

신경심리 검사 항목

1. 수지력 검사(finger tapping test)	(4).	60
HRNB 가	,	가
(4,5). 10 가	,	(6,7).
가	,	(6).
3 . 1	,	
,	,	
2. 색채 단어 검사(color-words test)		
Stroop test (8).	,	30 가
,	,	가
가	,	(6).
가	,	(6).
200 가	,	
(focusing attention),	7. 카드 분류 검사(card sorting test)	
(working memory),	Berg Graud(13)	가
taining attention)	,	
(2).	(2, 14).	
가 (9).	,	4
	,	가
3. 시각지속 수행 검사(visual continous performance test)	10	10
(vigilance)	,	60
(10). "0"	.	60
,	,	
100	,	(2).
(11).	8. 범주화 검사(category test)	HRNB
	(4).	
4. 조건지속 수행 검사(contingent continous performance test)	1 4	
	.	7
(10). "ㅂ"	,	가
.	,	가
100	,	(perseverance)

(2,12).

1. 주요 클래스들의 종류

14. 강제 선택 검사(forced choice test)

가

(22).

가

가

36 가 . 12 가 3
 1 5 , 2 10 , 3 15
 ()
). 가 가 , 50%
 가

Mircrosoft DAO(Data Access Objects)
 MFC DAO

14

14

전산화 개발 설계

C++ Microsoft Foundation Class (M-

FC)

가

. 14

2. 주요 객체들의 상호 작용

(lo-
 cality) 가

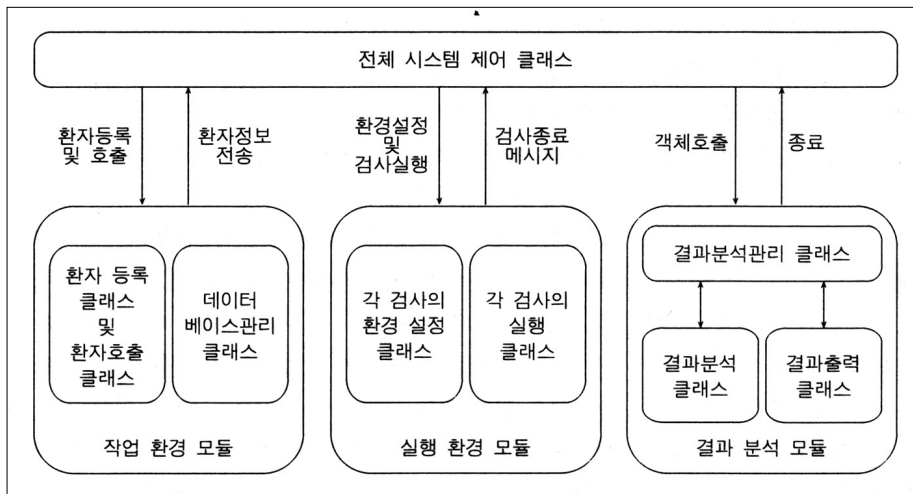


Fig. 2. A schematic diagram for the main objects in the neuro-psychological system

(23).

