

:

:

•  
A.

가

가

가

.(Robson, 1970)

.(Blumer & Herbert 1969)

(dyadic interaction).

가

가

.(Bowlby 1969)

.(Bowlby 1969)

2

- ,

-

2

(Jensen & Bobak 1985).

,

2

2

가

가

(Bonding) (attachment) 가 가  
(Early period ; 1 4 )  
(consolidating period ; 5 8 )

8  
(time series  
observation)

**B.**

8

1)

가

2)

3)

**C. 가**

**D.**

1)

Stainton  
" " " " " " ( )  
" " " 40 8  
8  
10 , 1 5 0  
.

가

(maternal-infant relationship)

(bonding)

(Klaus, & Kennell, 1976)

A.

가 가 가  
가

(Campbell, 1980)

(dyadic interaction)

(Marlow 1977, Curry (1978). 가

가

(Bowlby 1969).

(Thomas and Chess 1977, Belskily 1984).

가 ,

(sucking),

(crying), (clinging), (following), (smiling)  
(social signaling system) 가

(Thomas and Chess 1977, Kay 1975, Ludington Hoe 1977).

Barnard(1986)

(symbolic interaction)

(Cropley 1976,

Blumer 1969, 1982).

2

2

2

(Marlow 1977, Klaus and Kennell Reeder 1980, Ludington-Hoe 1977).

Klaus(1976)

가 , ,

가

(Identification process) ,

가

(Rubin 1963)

가 4 (Klaus and Kennell  
가

1972, Rubin 1963, Cannon 1977), 1  
2 가 3

4

가 가 가

가 가

가 (Robson  
1970, Klaus 1976).

가

가 (klaus 1972,  
Cannon 1977).

가 (cue)

가

( ) ( )  
(Barnard 1982).

가

(Klaus  
1972, Cannon 1977).

가 (Bannard 1986).  
가

가 가

(motherliness) (mothering)

(Growth period), 3가 (Early period), (Consolidating period),  
(Early period) (Jensen and Bobak 1985).  
가

가 (dependant needs) 1 2 , 4  
가 가 .  
(Consolidating period) 가

2 가 .

6 8 가 .

(Growth period) 가

, 가  
(Jensen and Bobak 1985). 가

가 3가

, 가  
(Jones and Moss 1977, Florence & Robertis 1983).  
(Florence & Robertis 1983, Georgina & Joseph 1977).  
, 가 (Sheehan 1981, Barnard 1982, Clements  
1983).

•  
A .

가  
(precondition)

가 (early period) (consolidating  
period) 8  
8 8 (time series observation)

**B.**

1990 7 1 1991 6 8  
 4 (S , E , K , H )  
 , 1) ( )  
 ), 2) 20 34 ( )  
 ), 3) )  
 가 72 1 )  
 , , 28 )  
 44 )

**C.**

1) Stainton

Stainton

(Stainton parent-infant interaction scale, 1981)

가

1 , 2 , 3 ,  
 2 , 6 , 8 )  
 , , ( ) 40 )  
 , , )  
 0 , 1 , 2 1 5 )  
 0 10 (8 가 )  
 , 1 , 2 , 3 , 2 , 4 , 6 , 8 )  
 8 가 )  
 가 . Stainton 82 )  
 .81 )

**D.**

1)

Stainton

가

K

4 E )

2) Stainton

(1987 )

Nursing Child Assessment Satellite Training (NCAST)

(1988. 1. 22)

1

95%

**E.**

1990 7 1 1991 6 8

가

가

2 3

1) ( )

가

가

가 5 10

2) 1 ( )

8  
가

15

20

가

30

3) 2 3

1

가

1

가  
가

4) 2 , 4 , 6 , 8

가

가 가

가

15

20

**F.**

SPSS(statistical package for the social sciences)

(Time contrast)





가 . , Appqar 10 (50.0% 33 ) 가 가 9 (46.9% 20 ) 8 (3.1% 2 )

< 1>

			(%)
	20 24	11	25.0
	25 29	28	62.0
	30 34	5	12.5
		3	6.3
		28	62.5
		13	31.3
		37	84.4
		7	15.6
		28	56.3
		19	43.8
		3	6.3
		25	56.3
		14	34.4
		2	3.1
가	가	29	65.6
	가	15	34.4
		20	46.9
	가	15	34.4
		3	6.3
		6	12.5
		15	34.4
		29	65.6
		39	90.6
		5	9.4
		8	18.8
		12	28.1
		24	53.1
		33	75.0
		11	25.0
	1 2	4	9.4
	3 4	31	71.9
	5 6	7	15.6
	8	2	3.1
		22	50.0
		9	21.9
		13	28.1
	1 12	34	78.1
	13 21	8	18.8
	22	2	3.1
		31	71.9
		13	28.1

