## TABLE OF CONTENTS

		Page
Acknowled	lgements	iii
Abstract in	n English	V
Abstract in	n Thai	vii
List of Tab	bles	xii
List of Fig	ures	xiv
Chapter 1	Introduction	1
	Background and Significance of the Research Problem	1
	Research Objectives	7
	Research Hypotheses	7
	Definition of Terms	8
Chapter 2	Literature Review	10
	Overview of Overweight in Children	11
	Factors Related to Overweight in Children	15
	Individual-Based Intervention Program	24
	Theoretical Framework	29
Chapter 3	Methodology	33
	Research Design	33
	Population and Sample	34
	Instrumens	38

# **TABLE OF CONTENTS (continued)**

			Page
Pr	otection o	of Human Subject	46
Da	ata Collec	tion Procedures	46
Da	ata Analy	sis	58
Chapter 4 Resul	ts and Di	scussion	59
Re	esuls		60
	Part I:	Demographic Characteristics of the Sample	60
	Part II:	Comparison of Intention to Perform Eating Behavior	
		for Weight Control, Eating Behavior, and Nutritional	
		Status Before Entering the Intervention, and After	
		Entering the Intervention in the Experimental Group	63
	Part III:	Comparison of Intention to Perform Eating Behavior	
		for Weight Control, Eating Behavior, and Nutritional	
		Status Before Entering the Intervention, and After	
		Entering the Intervention Among the Experimental	
		Group and the Control Group	69
Di	iscussion		76

# **TABLE OF CONTENTS (continued)**

	Page
Chapter 5 Conclusion	84
Conclusions of the Study	84
Implications of the Findings	86
Limitations of the Study	87
Recommendation for Further Study	88
References	89
Appendices	102
Appendix A Ethical Approval Document	103
Appendix B Informed Consent Form	104
Appendix C List of Experts	112
Appendix D Additional Analyses	113
Curriculum Vitae	129

## LIST OF TABLES

Table		Page
3-1	An Individual-Based Intervention Plan	50
3-2	An Individual-Based Intervention Schedule and Content	51
4-1	Demographic Characteristic of the Experimental and Control Group	61
4-2	Comparison of Mean Score of Intention to Perform Eating Behavior for	
	Weight Control at the Baseline, Six Weeks After the Baseline, and	
	Eighteen Weeks After the Baseline in the Experimental Group	65
4-3	Multiple Comparison of Mean Difference of Intention to Perform Eating	
	Behavior for Weight Control at The Baseline, Six Weeks After the	
	Baseline, and Eighteen Weeks After the Baseline in the Experimental	
	Group	65
4-4	Comparison of Mean Score of Eating Behavior for Weight Control	
	at the Baseline, Six Weeks After the Baseline, and Eighteen Weeks	
	After the Baseline in the Experimental Group	66
4-5	Multiple Comparison of Mean Difference of Eating Behavior for	
	Weight Control at the Baseline, Six Weeks After the Baseline, and	
	Eighteen Weeks After the Baseline in the Experimental Group	67
4-6	Comparison of Mean Score of BMI for Age (Z-score) at the Baseline,	
	Six Weeks After the Baseline, and Eighteen Weeks After the Baseline	
	in the Experimental Group	68

# LIST OF TABLES (continued)

Table		Page
4-7	Multiple Comparison of Mean Difference of BMI for Age (Z-score) at	
	the Baseline, Six Weeks After the Baseline, and Eighteen Weeks After	
	the Baseline in the Experimental Group	68
4-8	Comparison of Mean Score of Intention to Perform Eating Behavior	
	For Weight Control at the Baseline, Six Weeks After the Baseline,	
	and Eighteen Weeks After the Baseline Among the Experimental	
	Group and the Control Group	70
4-9	Comparison of Mean Score of Eating Behavior for Weight Control at	
	the Baseline, Six Weeks After the Baseline, and Eighteen Weeks After	
	the Baseline Among the Experimental Group and the Control Group	73
4-10	Comparison of Mean Score of BMI for Age at the Baseline, Six	
	Weeks After the Baseline, and Eighteen Weeks After the Baseline	
	Among the Experimental Group and the Control Group	75

## LIST OF FIGURES

Figure		Page
2-1	The conceptual model of an intervention on Intention to Perform	
	Eating Behavior for Weight Control, Eating Behavior, and Nutritional	
	Status Among Overweight Children	32
3-1	Research design	33
3-2	Simple random sampling process	37
3-3	Study procedure flow chart	57
4-1	The line graph of mean score of intention to perform eating	
	behavior for weight control	71
4-2	Line graph of mean score of eating behavior for weight control	73
4-3	The line graph of mean score of BMI for age (Z-score)	75