

2001 6



가

, 가

.	.....	1
	.....	1
.	.....	4
1.	.....	4
2.	.....	5
3.	.....	6
4.	.....	7
.	.....	8
.	.....	15
.	.....	19
	.....	21
ABSTRACT	.....	29

< 1>	.....	5
< 2>	.....	10
< 3>	.....	10
< 4>	.....	11
< 5>	.....	12
< 6>	.....	12

< 1>	.....	8
< 2>	.....	13
< 3>	.....	13

1990

,

.

1990 1 2001 2
16 (8 , 8)
가 5178 ,

1895 . ,

.

- 1. 5178
3484 (67.2%) , 1694 (32.8%) ,
1894 1540 (81.3%) ,
355 (18.7%) .
4.3 2.1 .
- 2. 10 (6 , 4) .
가 1 : 0.71
1 : 0.83 , , 가 1: 1.01
1: 1.12 , 가 가

3. 8 (3 , 5)
. 1107 60
765 (69.1%), 263 49 34 (13.0%)
, 1364 60
860 (63.1%), 700 49 179 (25.5%)
.
60 69.1%
63.1% , 49 가
25.5% 13.0% .
가 ,
, , 가 .
60 ,
49
.
: , , , , ,

•

2000

가

(, 2000).

,

11- 19%

(Kunitz et al., 1984).

25- 30%

(Shimamoto et al., 1989),

(Chang et al., 1995).

1960

57.6%

, 1970

53.5%

(, 1991).

가 1980

51.1%

(, 1989), 12

49.5% (, 1991)

,

•

, ,

, 1990

, ,

,

,

,

.

•

1.

1990 1 2001 2 44
 . 26 10 16
 , 17 1 16
 , . 가 1 .
 16 (8 , 8
) 8 5178 (2) 8
 1895 (3)
 .
 10 (6 , 4) 6
 3493 (1) 4
 939 (1) .
 8 (3 , 5) 3
 1364 (1) 5
 1107 0(1) .

< 1> (1990)

	()	(%)	()
, 1994*	229	45.9	58.5
, 2000	767	59.3	48.8
, 1996*	1096	57.6	60.7
, 1998	532	59.2	59.6
, 1999*	1048	63.5	55.8
, 1998*	113	62.3	62.8
, 2000*	1138	62.0	54.8
, 1999*	255	60.2	49.8
, 1995*	159	64.1	49.1
, 1998	247	62.1	52.9
, 1999	432	64.0	50.1
, 2000	228	66.5	45.3
, 1997*	52	60.6	63.5
, 2001*	677	68.6	53.5
, 2000*	51	63.4	45.1
, 2000	51	70.1	43.1

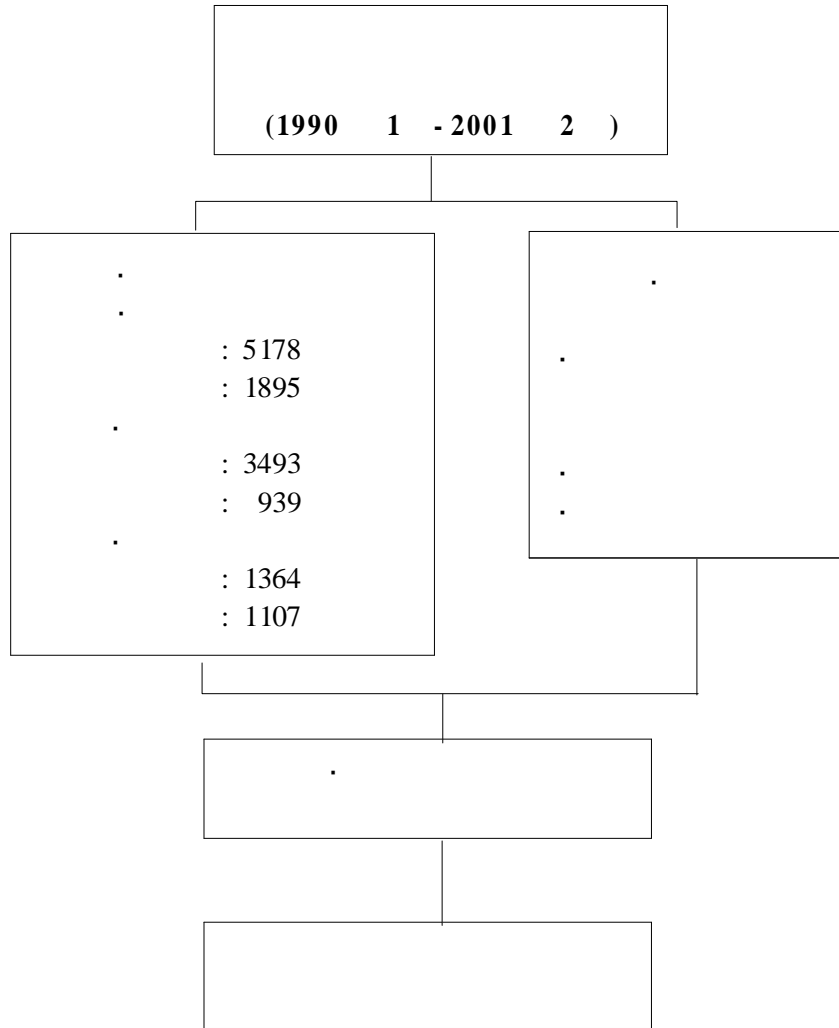
*

2.

