

# Fluoxetine 투여 후 조증과 자살 사고를 보인 강박증 환자 1례

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## A Case of Fluoxetine-induced Mania & Suicidal Ideation in Obsessive-Compulsive Disorder

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### ABSTRACT

The fluoxetine is one of the most frequently prescribed drugs for the treatment of depression and obsessive-compulsive disorder(OCD). This has been known as one of the most safest medication. But since the advent of this drug, there have been several reports of side effects-the mania and suicidal ideation-encountered during coadministration of fluoxetine with or without other psychotropic drugs.

We experienced a case of 20 years old male OCD patient who developed into abrupt manic state and also was preoccupied with intense suicidal ideation following fluoxetine use. He was a only child in his family and his father had a history of alcoholism about 15years ago. Our patient's obsessive-compulsive symptoms have been occurred since puberty. His OCD symptoms and anxiety were aggravated since joining the army. Beside these facts, we could not find any other psychiatric history such as depressive disorder and bipolar disorder. We used the fluoxetine starting dosage of 20mg and increased to 40mg at second week. About 3 weeks after the treatment, he developed sudden manic symptom and more aggravated suicidal ideation without any OCD symptoms. He felt vitalized and energetic without having enough sleep and food. These symptoms were ceased over two weeks by stopping medication.

Up to this point, the reason why fluoxetine induces mania and suicidal preoccupation is unclear. But somehow the fluoxetine has effects on serotonin receptor and serotonin-dopamine regulations, thus we could make an assumption that fluoxetine can induce mania, extrapyramidal symptoms(EPS) and suicidal ideation in some part of the serotonin unbalanced patients.

We think this would be the first report to remark on fluoxetine's suicidal and manic side effects in Korea. So here we present the case with the summary of reviewed articles.

**KEY WORDS** : Fluoxetine · Mania · Suicide.

### 서 론

Fluoxetine (selective serotonin reuptake inhibitors, SSRIs)

가 ( 1993). SSRIs

가 , 가 .

fluoxetine

fluoxetine (Bert-

hier Kulisevsky 1993, 1997 ; Dasgupta Hoover 1990 ; Fava Rosenbaum 1991 ; Hamilton Opler 1992 ; Jefferson 1991 ; King 1991 ; Lipinski 1989 ; Mann Ka-

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pur 1991 ; Rothschild Locke 1991 ; Settle Puzzuoli -  
 Settle 1984 ; Teicher 1990 ; Venkataraman 1992)  
 fluoxetine

가  
 2 40mg

증 례

가  
 3

20 가  
 1 가

.가  
 .가

15

fluoxetine  
 imipramine

2

가

DSM -

가

가

가  
 가

고 찰

Fluoxetine

가

6

8

nor - fluoxetine

7 15

2 3 ,

14 28

( 1995 ; Devane 1992).

fluoxetine

1

Peter(1995)

David

(1000 5.6

), (1000 3.2 ),

(1000 2.8 ),

(1000 2.8 ), (1000 2.3 ) (poststroke depression) clomipramine  
 oxetine fluoxetine Venkataraman (1992) fluox -  
 (Berthier Kulisevsky 1993, 1997 ; etine (14 16 )  
 Dasgupta Hoover 1990 ; Fava Rosenbaum 1991 ; Ha- 5 (ADHD) ;  
 milton Opler 1992 ; Jefferson 1991 ; King 1991 ; (affective instability) ;  
 Lipinski 1989 ; Mann Kapur 1991 ; Rothschild Locke (major depression with psychotic feature) ;  
 1991 ; Settle Puzzuoli - Settle 1984 ; Teicher 1990 ; 가 , (family history of affective diso-  
 Venkataraman 1992). rder, especially bipolar disorder) (bipolar  
 Fluoxetine disorder) fluo -  
 Settle Puzzuoli - Settle(1984) xetine 가 가  
 가 . Jefferson (1991) Fluoxetine  
 fluvoxamine (agitation) (compulsive act)가  
 Teicher (1990)  
 2.5%, 0.6% (Dasgupta Hoover 1990 ; Fava Rosenbaum 1991 ; Ki -  
 SSRIs ng 1991). 가  
 Keck (1986) Vi- 5% (Dasgupta  
 eta Bernardo(1992) Hoover 1990 ; Rouillon 1989 ; Teicher 1990)  
 (in- 가  
 verse relationship) fl- 가 (akathisia)  
 uoxetine 가가  
 (euthymic state) 가  
 . Jenike hschild Locke(1991) Lipinski (1989) Rot -  
 (1990) sertraline (1990) sertraline SSRIs Lipinski (1989)  
 가 (selectivity) 가 Baldessarini Marsh(1990)  
 fluoxetine  
 . Benkelfat (1989) 5HT<sub>1</sub>/5HT<sub>2</sub> (1997) fluoxetine  
 (nonspecific antagonist) metergoline 3 fluoxetine  
 metergoline (1994)  
 clomipramine fluoxetine  
 (plasma prolactine level) (1997) 38  
 metergoline haloperidol fluoxetine  
 가  
 5 - HT 가 Drake Ehrlich(1985) Herr -  
 . Steiner (1992) mete- era (1988)  
 rgoline Shear (1983) 가  
 fluoxetine . Hamilton Op -  
 Berthier Kulisevsky(1993, ler(1992) "Syndrome called EPS induced Dysphoric re -  
 1997) (right subcortex) action " fluoxetine 가

가 , fluo-  
xetine , TCA . Montgomery  
fluoxetine (1981) (de Wilde 1985 ; Mu-  
(psychotic agitation) llin 1988 ; Gonella 1990) zimelidine, citalopram flu-  
voxamine 2  
6  
가 amitryptiline, mianserine, dothieoine  
가 , 가 (de Wilde 1985 ; Mullin 1988).  
(Kaplan 1994) Muijen (1988) 81 mi-  
가 fluoxetine anserine, fluoxetine  
SSRIs Te - fluoxetine mianserine  
icher (1990), Dasgupta Hoover(1990) King 가 fluoxetine  
(1991) fluoxetine . Beasley (1991) 17  
Fava Rosenbaum (metaanalysis, n=3065) fluoxetine  
(1991) 1017  
TCA , fluoxetine , fluoxetine TCA fluox -  
etine  
가 ,  
fluoxetine ,  
(293 12 [4.1%]) TCA (549 8 [0.25%])  
(paradoxical re -  
action) 가  
(DiMascio 1970 ; Hall Zisook 1981). fluox -  
SSRIs etine  
가 Keck (1986) Vieta  
(1992) fluoxetine  
Montigny (1990) Blier (1990) SSRIs  
가  
(somatodendritic autoreceptors feedback)  
가  
가 (presynaptic autoreceptors)  
가 가  
(Blier 1990). **결 론**  
Mann Kapur(1991) fluoxe -  
tine Fluoxetine  
SSRIs fluoxetine  
가 FI -  
uoxetine  
Beasley (1991) 765 (CNS serotonin balance)

중심 단어 : Fluoxetine

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