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Utilization Pattern and Perception and Attitude of Rural Residents towards Primary Health Post

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= A B S T R A C T =

In order to ascertain the utilization patterns and Perception and attitudes of Primary Health Post(PHP) by rural residents in farm areas, a survey was conducted of 753 households(1,803 persons) in 24 PHPs in Sangju-si, Gyeongsangbuk-do, from December 10, 2000 to January 15, 2001.

The morbidity rate of acute illnesses for last two weeks for all households was 29.6%, and the rate of use of medical facilities to treat acute illness was 98.3%. The morbidity rate was highest between the ages of 60 and 69, with a rate of 35.4%. The higher their ages and the lower their educational levels were, the higher the morbidity rate was.

The morbidity rate of chronic illnesses for one year for all households was 19.2%, and the rate of use of medical facilities to treat chronic illness was 92.8%. The elderly over 70 years old had the highest morbidity rate of 37.2%. The higher their ages and the lower their educational levels were, the higher the chronic illnesses rate was.

For the rate of use of medical facilities to treat acute diseases, the use of PHPs was 89.5%, accounting for the majority of the time. However, for chronic diseases, hospitals and clinics were used more often, with a rate of 48.9%, compared to the use of PHPs, 40.2%.

Their previous experiences on the use of PHPs one year before the survey showed that 94.8% used PHPs, 72.2% just visited them, not for the purpose of getting any medical assistance, and 73.3% received health education from PHPs. 98.5% remembered the locations of PHPs, 98.6% thought that PHPs were helpful for their health management, and 84.3% said that PHPs were playing great roles in development of their communities. 97.4% said that they found PHPs necessary. They understood the main job of PHPs as in the order of disease treatment, vaccination and health

counseling. The work that they mostly wanted PHPs to do was health counseling and health management, which 31.6% answered.

88.9% said the examination fee was not expensive, 98.4% said CHPs were kind, and 97.0% said they were satisfied with the services at PHPs. Complaints about PHPs included a lack of a variety of medications, said by 42.9%, and poor facilities, by 15.8%.

According to the above results, it is concluded that local residents on survey were frequently using PHPs due to their geographical and economical conditions. Also, the residents appeared to be satisfied with the services at PHPs, and they had a high demand for public health service as well as disease treatment. Considering the complaints about medications and medical facilities and equipment, active supports are required to manage PHPs in a way it can provide desirable services to the residents in remote villages through the readjustment of PHPs' functions, reinforcement of facilities and equipment and enhancement of CHPs' training.

KEY WORDS: Primary health post, Utilization, Attitude, Perception

(, , , ,) , 1982

1978 9 , /가 ,

2000 가 , , , , , 가, 가 (, 2000).

(, 1980.

12. 31) 가 1981 가 . 1980 가 .

가 가 ,

가 . 65 1990

5.1% 1995 5.9% 가

2000 7.1% (, 2000).

, 가 , 가

1998

25.6% (, 1999). 가 가

가

1998 6.9% (, 1999).

24

1

40가

960가

2001 1 20

2000 12 10

3

(, 1998; , 1998).

가

(, 1990; , 1994; , 가 753가 2000), 가 1 753

(, 1983). , 가 1,803 (, 1991; , 1993; , 1998) , 가 가 1

가 , 9.0% .
 , 가 50.7% 49.3%
 , 가
 2 1 3 , 73.3%
 . 48.1%가 ,
 , 9.7% . 가
 8 , . 1-2 28.4% 가
 5 , 6 , 2-3 27.8%, 3-4 18.7%, 1
 3 , 3 , 12.9% ,
 14 5.8% (1).
 . 가 2
 (, 1997) 29.6% ,
 (98.3% . 가
 , 1995; , 1999) (30.0%, 가 29.3%
 , 1991; , 1993; , 1995) 60-69 가 35.4% 가 50-59 가
 가 34.0%, 40 -49 가 27.2% , 29
 가 18.0% 가 .
 34.7% 가 33.0%,
 30.2%, 15.8%, 5.2%
 가 1,803 854 (47.4%)
 949 (52.6%) 가 . 35.3% 가 16.5% 가
 60-69 가 25.8% 가 50-59 .
 가 18.1%, 70 17.1% , 35.5% 가
 20-29 가 5.0% 가 . 60 25.5% 가
 42.9% 가 45.2% 2-3 36.9%
 40.5% 가 20.5%
 37.7%, 29.4% 5.4% . ,
 17.9% , ,
 39.7% . 67.8%, (p<0.01).
 53.3%가 60.2%가
 . 55.1%가 (2).
 가
 17.9% 61.5%, 49.4%가 3 . 가 1
 19.2%
 26.5% 92.8% .

