



Original Article

# A Study of Relationship Knowledge, Depression and Quality of Life of Mothers with Hemophilic Children

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## Abstract

**Purpose:** This study was conducted to survey knowledge, depression, and quality of life of mothers with hemophilic children, and to provide basic data for a health promoting intervention improving their quality of life. **Method:** The subjects of this study were 140 mothers of hemophilic children by convenience sampling. The collected data were processed using SPSS program and analyzed using descriptive statistics, and Pearson correlation. **Result:** The knowledge of mothers with hemophilic children was 2.8 points out of 4 points. The depression of the subjects was 2.1 points out of 4 points. The quality of life of the subjects was 3.2 points out of 5 points. Results also showed a positive relationship between quality of life and knowledge ( $r=.45$ ,  $p<.001$ ) and a negatives relationship between quality of life and depression ( $r=-.41$ ,  $p<.001$ ). **Conclusion:** Knowledge and depression affect quality of life of mothers with hemophilic children. Therefore, it is necessary to

develop a nursing intervention with these variables to increase the quality of life for mothers with hemophilic children.

Key words : Hemophilia, Knowledge, Depression, Quality of life

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,  
2000

(Kang, Kim, & Song, 2004).

: 2006. 3. 27 1 : 2006. 4. 20 2 : 2006. 5. 29 3 : 2006. 5. 5 : 2006. 6. 9

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(Kim & Lee, 2000).

(Kim, 2001).

가

(Kim, Kang, & Lee, 2004; Negrin, 1999).

가

가

가

Lee(1988)

가

Kang, Kim

Lee(2005)가

2.

1)

2)

가

가

(Beck, 1974).

, 가

Zung(1965)

가 가

(Self-Rating Depression

(Lee,

Scale; SDS)

Yang(1982)

1997).

3)

(Han, 1994),

(Baeg, 1990; Lee,

1985; Lee, 1988),

(Kim,

1988),

(Cho, 1991)

(Ro, 1988),

가

(Brandt &

Ro(1988)가

Maryary, 1993; Clubb, 1991; Voepel, Andrea, & Magee, 1992)

가

(Negrin, 1999)

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가

1.

18 가  
 , 2004 6 2004 10  
 . 156  
 가 16 140 가

3.

1)

Kang, Kim Lee(2005)가

17 4 , 17 68 가 ,  
 가 가  
 Cronbach's  $\alpha$  .85

2)

Zung Self-Rating Depression Scale Yang(1982)  
 . 20 4 , 20  
 80 가 , 가 가  
 Kim(1998)  
 Cronbach's  $\alpha$  .82  
 Cronbach's  $\alpha$  .90

3)

Ro(1988)  
 9 , 11 , 8 ,  
 9 , 4 가 6 6  
 47  
 5 , 47 235 가 ,  
 가 가  
 Cronbach's  $\alpha$  .94  
 Cronbach's  $\alpha$  .93

4.

SPSS/WIN 12.0

•  
 •  
 •  
 Pearson  
 correlation coefficient

1.

36.7  
 36~40 가 37.9% 가 8.3  
 6~10 가 40.0% 가 65.0%  
 , 59.3%, 가 68.6%  
 가 <Table 1>.

<Table 1> General characteristics (N=140)

Characteristics	Category	f(%)
Age (years)	23~30	9( 6.4)
	31~35	47(33.6)
	36~40	53(37.9)
	41~47	31(22.1)
Age of children (years)	1~5	38(27.1)
	6~10	56(40.0)
	11~17	46(32.9)
Religion	Yes	91(65.0)
	No	49(35.0)
Education	Middle school	7( 5.0)
	High school	83(59.3)
	≥College	50(35.7)
Occupation	None	96(68.6)
	A hired job	20(14.3)
	Self-supporting business	24(17.1)

2.

24 68  
 47.9 , 4  
 2.8  
 21 58 42.6  
 , 4 2.1

<Table 2>.

<Table 2> The level of knowledge, depression in subjects (N=140)

	Mean $\pm$ SD	Mean	Range	
			Min	Max
Knowledge	47.9 $\pm$ 10.4	2.8	24	68
Depression	42.6 $\pm$ 10.5	2.1	21	58

3.

47  
 189 149.3 , 5

<Table 3> The level of quality of life in subjects

(N=140)

	Mean ± SD	Mean	Range	
			Min	Max
Quality of Life	149.3±17.8	3.2	47	189
- Emotional state	25.8± 6.3	2.9	9	41
- Economic life	33.9± 7.0	3.1	14	53
- Self-esteem	26.5± 5.2	3.3	10	40
- Physical state and function	29.3± 3.6	3.2	9	43
- Relationship with neighbors	13.9± 2.4	3.5	8	20
- Family relationship	20.1± 5.3	3.4	8	30

3.2  
가 5 가 3.5 , (3.2 ) ,  
(3.4 ) , (3.3 ) , (3.1 ) 가  
(2.9 ) <Table 3>. 40 가 37.9% 가 , 36.7 36~  
6~10 가 40.0% 가 8.3  
4. Kim Lee(2000) 15  
39.1% , 5~9 가  
15.9% 가 ,  
<Table 4> 가 80  
가 가 47.9 (4 2.8 )  
가 (p<.001),  
가 가 가  
가 (p<.001). (2004)  
가 (62.4%)  
(47.0%) 가

<Table 4> Correlation among knowledge, depression and quality of life

Variable	Depression	Quality of life
	r(p)	r(p)
Knowledge	.151	.450*
Depression		-.414*

\* p<.001

4 2.1  
Negrin (1999)  
, Miners (1999)  
가  
가 Yang(2000)  
, Kim  
(1997)  
, Kim Choi(1995)  
가  
가



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