

CONTENTS

	Page
▪ INTRODUCTION	1
▪ AIM OF THE WORK	3
▪ REVIEW OF LITERATURE	4-55
• Human papillomaviruses	4-25
- Definition and classification	4
- Structure of the HPV genome	9
- Life cycle of HPV	10
- Methods of HPV detection	13
- Host immune response	15
- Innate immunity	16
- Adaptive cell-mediated immunity	18
- Evasion of cell-mediated immunity by HPV	21
- Immune modulation by HPV	23
- HPV vaccine development	24
• Warts	26-62
- Epidemiology	26
- Clinical features	28
- Histopathology of warts	32
- Differential diagnosis	35
- Bleomycin	37
- Treatment of warts	44
▪ PATIENTS AND METHODS	63
▪ RESULTS	77
▪ DISCUSSION	114
▪ SUMMARY AND CONCLUSION	125
▪ RECOMMENDATIONS	131
▪ MASTER SHEET	132
▪ REFERENCES	149
▪ ARABIC SUMMARY	