< 2>

			(%)
		23	53.1
		21	46.1
(kg)	2.5 2.9	10	21.8
	3.0 3.4	16	37.4
	3.5 3.9	11	24.8
	4.0 4.5	7	9.4
(cm)	48 50	20	46.9
	51 53	12	25.1
	54 60	12	28.1
( )	38 40	29	65.7
	41 42	15	34.4
Apqar	8	2	3.1
	9	20	46.9
	10	22	50.0

**B.**

“ ”( 1 8 ) 가  
 (Time contrast) 가  
 paired-t  
 1 t=5.54, p=.071  
 1 2 t=5.57, p=.000  
 2 3 t=.81, p=.424  
 3 2 t=.85, p=.423  
 2 4 t=2.67, p=-.462  
 4 6 t=3.91, p=.000  
 6 8 t=.18, p=.841 1 2 (p=0.000), 4  
 6 (p=0.000)  
 < 3 >. 4 ( 가 )  
 가  
 ( 0  
 10 ) ; 5.21 , 1 ( ) ; 5.57 , 2 ; 6.92 ,  
 3 ; 7.07 , 2 ; 7.15 , 4 7.06 , 6 ; 8.01 , 8 ; 8.02  
 4 < 2 (7.15 ) 4 (7.06 ) 가  
 >  
 가 < 4, 1 >.  
 가 가  
 (Rolsor 1970, Belsky 1984, Thomas 1977)

가 4 6 가  
Rubin(1963)

< 3>

paired-t		1	1	3	2	4	6	8
		5.54						
1	P=.071							
		5.59	5.57					
2	p=.000	p=.000**						
		4.73	5.74	.81				
3	p=.000	p=.000	p=.424					
		3.92	4.68	1.24	.85			
2	p=.000	p=.000	p=.205	p=.423				
		4.02	6.14	2.87	2.21	2.67		
4	p=.000	p=.000	p=.006	p=.023	p=-.462			
		7.28	8.91	5.54	5.02	4.73	3.91	
6	p=.000	p=.000	p=.000	p=.000	p=.000	p=.000	p=.000**	
		8.71	9.68	5.59	4.94	4.89	4.47	.18
8	p=.000	p=.000	p=.000	p=.000	p=.000	p=.000	p=.000	p=.841

\*\*p<0.05, \*\*\*p<0.01

< 4>

		1	2	3	2	4	6	8		
		1.60	1.40	1.46	1.43			1.473		
		.65	.68	1.32 1.12	1.25	1.46	1.13	1.43	1.75	1.196
		.56	.68		1.18					0.806
		1.55	1.71	1.87	1.90	1.65	1.13	1.59	1.09	1.561
( )				1.15		.93	1.43	1.84	1.60	1.382
					1.31	1.40	1.76	1.65	1.87	1.602
		.85	1.28			1.71	1.59	1.50	1.71	1.44
		5.21	5.75	6.92	7.07	7.15	7.06	8.01	8.02	
		1.461	1.913	1.664	1.489	1.5965	1.775	1.943	1.901	

< 1 >  
 , 4 (7.06 ) 2 (7.15 )  
 4 가  
 가 가

. Furr Kigis(1982)

, (1993) 1  
 가 가 .  
 8 가 5.21  
 8.02 < 0  
 10  
 0 4 : (intensive) 가 .  
 5 7 : 가 (extra) 가 .  
 8 10 : (usual) 가 >  
 가 (Extra Nursing Support)가  
 , 가  
 2 3 ( )  
 4 10 ( )

(Rubin 1963, Ludington-Hoe 1977, Jesnen 1977).

, 6 (8.01 ) 8 (8.02 )  
 가  
 10 가  
 10 가  
 , (Early period : 4 ), (Consolidating  
 period : 5 8 ) (Growth peirod : 8 ) 3  
 (Jensen & Bobak 1985) 가  
 10  
 (8.0 ) (10 )  
 ( 8 ) 가 (Usual  
 Nursing support)가 .

