LIST OF CONTENTS

Subjects	Page
List of tables	
List of figures	
List of photos	
List of Abbreviations	
Introduction	1
Aim of the work	3
Review of Literature	4
Materials and Methods	29
1- Media	29
2- Media for isolation and cultivation	29
3- Media for identification	30
4- Media for sensitivity tests	34
5- Reagent used for identification process of bacteria	35
6- Methods	38
7- Samples	38
8- Identification of organisms caused bed sores	38
9- Antibiotic sensitivity test	47
10- Disc diffusion method	47
11- Determination of MICs and MBCs of different antibiotics against selected isolates	49
12- Antibacterial activities of medicinal plant extracts	51
13- Preparation of medicinal plant extracts	51
14- Antibacterial activities of combination between medicinal plant extracts and MICs of antibiotics	53
15- Antibacterial effect of essential oils	54
16- Antibacterial activities of disinfectants and antiseptics	56
17- Antibacterial activities of honey and proplise	56
18- Statistical analysis of the obtained results	57

Results	58
1- Collection and isolation of pressure sores bacteria	58
2- Identification of bacterial isolates	62
3- The distribution of pathogenic isolates from pressure ulcer samples	69
4- Susceptibility of different antibiotics drugs against pathogenic isolates	72
5- Sensitivity test of pathogenic isolates against tested antibiotics	75
6- Statistical analysis of sensitive, intermediate and resistant pathogenic	78
bacterial isolates against different antibiotics	
7- Minimum inhibitory concentration (MIC) and minimum bactericidal	82
concentration (MBC) of selected antibiotics	
8- Antagonistic effect of different plant extracts	88
9- Antagonistic effect of alcoholic extracts	88
10- Antagonistic effect of boiling water extracts	89
11- Antagonistic effect of cold water extracts	89
12- The effect of combination between different medicinal plants extracts	97
and MICs of some antibiotics on clinical bacterial isolates	
13- The effect of different volatile oils against different bacterial isolates	103
14- The effect of disinfectant on tested bacterial isolates	107
15- Antibacterial activities of honey bees against bacterial isolates from bed	111
sores patients	
16- Antibacterial activities of alcoholic extracts of propolise against bacterial	115
isolates from bed sores patient	
Discussion	119
Summary	128
References	130
Arabic summary	