

* • **

가
(Stuarts & Sundeen, 1983),

1. 가
(Norris, 1970).

가
(Rubin, 1968),

3 4% 가
(Castledine, 1981), 가

2025 가 3 (WHO, 1985), 30
(Wassner, 1982).

가
(1987)

7.9%, 93 9.1%, 95 0.1% 가
(, 1980; , 1993; ,
1995; Park, 1995).

가
(1996) 가

가 1983 10 4.3
1987 7.8 , 1990 11.8 , 1995 17.2 ,
1996 17.4 가 (,
, 1997).

1982, 1985, , 1987; , 1988; ,

*

**

1993; , 1997),

(Semantic Differential Method)

가

2) :

(, 1997).

가

, Dr,

(Battle, 1978)

Zung(1965)

Thomas Willis
Sorrow

Sadness or long

가 가
Scale, SDS)

(Self-rating Depression
가

10-25%, 5-12%

가

25-33%

(Laura Helmuth, 1997).

1.

가

(Insulin)

가

(非)

가

(, 1998).

2.

가

가

(, 1980; , 1998;

, 1999).

1)

2)

3)

가

(Wassner, 1982),

4)

3.

(Jasmin &

Trygstad, 1979).

1)

:

가

(Norris, 1970),

, 가

(Stuart & Sundeen, 1983),

(Wassner, 1982),

(1964) Osgood(1957)

(, 1992).
Stuart (1983)

, 가
(1994)
가
가 ,

Castledine(1981)

, Wassner(1982)

가 ,
가
,

(, 1999). Wassner(1982)

2.

, (personality), (sex),
, 가
,
, 가

, (, 1992),
가
(, 1985) 가
, 가

가
가
가 25%가
2

(Wassner, 1982),
가
가 (, 1992).

(, 1996).

(Norris, 1970)

, , , , , 가
, 가 ,
, , , (, 1997).

(Wassner, 1982; , 1992),

가

(, 1997).

(Anthony, 1968).

(1977)

가

(1983)

(1984)

(1995))

. Averill

가 (, 1997),

15 “ ”

가

가 7 15

105

(1987) Cronbach .86

(1988) Zung

(1988)

(1991) (1998) 4

가 20 (12 , 8

) (1991)

Likert 4 ; ; 가

Cronbach .84

4.

1. SPSS/PC+

1)

2)

2. 3) t-test,

ANOVA, Scheffe test

4) Pearson's Correlation

Coefficients

120

5.

2 가

1998 4 15 8 20

3.

1.

13

(1964) Osgood 50.8% , 49.2%

(1957) , 51-60 38.3% , 61-70

25.8% , 41-50 21.7% 40

가, , 3

19.2% 34.2%, 가 29.2%, 가 65.8%, '가 34.2%
 , 96.7% , 가 '가 69.2%
 가 55% 가 , 가
 31.7% 가 , 가
 58.3% 가 (1).

< 1> (N = 120)

	(%)
	61 (50.8%)
	59 (49.2%)
21-30	2 (1.7%)
31-40	5 (4.2%)
41-50	26 (21.7%)
51-60	46 (38.3%)
61-70	31 (25.8%)
71	10 (8.3%)
	18 (15%)
/	3 (2.5%)
	23 (19.2%)
	35 (29.2%)
	41 (34.2%)
	4 (3.3%)
	116 (96.7%)
가	7 (5.8%)
	18 (15%)
	66 (55%)
	27 (22.5%)
	2 (1.7%)
	28 (23.3%)
	33 (27.5%)
	38 (31.7%)
	21 (17.5%)
	2 (1.7%)
	20 (16.7%)
	70 (58.3%)
	28 (17.5%)

' 60%, ' 40%

1-3 가 47.5% 가 ,
 40% (2).

< 2> (N = 120)

	(%)
1-2	14(11.7%)
3-5	22(18.3%)
6-10	26(21.7%)
11-15	24(20%)
16-20	24(20%)
21	10(8.3%)
	71(59.2%)
	49(40.8%)
	14(11.7%)
	10(8.3%)
	4(3.3%)
	92(76.7%)
	79(65.8%)
	41(34.2%)
	9(7.5%)
	6(5.0%)
가	10(8.3%)
	9(7.5%)
	3(2.5%)
	83(69.2%)
	6(5.0%)
	22(18.3%)
	20(16.7%)
	3(2.5%)
	9(7.5%)
	60(50%)
	72(60%)
	48(40%)
	0
	48(40%)
	1-3
	57(47.5%)
	4-6
	10(8.3%)
	7-9
	5(4.2%)

2.

