

아동 및 청소년 환자군의 Rorschach검사 Schizophrenia/Depression/Coping Deficit Index의 진단적 유용성에 관한 연구*

THE DIAGNOSTIC UTILITY OF THE RORSCHACH SCHIZOPHRENIA/ DEPRESSION/COPING DEFICIT INDEX IN CHILD-ADOLESCENT PATIENT GROUPS

서수균** · 신민섭*** · 김종술****

Soo Gyoon Seo, M.A.,** Min Sup Shin, Ph.D.,*** Zoong Sool Kim, Ph.D.,****

요 약 : ()
Rorschach SCZI, DEPI, CDI
(18), (20), (19) Rorschach
SCZI, DEPI, CDI
SCZI 가
SCZI 4 96.5%
, DEPI 3 57.9% , CDI 4
66.6%

중심 단어 : Rorschach · Schizophrenia index · Depression index · Coping deficit index ·

(sc -

서 론

hizophrenia index : SCZI)
(depression index : DEPI, coping deficit index :
Exner Rorschach 가¹⁾ Ro - CDI) . CDI¹⁾ DEPI
rschach 가 DEPI

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... Department of Neuropsychiatry, Seoul National University Hospital, Seoul
... () Division Child and Adolescent Psychiatry, Department of
Neuropsychiatry, Seoul National University College of Medicine, Seoul
... Department of Neuropsychiatry, Seoul National University College of Medicine,
Seoul

가 ,

), SumC' > 2(), Col -

SCZI Sha Blends > 0(), Afr < .46(), 2AB + Art + Ay > 3()

), Bt + 2Cl + Ge + Ls + 2Na/R > .24, COP < 2()

X + % ()

X - % ()

가 , M - ()

deviant verbalization, deviant response, incongruous combination, fabricated combination, contamination, inappropriate logic

DEPI 5

6 가 SCZI 5

80%

SCZI 80%가 (false negative) 1) 5 16 2% DEPI 3%,) 1).

4 SCZI 0

75% DEPI 5

(false positive) 90%가 4 5) 32 13 DEPI가 2)

5 6 3) 5

SCZI DEPI 3.3(±.91) 7) 가 DEPI가 5 , DEPI가 5 가

SCZI Rorschach 8) DEPI

1986 DEPI

3 1 SCZI 4

4) 가 70%

Rorschach 가 30%

가 10%

Rorschach 60% 9)10)

3) DEPI

DEPI 가 (1. , 2. , 3.) DEPI 가

SumShading > FM + m(DEPI 가) , FV + VF + V > 0 or FD > 2()

가 , 가(depressive equivalent)

11).

DEPI

85%

17%

DEPI

CDI

4 5

1. 연구대상

1996 1 1998 7

가 57 가

18 (:13 , :

20 (:12 , :8),

(depressive conduct disorder)

1). DEPI 5),

79% 19 (:10 , :9)

25% 가

가 CDI 4 5 .

315

가 DEPI CDI , 50%가 DEPI

CDI , 18%가 CDI

DEPI , DEPI CDI가

93%

1).

DEPI CDI

CDI

3%, 5 16

12%가 4 3).

SCZI, DEPI CDI

가

(p<.01). KEDI -

WISC K - WAIS

FSIQ가 101(±22.5),

Exner가 SCZI, DEPI, CDI가 106(±15.3), 102(±16.4)

가

2. 연구변인

1) 정신분열증 지표(Schizophrenia index)

가 가 가 , Ex -

ner 4

(1) (X+% <.61) and (S - % <.41)

or (X+% <.50)

(2) (X - % >.29)

(3) (FQ - > =FQu) or (FQ - > FQo + FQ +) 가
 (4) (Sum Level 2 Special Scores>1) and (FAB 2>0) 가
 (5) (Raw Sum of 6 Special Scores>6) or (Weighted Sum of 6 Special Scores>17) Rorschach protocol , Rorschach
 (6) (M - >1) or (X - %>.40) 86%

2) 우울증 지표(Depression index) Rorschach
 가 가 , Exner 16.27(±6.49), 16.20(±6.65),
 5 18.84(±6.75)
 (1) (FV + VF + V>0) or (FD>2) .57 가 10
 (2) (Color - Shading Blends>0) or (S>2) 4 1
 (3) (3r + (2)/R >.44 and Fr + rF =0) or (3r + (2)/R<.33) 1 , 2

(4) (Afr<.46) or (Blends<4) 결과
 (5) (SumShading>FM + m) or (SumC'>2)
 (6) (Mor>2) or (2AB + Art + Ay>3)
 (7) (Cop<2) or (Isolate/R>.24)

3) 대처결함 지표(Coping deficit index) , Table 1
 가 가 , Exner (covariate)
 4

(1) (EA<6) or (AdjD<0) , SCZI (F = 121.20, p<.001) DEPI CDI
 (2) (Cop<2) and (AG<2) 가 (Scheff
 (3) (Weighted SumC<2.5) or (Afr<.46)) SCZI 가
 (4) (Passive>Active + 1) or (Pure H<2)
 (5) (Sum T>1) or (Isolate/R>.24) or (Food>0)

3. 연구절차 2. SCZI, DEPI, CDI 임계치별 분류정확성
 Rorschach Exner (hit rate)

Table 1. Group means & standard deviations of SCZI, DEPI, CDI score and comparisons among groups

	SPR ^a (N = 18)	Depression ^b (N = 20)	Dep-Conduct ^c (N = 19)	F	Post Hoc
SCZI	4.61(.98)	.95(1.00)	.32(.48)	121.20***	a>b, c
DEPI	3.50(1.25)	3.15(.75)	2.84(1.21)	.73	
CDI	3.72(.83)	3.85(.93)	3.68(.89)	.14	

