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(Kim et al, 1993).
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 (Blank, Clark, Longman & Atwood, 1989).
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MMFF	FAD	가	가 ,	,	
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<Table 1> Review of family functioning instruments

Instruments	Sub concepts
McMaster Family Assessment Device(FAD)	Problem solving; Communication; Roles;
(Epstein, Baldwin, & Bishop, 1981; 1983)	Affective responsiveness; Affective involvement; Behavioral control
Family adaptability & Cohesion(FACE III) (Olson, 1986)	Adaptability; Cohesion; Communication
Family Assessment Measure(FAM) (Steinhauer, Santa-Barbara, Skinner, 1982)	Task accomplishment; Communication; Role performance; Affective expression; Affective involvement; Family management; Values & Norm
FAPGAR (Smilkstein, 1978)	Adaptability, Partnership, Growth; Affection; Resolve
Family Environment Scale (FES) (Moos, 1974)	Relationship; Personal growth; Structural maintenance
The Family functioning Index(FFI) (Pless & Satterwhite, 1973)	Marital satisfaction; Frequency of disagreement; Happiness; Communication; Weekends together; Problem- solving
BTFES (Beavers et al, 1972)	Family structure; Autonomy; Affect; Perception of reality; Task efficiency
The Family Concept Assessment Method (FCAM) (Vander Veen, 1960; 1969)	Consideration/conflict; Family actualization; Open communication; Community sociability; Family ambition; Internal/external locus of control; Togetherness; Closeness
the Family Evaluation Form(FEF) (Emery, Weintraub, & Neale, 1980)	Conflict/tension; Emotional closeness; Community involvement; Children's adjustment; Mother/father relation; Financial aspects; Nurturable; Rules; Roles
Structured Family Interaction Scale(SFIS) (Perosa, 1980)	Primary Enmeshment/ disengagement/overprotection; Neglect/rigidity/flexibility/conflict/avoidance; Conflict expression without resolution; Parent management/triangulation; Parent child coalition/detouring
Simulated Family Activity Measure(SIMFAM) (Strauss & Tallman, 1971)	Power; Support; Communication; Problem solving ability; Creativity

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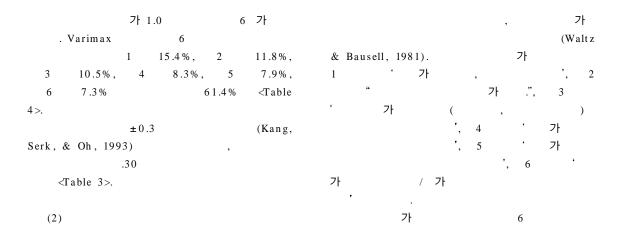
<Table 2> Corrected items of family functioning

Item	Item Content	corrected item	alpha if item
	rem content	total correlation	deleted
1	Our family members feel close to each other. (7).	.5111	.8488
2	There is a feeling of togetherness in our family (71, ").	.4925	.8492
3	We are to show our affection for each other(kissing, hugging) (7) .)	.4088	.8506
4	Our family is harmonious, peaceful. (7t).	.5814	.8465
5	Our family members understand each other (7).	.5916	.8455
6	Our family members trust each other. (7).	.5169	.8479
7	Our family members are self - centered. (가 .)	0866	.8687
8	Each family member's role is defined in our family. (가 .)	.3121	.8536
9	We are satisfied with the family duties assigned to us. (가 .)	.4490	.8497

<Table 2> Corrected items of family functioning(continued)

Item	Item Content	corrected item total correlation	
10	Our family members meet their family responsibilies.	.4661	.8493
11	Our family members like to spend a lot of time together. (7t .)	.4467	.8492
12	There is a rules, standards to follow in our family. (7 ,) .)	.3682	.8520
13	Our family members observe family rules. (7 7 7 , .)	.4727	.8488
14	Rules are flexible in our family. (, .)	.4765	.8490
15	When decied the important thing to the family, all family members can tell frankly, and their suggestions are followed. (フト フト)	.5256	.8472
16	Our family members follows family precepts. (가 가 .)	.5005	.8474
17	Our family members has an ability to resolve the problem by themselves. (가 가 가 .)	.3329	.8530
18	When needed, we receive a financial support from our relatives. (7\ / 7\ .)	.2275	.8577
19	When needed, we receive a financial support from our relatives in laws. (7 / 7).	.2448	.8569
20	When needed, we receive a financial support from our friends, neighbors. (7 , .)	.1462	.8592
2 1	We can say anything to our family members frankly. (7 !)	.4 154	.8503
22	Our family members resolve the problem together. (7 7) .)	.5068	.8484
23	When we meet some problems, we always ask a help to our relatives. (7 7 7 .)	.5374	.8456
24	When we meet some problems, we always ask a help to our friends, neighbors. (フト フト (,	.4732	.8482
25)가 .) Friends, relatives visit our home frequently. (フト .)	.4683	.8484
26	Our family members get along with other relatives.	.5257	.8471
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(principal component analysis)