1.

: (%)

		가					
()							
≤19		96(11.2)	80(8.4)	176(9.8)	1(0.3)	-	1(0.1)
20- 29		57(6.7)	33(3.5)	90(5.0)	4(1.0)	7(1.9)	11(1.5)
30- 39		67(7.8)	93(9.8)	160(8.9)	21(5.5)	37(10.0)	58(7.7)
40- 49		133(15.6)	143(15.1)	276(15.3)	69(18.1)	60(16.2)	129(17.1)
50- 59		155(18.1)	171(18.0)	326(18.1)	98(25.7)	73(19.7)	171(22.7)
60- 69		209(24.5)	257(27.1)	466(25.8)	116(30.4)	121(32.6)	237(31.5)
70≤		137(16.0)	172(18.1)	309(17.1)	73(19.1)	73(19.7)	146(19.4)
		153(17.9)	377(39.7)	530(29.4)	74(29.4)	159(42.9)	233(30.9)
		324(37.9)	355(37.4)	679(37.7)	151(39.5)	15(41.0)	303(40.2)
		198(23.2)	97(10.2)	295(16.4)	107(28.0)	29(7.8)	136(18.1)
		110(12.9)	92(9.7)	202(11.2)	30(7.9)	22(5.9)	52(6.9)
		69(8.1)	28(3.0)	97(5.4)	20(5.2)	9(2.4)	29(3.9)
		579(67.8)	506(53.3)	1,085(60.2)	321(84.0)	231(62.3)	552(73.3)
가		-	204(21.5)	204(11.3)	-	86(23.2)	86(11.4)
		107(12.5)	69(7.3)	176(9.8)	2(0.5)	1(0.3)	3(0.4)
		168(19.7)	170(17.9)	338(18.7)	59(15.5)	53(14.3)	112(14.9)
		525(61.5)	469 (49.4)	994(55.1)	209(54.7)	153(41.2)	362(48.1)
		208(24.4)	279 (29.4)	487(27.0)	110(28.8)	123(33.2)	233(30.9)
		121(14.2)	201 (21.2)	322(17.9)	63(16.5)	95(25.6)	158(21.0)
		80(9.4)	83(8.7)	163(9.0)	43(11.3)	30(8.1)	73(9.7)
2-3	1	264(30.9)	281(29.6)	545(30.2)	133(34.8)	111(29.9)	244(32.4)
		268(31.4)	317(33.4)	585(32.4)	141(36.9)	135(36.4)	276(36.7)
		230(26.9)	247(26.0)	477(26.5)	63(16.5)	93(25.1)	156(20.7)
		12(1.4)	21(2.2)	33(1.8)	2(0.2)	2(0.5)	4(0.5)
	()						
≤1		-	-	-	33(8.6)	64(17.3)	97(12.9)
1 -2		-	-	-	114(29.8)	100(27.0)	214(28.4)
2 -3		-	-	-	113(29.6)	96(25.9)	209(27.8)
3 -4		-	-	-	85(22.3)	56(15.1)	141(18.7)
4 ≤		-	-	-	27(7.1)	21(5.7)	48(6.4)
		-	-	-	10(2.6)	34(9.2)	44(5.8)
		854(100)	949(100)	1,803(100)	382(100)	371(100)	753(100)
		[47.4]	[52.6]	[100]	[50.7]	[49.3]	[100]

2. 가

	()	()	(%)	()	(%)
	854	256	30.0	253	98.8
	949	278	29.3	272	97.8
()					
≤29	266	48	18.0**	48	100.0
30-39	160	37	23.1	35	94.6
40-49	276	75	27.2	74	98.7
50-59	326	111	34.0	108	97.3
60-69	466	165	35.4	163	98.8
70≤	309	98	18.4	97	99.0
	530	184	34.7**	182	98.9
	679	224	33.0	221	98.7
	295	89	30.2	86	96.6
	202	32	15.8	31	96.9
	97	5	5.2	5	100.0
	1,085	383	35.3**	378	98.7
가	204	53	25.4	51	96.2
	176	29	16.5	29	100.0
	338	69	20.7	67	97.1
	994	253	25.5**	249	98.4
	487	173	35.5	169	97.7
	322	108	33.5	107	99.1
	163	46	28.2**	41	89.1**
2-3	545	201	36.9	200	99.5
	585	183	31.3	182	99.5
	477	98	20.5	96	98.0
	33	6	18.2	6	100.0
	1,803	534	29.6	525	98.3

