



Original Article

# Influencing Factors in Breast Feeding Duration

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1)

## Abstract

**Purpose:** The objectives of this study were to investigate the current breast feeding rates in Jeju Province and to identify factors which influence breast feeding duration after birth. **Method:** The subjects were 189 women with a child between 12 months and 24 months old. Data was collected using a structured questionnaire from October 2003 to January 2004. Measures used in this study included general characteristics, delivery related characteristics, breast feeding related characteristics and the feeding type over a 12- month period after birth. **Result:** The study showed that the breast feeding rate in the first month was 63.1%, later dropping to 30.9% in the sixth month. In addition, only 14.2% of subjects were still breast feeding the baby at twelve months of age. The mean of breast feeding duration was 4.77 months. The factors which influenced breast feeding duration were wanted pregnancy, breast feeding education, planning of breast feeding and breast feeding experience. **Conclusion:** Considering the low rate of long-term breast feeding, the importance of breast feeding should be emphasized to promote and support the continuation of breast feeding in addition to

at its initial stage. Based on the results, programs on breast feeding promotion and continuation need to be developed.

Key words : Breast feeding

가 (UNICEF, 2000).  
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,  
,  
(Fewtrell, 2004).  
1970  
1980 WHO  
,  
,  
, Kwon (1993)

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28.4%, Lee (1997) 20.0%, 가 가 3. 연구도구  
2002 6.5%

가 1 가 가  
Lee (1994) 2-4, Park(1992) 2 8  
, 1 42.2%, 6 4, 3  
23.0%(Park, Kim, Lee, & Kim, 2000) UNICEF 1  
6 10 2  
(Kim, , 1  
1993),  
(Kuba & Novak, 1992),  
(Lee, Cho, Hwang, Cho, & Kim, 1990)

4. 분석방법

SPSS WIN 10.0 PC +

연구의 목적

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- 
- 

1. 어머니와 자녀 일반적 특성

<Table 1>

25-34 가 68.3% 가 , 35  
23.8% , 31.29  
65.1%, 29.1%, 가  
5.3% , 가 75.1%  
22.8% . 가 가 72.0%  
가 , 가 101 -200  
60.8% 가

2. 연구대상 및 자료수집방법

2003 10 2004 1  
가  
12 24  
가 189 ,  
가 35.4%, 24.3%  
3.5kg 66.7% 가 ,  
3.24kg 가 43.4%, 가 55.6%  
2. 산과적 특성  
55.6%

<Table 1> Differences of breast feeding duration according to the general characteristics in subject and their children (N=189)

Characteristics	Frequency	(%)	t or F	P
<b>Age</b>				
24 or less	10	( 5.3)	0.31	0.731
25-34	129	(68.3)		
35 or over	45	(23.8)		
missing	5	( 2.6)		
<b>Education level</b>				
middle school or less	10	( 5.3)	0.98	0.378
high school	123	(65.1)		
college or over	55	(29.1)		
missing	1	( 0.5)		
<b>Employment status</b>				
yes	43	(22.8)	-0.76	0.449
no	142	(75.1)		
missing	4	( 2.1)		
<b>Family type</b>				
nuclear	132	(72.0)	0.68	0.496
extended	46	(24.3)		
missing	7	( 3.7)		
<b>Monthly income(10,000 won)</b>				
100 or less	30	(15.9)	1.30	0.275
101 - 200	115	(60.8)		
201 or over	38	(20.1)		
missing	6	( 3.2)		
<b>Child order in family</b>				
1st	73	(38.6)	2.32	0.101
2nd	67	(35.4)		
3rd or over	46	(24.3)		
missing	3	( 1.6)		
<b>Birth weight of child</b>				
under 3.5kg	126	(66.7)	-1.75	0.082
3.5kg or over	63	(33.3)		
<b>Gender of child</b>				
male	82	(43.4)	-0.76	0.450
female	105	(55.6)		
missing	2	( 1.1)		

<Table 2> Differences of breast feeding duration according to the obstetric characteristics in subject (N=189)

Characteristics	Frequency	(%)	t	P
<b>Delivery type</b>				
natural delivery	105	(55.6)	1.06	0.291
Caesarean section	79	(41.8)		
missing	5	( 2.6)		
<b>Delivery place</b>				
general hospital	65	(34.4)	-0.50	0.616
clinic and others	124	(65.6)		
<b>Recuperation time after delivery(week)</b>				
under 4	75	(39.7)	0.65	0.515
4 or over	114	(60.3)		
<b>Wanted pregnancy</b>				
yes	108	(57.1)	2.04	0.043*
no	71	(37.6)		
missing	10	( 5.3)		