<Table 3> Factor Analysis of family functioning items

		Factor						
Item	Item Content of Each Factor	Factor	Factor	Factor	Factor	Factor	Factor	
		1	2	3	4	5	6	
1	Our family members feel close to each other.	.726						
2	There is a feeling of togetherness in our family.	.793						
3	We are to show our affection for each other (kissing,	.588						
	hugging, etc)							
4	Our family is harmonious, peaceful.	.756						
5	Our family members understand each other	.7 15						
6	Our family members trust each other	.690						
11	Our family members like to spend a lot of time	.402						
	together.							
23	When we meet some problems, we always ask a help		.775					
	to our relatives.							
24	When we meet some problems, we always ask a help		.779					
	to our friends, neighbors.							
25	Friends, relatives visit our home frequently.		.794					
26	Our family members get along with other relatives.		.710					
12	There are rules, standards to follow in our family.			774				
13	Our family members observe family rules.			765				
14	Rules are flexible in our family.			658				
16	Our family members follow family precepts.			601				
8	Each family member's role is defined in our family.				.224			
9	We are satisfied with the family duties assigned to us.				.712			
10	Our family members meet their family responsibilities.				.783			
17	Our family has an ability to resolve the problem by				.386			
	themselves.							
15	When decied the important thing to the family, all					.579		
	family members can tell frankly, and their suggestions							
	are followed.							
2 1	We can say anything to our family members frankly.					.826		
22	Our family members resolve the problem together.					.662		
18	When needed, we receive a financial support from our						.816	
	relatives.							
19	When needed, we receive a financial support from our						.821	
	relatives in laws.							

<Table 4> Eigen Value & Percent of the total variance explained of family functioning factors

Factor	Eigen Value	Percent of the total variance explained	Cumulative Percent
Factor 1(Affective bonding)	3.708	15.448	15.448
Factor 2(External relationship)	2.839	11.828	27.276
Factor 3 (Family norm)	2.522	10.510	37.786
Factor 4(Roles & responsibilities)	1.997	8.320	46.106
Factor 5 (Communication)	1.910	7.959	54.065
actor 6(Financial resources)	1.751	7.298	61.363

<Table 5> Correlation between factors of family functioning

(N = 231)

.84

Factor	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6
Footon 1	1.000	.394**	.421**	.440**	.565**	.102
Factor 1		(p = .000)	(p = .000)	(p = .000)	(p = .000)	(p = .124)
Factor 2		1.000	.334**	.379**	.348**	.182 **
ractor 2			(p = .000)	(p = .000)	(p = .000)	(p = .005)
Factor 3			1.000	.467**	.387**	.071
ractor 3				(p = .000)	(p = .000)	(p = .281)
Factor 4				1.000	.370**	.142*
ractor 4					(p = .000)	(p = .031)
Factor 5					1.000	.091
ractor 3						(p = .170)
Factor 6						1.000

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<Table 6> Reliability of family functioning
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	Guttman	
Factor	Reliability	Alpha coefficient
	Coefficient	
Factor 1	.7153	.8345
Factor 2	.6168	.8224
Factor 3	.5603	.7471
Factor 4	.5503	.5521
Factor 5	.6239	.7328
Factor 6	.6850	.6854
Total	.8369	.8733

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- Abstract -

A Study on the Development of the Korean Family Functioning Scale.

Lee, In-Sook 1) · Park, Young-Sook 1)
Song, Mi-Soon 1) · Lee, Eun-Ok 1)
Kim, Hesook-Suzie 2) · Park, Youn-Hwan 3)
Choi, Kyong-Won 4) · Chin, Young-Ran 4)
Kim, Dae-Hee 5) · Lee, Hyeon-Sook 5)

Purpose: The purpose of this study was to develop the instrument to measure family functioning for Korean family with a chronic ill child, and to test the validity and reliability of the instrument.

Method: The items of instrument were consisted based on researchers' previous study of concept analysis of the Korean family functioning. Twenty six item scale was developed with six domains. In order to test reliability and validity of the scale, data were collected from the 231 families, who have a child with a chronic illness. Data was collected between August and September in 2001 in a General Hospital in Seoul, Korea.

Result: The results were as follows:

As a result of the item analysis, 24 items were selected from the total of 26 items, excluding items with low correlation with total scale. Six factors were evolved by factor analysis. Six factors explained 61.4% of the total variance. The first factor 'Affective bonding' explained 15.4%, 2nd factor 'External relationship' 11.8%, 3rd factor 'Family norm' 10.5%, 4th factor 'Role and responsibilities' 8.3%, 5th factor 'Communication' 7.9%, and the 6th factor 'Financial resource' explained 7.3%. Cronbach's coefficient of this scale was .87 and Guttman spilt- half coefficient was .84.

Conclusion: The study support the reliability and validity of the scale. There were distinct differences in dimensions of family functioning scales developed in the U.S.

Key words: Family functioning, Instrument development

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