1990 1 2001 2 ,

,

(1).



< 1. >

•

1.

16 8 , 8 .
 , 51- 1138
 , 45.9- 70.1% .
 43.2- 63.5 . 16
 1990 , 1990
 .

8 , 8 .
 6 , 4 . 3 ,
 5 (1).

2.

5178 , 1895
 . 1990 3485 (67.2%)
 1694 (32.8%) ,
 2.1 (2). 1540 (81.3%)
 355 (18.7%) ,
 4.3 (3). ,

가 4.3

2.1

< 2>		(1990)			
		(%)			
(,)		(%)	(%)	/	
90-91(2)	229	98(42.8)	131(57.2)	0.7	
91-96(6)	767	352(45.9)	415(54.1)	0.9	
92(1)	491	282(57.4)	209(42.6)	1.4	
92-96(5)	532	342(64.3)	190(35.7)	1.8	
93-98(6)	1048	937(89.4)	111(10.6)	8.4	
94(1)	605	383(63.3)	222(36.7)	1.7	
97(3)	113	96(85.0)	17(15.0)	5.6	
98(1)	1138	883(77.6)	255(22.4)	3.7	
98(1)	255	111(43.5)	144(56.5)	0.8	
		5178(100)	3484(67.2)	1694(32.8)	2.1

< 3>		(1990)			
		(%)			
(,)		(%)	(%)	/	
94(1)	158	118(74.7)	40(25.3)	3.0	
97(1)	247	204(82.6)	43(17.4)	4.7	
99(1)	430	353(82.1)	77(17.9)	4.6	
98-99(2)	228	199(87.3)	29(12.7)	6.9	
97(4)	52	44(84.7)	8(15.3)	5.5	
99(1)	677	555(82.0)	122(18.0)	4.5	
99(20)	51	38(74.5)	13(25.5)	2.9	
2000(6)	51	29(56.9)	22(43.1)	1.3	
		1895(100)	1540(81.3)	355(18.7)	4.3

3.

3493 , 939
 , 가 1 : 0.71 1 : 0.83
 , 가 1: 1.01 1: 1.12
 , 가 가 (4).

< 4> (1990)

	(%)	(%)
	(%)	(%)
1451(58.0)	493(49.7)	
1050(42.0)	499(50.3)	
1501(100)	992(100)	
417(55.2)	86(47.0)	
339(44.8)	97(53.0)	
756(100)	183(100)	

4.

가 1364 60 (458 : 33.6%)가 가 ,
 70 (402 : 29.5%), 50 (322 : 23.6%)
 1107 60 (389 : 35.1%), 70 (376 : 34.0%), 50 (238 : 21.5%)
 , 60 69,1%

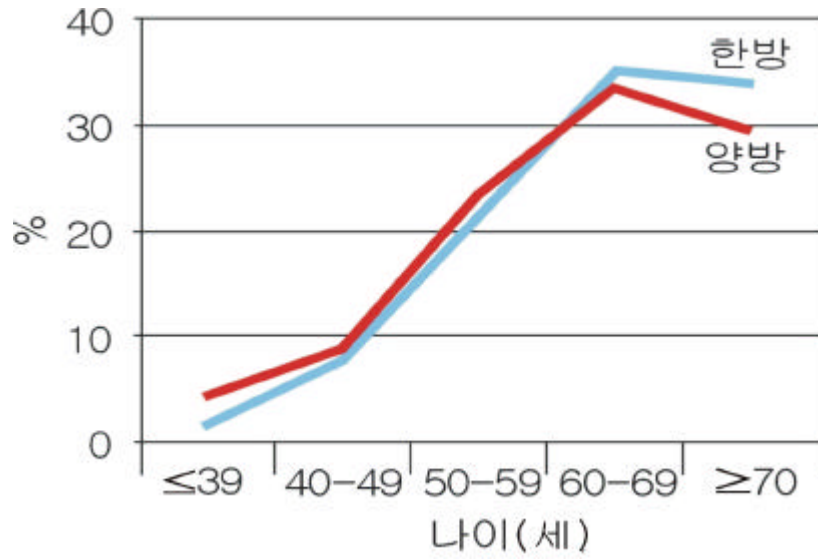
63.1% (5, 2).
 700 50 (215 :
 30.7%), 60 (209 : 29.9%) 40 (102 : 14.5%), 70 (97 : 13.9%) 30
 (77 : 11.0%) . 263 50
 (84: 31.9%), 60 (84: 31.9%), 70 (61: 23.2%) 40 (25 : 9.5%), 30
 (9: 3.5%) . 49
 25.5% 13.0% (6,
 3).

