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A Study on Hypertension Management of Community Health Practitioner Posts

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= ABSTRACT =

Objectives: The purpose of this study is to provide data for the improvement of hypertension management of community health practitioner posts through the study on hypertension management in community health practitioner posts.

Methods: A questionnaire was mailed to 700 community health practitioners and 205 of them responded during the period from March 13, 2003 to May 13. The survey results were analyzed using SPSS program, version 11.

Results: The results are as follows;

1. There are two major activities in a hypertension prevention project for community: health education and early detection. About 57% of community health care practitioners perform a health education for community people four times a year. The 64.5% of them used the materials for health education provided from a community health center and 22.1% of them performed a post-evaluation.

The main method of early detection of hypertension was measurement of blood pressure of person to visit, which was 96.1%. Other methods included home visiting(89.3%), a referral from community hospitals and other resources(49.1%), health promotion events(39.5%), and a review of medical records(35.7%).

2. For the registration and management of patients with hypertension, about 36% of community health centers used a special form and more than 50% of them have registered patients who were managed by other health care institutions in the community. A computerized program was used for the management of patients with hypertension in 68.5% of them. More than 60% of them responded that it was used for report, treatment, and follow-up of patients with hypertension.

KEY WORDS: Hypertension management, Community health practitioner posts

가 .

Yoo[14]

10-20%가

1998

27.5% [1] 1970 1 가 , 50%

10 [2]. ,

1990 1

1999 . . 가

1 . 2001

[3]. 2 3 [15, 16].

가 가 .

[4-6]. 30-60% 가 가가

, .

3

[7].

가 .

, .

,

[8]. 'rule of halves'가 1,849

가 가 700

가 , 3 .

1 : 2001 7 1 1,849

20% , 가 , 6 68 (3.7%), 53

65% 가 687 (37.2%), 83 1,094

. (59.2%)가 .

2 : 700

,

[9-11]. 26 , 260 , 414

700 .

[12]. Ha [13] 3 : 700

24.9%, 30.4%

3

205 (30%) 42 27

1993 65 31-40 가

2000 41-50 가 52.5% 가 31-50 가 38.8%

6 92% 1 204 183 (91.5%) 가

가 75% 3

123(61.5%) 가

14 (7.0%) 16-20 가 79 (41.1%) 가 , 11- 15 41 (21.4%) 11

20 가 62% , 20 33 (17.2%) (1).

가

2) 10 , (2) . 59

11 , (28.9%), 54 (26.9%), 46

13 (23.5%), 15 (7.4%), 12

12 (5.5%), 11 (5.4%), 6

6 (2.9%) 116 (77.3%) , 22 (14.7%)

SPSS/pc+ WIN 10.0 501-1,000 가

88 (44.3%) , 1,001-1,500 가 47 (23.6%) , 500 가 40 (20.1%) 1,500 24 (12%) , 96-5,641 76

4,320 , 501-1,000 105 (53.3%) , 500 가 50 (25.4%), 1,001-1,500 28 (14.2%), 1,501 14 (7.1%)

1. 65

1) 가 25% 가 86 (50.6%) , 26-50%가 79 (46.5%) 가 가 21-40가 가 65 (33.7%), 20 가 가 52 (26.9%)

2.

N=205

		(%)	± (-)
		11(5.4)	
		12(5.5)	
		15(7.4)	
	.	59(28.9)	
	.	54(26.9)	
	.	46(23.5)	
		6(2.9)	
		116(77.3)	
		22(14.7)	
		12(8)	
	500	40(20.1)	
	501- 1,000	88(44.3)	974.5±676.1
	1,001- 1,500	47(23.6)	(96- 5,641)
	1,501- 2,000	12(6.0)	
	2,001	12(6.0)	
	500	50(25.4)	
	501- 1,000	105(53.3)	831.9±536.3
	1,001- 1,500	28(14.2)	(76- 4,320)
	1,501- 2,000	6(3.0)	
	2,001	8(4.1)	
(65)	25%	86(50.6)	
	26- 50%	79(46.5)	26.68±9.83
	51- 75%	5(2.9)	
가	20가	52(26.9)	
	21- 40가	65(33.7)	46.0±48.15
	41- 60가	30(15.5)	(3- 422가)
	60가	46(23.8)	
가	20가	95(48.5)	
	21- 40가	67(34.2)	26.5±18.72
	41- 60가	25(12.8)	(2- 110가)
	60가	9(4.6)	
	4	122(59.8)	
	4- 8	53(25.9)	4.1±2.30
	9	29(14.2)	(1- 13)
	5	61(31.8)	
	6- 10	83(43.2)	8.3±5.41
	11- 15	31(16.1)	(0- 33)
	16	17(8.9)	
	3	39(19.1)	
	4- 6	90(44.1)	5.9±2.87
	7- 9	61(29.9)	(1- 21)
	9	14(6.9)	