(intensive) <0 4 >가  
 ) 5 7 1  
 4 (Early period)  
 7 8 4 8 4  
 (Consolidating period) (5.21  
 8.02 )가 가 (Extra Nursing Support)

**C. (modalities of interaction)**

8 (modalities) - ,  
 , ( ) ,  
 , -  
 . < 4, 2 >. < 0 , 1 , 2  
 0 : (intensive) 가 .  
 1 : 가 (extra) 가 .  
 2 : >  
 7  
 (1.60 ) (1.56 ) (1.38 )  
 (1.44 ) (1.38 ) (1.19 )  
 (0.80 ) < 4 >. , 가  
 가 , ‘ 가  
 ‘ , : 1.60 , 1 :  
 1.40 2 : 1.46 3 : 1.43 .  
 1 , 2 , 3 .  
 , 가 가 (sex)  
 , ‘ (like)’ .  
 가 , (sex), 가  
 가 .  
 (Aab 1976, Ludington-Hoe 1977) , (sex) , ,  
 Claudia(1981) 1  
 2 1 4  
 가 . 가 1

< > , : 0.56 1 : 0.68 3 1.18 가 가 7 가

, 가 가

‘ ’ : 0.56 , 1 : 0.68 , 2 : 1.32 , 1.12 , 3 : 1.25 , 2 : 1.46 , 4 : 1.13 , 6 : 1.43 , 8 : 1.75 가 가 가 1 2 3

2 1 ( ) 가

2 가 가 가 가

, 4

(skin to skin contact) 가

(Rubin 1976, Claudia 1981, Bowlby 1966). Rubin(1976) 가 가 3 4 2 가 3

‘ ’ : 1.55 , 1 : 1.71 , 2 : 1.87 , 3 : 1.90 , 2 : 1.65 , 4 : 1.13 , 6 : 1.59 , 8 : 1.09 1 3 2 8 가 가 가 가

Robson Klaus(1970)

가 가  
 2 : 1.15 2 :  
 0.93 , 4 : 1.43 , 6 : 1.84 , 8 : 1.60  
 2 가 (0.93 )  
 가 2 4 4 6  
 가 가,  
 가

2 가 6  
 가 가

가  
 ‘ , 3 : 1.31 , 2w : 1.40 , 4 : 1.78 , 6 : 1.65 ,  
 8 : 1.87  
 가 가 가 2  
 4 가 가

가  
 (Ainsworth, 1964).  
 5 8

( 1991).

Summer(1977)  
 (Mothering person)

Rubin(1961) Aab(1976) 가

7 가 가  
 가  
 ‘ , : 0.85, 1 : 1.28 , 2 : 1.71 , 4 :  
 1.59 , 6 : 1.50 , 8 : 1.71  
 2 4 6 가  
 가 8 가

4 6  
 가 8  
 Marut 1979, Susan(1984)

Mercer(1985)

가 가

가

'(1.60 ) 가 가

'(1.55 ) 가

1 (1.87 ),

'(0.56 ) < 3 >

(1.40 )

가

'(0.68 )

'(0.68 )

2

'(1.87 ) 가

'(1.46 )

가

'(

'(1.15 )

3

'(1.90 ) 가

'(1.43 ), 가

'(1.18 )

2

가

'(1.71 ),

'(1.65 ) 가

'( ) (0.93 )

4

'(0.78 ),

'(1.59 )

가

'(1.13 )

'(1.13 )

6

'(1.84 ) 가

'(1.65 ) 가

'(1.43 )

가

8

가

'(1.87 )

'(1.75 )

'(1.71 )

가

'(1.09 )

가 가

( 4 8 )

가

'( )



가

e

(1987) 4 6

가

Curry (1987) Marlow (1977)

Barnard(1986)  
(modification) 가

가

D.

가

< 5>

(F=4.39, P=0.021)

(F=5.00, P=0.027)

가

가 가 (P=0.027).

가

Bayley 1973, Sheehan 1981 Summer(1977)  
walker(1986)

가

( )

가 (P=0.021).

3

Jensen(1982)

가

가

			t	F
	20- 24	49.25	9.23	
	25- 29	50.20	6.98	.4246
	30- 34	53.75	11.32	
		46.00	1.41	
		49.06	8.44	.8871
		52.90	7.50	
		51.51	7.90	1.91
		44.40	5.94	
		50.88	8.59	.38
		49.78	7.40	
		60.00	1.41	
		52.27	6.92	5.002
		46.09	8.23	.027*
		45.20	8.74	
가	가	51.95	8.14	1.55
	가	47.45	7.10	
	1- 12	51.00	7.94	
	12- 21	48.33	9.20	.3023
	22	48.00	8.22	
		52.04	8.42	1.93
		46.22	4.96	
		49.27	7.07	- .57
		51.00	8.53	
		50.58	8.06	.39
		48.66	8.62	
		49.33	6.68	
		51.55	8.20	.1458
		50.17	8.64	
		51.50	8.32	1.36
		47.12	6.22	
	1 2	45.66	8.32	
	3 4	50.47	7.68	.8289
	5 6	54.00	9.94	.4892
	8	45.00	8.11	
		51.31	7.86	
		46.85	7.69	4.392
		51.55	8.53	.021*
		47.76	6.96	
		53.40	8.23	- 2.10
				.044

