

Table 1. General characteristics of study subjects

Variable\Sex	Male	Female	Total	p- value	unit: No.(%)
Age(yrs)				0.840	
65- 69	24(30.8)	36(27.9)	60(29.0)		
70- 74	16(20.5)	25(19.4)	41(19.8)		
75- 79	19(24.4)	29(22.5)	48(23.2)		
80≤	19(24.4)	39(30.2)	58(28.0)		
Educational levels				0.008	
≤Elementary school	66(84.6)	124(96.1)	190(91.8)		
Middle school≤	12(15.4)	5(3.9)	17(8.2)		
Spouse				0.000	
Alive	54(69.2)	51(39.5)	105(50.7)		
Died	23(29.5)	78(60.5)	101(48.8)		
Living status				0.002	
Live alone	3(3.8)	26(20.2)	29(14.0)		
With spouse/family	75(96.2)	103(79.8)	178(86.0)		
Monthly income(₩10,000)				0.054	
50	20(25.6)	44(34.1)	64(30.9)		
50- 99	46(59.0)	54(41.9)	100(48.3)		
100≤	12(15.4)	31(24.0)	43(20.8)		
Total	78(100.0) (37.7)	129(100.0) (62.3)	207(100.0) (100.0)		

Table 2. Rates of bed ridden patients among studied 65 years and over aged population by age and sex

Sex\Age	65- 69	70- 74	75- 79	80≤	Total
Male					
No of population(A) ^{a)}	2,251	1,541	804	763	5,359
No of person(B) ^{b)}	24	16	19	19	78
B/A(%)	1.07	1.04	2.36	2.49	1.46
Female					
No. of population(A) ^{a)}	2,754	2,154	1,215	1,405	7,528
No. of person(B) ^{b)}	36	25	29	39	129
B/A(%)	1.31	1.16	2.39	2.78	1.71
Total					
No. of population(A) ^{a)}	5,005	3,695	2,019	2,168	12,887
No. of person(B) ^{b)}	60	41	48	58	207
B/A(%)	1.20	1.11	2.38	2.67	1.61

a): Number of 65 years and over aged person in community population.

b): Number of bed ridden person among 65 years and over aged person.

3. 가
 「 가 74
 43.6%, 「 가 75
 40.3% 가 가
 「 가 80
 69 가 65- 가 가 「
 가 65-69 가 65-69
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 80 가 가

Table 3. Rates of bed ridden patients by the cause of diseases unit: %

Disease	65-69	70-74	75-79	80≤	Total
Cerebrovascular disease					
Male(n=21)	47.6**	23.8	14.3	14.3	26.9
Female(n=32)	34.4	21.9	15.6	28.1	24.8
Hypertension ·arteriosclerosis					
Male(n=34)	35.3	23.5	23.5	17.6	43.6
female(n=49)	30.6	28.6	20.4	20.4	38.0
Respiratory disease					
Male(n=16)	25.0	12.5	18.8	43.8**	20.5
Female(n=28)	25.0	17.9	25.0	32.1	21.7
Heart disease					
Male(n=20)	30.0*	30.0**	25.0	15.0	10.3
Female(n=35)	25.7	20.0	34.3**	20.0*	32.6
Lumbago ·neuralgia ·spinal disease					
Male(n= 8)	25.0	12.5	25.0	37.5	28.2
Female(n=42)	23.8	16.7	21.4	38.1	40.3
Rheumatism ·arthritis					
Male(n=22)	40.9**	36.4**	18.2	4.5	33.3
Female(n=52)	28.8	25.0	25.0*	21.2**	34.9
Diabetes mellitus					
Male(n=26)	38.5*	38.5**	19.2	3.8	33.3
Female(n=45)	26.8	24.4	24.4	24.4**	37.2

* p<0.05, ** p<0.01.

Table 3. Continued

Variable	65-69	70-74	75-79	80≤	Total
unit: %					
Senility					
Male(n=26)	3.8	3.8	38.5**	53.8	33.3
Female(n=48)	8.3	14.6**	16.7	60.4	37.2
Malignant neoplasm					
Male(n=4)	50.0	0.0	0.0	5.0	5.1
Female(n=5)	0.0	20.0	40.0	40.0	3.9
Accidents					
Male(n=6)	33.3	16.7	33.3	16.7	7.7
Female(n=1)	30.6	28.6	20.4	20.4	0.8
Total					
Male(n=78)	32.9	19.8	21.6	21.2	23.5
Female(n=129)	23.4	21.8	24.3	30.5	26.1

* p < 0.05, ** p < 0.01.