가 6-10 , ,
 21.7%, 11-15 20%, 16-20 20% , ,
 가
 '가 59.2% ,
 가
 76.7% 가 , 11.7%

3.

p = .016), (F = 6.252, p = .001)가

68.91 ± 18.04

(Scheffe test)

가

56.18 ± 11.58

가

(3).

(t = 2.353,

< 3 >

(N = 120)

p = .020), (F = 4.657 p = .002), (t = -2.325, p = .022), (F = 5.536, p = .001)가

		Mean	SD
15	105	68.91	18.04
20	80	56.18	11.58

(Scheffe test)

가

4.

가

가

가

(4).

(t = -2.434,

< 4 >

(N = 120)

		SD	t(F)	p	SD	t(F)	p
	61	69.51	17.26		58.90	10.82	
	59	68.29	18.94	.369	.713	54.05	11.91
	21-30	2	53.00	7.07	42.50	7.78	
	31-40	5	56.60	11.06	52.60	8.65	
	41-50	26	68.50	19.15	54.92	9.54	1.100
	51-60	46	68.74	18.38	56.91	11.70	.364
	61-70	31	71.87	18.02	57.42	12.98	
	71	10	70.90	16.71	60.60	12.38	
	a	18	74.83	14.33	57.56	8.15	
/	b	3	71.00	9.54	61.67	10.97	
c		23	73.61	14.62	64.35	7.85	4.657
d		35	67.40	20.00	52.43	11.36	.002**
e		41	64.80	19.26	54.73	12.86	c>d
	4	47.75	8.58		43.50	5.07	c>e
	116	69.64	17.86	-2.434	.016*	56.95	11.49
가	7	60.00	23.40			49.86	18.06
	18	76.11	15.87			60.11	6.93
	66	67.45	18.49	1.295	.276	56.68	12.04
	27	70.07	16.64			55.56	10.88
	2	67.50	9.19			54.00	9.90
	28	66.64	19.09			55.36	13.35
	33	67.00	18.30			56.73	12.75
	38	72.29	17.36	.710	.548	56.84	9.64
	21	68.81	17.78			57.05	11.08
	a	2	61.00	36.77		57.50	16.26
	b	20	81.00	14.05		61.25	7.87
	c	70	69.33	16.25	6.252	.001***	57.94
	d	28	59.79	19.27		b>d	57.94
						c>d	11.50
						5.536	.001***

* p < .05, ** p < .01, *** p < .001

5.

(F = 3.017, p = .014), (t = 2.081, p = .040), (F = 3.102, p = .012), (t = 3.726, p = .000), (F = 3.048, p = .013), (F = 4.819, p = .003)가 (Scheffe test)가 1-3가 (Scheffe test) (5).

< 5 >

(N = 120)

			SD	t(F)	p	SD	t(F)	p
1-2	14	69.36	16.34			54.07	10.10	
3-5	22	73.95	16.25			62.64	9.10	
6-10	26	69.92	17.24	.874	.501	54.73	11.41	1.855
11-15	24	65.08	18.91			54.29	12.61	.108
16-20	24	69.63	17.56			57.50	9.25	
21	10	62.00	24.82			53.90	17.70	
	71	67.37	18.97	-1.128	.261	57.30	11.77	.905
	49	71.14	16.55			55.35	11.32	.367
	14	66.50	20.38			57.14	11.31	
	10	64.40	20.48	.447	.720	54.00	8.43	.207
	4	65.00	21.59			58.00	16.30	.891
	92	69.93	17.45			56.59	11.85	
	79	70.67	18.48	1.493	.138	58.06	11.68	2.081
	41	65.51	16.87			53.49	10.91	.040*
a	9	74.33	16.28			57.33	7.91	
b	6	62.00	17.12			47.00	8.41	
가 c	10	66.70	11.20	3.017	.014*	59.10	9.71	3.352
d	9	61.11	13.23		f>e	51.22	10.67	.007**
e	3	37.33	6.66			38.33	5.51	
e	83	71.07	18.48			58.01	11.71	
	6	68.33	14.02			53.67	11.52	
	22	64.50	15.52			52.55	10.28	
	20	58.95	21.90	3.048	.013*	50.30	11.37	3.102
, ,	3	90.00	15.00			61.00	2.00	.012*
, ,	9	73.33	14.66			58.11	9.20	
	60	72.18	16.89			59.83	11.66	
	72	71.43	18.05	1.896	.060	59.56	11.22	3.726
	48	65.13	17.55			51.92	10.65	.000***
0*	48	65.13	17.55			51.92	10.65	
1-3 b	57	70.84	18.48	1.279	.285	59.98	11.29	4.819
4-6 c	10	73.50	18.58			56.80	13.60	.003**
7-9 d	5	74.00	14.02			60.20	3.70	b > a

* p < .05, ** p < .01, *** p < .001

6.

