

국민학교 학도의 구강보건 관리 및 지식에 대한 실태조사 연구

원광보건 전문대학 치과기공과

Abstract

The survey of actual condition of Pupils ' care and knowledge of dental hygiene -Centering the rural area around Boosan - kun Chollabuk-do-

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The survey, which was examined analysed of the knowledge level and the actual condition of care for dental hygiene and the situation of dental remedy, surveying over 1974 pupils of eight elementary schools, especially the 4th, the 5th and the 6th school year, came to a conclusion as follows ;

1. The knowledge level of the pupils ' dental hygiene was generally low but considerably high in upper school year.
2. The rate of the boys who brushed their teeth every day was 61.8% among the boys, 68.5% among the girls. And the rate that they brushed their teeth before breakfast was yet 18.4%.
3. 45.1% fo the boys and 60.4% of the gils used vertical technic using their toothbrush.
4. The rate of the boys who have ever suffered from toothache was 65.3%, that of the gils was 64.0%. And the eate of the boys who admitted to the remedy was 69.9%, that of the girls was 77.8%.
5. The rate of the boys who experienced the dental remedy was 43.0%, theat of the girls was 45.9%. In the place of the reneyd, 46.4% of the boys and 45.7% of the girls cured at the Private Dental Clinic, 26.9% of the boys and 28.6% fo the girls cured a Public Health Center.
6. The rate of the bous who had their teeth treated soon after dentist 's advice was 34.4% that of the girls was 35.0%. 11.7% fo the boys and 12.1% of the girls who would not have their teeth treated thought it was not just a serious disese.
7. 72.6% of the boys and 73.2% of the girls understood the notion of dental caries, and 96.4% of the boys and 97.3% of the girls understood the notion of the food makes a tooth decayed.
8. 54.3% of the boys and 47.5% of the girls knew the periodontal disease, and 18.3% of the boys and 17.0% of the girls knew the reason of the periodontal disease.

9. 86.0% of the boys and 86.7% fo the girls recognized that the prevention against dental carise and periodontal disease should be taken.

10. 31.7% of the boys and 28.5% of the girls have experienced the prevention against dental caries and periodontal disease.

목 차

87.22%

66.16%

Young

1)

2)

David G.Ryans

가

. Chester

I. 서 론

10

1960

가

가

가

가

8

II. 조사대상 및 방법

1) 조사대상

가

8

4,5,6

1,000

974

가

1

1.

COUNT ROW COL TOT	PCT PCT PCT	Male				Female				학교별 인원및 백분율
		4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL	
1. 대촌국교		14	13	16	43	16	14	22	52	95
		32.6	30.2	37.2	9.0	30.8	26.9	42.3	10.5	9.8
		11.6	9.0	7.5		11.6	10.9	9.6		
		2.9	2.7	3.3		3.2	2.8	4.4		
2. 수월국교		11	16	22	49	16	14	15	45	94
		22.4	32.7	44.9	10.2	35.6	31.1	33.3	9.1	9.7
		9.1	11.1	10.3		11.6	10.9	6.6		
		2.3	3.3	4.6		3.2	2.8	3.0		
3. 주산국교		22	26	25	73	30	25	26	81	154
		30.1	35.6	34.2	15.2	37.0	30.9	32.1	16.4	15.8
		18.2	18.1	11.7		21.7	19.5	11.4		
		4.6	5.4	5.2		6.1	5.1	5.3		
4. 백산국교		43	34	19	96	42	25	36	103	199
		44.8	35.4	19.8	20.0	40.8	24.3	35.0	20.8	20.4
		35.5	23.6	8.9		30.4	19.5	15.7		
		9.0	7.1	4.0		8.5	5.1	7.3		
5. 죽산국교		0	0	78	78	0	0	69	69	147
		0.0	0.0	100.0	16.3	0.0	0.0	100.0	13.9	15.1
		0.0	0.0	36.4		0.0	0.0	30.1		
		0.0	0.0	16.3		0.0	0.0	13.9		
6. 성덕국교		0	19	13	32	0	18	20	38	70
		0.0	59.4	40.6	6.7	0.0	47.4	52.6	7.7	7.2
		0.0	13.2	6.1		0.0	14.1	8.7		
		0.0	4.0	2.7		0.0	3.6	4.0		
7. 부안남국교		30	13	32	75	32	13	28	73	148
		40.0	17.3	42.7	15.7	43.8	17.8	38.4	14.7	15.2
		24.8	9.0	15.0		23.2	10.2	12.2		
		6.3	2.7	6.7		6.5	2.6	5.7		
8. 남포국교		1	23	9	33	2	19	13	34	67
		3.0	69.7	27.3	6.9	5.9	55.9	38.2	6.9	6.9
		0.8	16.0	4.2		1.4	14.8	5.7		
		0.2	4.8	1.9		0.4	3.8	2.6		
COLUMN TOTAL		121	144	214	479	138	128	229	495	974
		25.3	30.1	44.7	100.0	27.9	25.9	46.3	100.0	100.0

