MAGID MOHAMED SHAHEIN

(M.B.,B.CH.)

Supervisors



Dr. TAREK MOHAMED SHAABAN

Assist. Professor of obstetrics and gynecology

Faculty of Medicine - Ain Shams University

Dr. MOHAMED HASAN NASREL-DEIN

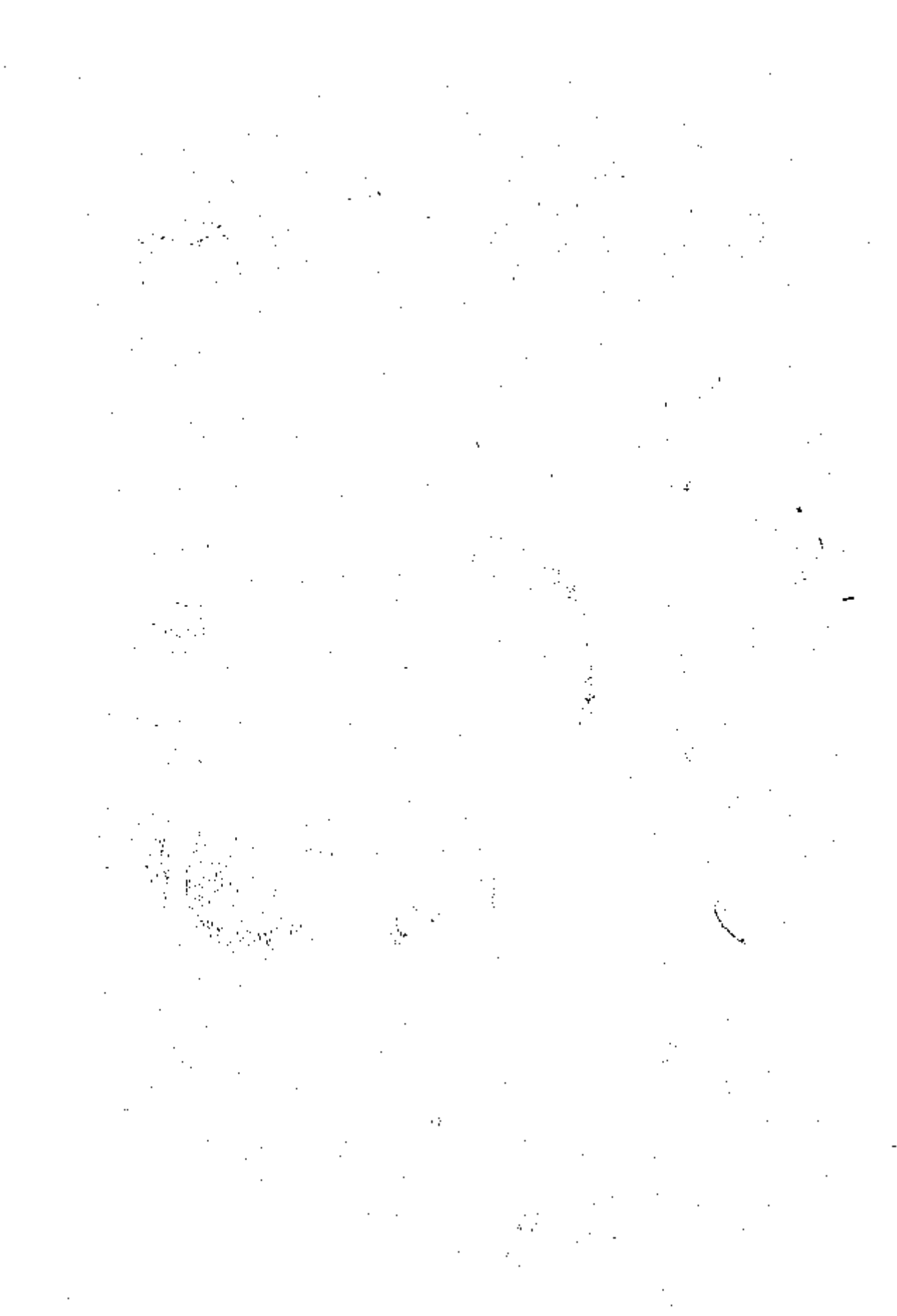