** p<0.01.

3. 가

		()	()	(%)	()	(%)
		854	150	17.6	142	94.7
		949	196	20.7	179	91.3
	()					
	≤29	266	4	1.5**	3	75.0
	30-39	160	11	6.9	11	100.0
	40-49	276	32	11.6	30	93.8
	50-59	326	66	20.2	62	93.9
	60-69	466	118	25.3	106	89.8
	70≤	309	115	37.2	109	94.8
		530	164	30.9**	148	90.2
		679	132	19.4	126	95.5
		295	33	11.2	31	93.9
		202	15	7.4	14	93.3
		97	2	2.1	2	100.0
		1,085	215	19.8**	205	95.3*
	가	204	48	23.0	43	89.6
		176	2	1.1	1	50.0
		338	81	24.3	72	88.9
		994	59	5.9**	57	96.6
		487	100	20.5	89	89.0
		322	187	58.1	175	93.6
		163	43	26.4**	42	97.7*
2-3	1	545	90	16.5	87	96.7
		585	160	27.4	147	91.9
		477	53	11.1	45	84.9
		33	-	-	-	-
		1,803	346	19.2	321	92.8

* p<0.05, ** p<0.01.

가 17.6%, 가 20.7% , 4. 가 .
 70 37.2%, 60-69 25.3%,
 50-59 20.2%, 29 1.5%

30.9%, 19.4%
 7.4%, 2.1%
 58.1% 5.9%
 27.4%, 26.4%
 11.1%

(p<0.01).

가 (p<0.05), , , 70
 가 . 98.6% 가 , 29 가
 72.8% 가
 89.5% .
 5.0%, 2.1% (p<0.01).
 0.4% . 40-49 76.7% 가 29
 40.2% . 37.4%, . 가 54.3% 가 .
 11.5% . 48.9% 70 79.5% 가 60-69
 , 2.5%, 1.2%, 74.7%, 50-59 73.1% 29
 1.2% (4). 가 45.2% 가

1
 94.8% 1 가 (p<0.01)(6).
 , 가 96.8% 가 10 40.9% 가
 92.9% (p<0.05). 1 5-9 가 23.5%, 2-4 가 27.2% .
 , 72.2%가 1 4
 73.3%가 34.0%, 2 28.3%, 1
 1 1 24.6% .
 가 75.2% 71.5% 1 가 37.0% 2 가 32.6% 4
 (5). 19.9% (7).

	(n=525)	(n=321)
·	7(1.3)	120(37.4)
·	26(5.0)	37(11.5)
	3(0.6)	19(5.9)
	2(0.4)	8(2.5)
	11(2.1)	4(1.2)
	470(89.5)	129(40.2)
	6(1.1)	4(1.2)

5.

()*	355(92.9)	359(96.8)	714(94.8)
	27(7.1)	12(3.2)	39(5.2)
()	271(70.9)	273(73.6)	544(72.2)
	111(29.1)	98(26.4)	209(27.8)
()	273(71.5)	279(75.2)	552(73.3)
	109(28.5)	92(24.8)	201(26.7)
	382(100)	371(100)	753(100)

* p<0.05.

6.

: %

	29 (12)	30- 39 (58)	40- 49 (129)	50- 59 (171)	60- 69 (237)	70 (146)	(763)
()**	72.8	89.7	93.8	95.9	94.5	98.6	94.8
	27.2	10.3	6.2	4.1	5.5	1.4	5.2
()	54.3	69.0	76.7	73.7	71.7	70.5	72.2
	45.7	31.0	23.3	26.3	28.3	29.5	27.8
()**	45.2	56.9	74.4	73.1	74.7	79.5	73.3
	54.8	43.1	25.6	26.9	25.3	20.5	26.7

** p<0.01.

7. D : (%)

()			
1	34(9.6)	26(7.2)	60(8.4)
2-4	106(29.9)	88(24.5)	194(27.2)
5-9	80(22.5)	88(24.5)	168(23.5)
10≤	135(38.0)	155(43.7)	292(40.9)
	355(100)	359(100)	714(100)

() ^D			
1	63(23.2)	71(26.0)	134(24.6)
2	78(28.8)	76(27.8)	154(28.3)
3	40(14.8)	31(11.4)	71(13.1)
4≤	90(33.2)	95(34.8)	185(34.0)
	271(100)	273(100)	544(100)

()			
1	103(37.7)	101(36.2)	204(37.0)
2	85(31.1)	95(34.1)	180(32.6)
3	27(9.9)	31(11.1)	58(10.5)
4≤	58(21.2)	52(18.6)	110(19.9)
	273(100)	279(100)	552(100)

: 1) 1 .