2) 조사방법

()

가
가

가

(1~2)

(3~5)

6~17) Cobol coding form , SPSS
 PRIUE-750 SYSTEM FREQUENCIES
 CROSSTABLATIONS(2-)
 (Significance level) 0.05

III. 조사결과

가

2 3
 4 5
 2, 5 1, 6 77 4 37 (7.7%), 5 65 (13.6%),
 80 16.7% , 399 83.3%가 6 81 (16.9%) 196 39.6%
 4 4, 5 3, 6
 105 112 22.6% 4
 383 77.4%가 75 (15.7%), 5 75 (15.7%), 6
 122 (25.5%) 272 56.8%

2.
 1: ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW	4년	5년	6년	ROW
				TOTAL				TOTAL
1. 정답자	2 2.5 1.7 0.4	1 1.3 0.7 0.2	77 96.3 36.0 16.1	80名 16.7%	4 3.6 2.9 0.8	3 2.7 2.3 0.6	105 93.8 45.9 21.2	112名 22.6%
2. 오답자	119 29.8 98.3 24.8	143 35.8 99.3 29.9	137 34.3 64.0 28.6	399名 83.3%	134 35.0 97.1 27.1	125 32.6 97.7 25.3	124 32.4 54.1 25.1	383名 77.4%
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
M.F TOTAL PCT				49.2				50.8

3.

2:

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
	1. 정답자	16 11.7 13.2 3.3	17 12.4 11.8 3.5	104 75.9 48.6 21.7	137 28.6	21 13.1 15.2 4.2	18 11.3 14.1 3.6	121 75.6 52.8 24.4
2. 오답자	105 30.7 86.8 21.9	127 37.1 88.2 26.5	110 32.2 51.4 23.0	342 71.4	117 34.9 84.8 23.6	110 32.8 85.9 22.2	108 32.2 47.2 21.8	335 67.7
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
M.FTOTALPCT				49.2				50.8

4.

3:

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
	1. 예	73 24.7 60.3 15.2	96 32.4 66.7 20.0	127 42.9 59.3 26.5	296 61.8	74 21.8 53.6 14.9	85 25.1 66.4 17.2	180 53.1 78.6 36.4
2. 아니오	48 26.2 39.7 10.0	48 26.2 33.3 10.0	87 47.5 40.7 18.2	183 38.2	64 41.0 46.4 12.9	43 27.6 33.6 8.7	49 31.4 21.4 9.9	156 31.5
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
M.FTOTALPCT				49.2				50.8

(16.6%), 5
(27.5%) 291

4
73 (14.7%), 6
58.8%

82
136

8 (1.7%), 5
(1.0%)

19
4
(1.0%), 6
4.8%

6 (1.3%), 6
4.0%

8 (1.6%), 5
11 (2.2%)

5
5
24

44 (9.2%), 5 36 (7.5%), 6 12 (2.52%), 5 14 (2.9%), 6 12
 45 (9.4%) 125 26.1% (2.5%) 38 7.9% 4
 4 54 (10.9%), 5 36 10 (2.0%), 5 10 (2.0%), 6
 (7.3%), 6 70 (14.1%) 160 12 (2.4%) 32 6.5%가
 32.3%

4 4

59 (12.3%), 5 69 (12.3%), 6 11 (2.3%), 5 9 (1.9%), 6 17
 100 (20.9%) 228 47.6% (3.5%) 37 7.7%
 4 65 (13.1%), 5 4 9 (1.8%), 5 2 (0.4%), 6
 62 (12.5%), 6 131 (26.5%) 22 (4.4%) 33 6.7%가
 258 52.1%

5.