\*P<0.05

8  
 1990 7 1 1991  
 6 8 가 4 (44 )  
 8 , 1 , 2 ,  
 3 , 2 , 4 , 6 , 8 Stainton  
 (Stainton parent infant interaction Scale, 1981) 1 8  
 (Time series observation) . SPSS  
 (Paired-t , ANOVA, pearsons correlation) .  
 1.  
 가  
 1 2 (P=0.000) 4 6  
 (P=0.000) .  
 가  
 가 4  
 가 “ ”  
 가  
 2. ( 0 10  
 ) : 5.21 , 1 ( ) : 5.75 , 2 : 6.92 , 3  
 : 7.07 , 2 : 7.15 , 4 : 7.06 , 6 : 8.01 , 8 : 8.02  
 가 가 4 (7.06 ) 2 (7.15 )  
 가  
 3. 8  
 5.21 8.02  
 ( 0 10 8 가 가 )  
 가 가 (Extra Nursing Support)가 8  
 6 (8.01 ) , 8 (8.02 ) 6 (8.01 ) .  
 8 (10 )  
 (Usual Nursing Support)가 .  
 4. 7  
 (1.60 ) (1.56 ) (1.38 )  
 (1.44 ) (1.38 ) (1.19 )  
 (0.80 ) . 가  
 “ ” 가 “  
 ” .  
 5.

1.09 ) 가 가 ( 1.90  
 1.84 ), ( 1.31 1.87 ) ( 0.93

6. 가  
 (p=0.027) (P=0.021)

가 . 가 ( 4 )

가  
 , 가  
 (Extra Nursing Support)가 .

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3. (1993). , .
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**- Abstract -**

## **A Study on the Change of Primipara's Mother-Infant Interactional process**

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Cho, Mi Young : Department of Nursing Kyung Hee University

One of the important tasks for new parents, especially mothers, is to establish warm, mutually affirming interpersonal relationships with the new baby in the family, with the purpose of promoting the health development of the child and the well-being of the whole family. Nurses assess the quality of the behavioral characteristics of the maternal-infant interaction.

The purpose of this longitudinal descriptive correlational study is to investigate the changes of the mother-infant interactions from postpartum 1 day to postpartum 8weeks of the transition to parenthood.

The aim was to contribute to the development of theoretical understanding on which to base care toward promoting the quality of maternal-infant interaction.

Data were collected directly by the investigator and a trained from Jul, 1, 1990 to Jun 8, 1991, Subjects were a random sample of 44 mothers, 44 who had a normal delivery (but without other perinatal complications) at four general hospitals in Seoul.

Instruments used were the Stainton Parent-infant Interaction Scale(1981). The first observations were made in the delivery room, followed by day 1, day 2, day 3 and 2 weeks, 4 weeks, 6 weeks and 8 weeks after, birth, for a total of 8 contacts.

Observations in the hospital were made during the hour prior to scheduled feedings. The infant was placed beside the mother. Later contacts were made at home.

Data analysis was don by computer using as SPSS program and included, Paired t-test, t-test and Pearson Correlation coefficient ; the results were as follows.

1. The daily maternal-infant interaction score for the initial contact after birth to 8 weeks postpartum had the lowest average score 5.21 and the highest 8.02(in a range of

0-10). This subject group of mothers needed Extra nursing supporting to promote their maternal-infant interaction.

2. The daily scores for the maternal-infant interaction tended to rise, showing a gradual improvement over the period of eight weeks. However, there were significantly different increases in maternal-infant interaction only from the first to second day ( $p=0.000$ ) and from the fourth to sixth weeks after birth. ( $p=0.000$ )

3. When the seven items of maternal-infant interaction were evaluated items of maternal-infant interaction were evaluated separately, "Care taking for the baby" had the highest average score, 1.60 (in a range of 0-2) and "Speaks to baby" the lowest, 0.8. All items, suggested the subjects' need of nursing intervention to promote maternal-infant interaction

4. There were positive correlations between certain general characteristics, namely, both a higher economic status ( $p=0.027$ ) and breast feeding ( $p=0.021$ ) and maternal-infant interaction.