

## Polyneuropathy and Recurrent Focal Neuropathy in Anorexia Nervosa

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### - Abstract -

Anorexia nervosa(AN) is a disorder characterized by disturbance of body image, fear of gaining weight, severe weight loss and, in female, amenorrhea. Compared with normal persons, patients with AN have neuropathic symptoms more frequently. But electrophysiologic abnormalities have rarely been reported. We experienced a case with recurrent neuropathic symptoms after severe weight loss. Further evaluation revealed AN. Electrophysiologic study showed sensorimotor polyneuropathy and focal neuropathy with conduction block. As far as we know, this feature of neuropathy in AN has not been described. We describe unusual feature of neuropathy in our patient with literature review.

**Key Words :** Anorexia nervosa, Polyneuropathy, Focal neuropathy, Nerve conduction study

가

(Anorexia Nervosa, AN)

가

AN

7

23

가

(foot-drop)

4

5,12

1,10,14

1,7

AN

20

:

28

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side) 2, 4, 5 가 (ulnar myelin digestion chamber가  
 가 (myelinopathic neu-  
 ropathy) (demyelination)  
 가 8 10 kg AN  
 가 1 B12 B12  
 가 32 kg 155 cm 21 가  
 (Body Mass Index 13.3), 10 cm  
 가 (abduction) MRC Inching 가  
 grade 4 가 8 cm CMAP (53%)가  
 MRC grade 0 (flexion) 37  
 38 kg  
 15  
 12.3 g/dl B12  
 100 pg/ml( 200~1000) (folate)  
 1.7 ng/ml( 3~15) (Leu- 가  
 teinizing hormone)  
 (Follicular stimulating hormone)  
 . Schilling's test  
 가 compound motor AN  
 action potential(CMAP) 가 AN  
 CMAP 가 (fibular head)  
 CMAP 가 (1.2~1.5 mV), 가  
 가 compound 8,13,15  
 nerve action potential(CNAP)가 AN  
 Campbell et al<sup>3</sup> In- 1,7 - (protein-calorie malnutrition)<sup>7</sup>  
 ching (medial epicondyle) 1 가 가  
 CMAP (24%가 가  
 tibialis anterior, peroneus longus, gastrocne- AN  
 mius muscle biceps femoris short head 가  
 biceps femoris long head 가  
 semitendinosus muscle

가  
 가  
 (Hereditary Neuropathy with liability to pressure palsy, HNPP)  
 가  
 , AN  
 HNPP 'doubling-up'  
 HNPP 가  
 B12 16 4,9  
 B12  
 B12 가  
 B12 가  
 , B12가  
 가  
 , AN  
 가 , AN  
 AN  
 가

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