*

3.

N=205

		(%)	(%)
			±
	25%	107(59.8)	
	26-50%	58(32.4)	25.35±20.33
	51-75%	14(7.8)	
	0-10%	179(90.9)	
	11-20%	18(9.1)	6.08±3.43
가	0-20%	190(92.7)	
	21-40%	13(6.3)	7.89±7.93
	41-60%	2(1.0)	
가	25%	31(18.3)	
	26-50%	82(48.5)	42.42±26.81
	51-75%	56(33.1)	
	25%	36(22.8)	
	26-50%	79(50.0)	42.84±26.81
	51-75%	43(27.2)	
	0-20%	146(71.2)	
	21-40%	49(24.0)	15.62±10.58
	41-60%	10(4.8)	
	.	33(15.7)	
		172(84.3)	
	.	58(27.6)	
	.	147(72.4)	
		19(9.4)	
		88(43.3)	
		80(39.0)	
		16(8.5)	
		155(76.2)	
	.	50(23.8)	
	.	25(12.0)	
		64(31.4)	
		82(40.5)	
		33(16.2)	

*

15.7% , 27.6% . 가 177 (87.2%),
52.7% . 17 (8.4%),
9 (4.4%) .

43.3% , 가 56.6%
. 가 105 (51.7%),
가 76.2%, 가
23.8% . 가 72 (35.5%),
가

2. 26 (12.8%) .
4 가 114
(56.7%) 가 , 35%가 2-3
. 50%

1) . OHP
4

(1) 가
(4) 가
. 42 (22.1) . 가 가
, 가 , 가 .

가 131 (64.5%) . 102 (50.2%)
가 121 60 (29.6%)
(59.6%) 가 ,
77 (37.9%),
가 60 (29.6%) .
65% ,
160 (2)
(79.6%) , , , ,
, , 가 ,
가

가 3 .

4.

N=205

	(%)
	77(37.9)
	60(29.6)
	121(59.6)
	142(70.0)
	133(65.5)
	168(82.8)
	175(86.2)
	73(85.2)
	90(44.6)
	64(31.7)
+	160(79.6)
	27(13.7)
	52(25.7)
	149(74.5)
	70(35.0)
	113(55.9)
	81(40.3)
	99(49.3)
	54(26.9)
	132(65.3)
	62(31.0)
	120(59.4)
	9(4.4)
	17(8.4)
+	177(87.2)

*

4. N=205

	(%)
	105(51.7)
	26(12.8)
+	72(35.5)
4 /	114(56.7)
2-3 /	70(34.8)
1 /	17(8.5)
	77(38.3)
	9(4.5)
+	111(55.2)
	4(2.0)
가	42(22.1)
	148(77.9)
	159(83.6)
	13(6.8)
	57(26.3)
	15(7.9)
	131(64.5)
	40(19.7)
	102(50.2)
	60(29.6)
	30(14.9)

*

2)

가 35%

40%,

96%가

, 가 89.3% , (1)

가

45%

49% (5).

5.

