

Contents

Subject	No page
List of tables	i
List of Figures	iii
List of Abbreviations	vi
Introduction	1
Aim of work	3
Literature review	4
Materials and Methods	37
ophtholmolocial examination	37
A- Isolation of pathogenic bacteria & Fungi	37
Laboratory diagnosis	37
The media used for isolation	38
B- Identification of isolated bacteria and Fungi	39
Media used in isolation, purification and assay media	39
C- Identification of yeast	40
1- Morphological characteristics	40
2- Physiological and biochemical characteristics	41
Preparation of Ethanolic Extract of Propolis	52
Preparation of bee venom	52
Antibacterial activity	52
Measurements of the Minimal Inhibitory Concentration	52
Statcal analysis	53
Results	54
Distribution of total conjunctivitis patients according to age and sex.	55
Frequencies of bacterial conjunctivitis according to age and sex	56
Distribution of fungal infection among isolates	57
Distribution of mixed culture	58
Identification of isolated Microorganisms	60
Identification of bacterial isolates	61

Identification of yeast isolates	73
Identification of fungal isolates	75
Percentage of incidence of bacterial isolates	80
Distribution of total bacterial conjunctivitis patients in different patients groups with percentage	81
Percentage of incidence of fungal isolates	86
Fungal species isolated from 9 children suffering from conjunctivitis	87
Fungal species isolated from 7 adolescents suffering from conjunctivitis	88
Fungal species isolated from 32 adults suffering from conjunctivitis	90
Distribution according to the season throughout the year (bacteria)	91
Distribution according to the season throughout the year (fungi)	95
Screening of antibacterial activity of ethanolic extracts of propolis and be venom	97
The minimum inhibitory concentration (MIC) of ethanolic extracts of propolis and bee venom	98
Discussion and Conclusions	102
Summary	113
References	118
Arabic Summary	١
