

7/10/96

INCIDENCE OF CERVICAL CHLAMYDIAL INFECTION IN RECENTLY MARRIED WOMEN

6/8/96

Thesis

Submitted for the Partial Fulfillment of
Master Degree
In
Obstetrics & Gynecology

By
Osama Omar Mohamed

M.B., B.Ch. (1992)
Resident of Obstetrics & Gynecology
Military Medical Academy

Supervised By

Prof. Dr. Mahmoud Aly Ahmed El-Shourbagy

Professor of Obstetrics & Gynecology
Faculty of Medicine
Ain Shams University

Assist. Prof. Dr. Magda Mohamed Abd El-Salam

Assistant Professor of Pathology
Faculty of Medicine
Ain Shams University

Dr. Tarek Mohamed Shaaban

Lecturer of Obstetrics & Gynecology
Faculty of Medicine
Ain Shams University

Faculty of Medicine - Ain Shams University

1996





﴿اقرأ وربك الأكرم * الذي علم بالقلم *

علم الإنسان ما لم يعلم﴾

صدق الله العظيم [العلق ٣ : ٥]



ACKNOWLEDGMENTS

Thanks and gratefulness will not be enough to express my great indebtedness to **Professor Dr. Mahmoud El-Shourbagy**, Professor of Obstetrics and Gynecology, Faculty of Medicine, Ain Shams University, for his valuable guidance, instructive supervision, sincere suggestions, and unlimited effort and time he freely gave to me during the course of this study.

I am deeply grateful to **Professor Dr. Magda Abd-El-Salam**, Assistant Professor of Pathology, Faculty of Medicine, Ain Shams University, for her great patience, fruitful aids, valuable suggestions and technical advices, which helped me to complete this thesis.

I wish also to convey my deep appreciation to **Dr. Tarek Shaaban**, Lecturer of Obstetrics and Gynecology, Faculty of Medicine, Ain Shams University for his generous help, precious advices and encouragement.

Also, my thanks and appreciation to everyone who gave me an unfailing support and assistance at this time.

Contents

• Introduction	1
• Aim of the Work	3
• Review of Literature	4
- History	4
- Microbiology	8
- Incidence of Chlamydial infection	24
- Clinical manifestations of C.trachomatis infection.....	27
- Laboratory diagnosis of Chlamydia trachomatis.	38
- Treatment	45
• Subjects and Methods	48
• Results	55
• Discussion	75
• Summary and Conclusion	80
• References	82
• Appendix.	
• Arabic Summary .	

List of Figures

Fig. No.	Title	
(1):	A positive direct specimen slide for Chlamydia trachomatis.....	53
(2):	Relation between the age of the wives and the frequency of cervical Chlamydial infection.....	60
(3):	Relation between the age of the husbands and the frequency of cervical Chlamydial infection.....	61
(4):	Relation between the duration of marriage and the frequency of cervical Chlamydial infection.....	62
(5):	Relation between the frequency of vaginal discharge and cervical Chlamydial infection.....	63
(6):	The frequency of pelvic pain among patients with positive and negative cervical Chlamydial infection.....	64
(7):	The frequency of superficial dyspareunia among patients with positive and negative cervical Chlamydial infection.....	65
(8):	The frequency of deep dyspareunia among patients with positive and negative cervical Chlamydial infection.	66
(9):	The frequency of urinary symptoms among patients with positive and negative cervical Chlamydial infection	67

(10):	The frequency of intermenstrual bleeding among patients with positive and negative cervical Chlamydial infection.....	68
(11):	The frequency of abortion among patients with positive and negative cervical Chlamydial infection.....	69
(12):	The frequency of patients showing mucopurulent endocervical discharge on examination among patients with positive and negative cervical Chlamydial infection.....	70
(13):	The frequency of ectopy among patients with positive and negative cervical Chlamydial infection.....	71
(14):	The frequency of concomitant cervical ectopy and mucopurulent endocervical discharge among patients with positive and negative cervical Chlamydial infection.....	72
(15):	The frequency of tender cervical motion on examination among patients with positive and negative cervical Chlamydial infection.....	73
(16):	The frequency of cervical condyloma among patients with positive and negative cervical Chlamydial infection.	74

List of Tables

Tab. No.	Title	
1	The association between Chlamydial species, serotypes and the diseases they produce.....	8
2	Clinical data of 100 recently married patients included in the study for detection of cervical Chlamydial infection.....	49
3	Relation between age of the wives and the frequency of cervical Chlamydial infection.....	60
4	Relation between the age of the husband to the frequency of cervical Chlamydial infection.....	61
5	Relation between the duration of marriage and the frequency of cervical Chlamydial infection.....	62
6	Relation between the frequency of vaginal discharge and cervical Chlamydial infection.....	63
7	The frequency of pelvic pain among patients with positive and negative cervical Chlamydial infection.....	64
8	The Frequency of superficial dyspareunia among patients with positive and negative cervical Chlamydial infection.....	65
9	The frequency of deep dyspareunia among patients with positive and negative cervical Chlamydial infection	66

(10):	The frequency of urinary symptoms among patients with positive and negative cervical Chlamydial infection.	67
(11):	The frequency of intermenstrual bleeding among patients with positive and negative cervical Chlamydial infection.....	68
(12):	The frequency of abortion among patients with positive and negative cervical Chlamydial infection.....	69
(13):	The frequency of patients showing mucopurulent endocervical discharge on examination among patients with positive and negative cervical Chlamydial infection.....	70
(14):	The frequency of ectopy among patients with positive and negative cervical Chlamydial infection.....	71
(15):	The frequency of concomitant cervical ectopy and mucopurulent endocervical discharge among patients with positive and negative cervical Chlamydial infection.....	72
(16):	The frequency of tender cervical motion on examination among patients with positive and negative cervical Chlamydial infection.....	73
(17):	The frequency of cervical condyloma among patients with positive and negative cervical Chlamydial infection.	74

INTRODUCTION