\* p<0.05

<Table 3> Differences of breast feeding duration according to the breast feeding related characteristics in subject (n=189)

Characteristics	Frequency	(%)	t	p
<b>Planning of breast feeding</b>				
Yes	156	(82.5)	6.32	0.000**
No	25	(13.2)		
Missing	8	( 4.2)		
<b>Breast feeding education</b>				
Yes	65	(34.4)	2.69	0.008**
No	120	(63.5)		
Missing	4	( 2.1)		
<b>Breast feeding experience</b>				
Yes	126	(66.7)	3.66	0.000**
No	57	(30.2)		
Missing	6	( 3.2)		

\*\* p<0.01

41.8% , 34.4% ,  
 가 65.6% , 4  
 60.3% , 4.36 ,  
 57.1% , 37.6%

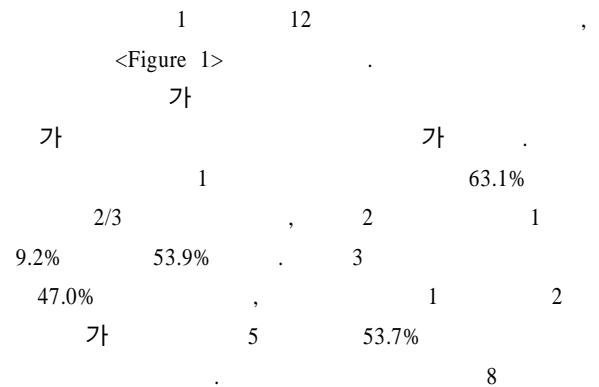
<Table 2>.

3. 모유수유관련 특성

<Table 3>

가 82.5% 13.2%  
 , 가 34.4%, 63.5%  
 , 가 66.7% 2

4. 월령별 모유수유 실천율



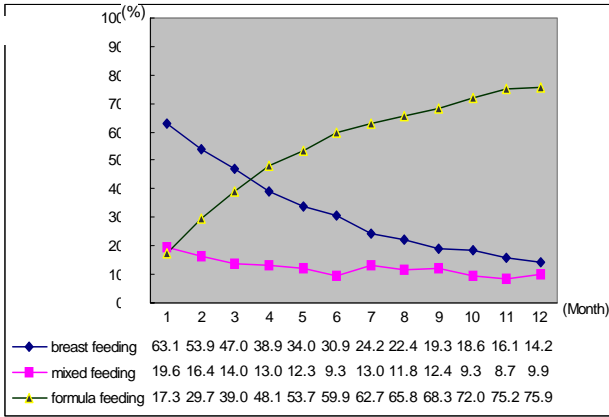
<Figure 1>

가

가 , 가  
 1 12 ,  
 1 63.1%  
 2/3 , 2 1  
 9.2% 53.9% , 3  
 47.0% , 1 2  
 가 5 53.7%

8

20% 12 162  
 23 14.2% 5 가 가  
 50% 12 162 123  
 75.9% 1  
 19.6% 가 12  
 9.9% 1 63.1%  
 4.77  
 (Byun, Han, & Lee, 1994; Moon et al., 1998;



<Figure 1> Rates according to monthly feeding type

5. 모유수유 기간에 미치는 영향요인

t ANOVA  
 <Table 1, 2, 3>, (t=2.04, p=0.043)  
 (t=6.32, p=0.00), (t=2.69, p=0.008),  
 (t=3.66, p=0.00)

가  
 <Table 4>. 4가

11.3%

(Park et al., 1999)  
 가 2004 47.9%  
 4.77  
 7.46 (Park et al., 2000), 5.2 (Lee et al., 1997), 5.98  
 (Park, Oh, & Jang, 1999) 1  
 6  
 가  
 , 6  
 (Cunningham, 1977)  
 6

<Table 4> Variables affecting to breast feeding duration

Variables	B	S.E	t(P)	R <sup>2</sup>	F(P)
Constant	.714	.964	.74(0.460)		
Planning of breast feeding	4.702	1.032	.336 4.56(0.000)	.113	20.75(0.000)

(Choi, & Kim, 1995),

(Park et

가

가 가

al., 2000),

(Oh et al., 1994)

가

가

가

가

5.38

가

1.28

P=0.000

Oh, Park Im(1994)

1

(Feinstein, Berkehamer, Gruszka,

& Carey, 1986; Starling, Fergusson, Horwood, & Taylor, 1979; Welsh, & May, 1979)

1

가

가

1.88

가

(Lee,

& Suh, 1996; Nam, 1997; Seo, Jung, & Suh, 2000)

가

가

Oh (1994)

가

가

Seo (2000)

20

2, 4, 8, 12

가

가

3

가

가

가

가

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