가
(1985)

r = - .679 (p = .000)

(1985)

가 (6).

< 6 >

(N = 120)

- .679*** (p = .000)

가

가

(1998)

0.58 (1999)

2.42

가

(1998)

(1988)

(1982)

가

가

가

가

가

가

가

가

가

가 1-3

가

(1998)

가

가

가

가

(1998)

가

(1997)

(1998)

가

(1987)

(1993)

가

(1988)

가

(1988)

(1991) , (F = 3.102, p = .012),
 (1998) (t = 3.726, p = .000), (F = 4.819,
 가 p = .003)
 3. r = -
 .679 (p = .000)

가

120

1998 4 15 8 20
 2

1. 가

가 (1964)

2. 가

Osgood (1957)

Zung

(1991)

SPSS/PC+

(1983). _____

t-test, ANOVA, Scheffe

(1984). _____

Pearson's Correlation

test, Coefficients

(1999). _____, 11(1),

1. 68.91 ± 18.04

50-62.

56.18 ± 11.58

(1998).

2.

_____, 10(3), 469-4.

(t = -2.434, p = .016), (F = 6.252, p = .001),

_____, (1988).

(t = -3.017, p = .014), (t = 3.048, p = .013)

_____, Vol.9.

(t = 2.353,

(1980). _____ (1993).

p = .020), (F = 4.657, p = .002),

(t = -2.325, p = .022), (F = 5.536, p = .001),

_____, 26, 311-320.

(t = 2.081, p = .040),

_____, (1997).

(F = 3.352, p = .007),

_____, 가

- _____ , 4(1), 147-162.
(1988). _____
- _____.
(1998). _____
- _____.
(1997). _____
(1992). _____
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(1987). _____ , _____
(1993). _____
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(1997). _____ 가 _____
(1991). _____ 가 _____
(1992). _____
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(1997). _____ 3 , _____ ;
337.
(1992). _____ , _____ , 23(3), 271-296.
(1964). _____ , 9 , 191-205.
(1982). _____
- _____.
(1985). _____ - _____ , 3 , 119-142.
(1985). _____
(1987). _____
(1991). _____ 가 _____ (3).
(1998). _____ , Vol. 23, No. 2, 269-274.
(1988). _____
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(1977). _____ , 16(4), 358-359.
(1994). _____
(1997). _____ , _____ , _____ (1996). _____ , _____ (1999). 2 _____ , _____ , 32(1), 17-23.
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-Abstract-

Key concept : Diabetes mellitus patients, Body image, Depression

Relationship between Body image and Depression of Diabetes Mellitus Patients

Lee, Myung Hwa · Song, Myung Sook***

The purpose of study was to identify relationship between body image and depression of diabetes mellitus patients.

The subjects of study were 120 diabetes mellitus patients who were B hospital in Pusan.

Data were collected from 15th April to 20th August, 1998.

The instrument used for this study were Osgood's body image scale and Zung's depression scale.

The collected data were analyzed frequency, percentage, mean, standard deviation, t-test, ANOVA, Scheffe test, Pearson's correlation coefficients.

The results were as follows:

1. The mean score of body image was 68.91 ± 18.04 , and the mean score of depression was 56.18 ± 11.58 .
2. The score of body image according to marital status ($t = -2.434$, $p = .016$), economic status ($F = 6.252$, $p = .001$), reason of different regular hospital visiting ($F = 3.017$, $p = .014$), treatment method of diabetes mellitus ($F = 3.048$, $p = .013$) were significantly difference. ere significantly difference.
3. The score of depression according to sex ($t = 2.353$, $p = .020$), occupational status ($F = 4.657$, $p = .002$), marital status ($t = -2.325$, $p = .022$), economic status ($F = 5.536$, $p = .001$), regular hospital visiting ($t = 2.081$, $p = .040$), reason of different regular hospital visiting ($F = 3.352$, $p = .007$), treatment method of diabetes mellitus ($F = 3.102$, $p = .012$), paticipation of diabetes mellitus ($t = 3.726$, $p = .000$), paticipation of diabetes mellitus visiting ($F = 4.819$, $p = .003$) were significantly difference.
5. Body image and depression was a significant negative correlation ($r = -.679$, $p = .000$).

Conclusion: From this study, a relationship between body image and depression in patients with diabetes mellitus was idetified. Therefore, nursing intervention are needed to promote body image and depression in patients with diabetes mellitus.

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