4:

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
	1. 조식전 답지않는다	84 28.4 69.4 17.5	79 26.7 54.9 16.5	133 44.9 62.1 27.8	296 61.8	93 31.1 67.4 18.8	70 23.4 54.7 14.1	136 45.5 59.4 27.5
답는다	37 20.2 30.6 7.7	65 35.5 45.1 13.6	81 44.3 37.9 16.9	183 38.2	45 23.0 32.6 9.1	58 29.6 45.3 11.7	93 47.4 40.6 18.8	196 39.6
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
2. 조식후 답지않는다	46 22.2 38.0 9.6	69 33.3 47.9 14.4	92 44.4 43.0 19.2	207 43.2	56 27.5 40.6 11.3	55 27.0 43.0 11.1	93 45.6 40.6 18.8	204 41.2
답는다	75 27.6 62.0 15.7	75 27.6 52.1 15.7	122 44.9 57.0 25.5	272 56.8	82 28.2 59.4 16.6	73 25.1 57.0 14.7	136 46.7 59.4 27.5	291 58.8
3. 중식전 답지않는다	113 24.6 93.4	138 30.0 95.8	209 45.4 97.7	460 96.0	130 27.6 94.2	123 26.1 96.1	218 46.3 95.2	471 95.2

	23.6	28.8	43.6		26.3	24.8	44.0	
닭는다	8	6	5	19	8	5	11	24
	42.1	31.6	26.3	4.0	33.3	20.8	45.8	4.8
	6.6	4.2	2.3		5.8	3.9	4.8	
	1.7	1.3	1.0		1.6	1.0	2.2	
4. 중식후 닭지않는다	77	108	169	354	84	92	159	335
	21.8	30.5	47.7	73.9	25.1	27.5	47.5	67.7
	63.6	75.0	79.0		60.9	71.9	69.4	
	16.1	22.5	35.3		17.0	18.6	32.1	
닭는다	44	36	45	125	54	36	70	160
	35.2	28.8	36.0	26.1	33.8	22.5	43.8	32.3
	36.4	25.0	21.0		39.1	28.1	30.6	
	9.2	7.5	9.4		10.9	7.3	14.1	
1. 석식전 닭지않는다	107	122	195	424	117	116	199	432
	25.2	28.8	46.0	88.5	27.1	26.9	46.1	87.3
	88.4	84.7	91.1		84.8	90.6	86.9	
	22.3	25.5	40.7		23.6	23.4	40.2	
닭는다	14	22	19	55	21	12	30	63
	25.5	40.0	34.5	11.5	33.3	19.0	47.6	12.7
	11.6	15.3	8.9		15.2	9.4	13.1	
	2.9	4.6	4.0		4.2	2.4	6.1	
6. 석식후 닭지않는다	62	75	114	251	73	66	98	237
	24.7	29.9	45.4	52.4	30.8	27.8	41.4	47.9
	51.2	52.1	53.3		52.9	51.6	42.8	
	12.9	15.7	23.8		14.7	13.3	19.8	
닭는다	59	69	100	228	65	62	131	258
	25.9	30.3	43.9	47.6	25.2	24.0	50.8	52.1
	48.8	47.9	46.7		47.1	48.4	57.2	
	12.3	14.4	20.9		13.1	12.5	26.5	
7. 간식후 닭지않는다	109	130	202	441	128	118	217	463
	24.7	29.5	45.8	92.1	27.6	25.5	46.9	93.5
	90.1	90.3	94.4		92.8	92.2	94.8	
	22.8	27.1	42.2		25.9	23.8	43.8	
닭는다	12	14	12	38	10	10	12	32
	31.6	36.8	31.6	7.9	31.3	31.3	37.5	6.5
	9.9	9.7	5.6		7.2	7.8	5.2	
	2.5	2.9	2.5		2.0	2.0	2.4	
8. 취침전 닭지않는다	110	135	197	442	129	126	207	462
	24.9	30.5	44.6	92.3	27.9	27.3	44.8	93.3
	90.9	93.8	92.1		93.5	98.4	90.4	
	23.0	28.2	41.1		26.1	25.5	41.8	

	11	9	17	37	9	2	22	33
답는다	29.7	24.3	45.9	7.7	27.3	6.1	66.7	6.7
	9.1	6.3	7.9		6.5	1.6	9.6	
	2.3	1.9	3.5		1.8	0.4	4.4	

11.7%

4

36 (7.5%), 5 57 (11.9%), 6 66 4 36 (7.3%), 5 30 (6.1%), 6
(13.8%) 159 33.2% , 37 (7.5%) 103 20.8%
4 52 (10.9%), , 4 80 (16.2%), 5 75
5 66 (13.8%), 6 98 (20.5%) (15.2%), 6 144 (29.1%) 299
216 45.1% , 60.4%
4 11 (2.3%), 5 13 , 4 8 (1.6%), 5 15 (3.0%), 6
(2.7%), 6 24 (5.0%) 48 , 27 (5.5%) 50 10.1%
10.0% , 4 14
4 22 (4.6%), 5 8 (2.8%), 5 8 (1.6%), 6 21 (4.2%)
(1.7%), 6 26 (5.4%) 56 43 8.7%

6.