< 5> (1990) (%)

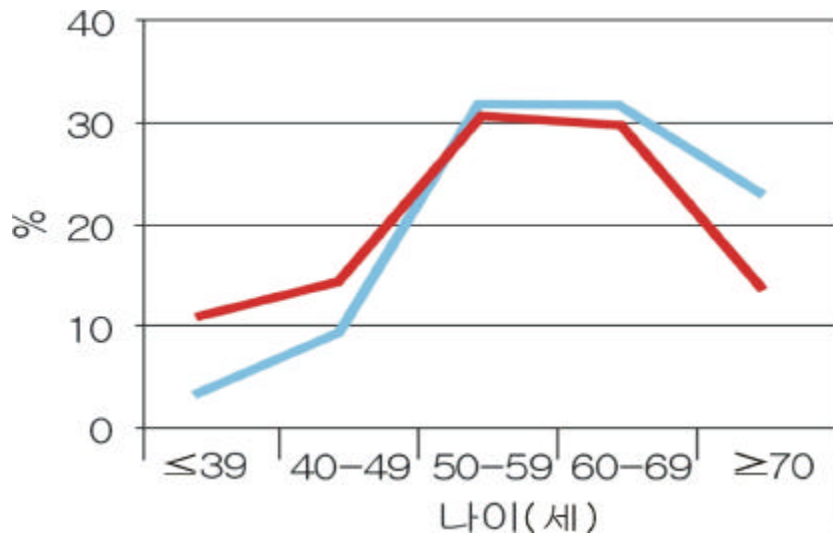
39	40-49	50-59	60-69	70	
60(4.4)	122(8.9)	322(23.6)	458(33.6)	402(29.5)	1364
19(1.7)	85(7.7)	238(21.5)	389(35.1)	376(34.0)	1107

< 6> (1990)

39	40-49	50-59	60-69	70	
77(11)	102(14.5)	215(30.7)	209(29.9)	97(13.9)	700
9(3.5)	25(9.5)	84(31.9)	84(31.9)	61(23.2)	263



< 2>.



< 3>.

•

1990 1990 1
2001 2 ,
5178 1895
, 가 3493 939 , 가
1364 1107 .
16 (8 , 8) 가 10 (6 , 4),
가 8 (3 , 5) .
5178
3484 (67.2%) 1694 (32.8%)
, 1895 1540 (81.3%)
355 (18.7%) .
4.3 2.1 .
, 가 1 :
0.71 1 : 0.83 , , 가 1:
1.01 1: 1.12 , 가 가
. 1107 60

765 (69.1%), 263 49 34 (13.0%) ,
 (63.1%), 700 49 1364 60 860
 179 (25.5%) .
 60 69.1%

63.1% , 49
 25.5% 13.0% .

가 ,
 , 가 . 60

49 .
 1990 67.2%
 32.8% (, 1989:
 , 1991)

(, 1992; , 1991; , 1998).

가 가

가

(, 1995).

81.3% 18.7%

, (, 1991)
 (76.0%) (23.9%)

가 4.3 2.1

, 60 가
 가
 (, 1997).

가
 (, 2000),
 가 가 1

,
 1990 60 가
 가 70 , 50 . 60
 69.5% 63.1% .
 1990 50 60 40 50 , 60 , 70
 60 , 70 가 . 40
 25.5% 13.0% 2 가 .

, (, 1997),

가 1 .

, 60
, 49

가 ,

1995 ,
(, 1999)가 .

, , ,
, 가 ,
가

(, 2000)가
가 , 가 .
1990 (, 1994;
, 2000; , 1999)

가 ,
가 ,
가 ,
1990 1 ,

가 ,
가 ,

가

1990

가 ,
가 ,
가 ,
가 ,

•

1990 1 2001 2
 16 (8 , 8) .
 가 5178 ,
 1895 . 가 10 (6
 , 4) , 3493 , 939 ,
 가 8 (3 , 5) , 1364 , 1107

5178
 3484 (67.2%) , 1694 (32.8%) ,
 1894 1540 (81.3%) ,
 355 (18.7%) .
 가 4.3 2.1 .

가 1 :
 0.71, 1 : 0.83 , , 가 1:
 1.01, 1: 1.12 , , 가 가 .

