

TABLE OF CONTENTS

Table of contents	v
List of figures	vii
List of tables	viii
Abstract	ix
CHAPTER I INTRODUCTION	
A. Background	1
B. Problem formulation	5
C. Objective of research	7
D. Benefit of research	8
CHAPTER II LITERATURE REVIEW	
A. Definition and classification of diarrhoea	9
B. Clinical manifestation of diarrhoea	10
C. Pathogens of diarrhoea	11
D. Taxonomy and classification of intestinal protozoa	14
E. Transmission and life cycle	15
F. Pathogenic intestinal protozoa	16
G. Non-pathogenic intestinal protozoa	24
CHAPTER III METHODOLOGY	
A. Study design	26
B. Material and methodology	26
C. Population and sample	27

D. Variables	27
E. Results analysis	28
CHAPTER IV ANALYSIS AND DISCUSSION	
A. Results analysis	29
B. Discussion	42
CHAPTER V CONCLUSION AND SUGGESTION	
A. Conclusion	51
B. Suggestion	52
Bibliography	54
Attachment 1 - Ethical clearance	57

LIST OF FIGURES

Figure 1 :	
Fecal-oral life cycle of intestinal protozoa.	15
Figure 2 :	
Cases collected from Medical Record Department of RSUP Dr Sardjito.	29
Figure 3 :	
Diagnosis of cases with diarrhoea as secondary complaint.	30
Figure 4 :	
Diagnosis of cases with diarrhoea as chief complaint.	32
Figure 5 :	
Causative agents of diarrhoea which was recorded as chief complaint.	34
Figure 6 :	
Distribution of age.	37
Figure 7 :	
Distribution of gender.	38
Figure 8 :	
Distribution of residential region.	39
Figure 9 :	
Distribution of referral status.	40
Figure 10 :	
Distribution of parent's education status.	42

LIST OF TABLES

Table 1 :

Causative agents of diarrhoea.	14
--------------------------------	----

Table 2 :

Association of gastrointestinal protozoa infection with diarrhoea.	15
---	----

Table 3 :

Patients characteristics of <i>E. Hystolitica</i> .	36
---	----

Table 4 :

Statistical analysis of gender	42
--------------------------------	----