5:

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
	1. 횡마법 橫磨法	36 22.6 29.8 7.5	57 35.8 39.6 11.9	66 41.5 30.8 13.8	159 33.2	36 35.0 26.1 7.3	30 29.1 23.4 6.1	37 35.9 16.2 7.5
2. 종마법 縱磨法	52 24.1 43.0 10.9	66 36.6 45.8 13.8	98 45.4 45.8 20.5	216 45.1	80 26.8 58.0 16.2	75 25.1 58.6 15.2	144 48.2 62.9 29.1	299 60.4
3. 회전법 回轉法	11 22.9 9.1 2.3	13 27.1 9.0 2.7	24 50.0 11.2 5.0	48 10.0	8 16.0 5.8 1.6	15 30.0 11.7 3.0	27 54.0 11.8 5.5	50 10.1
4. 기타방법	22 39.3 18.2 4.6	8 14.3 5.6 1.7	26 46.4 12.1 5.4	56 11.7	14 32.6 10.1 2.8	8 18.6 6.3 1.6	21 48.8 9.2 4.2	43 8.7
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
M.F TOTAL PCT				49.2				50.8

227 45.9% 4
 76 (15.4%), 5 65 (13.1%), 6 가 156 , 173
 127 (25.7%) 268 54.1 가 323 , 322

8.
 7: 가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
1. 예	83 24.8	105 31.3	147 43.9	335 69.9	102 26.5	101 26.2	182 47.3	385 77.8
	68.6	72.9	68.7		73.9	78.9	79.5	
	17.3	21.9	30.7		20.6	20.4	36.8	
2. 아니오	34 27.2	34 27.2	57 45.6	125 26.1	32 32.3	21 21.2	46 46.5	99 20.0
	28.1	23.6	26.6		23.2	16.4	20.1	
	7.1	7.1	11.9		6.5	4.2	9.3	
3. 기타	4 21.1	5 26.3	10 52.6	19 4.0	4 36.4	6 54.5	1 9.1	11 2.2
	3.3	3.5	4.7		2.9	4.7	0.4	
	0.8	1.0	2.1		0.8	1.2	0.2	

9.
 8: ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
1. 예	52 25.2	66 32.0	88 42.6	206 43.0	62 27.3	63 27.8	102 44.9	227 45.9
	43.0	45.8	41.1		44.9	49.2	44.5	
	10.9	13.8	18.4		12.5	12.7	20.6	
2. 아니오	69 25.3	78 28.6	126 46.2	273 57.0	76 28.4	65 24.3	127 47.4	268 54.1
	57.0	54.2	58.9		55.1	50.8	55.5	
	14.4	16.3	26.3		15.4	13.1	25.7	

4 4 12 (3.7%), 5 7 (2.2%), 6
 33 (10.2%), 5 55 (17.0%), 6 21 (6.5%) 40 12.4%
 62 (19.2%) 150 46.4%
 4 35 (10.9%), 5 43 (13.4%), 6 () 4
 69 (21.4%) 147 45.7% 25 (7.7%), 5 21 (6.5%), 6 41
 (12.7%) 87 26.9% 4
 34 (10.6%), 5 28 (8.7%), 6
 13 (4.0%), 5 13 (4.0%), 6 15 30 (9.3%) 92 28.6%
 (4.6%) 41 12.7%

10.

9:

