

LAPAROSCOPIC SPERM RETREIVAL COMPAIRED WITH THE POST COITAL TEST

THESIS

Submitted in Partial Fulfillment of the requirements of The Master Degree in OBSTETRICS AND GYNAECOLOGY



Presented by

Mona Mostafa Badr

M.B., B.Ch. (Cairo University)

Under Supervision Of:

PROF. DR. KHALED MOHAMED AL-MAAMOUN EL-HOUDIBY

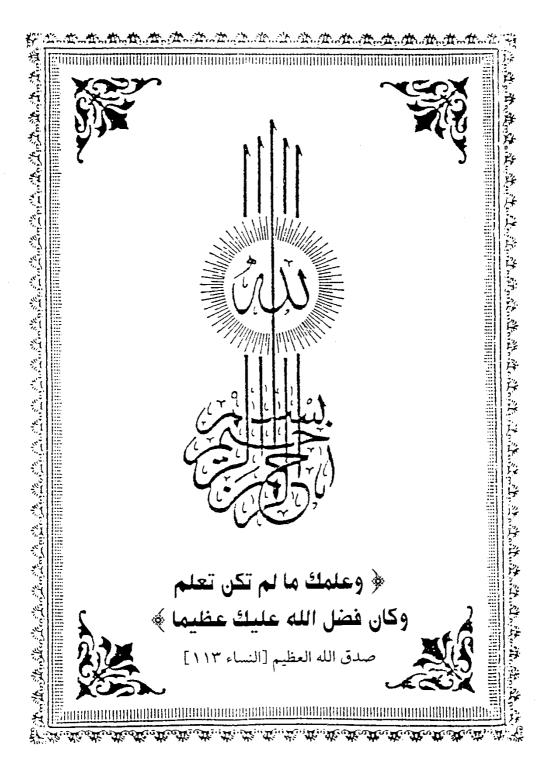
Professor of Obstetrics and Gynaecology Faculty of Medicine - Ain Shams University

ASSIST. PROF. ESSAM MOHAMED KHATER

Assist. Professor of Obstetrics and Gynaecology Faculty of Medicine - Ain Shams University

DR. ALAA EL-DIN HAMED KLIFEKY Lecturer of Obstetrics and Gyhaecology Faculty of Medicine - Ain Shams University

> FACULTY OF MEDICINE AIN SHAMS UNIVERSITY CAIRO'1997





Acknowledgment

I wish to express my deepest thanks, gratitude and appreciation to Professor Dr. Khaled Mohamed Al-Maamoun El-Houdiby, Professor of Obestetrics and Gynaecology, Faculty of Medicine, Ain Shams University, it is a real pleasure to acknowledge his sincere encouragement and valuable guidance. I would also thank him for his honest help, constant advice, keen interest and guidance throughout the performance of this work.

I would also like to express my deepest thanks to Assist. Professor Dr. Essam Mohamed Khater, Assistant Professor of Obestetrics and Gynaecology, Faculty of Medicine, Ain Shams University, for allowing me to achieve this work under his supervision and guidance in the endoscopy

unit.

Special thanks go to **Dr. Alaa El-Din Hamed El-Feky,** Lelcturer in Obestetrics
and Gynaecology, Faculty of Medicine, Ain
Shams University, for his helpful
suggestions, unending patience and
invaluable assistance.

Mona Mostafa Badr

INDEX

Part	Contents	Page
I	Introduction and Aim of the work	1
11	Review of Literature:	
	Postcoital test	4
	Laparoscopic sperm recovery	32
Ш	Patients and Methods	34
IV	Results	40
V	Discussion	48
VI	Summary and Conclusion	51'
VII	References	52
V	Arabic summary	

LIST OF TABLES

No.	Title	Page
1	Moghissi's cervical scoring system	22
2	Insler's cervical scoring system	23
3	P.C.T. in relation to CMS	43
4	LSR in relation to CMS	44
5	LSR in relation to results of P.C.T.	44

LIST OF FIGURES

No.	Title	Page
1	Post coital test (1)	11
2	Post coital test (2)	11
3	Post coital test (3)	12
4	Major areas of investigaton in cases of infertility	13
5	Graph (1), age distribution of studied cases	41
6	Graph (2), Number and percentage of primary and secondary infertility in the studied cases	42
7	Graph (3), Relatioin between P.C.T. and C.M.S	45
8	Graph (4), Relation between LSR and CMS	46
9	Graph (5), Relation between LSR and P.C.T	47

LIST OF ABBREVIATIONS

AFS American Fertility Society

BBT Basal body temperature

CM Cervical mucus

CMS Cervical mucus score

HPF High power field

HSG Hystro salingography

LH Leutinzing hormone

LSR Laparoscopic sperm retreival

P.C.T. Post coital test

WHO World Health Organization



INTRODUCTION AND AIM OF THE WORK