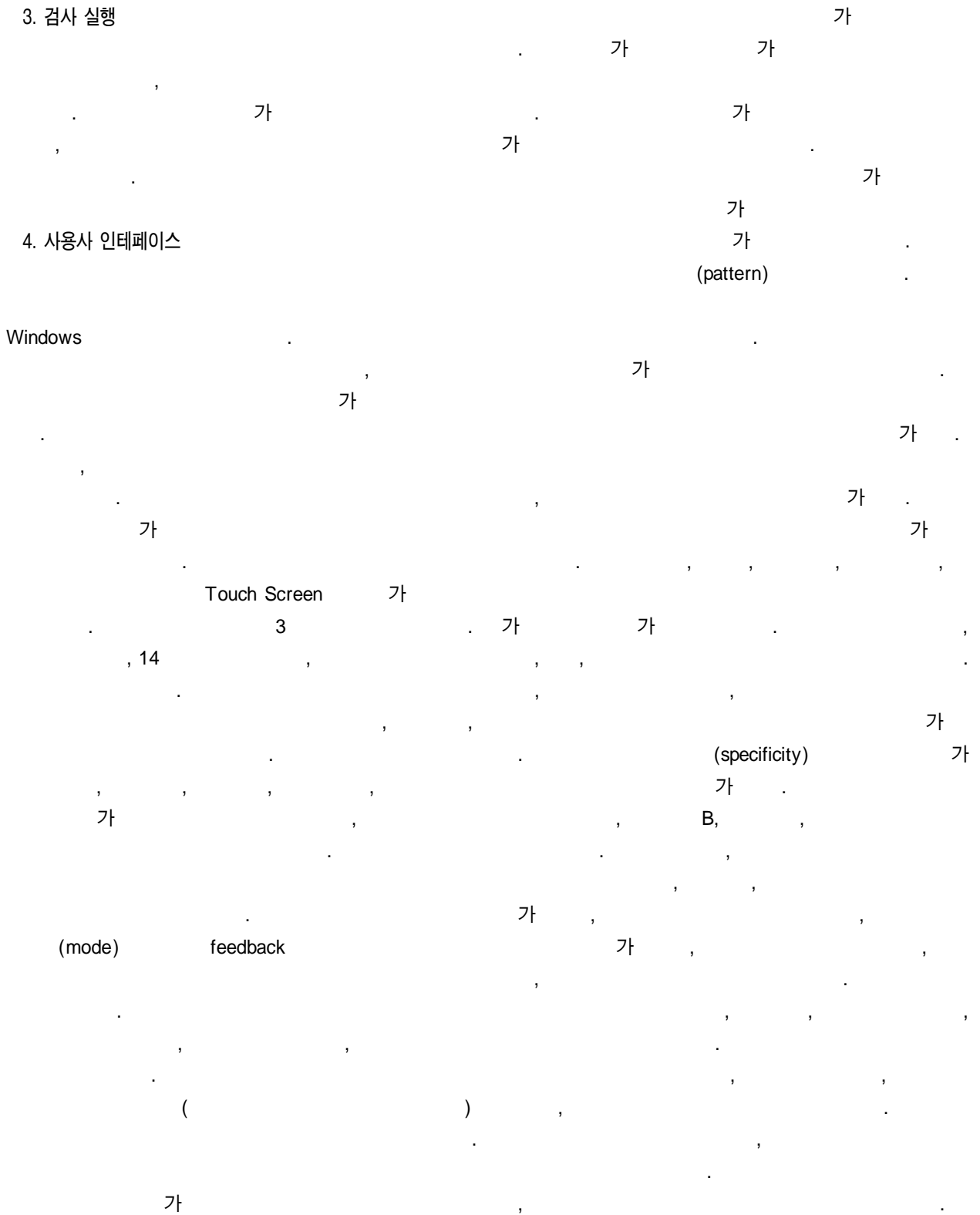
임상적 활용

Fig. 2

3. 검사 실행

4. 사용자 인터페이스

Windows



. Table 1

가

. Table 1

12

AB,

가

. Table 1

AB,

가

가

가

delta, theta,
P300

beta

가

가

임 상 증 례

(tactual performan

test, TPT)

1 43

2 45

Table 1. Results of computerized neuropsychological tests

		Normal Group		Patient 1		Patient 2	
		mean	SD	result	severity	result	severity
Finger tapping(number/sec)	R	6.7	1.0	4.6	N	4.8	N
	L	5.1	0.6	4.9	N,L	4.6	N,L
Color word(%)		96	3.4	65	S	97	N
Visual continous performance(%)		96.8	3.2	97	N	86	Mo
Speech perception(error)		3.3	1.2	5	N	7	N
Card sorting(error)		13.3	4.6	106	S	35	S
Contingent continous performance(error)		5.3	6.7	2	N	7	N
Attentional switching(%)		93.8	3.5	90.36	N,L	92.18	N
Rhythm test(error)		6.3	2.3	10	Mi,R	2	N,R
Spatial memory(%)		87.2	4.1	86.36	N	73.81	Mo,L
Category(error)		32	12.6	91	S	54	Mi
Trail Making(sec)	A	31.2	6.9	85.50	S,R	54.00	S,R
	B	52.5	12.6	165.64	S	31.16	S
Verbal memory (number)	Short term	66.7	3.1	26	S	25	S
	Retention	14.6	0.5	4	S	3	S
	Delayed recall	14.8	0.4	4	S	3	S
	Recognition	14.6	0.5	9	Mo	10	Mo
Visul memory (number)	Learnig slope	1.1	0.4	0.6	S	0.5	S
	Short term	80.6	7.3	37	S	36	S
	Recognition	14.8	0.4	13	Mo	12	Mo
Forced choice(%)		100	0	100	valid	100	valid

SD : standard deviation, N : normal : Mi : mild : Mo : moderate, s: severe, R : right lateralized, L : left lateralized

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