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	82 25.4	108 33.4	133 41.2	323 100.0	99 30.7	88 27.3	135 41.9	322 100.0
1. 개인 치과의원	33 22.0 40.2 10.2	55 36.7 50.9 17.0	62 41.3 46.6 19.2	150 46.4	35 23.8 35.4 10.9	43 29.3 48.9 13.4	69 46.9 51.1 21.4	147 45.7
2. 일반의원	13 31.7 15.9 4.0	13 31.7 12.0 4.0	15 36.6 11.3 4.6	41 12.7	12 30.0 12.1 3.7	7 17.5 8.0 2.2	21 52.5 15.6 6.5	40 12.4
3. 보건소 (진료소)	25 28.7 30.5 7.7	21 24.1 19.4 6.5	41 41.1 30.8 12.7	87 26.9	34 37.0 34.3 10.6	28 30.4 31.8 8.7	30 32.6 22.2 9.3	92 28.6
4. 다른곳	4 33.3 4.9 1.2	3 25.0 2.8 0.9	5 41.7 3.8 1.5	12 3.7	8 40.0 8.1 2.5	7 35.0 8.0 2.2	5 25.0 3.7 1.6	20 6.2
5. 무의촌 이동진료차	5 27.8 6.1 1.5	9 50.0 8.3 2.8	4 22.0 3.0 1.2	18 5.6	3 37.5 3.0 0.9	0 0.0 0.0 0.0	5 62.5 3.7 1.6	8 2.5
6. 약국	2 13.3 2.4 0.6	7 46.7 6.5 2.2	6 40.0 4.5 1.9	15 4.6	7 46.7 7.1 2.2	3 20.0 3.4 0.9	5 33.3 3.7 1.6	15 4.7

Number of missing observations, Male 156名, Female 173名

5, 6 12 3.7% 4, (9.7%) 78 22.3% , 4
20 6.2% . 24 (7.8%), 5 19 (6.1%), 6 33
(10.7%) 76 24.6% . 4 35
18 5.6% 8 2.5% (10.0%), 5 47 (13.5%), 6 69
(19.8%) 151 43.3% 4
15 4.7% 15 4.6%, 36 (11.7%), 5 25 (8.1%), 6
(10). 64 (20.7%) 125 40.5%
가 (11).
130 , 186 가
가 349 , 309 check가 8. 가 324
34 (9.7%), 5 39 (11.2%), 6 67.6%, 가 342 69.1% . 4
47 (13.5%) 120 34.4% 4
4 25 (8.1%), 5 8 (1.7%), 5 7 (1.5%), 6 12
36 (11.7%), 6 47 (15.2%) 108 (2.5%) 27 5.6% , 4
35.0% 12 (2.4%), 5 5 (1.0%), 6 5
(5.2%), 5 4 18 (1.0%) 22 4.4% . 4
26 (7.4%), 6 34 4

11. 가
10: 가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	87 24.9	112 32.1	150 43.0	349 100.0	85 27.5	80 25.9	144 46.6	309 100.0
1. 바로받음	34 28.3	39 32.5	47 39.2	120 34.4	25 23.1	36 33.3	47 43.5	108 35.0
	39.1	34.8	31.3		29.4	45.0	32.6	
	9.7	11.2	13.5		8.1	11.7	15.2	
2. 얼마후에 받음	18 23.1	26 33.3	34 43.6	78 22.3	24 31.6	19 25.0	33 43.4	76 24.6
	20.7	23.2	22.7		28.2	23.8	22.9	
	5.2	7.4	9.7		7.8	6.1	10.7	
3. 안받음	35 23.2	47 31.1	69 45.7	151 43.3	36 28.8	25 20.0	64 51.2	125 40.5
	40.2	42.0	46.0		42.4	31.3	44.4	
	10.0	13.5	19.8		11.7	8.1	20.7	

Number of missing observations, Male 130名, Female 186名
78

5 (1.0%), 5 6 (1.3%), 6 8 (0.8%), 6 7 (1.4%) 19 3.8%
 (1.7%) 19 4.0% 4
 8 (1.6%), 5 1 (0.2%), 6 9 4 3
 (1.8%) 18 3.6% . (0.6%), 5 13 (2.7%), 6 5 (1.0%)
 4 21 4.4% 4 3
 13 (2.7%), 5 15 (3.1%), 6 (0.6%), 5 9 (1.8%), 6 13 (2.6%)
 28 (5.8%) 56 11.7% 4 25 5.1% (12).
 14 (2.8%), 5 23 (4.6%), 6
 23 (4.6%) 60 12.1% . 가 16 , 가 18
 463 , 477
 4 3 (0.6%), 5 6 (1.3%),
 6 4 (0.8%) 13 2.7% ,
 4 3 (0.6%) 4 31 (6.7%), 5 45 (9.7%), 6
 35 (7.6%) 111 24.0% ,
 7 4 37 (7.8%), 5 36 (7.5%), 6
 1.5%, 6 1.2% . 43 (9.0%) 116 24.3% .
 가 4 3 (0.6%), 5 4 80 (17.3%), 5 88
 5 (1.0%), 6 4 (0.8%) 12 (19.0%), 6 168 (36.3%) 336
 2.5% 4 8 (1.6%), 5 4 72.6%가 ,

