

아토피피부염 소아 청소년에서의  
정신병리와 양육태도 연구\*

A STUDY ON CORMORBID PSYCHOPATHOLOGY AND  
PARENTING ATTITUDE IN CHILDREN AND  
ADOLESCENTS WITH ATOPIC DERMATITIS

정재석\*\* · 김규한\*\*\* · 홍강의\*\*†

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요 약 :

70 ( 9.9 , : 4~15 )  
, CBCL, MBRI, CDI, STAI  
SCORAD index  
가 . 16 (22.9%) 가 가  
, 가 , 가  
가 가  
가 가

중심 단어 :

서 론

가 (Atopic Dermatitis, AD )  
가 , ,

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disorder)

(psychosomatic

. AD 1

90%

10%

가

### 연구 대상 및 방법

#### 1. 연구 대상

1998 9 22 1999 4 22 7

7

5~20%

가가

( ) 4  
15

Hanifin Rajka<sup>4)</sup>

#### 2. 연구 도구

##### 1) 아토피피부염 병력 설문지

, 가

가

2)

Lawson <sup>5)</sup>

Family

Impact Questionnaire 가

(biopsychosocial)

가 , , 가 , 가 , 가 , 가  
, 가 , 10가

2가

3)

30가

AD

Thompson

r=0.55, p=0.002

(potential stressor)

가

##### 2) 부모 작성용 아동행동 조사표(Child behavior check list)의 한국어판(이하 K-CBCL로 약칭)

model) , (transitional stress and coping Wallander Varni가

CBCL Achenbach (1983)

(strain)

가

competence scale)  
oblem scale)

(social (behavioral pr -

가

<sup>6)</sup>

가

가

가

가

50

T -

121

가  
가 63

3) 어머니 양육태도 조사 도구(Maternal behavior re-  
search instrument, 이하 MBRI로 약칭)  
MBRI Shaefer (1959) 30  
7  
28 5  
4~7  
154 7  
( / , / ,  
, / , / 가,  
) 7)

4) 한국형 소아 상태·특성 불안 척도  
Spielberger's State - Trait Anxiety Inventory for  
Children 8)  
가  
가 20  
3가 (1, 2, 3) 가  
20 60 가  
가 가

5) 한국형 소아 우울척도(이하 CDI로 약칭)  
Kovacs' Children's Depression Inventory 9)  
27 3  
가 (0, 1, 2) 가  
0 54 가  
가 가

3. 연구 실시 및 절차

가  
European Task Force for Atopic Derm-  
atitis<sup>10)</sup> SCORAD index  
visual analogue scale  
13  
(%)  
0 3(0=  
, 1= , 2= , 3= )  
3  
가 0~10  
0.2,  
3.5, 1 가  
0 103 가  
가  
4. 통계처리  
SPSS/PC+ v 7.0 Chi -  
square test, Student's t - test  
Pearson's correlation

### 연구 결과

1. 연구 대상군의 인구사회학적 특성 및 질병행동  
112 가 가  
73 . 3  
가 30 , 가 40 (1 :  
1.34) 가 . 1999 1 1  
9.9 ( 2.8, 4 ~15  
) . 가 6 (8.6%)  
가 52 (74.3%) 2 가 11 (15.7%)  
가 48 75.0% .  
34 (48.6%) 52  
(74.3%) . 가 가 11  
가 17.1% .

가 73 75.8% . 가 2. SCORAD 점수  
 38 (54.3%)가 33.2 ( 17.7)  
 , 가 22.2%( 22.2) ,  
 17 (53.1%) 가 0~18 6.1 ( 3.4),  
 , , 가 가 0~20 7.4 ( 6.9)  
 가 47  
 67.1% 가  
 48 68.6% 3. 상태 특성 불안 척도와 우울 척도  
 5 (7.1%) 30.8 ( 7.7, 20~50)  
 8 (11.4%) 31.8 ( 7.0, 21~52)  
 10.8 ( 6.9, 0~33)  
 43 (61.4%) (21 ) 4. 임상범위군의 선정  
 (18 ), (18 ) K - CBCL T 가 63

6)

**Table 1.** Comparison between problem group and non-problem group

	Problem group (n = 16) mean (± SD)	Non-problem group (n = 54) mean (± SD)	T Sig
SCORAD total	30.51 (12.72)	33.98 (18.95)	- 0.687**
Skin extent(A)	14.56 (18.14)	24.5 (22.94)	- 1.587
Intensity(B)	5.31 ( 2.50)	6.36 ( 3.65)	- 1.069
Subjective symptom(C)	9.00 ( 4.53)	6.85 ( 4.67)	1.625
Depression	14.27 ( 6.57)	9.74 ( 6.72)	2.299*
State-anxiety	32.40 ( 7.35)	30.37 ( 7.85)	0.890
Trait-anxiety	36.20 ( 6.45)	30.50 ( 6.65)	2.930**
Family impact	17.60 ( 5.26)	17.89 ( 4.55)	- 0.208
-----			
CBCL			
Total problems	64.69 ( 5.53)	50.41 ( 8.23)	6.502**
Total social competence	44.31 (10.68)	54.15 (10.59)	- 3.239**
Externalized problems	57.56 ( 7.14)	48.94 ( 9.12)	3.470**
Emotional instability	54.58 ( 5.62)	46.71 ( 7.09)	3.475**
Sexual problems	55.83 (10.63)	50.86 ( 8.89)	1.597
-----			
MBRI			
Total	470.00 (30.56)	499.87 (35.60)	- 2.957**
Affection	125.07 (10.67)	127.39 (17.20)	- 0.496
Extroverted	74.13 ( 8.40)	79.96 (10.66)	- 1.953
Acceptance	118.33 (13.68)	124.81 (16.25)	- 1.410
EOI	61.33 ( 9.07)	66.80 ( 9.70)	- 1.956
Autonomy	65.20 (15.31)	74.96 (14.67)	- 2.259*
Positive appraisal	65.33 (11.27)	72.69 ( 8.00)	- 2.875**
Independence of mother	32.07 ( 3.75)	34.19 ( 6.35)	- 1.230