N=205

		(%)
		65(35.7)
		140(68.3)
		81(39.5)
		124(60.5)
		197(96.1)
		8(3.9)
가		183(89.3)
		22(10.7)
	가	92(45.3)
		111(54.7)
		99(49.1)
		103(50.9)

*

가 . 가 27.5% , 가 35.2%, 34.8%

, 가 (6). 68.5%

31.5% . 60%

가 58.5%

가 35.6% . 가 53.5%

가 22.0%, 가 11.0%

가 53.7% , 가 26.2%

(1, 2, 3) 가 22.4%, 가가 가 52.5%,

15.1%, 가 15.8%

() 29.3%,

8.8% . 가 35.4%

6.		N=205
		(%)
		120(58.5)
		73(35.6)
		12(5.9)
		43(22.4)
	(1, 2, 3)	
	()	18(8.8)
		31(15.1)
	()	110(53.7)
		56(27.5)
		72(35.2)
		71(34.8)
		62(31.5)
		135(68.5)
	()	15(10.6)
		90(63.8)
		97(68.8)
		44(22.0)
		107(53.5)
		22(11.0)
		23(11.5)
		48(26.2)
	가 가	29(15.8)
	()	96(52.5)
		10(5.5)
		58(29.3)
		70(35.4)
		70(35.4)

*

(2)

가
 가 95%
 7% 가
 가 56.6%, 가 38%,
 가 3.9%
 45.2%가
 24.6%
 73%가 가
 53.4%, 1.7% (7).

7.

	(%)
가	127(73.0)
	93(53.4)
	3(1.7)

*

(3)

가 ()
 가 70.7%
 가 ()
 가 28.9%,
 1 가 (8).

8.

	(%)
	142(70.7)
가 ()	58(28.9)
	1(0.5)

Sim[8]
 30-39 가 58.1% 가
 30 가 30%, 20 가
 , Lee[17]
 20.4%, 50 가 7.7%
 40 가 52.5% 가 , 30 38.8%, 50 5.9%
 가
 10 6
 Lee
 Lee 86.7%, 13.4% ,
 91.5%, 6.5%
 , 1998 가

Lee
 3 가 82%, 4 가 3.6%, 가 14.3%
 3 61.5%, 4 28.5%, 3.0%
 7.0%

Lee 43-63
 28.7%, 23-43 22%, 64-83 20%, 104
 1% , Sim 132-180
 50.5% 192-240
 41.1%, 132-180 21.4%, 72-120 14.0%, 252
 17.2%

Lee[18]
 501-1,000
 46.6% 44.3%, 1001-1500 24.1% 23.6%, 500 가
 14.5%, 20.1%, 1,501-2,000 8.7%, 6.0%, 2,001
 6.1%, 6.0%

Lee
 501-1,000 51.0% 53.3%, 500 가 21.1%,
 25.4%, 1,001-1,500 17.5%, 14.2%, 1,501-2,000
 6.7%, 3.0%, 2,001 3.8%, 4.1%
 가 . 65

Lee 25.6%, Kim[19] ,
 23.2% , 26.7% 1/4
 Lee 가 41가 ,
 38.5% 21-40가 33.6%, 20가 가 39%-47% .
 27.9% . 39.3%, 33.7%, 26.9% 41 .
 가 가 .
 Lee 4 69% ,
 가 54.7%, 5-8 가 37.9%, 9 7.4% 가 44.5%
 , 59.8%, 25.9%, 14.2% . 가
 Lee[17] 4-6 가 49.3%, 9 55.3%가
 7-9 28.2% , 4-6 44.1%, 152
 7-9 29.9% 10 , 가
 Lee 가 가 가
 61.9%, 가 20.1% 가 . 가
 12.0% , 가가
 53%,
 가 47.5% . 가 20.5%
 가
 10
 가 , , 가
 Lee Jin[20]
 . Lee Jin[20] 242 가가 .
 143 . 가
 , ,
 .
 가 .

83.6%가 .
가 64.5% .
가 22.1% .
96.1%가 , 89.3% 가
, 49.1%
13 가 2003 3 13 5 , 205 .
, 42 , 39.5% ,
11 20 가 62% 20 , 35.7% .
17.2% .
3 61.3% 7.0% . 35.6% , 50%
, 77.3%, 14.7% , 가 34.8%
501-1,000 44.3% , 501-1,000
53.3% . 65 26.7% 68.5% ,
, 4 , 60%
6 . 10.6% .
, 25.4%, 가 가 22% ,
가 42.4%, 가 26.2% .
, 64.7%
15.6% . 95%
15.7% , , 7% 가
52.7% .
76.2% . 가 30% ,
43.4%, 56.7% . 70.7% .
, 가 50% , 1 4 가
56.7% ,

1.
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