12. 가
 11: 가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
1. 시간이 나지않아서	8 29.6 6.6 1.7	7 25.9 4.9 1.5	12 44.4 5.6 2.5	27 5.6	12 54.5 8.7 2.4	5 22.7 3.9 1.0	5 22.7 2.2 1.0	22 4.4
2. 필요성을 인정할수 없어서	5 26.3 4.1 1.0	6 31.6 4.2 1.3	8 42.1 3.7 1.7	19 4.0	8 44.4 5.8 1.6	1 5.6 0.8 0.2	9 50.0 3.9 1.8	18 3.6
3. 심한질환이 아니라고 생각	13 23.2 10.7 2.7	15 26.8 10.4 3.1	28 50.0 13.1 5.8	56 11.7	14 23.3 10.1 2.8	23 38.3 18.0 4.6	23 38.3 10.0 4.6	60 12.1

4. 경제사정이 허락치 않아서	3 23.1 2.5 0.6 2	6 46.2 4.2 1.3 0	4 30.8 1.9 0.8 5	13 2.7	3 100.0 2.2 0.6 3	0 0.0 0.0 0.0 0	0 0.0 0.0 0.0 3	3 0.6
5. 치과의원 이 멀어서	28.6 1.7 0.4	0.0 0.0 0.0	71.4 2.3 1.0	1.5	50.0 2.2 0.6	0.0 0.0 0.0	50.0 1.3 0.6	1.2
6. 너무 바빠서 (父母님이)	3 25.0 2.5 0.6	5 41.7 3.5 1.0	4 33.3 1.9 0.8	12 2.5	8 42.1 5.8 1.6	4 21.1 3.1 0.8	7 36.8 3.1 1.4	19 3.8
7. 공포심 때문에	3 14.3 2.5 0.6	13 61.9 9.0 2.7	5 23.8 2.3 1.0	21 4.4	3 12.0 2.2 0.6	9 36.0 7.0 1.8	13 52.0 5.7 2.6	25 5.1
8. 기타	84 25.9 69.4 17.5	92 28.4 63.9 19.2	148 45.7 69.2 30.9	324 67.6	87 25.4 63.0 17.6	86 25.1 67.2 17.4	169 49.4 73.8 34.1	342 69.1

가 41, 57
10 2.2%, 8 438, 438
1.7%

6 1.3%, 4 4 57 (13.0%), 5 65
4 0.8% (13). (1480%), 6 116 (26.5%) 238
54.3% 4 49 (11.2%),
가 3, 5 5 55 (12.6%), 6 104 (23.7%)
476, 490 208 47.5%

4
116 (24.4%), 5 139 (29.2%), 6 4 43 (9.8%),
204 (42.9%) 459 96.4%, 5 41 (9.4%), 6 27 (6.2%)
4 129 (26.3%), 5 127 (25.9%), 111 25.3%, 4 45
6 221 (45.1%) 477 97.3% (10.3%), 5 36 (8.2%), 6 34
가 7 (7.8%) 115 26.3%

1.5%, 가 7 1.4% 6 1.3%, 4 11 (2.5%), 5 29
3 0.6% (6.6%), 6 36 (8.2%) 76
4 0.8%, 17.4%, 가 4 24 (5.5%), 5
3 0.6% 26 (5.9%), 6 54 (12.3%) 104
23.7%

13.

12:

가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	117 25.3	139 30.0	207 44.7	463 100.0	127 26.6	126 26.4	224 47.0	477 100.0
1. 잇몸에 생기는 병이다	31 27.9 26.5 6.7	45 40.5 32.4 9.7	35 31.5 16.9 7.6	111 24.0	37 31.9 29.1 7.8	36 31.0 28.6 7.5	43 37.1 19.2 9.0	116 24.3
2. 치아에 생기는 병이다	80 23.8 68.4 17.3	88 26.2 63.3 19.0	168 50.0 81.2 36.3	336 72.6	84 24.1 66.1 17.6	88 25.2 69.8 18.4	177 50.7 79.0 37.1	349 73.2
3. 입천장이 나 혀에 생기는 병이다	4 40.0 3.4 0.9	5 50.0 3.6 1.1	1 10.0 0.5 0.2	10 2.2	2 25.0 1.6 0.4	2 25.0 1.6 0.4	4 50.0 1.8 0.8	8 1.7
4. 입술에 생기는 병이다	2 33.3 1.7 0.4	1 16.7 0.7 0.2	3 50.0 1.4 0.6	6 1.3	4 100.0 3.1 0.8	0 0.0 0.0 0.0	0 0.0 0.0 0.0	4 0.8

Number of missing observations, Male 16名, Female 18名

14.

