

## 좌측 정중 전두엽과 양측 기저절 경색 후 과잉성욕 증상과 강박 증상을 보인 환자 1례\*

김세주<sup>1)</sup> · 김영신<sup>1)</sup> · 최낙경<sup>1)</sup> · 이병철<sup>2)</sup> · 이만홍<sup>3)†</sup>

### A Case Report : Hypersexuality and Obsessive-Compulsive Behaviors in a Stroke Patient with the Left Mesial Frontal Cortex and Both Basal Ganglia Lesion\*

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#### ABSTRACT

Hyposexuality after stroke has been frequently observed, but hypersexuality as a sequela of stroke has not been commonly documented. We report a patient who exhibited hypersexuality and obsessive-compulsive behaviors after stroke in the region of the left mesial frontal cortex and both basal ganglia. At 2 months after stroke, he visited psychiatric unit due to these symptoms. His motor function was almost full recovered. He was treated with fluvoxamine and perphenazine. With two-month medication, his hypersexuality and obsessive-compulsive behavior disappeared. This case may indicate that basal ganglia-thalamocortical circuit plays an important role in the mediation of sexual behavior and obsessive-compulsive behavior. Since changes in sexual activity may not be spontaneously reported, a systemic inquiry into patient's sexual functioning after infarction in frontal lobe or basal ganglia is warranted.

KEY WORDS : Hypersexuality · Obsessive-compulsive symptom · Depressive symptom · Infarction · Frontal lobe · Basal ganglia.

#### 서 론

가 . 가 , . (hypersexuality) Kluver Bucy가 (sexual activity) 가 , (Kluver Bucy 1939).

[HMP - 99 - N - 01 - 0001].

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1  
Norvasc 5mg

(Wiseman 2000).

가

(hyposexuality)

(Fragassi 1990 ; Monga 1986).

(interconnection) 가

(Alexander 1990),

가

(Libman Wirkowski 1996).

60

24

Barthel 's index(Mahoney Barthel 1965)

가 24

(mesial frontal lobe)

(basal ganglia)

(lacunar) ( 1).

Barthel 's index 100

가

2

가

증 례

60

2001

8

30

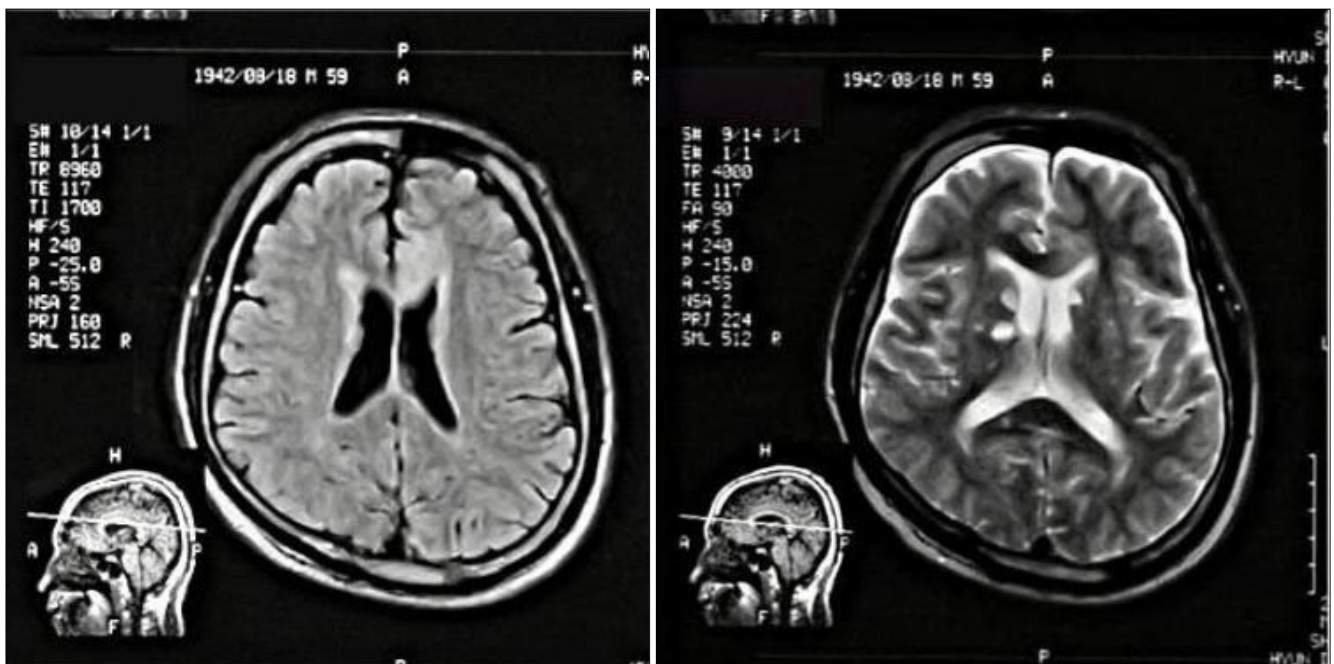


Fig. 1. FLAIR MRI showing a left mesial frontal infarction(left) and T2-weighted MRI showing both basal ganglia infarctions(right).

(hypersexuality) (Lilly 1983), (Blumer Walker  
, TV 1967), (Uitti 1989).  
2000 10 . Miller (subfrontal)  
가 가 가 Gorman (septum) (Miller 1986),  
2 (hippocampus) (amygdala)  
(basal ganglia) (cingulate)  
(interconnection)  
가 (Gorman Cummings 1992). Lib-  
man  
3 (basal ganglia - thalamocortical circuit)  
(limbic circuit)  
가 (Libman Wirkowski 1996).  
, 가  
, ' 가  
. fluvoxamine 150mg/d (Modell  
5 1989 ; Sawle 1993 ; Sheppard 1999).  
(Beck Depression Inventory 가(silent infarction)  
28 , Geriatric Depression Scale 27 ) fluvoxamine 200  
mg/d 8 .  
, 가 (Lib-  
. 11 man Wirkowski 1996 ; Sheppard 1999),  
. (potentiation) 가 .  
fluvoxamine 100mg/d .

**고 찰**

(Brody 2001 ; Lauterbach  
1997),  
(Gorman Cummings 1992). 가 가  
Kluver - Bucy syndrome 가 ,

가

가

(reactive)

가

가

가

testosterone

anti - an-

drogen

가

anti - androgen

me-

droyprogesterone acetate

cyproterone acetate

levodopa

bromocriptine

가

(Harvey 1988 ; Vogel

cimetidine, ketoconazole, spironolactone

Schiffter 1983).

가

(Levitsky Owens 1999 ; Wiseman 2000).

anti - antrogen

LH(luteinizing hormone)

FSH

(follicle - stimulating hormone)

testo-

sterone

estrogen

GnRH

(analo-

gues)

(Kyomen 1991).

### 요 약

(SSRI)

(Greenberg 1996). SSRI

가

60

(McElroy 1994 ; Perilstein 1991),

SSRI

가

가

(Perilstein

1991). Stewart

(sexual disin-

1

hibition)

69

haloperidol,

thioridazine, lorazepam, lithium, nortryptiline

, paroxetine 20mg/d

fluvoxamine

perphenazine

2

95%

3

가

(Stewart

가

Shin 1997).

clozapine, carbamazepine, perphe-

nazine, venlafaxine, loxapine

(Stein

1992).

Kluver - Bucy

syndrome

가

Kluver - Bucy syndrome

가

가

가

중심 단어 :

가

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가

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