Table 4. Mean period of bed ridden patients by age and sex

Age	Sex	Mean±SD(Min- Max)	p- value
65-69	Male(n=24)	4.26±3.04(1.20- 11.60)	0.987
	Female(n=36)	4.27±2.85(0.90- 17.30)	
70-74	Male(n=16)	4.39±3.42(0.80- 13.60)	0.707
	Female(n=25)	4.66±2.40(0.60- 10.50)	
75-79	Male(n=19)	5.45±2.30(2.60- 10.60)	0.753
	Female(n=29)	5.15±2.61(1.20- 10.50)	
80≤	Male(n=19)	5.40±2.58(0.80- 10.20)	0.679
	Female(n=39)	5.76±3.30(1.20- 13.50)	
Total	Male(n=78)	4.81±2.89(0.80- 13.60)	0.692
	Female(n=129)	4.98±2.89(0.60- 17.30)	

가 , 74 4.

가 75

가 . 「 」 4.81±2.89 , 4.98±2.89

80 가 53.6%,

가 60.4% 가 , 가

가 . 「 」 「 」 , 75-79 가

가 가

74 (4).

가 , 75

가 (3).

5. , (5).
 가 29.5%, 가 27.9% 가
 , 가 60.5%, 가 50.0% 6.
 가 1
 가 20.5%, 가 11.6% 가 3.35±1.21 ,
 3.54±1.27 . 75-79
 가
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 가 50.0% (6).

Table 5. Status of received medical cares by age and sex

unit: %

Age	Sex	Received care			p-value
		Home visit	Clinic/hospital	Not treated	
65-69	Male(n=24)	25.0	54.2	20.8	0.153
	Female(n=36)	11.1	77.8	11.1	
70-74	Male(n=16)	25.0	62.5	12.5	0.924
	Female(n=25)	20.0	68.0	12.0	
75-79	Male(n=19)	15.8	63.2	21.1	0.523
	Female(n=29)	24.1	65.5	10.3	
80≤	Male(n=19)	52.6	21.1	26.3	0.323
	Female(n=39)	51.3	35.9	12.8	
Total	Male(n=78)	29.5	50.0	20.5	0.170
	Female(n=129)	27.9	60.5	11.6	

Table 6. Mean numbers of help required ADL per bed ridden patients

Age	Sex	Mean±SD	p-value
65-69	Male(n=24)	2.96±1.20	0.150
	Female(n=36)	3.12±0.93	
70-74	Male(n=16)	3.16±1.12	0.263
	Female(n=25)	3.45±1.09	
75-79	Male(n=19)	3.50±1.21	0.376
	Female(n=29)	3.47±1.52	
80≤	Male(n=19)	3.89±1.20	0.877
	Female(n=39)	3.95±1.26	
Total	Male(n=78)	3.35±1.21	0.274
	Female(n=129)	3.54±1.27	

7. (ADL) 가

65-69 가

, 70-74 가

75-79 가

, 80 가

(7).

Table 7. Rates of help required bed ridden patients by age and sex

unit: %

Age	Sex	Items of help ADL					
		Bathing	Dressing	Toileting	Mobility in indoors	Feeding	Posture exchange
65-69	Male(n=24)	91.7	62.5	75.0	29.2	25.0	12.5
	Female(n=36)	92.7	80.6	80.6	33.3	33.3	27.8
70-74	Male(n=16)	100.0	93.8	81.3	25.0	37.5	12.5
	Female(n=25)	92.0	84.0	92.0	16.0	24.0	4.0
75-79	Male(n=19)	94.7	57.9	89.5	26.3	31.6	15.8
	Female(n=29)	93.1	86.2	96.6	20.7	37.9	10.3
80≤	Male(n=19)	100.0	89.5	94.7	31.6	52.6	21.1
	Female(n=39)	96.4	79.5	92.3	46.2	46.2	33.3
Total	Male(n=78)	96.2	74.4	84.6	28.2	35.9	15.4
	Female(n=129)	93.8	82.2	89.9	31.0	36.4	20.9

Table 8. Rates of help required bed ridden patients by cause of diseases

unit: %

Disease	Item					
	Bathing	Dressing	Toileting	Mobility in indoors	Feeding	Posture exchange
Cerebrovascular disease(n=53)	100.0	84.9	86.8	45.3	45.3	30.2
Hypertension · arteriosclerosis (n=83)	94.0	81.9	89.2	28.9	28.9	12.0
Respiratory disease(n=44)	95.5	75.0	88.6	27.3	38.6	9.1
Heart disease(n=55)	90.9	81.8	85.5	23.6	36.4	14.5
Lumbago · neuralgia · spinal disease(n=50)	94.0	80.0	92.0	30.0	38.0	26.0
Rheumatism · arthritis(n=74)	93.2	75.7	85.1	20.3	18.9	12.2
Diabetes mellitus(n=171)	91.5	76.1	97.2	25.4	43.7	12.7
Senility(n=74)	91.9	81.1	95.9	33.8	44.6	27.0
Malignant neoplasm(n=9)	100.0	88.9	88.9	11.1	66.7	11.1
Accidents(n=7)	100.0	71.4	100.0	57.1	42.9	28.6
Total	95.1	79.7	90.9	30.3	40.4	18.4

가 2000

가 가 , 2001

가 가 가 가 , 2001

가 , 2000

가 , 2002

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