13:

가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	119 25.0	143 30.0	214 45.0	476 100.0	135 27.6	127 25.9	229 46.5	490 100.0
1. 설탕 초코렛	116 25.3 97.5 24.4	139 30.3 97.2 29.2	204 44.4 95.3 42.9	459 96.4	129 27.0 95.6 26.3	127 26.6 100.0 25.9	221 46.3 96.9 45.1	477 97.3
2. 채소 과일	2 28.6 1.7 0.4	2 28.6 1.4 0.4	3 42.9 1.4 0.6	7 1.5	1 14.3 0.7 0.2	0 0.0 0.0 0.0	6 85.7 2.6 1.2	7 1.4

	0	1	5	6	3	0	0	3
3. 고기	0.0	16.7	83.3	1.3	100.0	0.0	0.0	0.6
생선	0.0	0.7	2.3		2.2	0.0	0.0	
	0.0	0.2	1.1		0.6	0.0	0.0	
	1	1	2	4	2	0	1	3
4. 우유	25.0	25.0	50.0	0.8	66.7	0.0	33.3	0.6
	0.8	0.7	0.9		1.5	0.0	0.4	
	0.2	0.2	0.4		0.4	0.0	0.2	

Number of missing observations, Male 3名, Female 5名

가 4 (16).

4 (0.9%), 5 4 (0.9%), 6 5
(1.1%) 13 3.0% , 4
1 (0.2%), 5 5 (1.1%), 6 5
(1.1%) 11 2.5% (15).

가 32 , 30 412 (23.2%), 5 107 (21.6%), 6 207
447 , 465 (41.8%) 429 86.7% .

4 23 (5.1%), 5 18 (4.0%), 6 8 (1.7%), 5 13 (2.7%), 6
41 (9.2%) 82 18.3% , 23 (4.8%) 44 9.2% ,
4 18 (3.9%), 5 23 (4.9%), 6 4 19 (3.8%), 5 18 (3.6%), 6
38 (8.2%) 79 17.0% 17 (3.4%) 54 10.9% .

가 4 7
4 (1.5%), 5 9 (1.9%), 6 7
8 (1.8%), 5 10 (2.2%), 6 (1.5%) 23 4.8% 4
9 (2.0%) 27 6.0% 4 (0.8%), 5 3 (0.6%), 6 5
4 10 (2.2%), 5 5 (1.0%) 12 2.4% (17).

(1.1%), 6 14 (3.0%) 29
6.2%

4 42 (8.8%), 5 46 (9.6%), 6 64
62 (13.9%), 5 76 (17.0%), 6 (13.4%) , 4 41 (8.3%), 5
103 (23.0%) 241 53.9% 35 (7.1%), 6 65 (13.1%) 141
4 75 (16.1%), 5 66 (14.2%), 6 28.5% ,
105 (22.6%) 246 52.9% . 4 79 (16.5%), 5 98 (20.5%),
6 150 (31.3%) 327 68.3%
4 97 (19.6%), 5
(8.3%), 6 38 (8.5%) 97 21.7% 93 (18.8%), 6 164 (33.1%) 354
, 4 29 (6.2%), 5 31 71.5% (18).
(6.7%), 6 51 (11.0%) 111 23.9%

15.

14:

가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	115 26.3	139 31.7	184 42.0	438 100.0	119 27.2	122 27.9	197 45.0	438 100.0
1. 잇몸에 생기는 병이다	57 23.9 49.6 13.0	65 27.3 46.8 14.8	116 48.7 63.0 26.5	238 54.3	49 23.6 41.2 11.2	55 26.4 45.1 12.6	104 50.0 52.8 23.7	208 47.5
2. 치아에 생기는 병이다	43 38.7 37.4 9.8	41 36.9 29.5 9.4	27 24.3 14.7 6.2	111 25.3	45 39.1 37.8 10.3	36 31.3 29.5 8.2	34 29.6 17.3 7.8	115 26.3
3. 입천장이 나 혀에 생기는 병이다	11 14.5 9.6 2.5	29 38.2 20.9 6.6	36 47.4 19.6 8.2	76 17.4	24 23.1 20.2 5.5	26 25.0 21.3 5.9	54 51.9 27.4 12.3	104 23.7
4. 입술에 생기는 병이다	4 30.8 3.5 0.9	4 30.8 2.9 0.9	5 38.5 2.7 1.1	13 3.0	1 9.1 0.8 0.2	5 45.5 4.1 1.1	5 45.5 2.5 1.1	11 2.5

Number of missing observations, Male 41名, Female 57名

16.

