

## A Case of Primary Writing Tremor Type A

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### - Abstract -

Abnormal writing can result from a large variety of neurologic disorders of motor control. Primary writing tremor(PWT) in its pure form denotes occurrence of a disabling tremor induced by writing alone. Therefore PWT is typical task-specific tremor. PWT could be classified as either type A or type B. In a strict sense, type B PWT is not pure form of PWT because it is not task specific. We describe a case of PWT type A. A 53-year-old right handed policeman complained of a 4 year history of shaking of his right hand that interfered with writing. Tremor appeared during writing but not on adopting the hand position normally used for writing.

**Key Words :** Primary writing tremor, Classification

가 B  
 . (primary writing tremor)  
 가 1. , 1848 Grisolle 6,  
 , 1979 Rothwell 3  
 가 . Rothwell 3  
 , 가  
 2. 가 ,  
 3, 4,  
 5 . Rothwell 3

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轉儀, gyroscope) Motus I(Bioengineering) 가 , 1)  
Motus Angular Rate Sensor , 2) , 3) 가

Angular rate RMS 13.69 deg/sec, 24.52 1) 50 15 20  
deg/sec (Fig. 2). 1 Hz 9 Hz , 2)

Hz , 가 5.50 (over flow) , 3) H-  
(Fig. 3). Angular rate RMS가 1.81 (reciprocal inhibition)가 7.

deg/sec Angular rate RMS가 4.11 deg/sec H  
1 Hz 20 Hz 가 ,

가 , , 45 , PET  
, 45 , 12,

가 가 5.5 Hz ,  
가 가

가 가 2 mg/ 가 가  
가

가 가  
8 ,

(writer's cramp)  
9,10 7.

1) 가 4 ( )  
8 Hz , 2)

1) ( )  
Cohen 13

가

가 Klawans<sup>4</sup> stigmine physio  
 가 stigmine B  
 B  
 A A  
 18 19  
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tremor myoclonus),  
 (myoclonic writer's cramp),

(writer's

가  
 가  
 가  
 가  
 (writer's tremor myoclonus)

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