

Table of Contents

1- Committee Decision	i
2- Dedication	ii
3- Acknowledgment	iii
4- Table of Contents	iv
5- List of Tables	vi
6- List of Figures	vii
7- English Abstract	viii
8- Arabic Abstract	

<u>CHAPTER</u>	<u>PAGE</u>
I- INTRODUCTION	1
1.1 Introduction	1
1.2 Significance of the study	3
1.3 Objectives	3
1.4 Characteristics of <i>Cryptosporidium</i>	4
1.5 <i>Cryptosporidium</i> Taxonomy	5
1.6 Life Cycle	7
1.7 Mode of Transmission	9
1.8 Diagnosis	10
1.9 Clinical Features	12
1.10 Epidemiological Aspects of <i>Cryptosporidium</i>	12
1.11 <i>Cryptosporidium</i> Outbreaks	14
1.12 Pathogenesis and Immunologic Features	16
1.13 Cryptosporidiosis in Palestine	19
1.14 Prevention	20
1.15 Treatment	20
II- Material and Methods	22
2.1 Study Design	22
2.2 Study Population	22
2.3 Sample Collection and Processing	24
2.3.1 Formalin Fixation	24
2.3.2 Formalin-Ethyl Acetate Sedimentation Technique	24
2.3.3 Modified Acid Fast Staining	25
2.4 Statistical Analysis	26

Table of Contents (continued)

<u>CHAPTER</u>	<u>PAGE</u>
III- RESULTS	26
3.1 Prevalence of <i>Cryptosporidium</i> in the seven assayed districts	29
3.2 Prevalence of <i>Cryptosporidium</i> in the seven districts by region	30
3.3 Prevalence of <i>Cryptosporidium</i> in the seven districts by gender	31
3.4 Prevalence of <i>Cryptosporidium</i> in the seven districts by age categories	31
3.5 Prevalence of <i>Cryptosporidium</i> in each district by city	32
3.6 Prevalence of <i>Cryptosporidium</i> in each district by camps	33
3.7 Prevalence of <i>Cryptosporidium</i> in each district by villages	34
3.8 Prevalence of <i>Cryptosporidium</i> in the control group	35
IV- DISCUSSION	37
4.1 Prevalence rate of <i>Cryptosporidium</i> in the West Bank	38
4.2 The prevalence rate of <i>Cryptosporidium</i> in different districts	38
4.3 The Prevalence rate of <i>Cryptosporidium</i> in different regions	41
4.4 The Prevalence rate of <i>Cryptosporidium</i> in males and females	41
4.5 Prevalence rate of <i>Cryptosporidium</i> by age categories of children	41
• RCOMMENDATIONS	42
• REFERENCES	43