***p<.001

Table 2. The number of cases above SCZI critical value in each group

SCZI	SPR(N = 18)	Depression(N = 20)	Dep-Conduct(N = 19)	Total(N = 57)
3	18	3	0	21
4	16	0	0	16
5	9	0	0	9

Table 3. Classification exactness of SCZI critical values

SCZI	Hit rate	Sensitivity	Specificity	True positive/Total case N	False positive/Total case N
3	94.7%	1.00	.92	18 / 18	36 / 39
4	96.5%	.89	1.00	16 / 18	39 / 39
5	84.2%	.50	1.00	9 / 18	39 / 39

Table 4. The number of cases above DEPI critical value in each group

DEPI	SPR(N = 18)	Depression(N = 20)	Dep-Conduct(N = 19)	Total(N = 57)
3	14	17	12	43
4	10	5	6	21
5	3	1	1	5

Table 5. Classification exactness of DEPI critical values

DEPI	Hit rate	Sensitivity	Specificity	True positive/Total case N	False positive/Total case N
3	57.9%	.74	.22	29 / 39	4 / 18
4	33.3%	.28	.44	11 / 39	8 / 18
5	29.8%	.05	.83	2 / 39	15 / 18

(sensitivity) Table 5
 3, DEPI가
 (specificity) 57.9% .22
 DEPI .74
 1) Table 2 SCZI 3 3 3
 , 4
 Table 3 SCZI 3) CDI
 , 4
 96.5% 3 CDI
 가 가 CDI 4
 (Table 6). Table 7 3
 , CDI가 95.6%
 3 = 1.00), 가 SCZI 3
 가 .87
 2) DEPI CDI .05 4
 66.6% .79
 가 가 .39
 3
 Table 4 75%가 DEPI 4
 3 4

Table 6. The number of cases above CDI critical value in each group

CDI	SPR(N = 18)	Depression(N = 20)	Dep-Conduct(N = 19)	Total(N = 57)
3	17	18	16	51
4	11	17	14	42
5	3	3	2	8

Table 7. Classification exactness of CDI critical values

CDI	Hit rate	Sensitivity	Specificity	True positive/Total case N	False positive/Total case N
3	95.6%	.87	.05	34 / 39	1 / 18
4	66.6%	.79	.39	31 / 39	7 / 18
5	35.1%	.13	.83	5 / 39	5 / 18

Table 8. The number of cases of DEPI & CDI critical value combinations

	Depression	Dep-Conduct	Total(%)
DEPI 3 and CDI 4	14	10	24(61.5%)
DEPI 3 but CDI<4	3	2	5(12.8%)
DEPI<3 but CDI 4	3	4	7(17.9%)
DEPI 3 or CDI 4	20	16	36(92.1%)

3. 우울증 집단의 효율적인 탐색을 위한 CDI의 유용성

DEPI 3 and CDI 4
 DEPI 3 but CDI<4
 DEPI<3 but CDI 4
 DEPI 3 or CDI 4

가 Table 8
 61.5% DEPI
 12.8% CDI
 17.9% DEPI CDI
 92.1%

CDI가 DEPI

CDI가 DEPI

Exner(1993)

(DEPI<4 but CDI 5 : 18%)

논 의

Rorschach SCZI, DEPI, CDI가

가

CDI가 DEPI
 SCZI, DEPI, CDI
 , SCZI
 , 가
 DEPI CDI 가
 , SCZI
 SCZI
 , SCZI
 4
 3 가
 Exner¹⁾ 5 가
 , 4
 0 11%
 가
 SCZI
 Exner가 1
 DEPI CDI
 DEPI
⁶⁾
 DEPI 4 5
 (incipient)

DEPI CDI 가 , SCZI, DEPI,

Exner¹⁾가 5 DEPI

(95%)

가 3

78% DEPI

DEPI

3.3 3.1 DEPI 가

, DEPI

(Morbid response) C' 3

7)

C'

1.1 1.2

0.4 C' 0.7

C' 가 DEPI

가 DEPI

2 Mor>2, SumC'>2 Mor 2, SumC'

DEPI . CDI

Exner가 4

, 66.6%, 21%

, SCZI DEPI

Exner가

가 ,

가

가

SCZI, DEPI, CDI

가

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**THE DIAGNOSTIC UTILITY OF THE RORSCHACH SCHIZOPHRENIA/
DEPRESSION/COPING DEFICIT INDEX IN
CHILD-ADOLESCENT PARENT GROUPS**

Soo Gyoon Seo, M.A., Min Sup Shin, Ph.D., Zoong Sool Kim, Ph.D.

Department of Neuropsychiatry, Seoul National University Hospital, Seoul

Objectives : This study was conducted to investigate the diagnostic utility of the Rorschach schizophrenia/depression/coping deficit index in child-adolescent parent groups (schizophrenia, depression, depressive conduct disorder).

Methods : Three child-adolescent parent groups (schizophrenia(18), depression(20), depressive conduct disorder(19)) were individually assessed using the Rorschach test and schizophrenia/depression/coping deficit index scores were analyzed.

Results : The results showed significant difference among three groups on only SCZI and significantly higher SCZI score of schizophrenia group than other two groups. When the critical value of SCZI was 4, diagnostic hit rate was 96.5%, and when the critical value of DEPI was 3, diagnostic hit rate was 57.9%, and when the critical value of CDI was 4, diagnostic hit rate was 66.6%.

KEY WORDS : Rorschach test · Schizophrenia index · Depression index · Coping deficit index · Diagnostic utility.