Assist. Professor of obstetrics and gynecology

Faculty of Medicine - Ain Shams University

**Faculty of Medicine
Ain Shams University**

2000



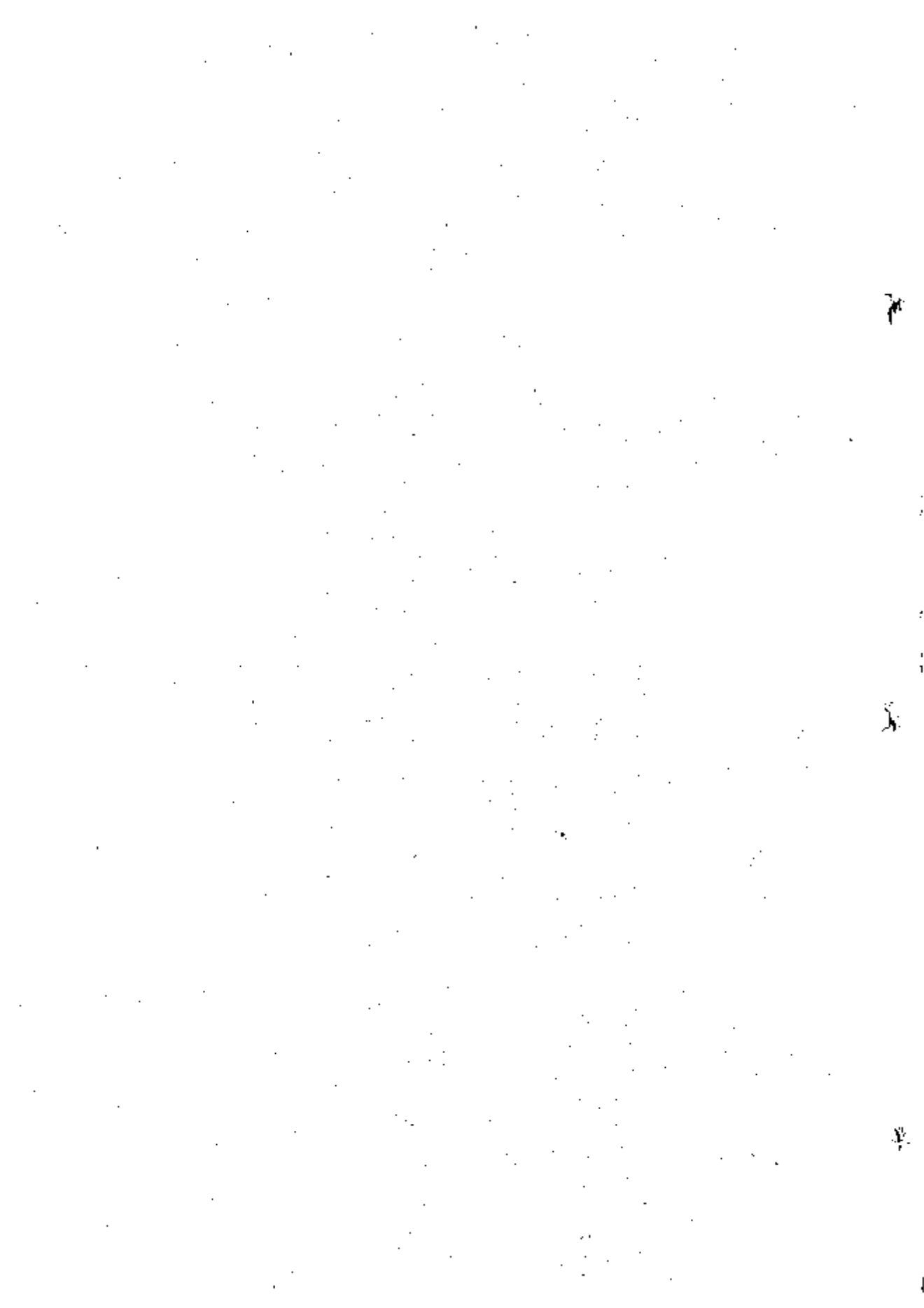
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

