

치료저항성 소아기 발병 정신분열증의 Clozapine 장기치험 1례*

A CASE OF TREATMENT-RESISTANT CHILDHOOD-ONSET SCHIZOPHRENIA WITH LONG-TERM TRIAL OF CLOZAPINE

송동호**† · 장순아** · 김경희*** · 이홍식**

Dong-Ho Song, M.D.,**† Soon-Ah Chang, M.D.,**
Kyung-Hee Kim, M.D.,*** Hong-Shick Lee, M.D.**

요 약 :

본 환자는 8세 9개월에 발병한 치료저항성 소아기 발병 정신분열증 (childhood-onset schizophrenia)을 앓고 있는 12세 남자 아동이다. 발병 초기에는 temper tantrum, 공격성, 불순종, 사회적 위축, 학업 장애 등이 주 증상이었다. 92개월 (7년 8개월)에 haloperidol, chlorpromazine, pimozide를 투약하였으나 증상 호전은 없었다. 92개월 6개월에 clozapine 150mg/d로 시작하여 1년 6개월 후 200-400mg로 증량하였으나 증상 호전은 없었다. 92개월 6개월 600mg로 증량하였으나 증상 호전은 없었다. 92개월 2년 500mg로 증량하였으나 증상 호전은 없었다. 92개월 2년 600mg로 증량하였으나 증상 호전은 없었다. 92개월 2년 600mg로 증량하였으나 증상 호전은 없었다.

중심 단어 :

· Clozapine.

서 론
Schizophrenia ; (childhood-onset schizophrenia))
10,000 1 1/50 1/100
1)2)

(childhood-onset schizophrenia)

1998

Department of Psychiatry, Yonsei University College of Medicine, Seoul
Department of Psychiatry, College of Medicine, Sungkyunkwan University, Seoul

†Corresponding author

DSM - (Diagnostic and Statistical Manual of Mental Disorders ; APA 1994)³⁾ ICD - 10(International Classification of Diseases ; WHO 1992)⁴⁾

¹⁷⁾,
²⁰⁾.

4 clozapine

가 증 례

1. 주소 및 현병력

8 9 92 (

1)

5).

Very Early Onset Schizophrenia(VEOS), Early Onset Schizophrenia(EOS), Late Onset Schizophrenia(LOS)

temper tantrum

7 92

. VEOS 8

EOS 8 13 , LOS

가 가

가 . VEOS

가

EOS LOS

가 가

6).

가

? , 가

5

6

3

2가 가

chlor -

promazine 100mg

가

7)

가

clozapine

가

30%

가 ⁷⁻¹²⁾.

2. 발달력

가

가

가

가

clozapine

⁵⁾¹³⁻¹⁹⁾

가

가 가

clozapine

⁵⁾¹⁷⁾.

. 3

가

가
 , 가 clozapine
 . 6 9
 가
 가
 가
 . 1 1
 가 가 가 가

3. 정신상태검사, 심리검사 및 신체이학적 검사

가
 가
 3 clozapine 25mg
 ‘ 가 ; ‘ 가
 ‘ 가 ? ;
 가
 가 Clozapine 3 5 25mg
 가 Clozapine
 7 가
 가 Clozapine
 4 . Clozapine
 100mg
 imipramine 12.5mg/day 3
 . Clozapine 150mg
 9700/mm³(71.0%)
 가 6500/mm³(34%)

4. 치료 및 경과

92 가 6
 haloperidol, chlorpromazine, pimozide 가
 가
 93 5 200mg 6 clozapine
 . 93 7 1
 haloperidol thioridazine
 가 95 3 3
 94 7 2 Clozapine 6 1
 haloperidol chlorpromazine

가 , 가 가 가
가 가 , 가 가
clozapine 300mg (1976)³³⁾ Offord(1974)³⁴⁾ Watt Lubensky
clozapine 300 1/3
400mg/day 가 , 가
. 4 가
가 , 가
가 , 가
Clozapine 2 500mg haloperidol, chlor-
. 11 promazine, pimozide, thioridazine
가 , 가
가 가 Kane
. 4 6
. 7)
. Kane
고 찰 5 ,
. Clinical Global
가 가 21-23). Improvement Brief Psychiatric Rating Scale
. 가
1 2 1 25).
clozapine 500mg
가 가 14)15)26).
clozapine
22)24). 100 400mg 8
22) 가 . Mozes
(1994)⁵⁾ 10 12 4
clozapine 300mg , 13
가 .
가
clozapine 16
6 8 가
8 VEOS 20). MacEwan Morton¹⁷⁾
. Alaghband - Rad (1996) 10 16
(1995)³²⁾ clozapine ,
가 , 가
. 가
clozapine 4

500mg
 .
 clozapine 4
 , , 가 .
 , 가 6
 2 . 1
 . clozapine
 20),
 EEG , ,
 가 , 가 ,
 20)(27)(28) . Clozapine
 가 29-31).
 , clo -
 zapine 31).
 가 imipramine
 , imipramine
 가
 가 . clozapine
 , 가
 , 가

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SCHIZOPHRENIA WITH LONG-TERM TRIAL OF CLOZAPINE****Dong-Ho Song, M.D., Soon-Ah Chang, M.D.,
Kyung-Hee Kim, M.D., Hong-Shick Lee, M.D.***Department of Psychiatry, Yonsei University College of Medicine, Seoul*

A 12-year-old girl with a 6 year history of childhood-onset schizophrenia required 2 hospitalizations and long-term clozapine trial due to inadequate responses to combinations of typical neuroleptics and traditional treatments of schizophrenic disorder. On admission, she had continuous auditory and visual hallucinations, persecutory delusion, emotional instability, regression of behaviors including temper tantrums as well as specific developmental delays in learning, language, and motor coordination. The clozapine trial significantly reduced most of the positive symptoms, and facilitated in successful discharge from the hospital. During the 4 year clozapine treatment, no significant adverse reactions were noted, and she returned to a structured school setting with minimal degrees of schizophrenic symptoms. From this clinical experience, we suggest that clozapine might be safe and effective in treating treatment-refractory schizophrenic children.

KEY WORDS : Treatment-resistant · Childhood-onset schizophrenia · Clozapine.