98.5%가
 1.5%가
 49.8%가
 14.1%
 가 74.0%, 가 24.6%
 84.3%가

86.9%가
 가
 30.1%,
 18.5%, 14.5%
 가 31.6%
 가
 (8).

8.

: (%)

	374(97.9)	368(99.2)	742(98.5)
	8(2.1)	3(0.8)	11(1.5)
	192(50.3)	183(49.3)	375(49.8)
	60(15.7)	51(13.7)	111(14.7)
	49(12.8)	57(15.4)	106(14.1)
	49(12.8)	36(9.7)	85(11.3)
()	1(0.3)	-	1(0.1)
	31(8.1)	44(11.3)	75(9.7)
*			
	272(71.2)	285(76.8)	557(74.0)
	100(26.2)	85(22.9)	185(24.6)
	10(2.6)	1(0.3)	11(1.5)
**			
	304(79.6)	331(89.2)	635(84.3)
	70(18.3)	37(10.0)	107(14.2)
	8(2.1)	3(0.8)	11(1.5)
*			
	323(84.6)	331(89.2)	654(86.9)
	43(11.3)	36(9.7)	79(10.5)
	16(4.2)	4(1.1)	20(2.7)
.			
	122(31.9)	116(31.3)	238(31.6)
	131(34.3)	96(25.9)	227(30.1)
	60(15.7)	79(21.3)	139(18.5)
	47(12.3)	62(16.7)	109(14.5)
	10(2.6)	12(3.2)	22(2.9)
	5(1.3)	5(1.3)	10(1.3)
	7(1.8)	1(0.3)	8(1.1)
	382(100)	371(100)	753(100)

* p<0.05, ** p<0.01.

(p<0.05),

가 59.7% 39 가 58.6%, 40-59 , 60
 가 60 40.5% , 60
 가 (p<0.01). (p<0.01)(9).

9.

: (%)

	39	40-59	60	
	68(97.1)	292(97.3)	382(99.7)	742(98.5)
	2(2.9)	8(2.7)	1(0.3)	11(1.5)
**	41(58.6)	179(59.7)	155(40.5)	375(49.8)
	5(7.1)	41(13.7)	65(17.0)	111(14.7)
	7(10.0)	30(10.0)	71(18.5)	106(14.1)
	13(18.6)	31(10.3)	41(10.7)	85(11.3)
	-	1(0.3)	-	1(0.1)
()	4(5.7)	18(6.0)	51(13.3)	75(9.7)
*	44(62.9)	217(72.3)	296(77.3)	557(74.0)
	23(32.9)	77(25.7)	85(22.2)	185(24.6)
	3(4.2)	6(2.0)	2(0.5)	11(1.5)
	55(78.6)	243(81.0)	337(88.0)	635(84.3)
	13(18.6)	49(16.3)	45(11.7)	107(14.2)
*	2(2.9)	8(2.7)	1(0.3)	11(1.5)
	57(81.4)	246(82.0)	351(91.6)	654(86.9)
	10(14.3)	42(14.0)	27(7.1)	79(10.5)
	3(4.3)	12(4.0)	5(1.3)	20(2.7)
**	29(41.4)	115(38.3)	94(24.5)	238(31.6)
,	19(27.1)	104(35.3)	102(26.6)	227(30.1)
	14(20.0)	49(16.3)	76(19.8)	139(18.5)
	4(5.7)	17(5.7)	88(23.0)	109(14.5)
	3(4.3)	8(2.7)	11(2.9)	22(2.9)
	1(1.4)	4(1.3)	5(1.3)	10(1.3)
	-	1(0.3)	7(1.8)	8(1.1)
	68(100)	292(100)	382(100)	753(100)

* p<0.05, ** p<0.01.

가
 3가
 가 82.6%, 64.4%, 57.1% 가 (, 1988; , 1992).