15:

가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	115 25.7	141 31.5	191 42.7	447 100.0	132 28.4	125 26.9	208 44.7	465 100.0
1. 치석	23 28.0 20.0 5.1	18 22.0 12.8 4.0	41 50.0 21.5 9.2	82 18.3	18 22.8 13.6 3.9	23 29.1 18.4 4.9	38 48.1 18.3 8.2	79 17.0
2. 혀를 자주 내미는 버릇	8 29.6 7.0 1.8	10 37.0 7.1 2.2	9 33.3 4.7 2.0	27 6.0	10 34.5 7.6 2.2	5 17.2 4.0 1.1	14 48.3 6.7 3.0	29 6.2

3. 사탕을 자주 먹는다	62	76	103	241	75	66	105	246
	25.7	31.5	42.7	53.9	30.5	26.8	42.7	52.9
	53.9	53.9	53.9		56.8	52.8	50.5	
	13.9	17.0	23.0		16.1	14.2	22.6	
4. 손톱을 물어 뜯는다	22	37	38	97	29	31	51	111
	22.7	38.1	39.2	21.7	26.1	27.9	45.9	23.9
	19.1	26.2	19.9		22.0	24.8	24.5	
	4.9	8.3	8.5		6.2	6.7	11.0	

Number of missing observations, Male 32名, Female 30名

17.

16.

가

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121	144	214	479	138	128	229	495
	25.3	30.1	44.7	100.0	27.9	25.9	46.3	100.0
1. 예	106	122	184	412	115	107	207	429
	25.7	29.6	44.7	86.0	26.8	24.9	48.3	86.7
	87.6	84.7	86.0		83.3	83.6	90.4	
	22.1	25.5	38.4		23.2	21.6	41.8	
2. 모르겠다	8	13	23	44	19	18	17	54
	18.2	29.5	52.3	9.2	35.2	33.3	31.5	10.9
	6.6	9.0	10.7		13.8	14.1	7.4	
	1.7	2.7	4.8		3.8	3.6	3.4	
3. 필요없다 고 본다	7	9	7	23	4	3	5	12
	30.4	39.1	30.4	4.8	33.3	25.0	41.7	2.4
	5.8	6.3	3.3		2.9	2.3	2.2	
	1.5	1.9	1.5		0.8	0.6	1.0	

7.3%, 14.88
Glickman 가 (32.0%), 4 6 88 (42.6%), 5 66
가 , 43.0%, 6 52 (25.2%) 206
가 , 63 (27.8%), 4 102 (44.9%), 5
, 227 45.9% 62 (27.3%)
68.8% 61.8%, 31.23% 36.45%, 17.0%,
38.2%, 가
39.6%, 1975 1980 ,
11.5%, 12.7% Volker 1982 10 ~5
가 가
8
(7.9%0, 6.7%) Prange (9. 10. 11.).
가 가 46.4%,
가 가 45.7% 가 가 26.9%,
가 가 28.6%
45.1% 가 가 가
33.2%, 10.0%, 11.7% ,
60.4% 가
20.8%가 , 10.1%가 , 8.7%가 가
가 가
65.3%, 64.0% 7 66.67%
50.89% 가
65.6%, 65.1% ,
342 324 ,
26.1% , 20.0% 가
56 11.7%, 60 12.1%
가 가 가 39 8.1%,

가 41 8.2%

가 가

72.6%, 73.2%가
87.39%

V. 결 론

96.4%,

97.3%

8

4,5,5

974

가

1.

54.3%,
45.7%,

47.5%
52.5%

61.8%,
가 68.5%

가

18.45%

3.

45.1%,

60.4%가

가

4.

65.3%,

64.00%가

69.9%,

77.8%

5.

43.0%,

45.9%

46.4%,

45.7%가

26.9%,

28.6%

가

가

()

가 18.3%,
83.0%

6.

가

34.4%,

35.0%

가 17.0%

86.6%,

가

가

가

11.7%,

12.1%

7.

96.4%,

72.6%,

86.0%,

86.7%

73.2%,

96.4%,

97.3%가

31.7%,

28.5%

8.

54.3%,

47.5%가

가

18.3%,

17.0%가

9.

86.0%,

86.7%가

10.

31.7%, 28.5%

(, , ,)

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