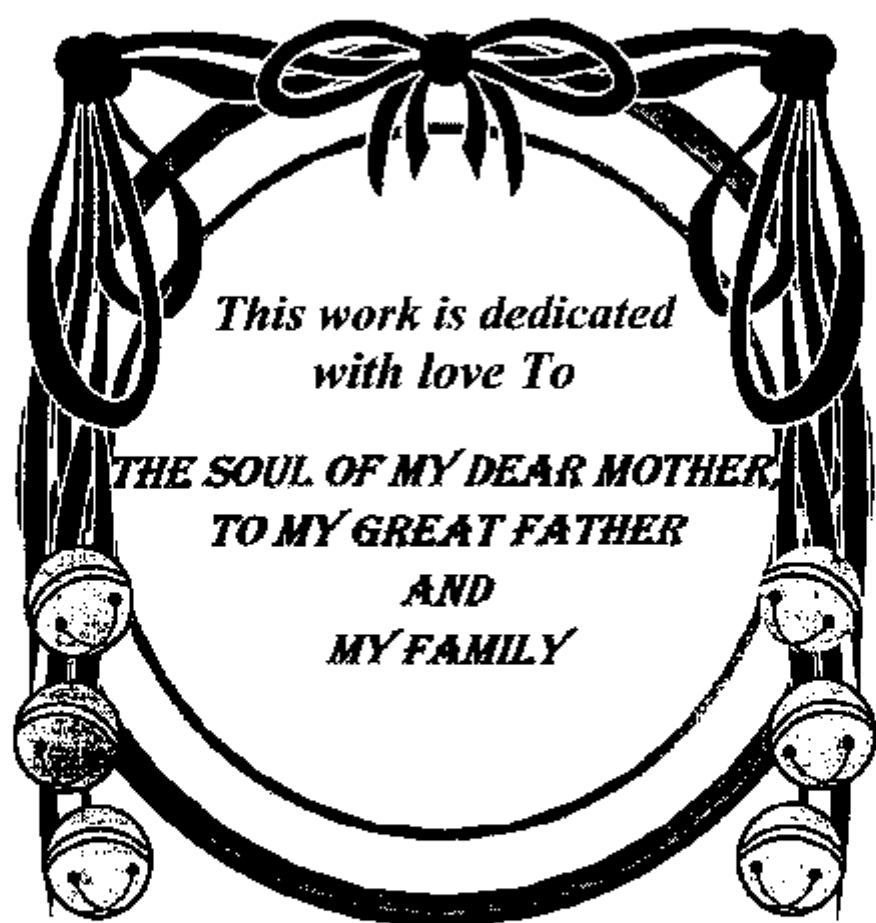
إِنَّا أَرْسَلْنَا إِلَيْنَا رَسُولًا
وَمَا تَوْفِيقِي إِلَّا بِاللَّهِ
عَلَيْهِ تَوَكَّلْتُ وَإِلَيْهِ أُنِيبُ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

منورة هود - الآية (٨٨)







*This work is dedicated
with love To*

**THE SOUL OF MY DEAR MOTHER,
TO MY GREAT FATHER
AND
MY FAMILY**



ACKNOWLEDGEMENT

Praise be to ALLAH

I would like to express my sincere gratitude and respect to Prof. Dr. *Ibrahim Samaha* and Prof. Dr. *Hamdy EL kabarity*, heads of department of the Obstetrics and Gynecology , Faculty of Medicine, Ain Shams university for their kind help and advice .

I would like also to express my sincere gratitude and respect to Dr. *Tarek Shaaban* assistant professor of Obstetrics and Gynecology, Faculty of Medicine, Ain Shams university for his master teaching , valuable advice, honest assistance wise guidance, kind supervision.

I am particularly indebted to Dr. *Mohammed Hassan Nasr EL-Dein* assistant professor of Obstetrics and Gynecology, Faculty of Medicine, Ain Shams university for his meticulous supervision fruitful suggestions, continuous encouragement and unlimited help throughout the whole work.

I would like to appreciate my colleagues in Obstetrics and Gynecology department Ain Shams university for their help effort and support.

GOD blesses them all.

CONTENTS

	<i>Page</i>
1- Introduction & Aim of the work	1 : 3
2- Review of Literature	4 : 88
• Physiological changes in cardiovascular system during pregnancy.	4 : 26
• Blood transfusion	27 : 57
• Autologous blood transfusion	58 : 88
3- Patient and Method	89 : 97
4- Results	98 : 118
5- Discussion	119 : 131
6- Summary and conclusion	132 : 139
7- References	140 : 175
8- Arabic summery	