765 (69.1%), 263 49 1107 60
 34 (13.0%) ,
 1364 60 860
 (63.1%), 700 49 179 (25.5%) .
 60 69,1%
 63.1% , 49 가
 25.5% 13.0% .

가 ,
 , 가 .
 60 ,
 49 .

161
1995; 16(2): 17-35.

. J. Korean
Neurosurg. Soc. 1999; 28(April): 509-513

. 1994.

677
2001; 11(1): 45-51.

1982; 11: 163-171

1997: 303-304

가
1991; 12(12): 51-62

, , . . 1991;
7(3): 280-286

, , , .
. 1995; 13(2): 176-176

, , .
. 1999; 32(4): 491-498

, , , . .
. 1989; 7(2): 179-187

. , . .
. 2000.

, , , , , , . 473
. 1999; 8(1): 171-186

. . 1992.

. .

, , . .

. 1993; 14(2): 50-70.

, , , , , .
.

. 2000; 21(2): 203-212.41

. 1990. .

, . . 1989:
12(2): 72-81

, .
. 1999; 9(1): 24-40

, , , . 10
. 1992; 43(5): 637-644

, , , .
. 1988; 6(2): 218-227

, , , , .
. 1991; 12(1): 84-100

, , .
1998; 19(2): 59-74

. 9 . 1994.

, , , . . 1991;
23(1): 33-39

. . 1986; 7(2)

, . 96 . .
1998; 19(1): 85-95

, , , . .
. 2000; 21(3): 583-590

, , . . .
2000; 24(3): 370-374

. Classification of ischemic stroke.

: , 1998; 7,27

1,129
1999; 1(1): 21- 25
1993; 36(3): 285- 291
226
1997: 18(1): 5- 23.
1991; 9(2): 132- 139
()
1985.
1997.
1991; 34(7): 758- 768
가 1991; 21(4):
671- 675

. . . 1997; 14(2):
35-45

, , . : , ,
, . 1998;
16(5): 609-615

. . . 1997.

. . .
. . . 1999.

, , , . .
. 1998; 22(6): 1159- 1163

, . . .
. 2000; 21(3): 369- 376

, . . .
.

. 1996.

20

. 2000

. 1999

. 2000.

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Circulation. 1989; 79: 503-515

ABSTRACT

**A comparative analysis of stroke patients admitted to
hospitals of Western and Oriental Medicine
by literatures review**

**Jong - Sam Park
Graduate School of
Health Science and
Management
Yonsei University**

(Directed by Professor Il Suh, M.D., PhD)

This study was purposed to compare the information such as subtypes of stroke, sex and age distribution of the two groups of stroke patients who had been admitted to hospitals of Western Medicine(WM) and Oriental Medicine(OM).

We searched 16 Korean literatures(8 from Western Medicine, 8 from Oriental) published from January 1990 to February 2001 by manual search. The number of inpatients that had been reported was 5178 in Western Medical hospitals and 1895 in Oriental Medical hospitals.

Information on samples including study design, particular characteristics (gender, age) and subtypes of stroke were abstracted by reviewers using inclusion criteria.

The results were as follows.

1. The number of inpatients who had ischemic stroke in WM was 3478 (67.2%) out of 5178, while that of hemorrhagic stroke was 1694 (32.8%). The number of inpatients who had ischemic stroke in OM was 1540 (81.3%) out of 1894, while that of hemorrhagic stroke was 355 (18.7%). Ischemic stroke-to-hemorrhagic stroke ratios were 2.1 in WM and 4.3 in OM.
2. There were 10 literatures (6 from Western Medicine, 4 from Oriental) which reported the sex distribution of stroke patients. The ratio between men and women in ischemic stroke was 1:0.71 in WM and 1:0.83 in OM, while the ratio in hemorrhagic stroke was 1:1.01 in WM and 1:1.12 in OM, which showed no significant difference in the sex distribution between WM and OM.
3. There were 10 literatures (5 from Western Medicine, 5 from Oriental) which reported the age distribution of stroke patients. Seven hundred sixty five out of 1107 ischemic stroke inpatients of OM were over 60, and 860 out of 1364 in WM were as well. The ischemic stroke in

age distribution disclosed that the proportion of the age 60s and older was higher in OM(69.1%) than WM(63.1%). The number of the inpatients under 49 who had hemorrhagic stroke was 34 out of 263 in OM, and 179 out of 700 in WM. The hemorrhagic stroke in the age distribution disclosed that the proportion of the age 30 to 49 was higher in WM(25.5%) than OM(13.0%).

This results suggest that the patients with ischemic stroke have a tendency to visit oriental medical hospitals more than western ones, which is more likely in the age over 60. And the patients with hemorrhagic stroke tend to visit western medical hospitals more than Oriental ones, which is more likely in the age under 49, in Korea.

Key word: stroke, hemorrhagic stroke, ischemic stroke,
oriental medicine, Korea