가 , 가 1981 1985
 1640 , 1995 2,039
 가 1997
 , 가
 (10). 1998 1941 , 1999 1911
 (, 2000)

88.9%가
 0.3%
 가
 98.4%가
 96.8% 가 가 42.9% 가
 가 15.8% 가
 32.5% (1999) 60 42.9%
 , (1999) 41.5%

가 , 17.3%, 26.6%
 (11). , 8.9%, 22.5%
 (, 1995)
 . 가 20-29
 5.0% 20.9%(, 1995)

(WHO) 1978 9

“ 2000 가 가
 ”
 가 (primary medical care)
 , 가
 , 가 29.6% (1999) 23.4%,
 (1999) 23.3%

10. () : %

	(n=382)	(n=371)	39 (n=70)	40-59 (n=300)	60 (n=383)	(753)
	79.8	85.4	70.0	77.7	88.8	82.6
	65.2	63.6	57.1	64.3	65.8	64.4
	57.9	56.3	65.7	56.7	55.9	57.1
	35.9	34.8	44.3	36.7	32.6	35.3
	30.6	29.1	34.3	33.0	26.6	29.9
	11.0	11.1	11.4	13.3	9.1	11.0
	8.1	9.7	8.6	7.0	10.4	8.9
	6.1	5.1	4.3	6.7	5.0	5.6
	3.9	3.5	1.4	2.3	5.2	3.7
가	1.6	1.3	2.9	2.3	0.5	1.5

11. , : %

	(355)	(359)	39 (61)	40-59 (285)	60 (368)	(714)
	88.7	89.1	95.1	88.1	88.6	88.9
	11.0	10.6	4.9	11.9	10.9	10.8
	0.3	0.3	-	-	0.5	0.3
	62.8	64.9	50.8	60.0	69.0	63.9
	34.6	34.3	44.3	37.5	30.4	34.5
	2.5	0.8	4.9	2.5	0.5	1.7
	49.9	51.5	49.2	48.1	53.0	50.7
	46.2	46.0	42.6	47.7	45.4	46.1
	3.9	2.5	8.2	4.2	1.6	3.2
가	38.9	46.8	50.8	44.6	40.2	42.9
	18.0	13.6	13.1	17.9	14.7	15.8
	1.1	0.6	6.6	3.9	-	0.8
	6.5	9.5	1.6	1.8	11.4	8.0
	25.5	31.8	27.9	31.9	33.7	32.5

* p<0.05.

1998

21.7% 19.8% (,

1999)

60-69 가 35.4% 가 ,

48.9% 가

40.2%

가

57.0%가 , 2.9%가

가 , 40.2%가

가

19.2% ,

(1995) 25.5% (1996) 33.6%

94.8%

, 1998 (가 ,

, 1999) 56.0% 72.2%가

(22.3%) (17.0%) (가

73.3% 가

26.7%

16.7% 19.2%가

가

20%

가 89.5%

가 , 63%

(1999) 90.6% 가

가

98.5%

(1996)

(, 1999) 84.0%

15.2%

49.8%

14.1%

가

가

가

98.6%

가

84.3%가

1980

86.9%가

10.5%

가

가

가 31.6% 가
가

가

18.5%

가

60

가

60

가

가

가

0.3%

900

3,200

12 10 2001 1 15 가 15.8% .

24 753가

(가 1,803) .

가 2 98.3%

29.6% 60-69 가 35.4% 가

가 1 92.8%

19.2% 70 37.2%

가 , ,

89.5% ,

40.2% . 1. .

48.9% . 1988; 5(1): 1-7

1 2. . -21

94.8%

72.2% , 73.3% 가 1998, 29-56

98.5%가 3. .

98.6%, , 1999, 1-48

84.3%가 , 4. . , , , , , ,

97.4%가 1997, 131-141

5. , , , , , , ,

가 2000; 25(2): 353-377

가 31.6% 가 6. . 1999

7. . 98 . 1999,

126

88.9%가 8. . 2000

98.4%가 9. .

97.0% . 1998, 252-253

가 가 42.9% 가 10. .

18

2000; 40: 44-53

11.

, 1996

12.

, 1996

13.

24(3): 328-338

14.

1995; 20(1): 51-60

15.

1987; 20(2): 287-300

16.

, 1993

17.

1990; 33(12): 139-156

18.

, 1996

19.

, 1991

20.

1

, 1992,

163-262

21.

1983

22.

1999; 9(2): 40-54

23.

. 1995

24.

가

1994; 24(4): 568-

583

25.

1993; 18(1): 77-91