\*\*p<0.01

\*p<0.05

SD : standard deviation EOI : Encouragement of Independence  
 Value : mean (±SD), T score and p value in Student's t-test

70  
 12 (17.1%) ,  
 16 (22.9%)  
 . CDI  
 CDI 16  
 59 가  
 17 (23.1%) 가  
 5. 임상 범위 군과 비 임상 범위 군의 비교  
 K - CBCL  
 Chi - square  
 가  
 Student's t - test  
 (Table 1)  
 가 가 K - CBCL 70  
 6가 ( , , K - CBCL T 63  
 )  
 가 가 가  
 (MBRI) 가 22.9%(n =  
 7 / , / 가 16)  
 가

6. 정서, 행동문제와 아토피피부염의 심각도의 연관  
 SCORAD

Table 2 . SCORAD

**Table 2.** The correlation coefficient among SCORAD score and psychological factors

	Total	Skin extent	Intensity	Subjective symptom
Depression	0.342*	0.112	0.297*	0.385**
State-anxiety	0.272*	0.140	0.246	0.232
Trait-anxiety	0.374**	0.089	0.319*	0.461**
Family impact	0.343**	0.245	0.259*	0.398**
Total problems	0.061	-0.054	-0.032	0.359**
Total social competence	-0.229	-0.124	-0.159	-0.320**
Internalized problems	0.041	-0.074	-0.024	0.284*
Externalized problems	-0.010	-0.072	-0.090	0.257*
Emotional instability	-0.057	-0.119	0.000	0.340*
Sexual problems	-0.061	-0.134	-0.129	0.235*
Total MBRI score	0.035	0.142	0.044	-0.117
Affection	0.043	0.148	0.028	-0.053
Extroverted	-0.047	0.033	-0.044	-0.095
Acceptance	0.180	0.199	0.163	0.070
EOI	-0.064	-0.034	-0.043	-0.098
Autonomy	-0.065	-0.036	-0.049	-0.086
Positive appraisal	-0.119	0.052	-0.068	-0.324**
Independence of mother	-0.010	-0.072	0.071	-0.146

\*\*p<0.01 \*p<0.05 in Pearson Correlation Analysis  
 Other legend as in Table 1.

가 . 11)12)  
 가 2~4 가 가  
 가 . , Gupta 18) 가 Hashiro 19)  
 ( , ) 가 가  
 가 가 King 20) 50 가  
 가 가 , 가  
 가 가 Hashiro 21)  
 , 2가 (NK cell activity,  
 가 Interferon)  
 , 가 (stress  
 diathesis model) 13) 가  
 14) 가 , ,  
 , 가 22)23), 가  
 , 가  
 24)가 .  
 , 가 25)  
 (sex problems), 가 26)27), 가  
 , 가 27)28)가  
 가 29)  
 가 12) 가  
 가 가 ,  
 , 가 ,  
 가 가 , 가  
 , 가  
 15) , 가  
 16) 17), 가

가  
 가  
 , - 가  
 가 , 3  
 가 ,  
 , CBCL ,  
 30)  
 가  
 가  
 가  
 가

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ADOLESCENTS WITH ATOPIC DERMATITIS**

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The purpose of this study was to examine the nature of psychopathology and psychosocial environments of children with Atopic Dermatitis(AD) and their relationship to skin symptoms. Seventy outpatients with AD(mean age 9.94, range 4 -15 years) and their mothers were subjected to psychiatric interview and parent- and self-report questionnaire(CBCL, MBRI, CDI, Spielberger's State-Trait Anxiety Inventory for Children(STAI), Family Impact questionnaire). Disease severity was assessed in three dimensions(skin extent, disease activity, and subjective symptom) by SCORAD index. Sixteen (22.9%) of our sample were suspected to have behavioral-emotional problems and they were different from non-problem group on depression, trait-anxiety, maternal controlling attitude and negative appraisal of children. While skin inflammation activity was correlated with only trait-anxiety and depression, subjective skin symptoms were correlated with many psychosocial factors such as depression, state-and trait-anxiety, family-impact, social competence, internalized and externalized behavioral problem, sexual problem, and mother's positive appraisal of children). We concluded that children with AD are high-risk group for behavioral-emotional problems, and these problems along with maternal negative parenting attitude can affect their subjective symptom experience.

**KEY WORDS** : Atopic dermatitis · Psychopathology · Anxiety · Depression · Parenting.