### **CONTENTS**

Page
(3)
(5)
(7)
(11)
(14)
1
1
5
6
6
9
9
10
11
12
13
14

## CONTENTS (Continued)

	Page
Needs of Families who have Members Admitted to Critical Care	1 age
Units, Dimensions and Measurement of Family Needs	17
1. Needs of families who have members admitted to critical	
care units	17
2. Dimensions of family needs	20
3. Measurement of family needs	26
Nurses' Perceptions of Needs of Families who have Members	
Admitted to Critical Care Units	27
The Factors that Influence Families' and Nurses' Perceptions of	
Needs of Families who have Members admitted to Critical Care	
Units	31
1. The factors that influence families' perceptions of needs of	
families who have members admitted to critical care units	31
2. The factors that influence nurses' perceptions of needs of	
families who have members admitted to critical care units	36
3. The factors that influence both families' and nurses'	
perceptions of needs of families who have members admitted	
to critical care units	38
Intensive Care Unit (ICU) and Coronary Care Unit (CCU) in	
Central Java, Indonesia	40

### CONTENTS (Continued)

3. Research Methodology	Page 43
Research Design	43
Population and Setting	43
Sample	45
Instrument	47
Protection of Human Subjects.	53
Data Collection Procedures	54
Data Analysis	56
4. Results and Discussion	59
Subject Characteristics	59
Level of Families' Perceptions on Family Needs	64
Level of Nurses' Perceptions on Family Needs	75
Differences in Family Needs' Perceptions between Family Members	
and Nurses	84
Discussion	87
5. Summary and Recommendation.	111
Summary of Study Findings	111
Strengths and Limitations	112
Implications and Recommendations	113
References	116

### CONTENTS (Continued)

Appendices	Page 129
Appendix A: Table	130
Appendix B: Informed Concern.	134
Appendix C: Family Needs Questionnaire (Form 1. Questionnaires for	
Family Members of Critically Ill Patients)	135
Appendix D: Family Needs Questionnaire (Form 2. Questionnaires for	
Nurses)	142
Appendix E: Interview Guide	148
Appendix F: Detail of Focus Group Discussion Results	149
Vitae	156

#### LIST OF TABLES

Tables		Page
4-1	Number of family members, and nurses in ICU and CCU of the five	
	hospitals	60
4-2	Frequency and percentage of family members demographic	
	characteristics.	61
4-3	Frequency and percentage of patients' demographic characteristics	62
4-4	Frequency and percentage of critical care nurses' demographic	
	characteristics	64
4-5	Minimal, maximal score, mean, standard deviation, skewness and	
	kurtosis of family needs perceived by family members	65
4-6	Frequency, and percentage of levels of family needs perceived by	
	family members	66
4-7	Means, standard deviations and levels of each subscale of family	
	needs perceived by family members	66
4-8	Means, standard deviations, and levels of the top three and the lowest	
	three items of family needs perceived by family members	66
4-9	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for support perceived by family members	67
4-10	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for comfort perceived by family members	68

# LIST OF TABLES (Continued)

Tables		Page
4-11	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for information perceived by family	
	members	69
4-12	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for proximity perceived by family	
	members	70
4-13	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for assurance perceived by family members	71
4-14	Mean, standard deviation, F-test, and t-test result of the demographic	
	variables and total mean score of family needs perceived by family	
	members	73
4-15	Minimum, maximum, mean, standard deviation, skewness, and	
	kurtosis of levels of family needs perceived by nurses	76
4-16	Frequency, and percentage of level of family needs perceived by	
	nurses	76
4-17	Means, standard deviations and levels of each subscale of family	
	needs perceived by nurses	77
4-18	Means, standard deviations, and levels of the three top items and the	
	three lowest items of family needs questionnaire perceived by nurses	77

# LIST OF TABLES (Continued)

Tables 4-19	Means, standard deviations, and levels of the three highest and the	Page
	three lowest family needs for support perceived by nurses	78
4-20	Means, standard deviations, and levels of the three highest and the	, 0
	three lowest family needs for comfort perceived by nurses	<b>7</b> 9
4-21	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for information perceived by nurses	80
4-22	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for proximity perceived by nurses	81
4-23	Means, standard deviations, and levels of the three highest and the	
	three lowest family needs for assurance perceived by nurses	82
4-24	Mean, standard deviation, F-test, and t-test result of the demographic	
	variables and total mean score of family needs perceived by nurses	83
4-25	Comparison of the total mean scored between family members' and	
	nurses' perceptions of family needs by t-test	84
4-26	Means, standard deviations, and p value of family needs' perceptions	
	between family members and nurses	86
4-27	The three highest differences of mean scores in each subscales of	
	family needs perceived by family members and nurses	87

#### LIST OF FIGURE

Figure		Page
1	Theoretical framework to study differences between family	9
	members' and nurses' perceptions regarding needs of families	
	who have members admitted to critical care units	