

Satoyoshi

- Abstract -

Muscle Spasm in Satoyoshi Syndrome -A Case Report-

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Satoyoshi syndrome is a rare disorder of unknown cause characterized by painful intermittent muscle spasms, malabsorption, alopecia, amenorrhea, and skeletal abnormalities mimicking a skeletal dysplasia. We describe a 13-year-old Korean girl with characteristic manifestations starting at age 9.

Key Words : Satoyoshi syndrome, Muscle spasm

Satoyoshi

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 : 97 12
 , , , 98 4
 , ,
 : 3 6
 가 : , , 가 .
 : 가

: 13

(Fig. 1).

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Fig. 1. A Clinical feature of Satoyoshi syndrome is alopecia universalis, except for the eyelashes.

가 :
 가 :
 Hz 가 (Fig. 2).
 : 46XX, inv(9)(p12q13): pericentric inversion
 : 7000/mm³, C-reactive prontein 0.5mg/L, ESR 12 mm/h
 creatrine kinase 605 IU/l
 가 1398IU/l 가 Ca, alkaline pohosphate, vitamin D, aldolase myoglobin
 ANA(antinuclear antibody)가 1+ anti-DNA antibody가 7.1(N: 0-7 IU/ml) 가가
 myelin basic prontein 2%
 , 17-OHCS가 2.6 mg/day(N: 3~15 mg/day) 17-KS
 가 1.8 mg/day(N: 7~20 mg/day)
 GH, TSH, prolatin, FSH, LH
 : 75 mg pulse thera-

phy 2
 2 7g 3 가
 Satoyoshi 가
 가 .1,2 가
 , Ig G , ANA 가 .3,4
 가
 10
 . Satoyoshi
 , 6~15
 .
 .² , 10
 .² , 50%
 가 .⁵ 가
 가
 .^{2,6} ,
 .^{2,5}
 12
 .^{2,7}
 2%
 ,
 .^{2,8}
 ,
 . Dantrolene sodium

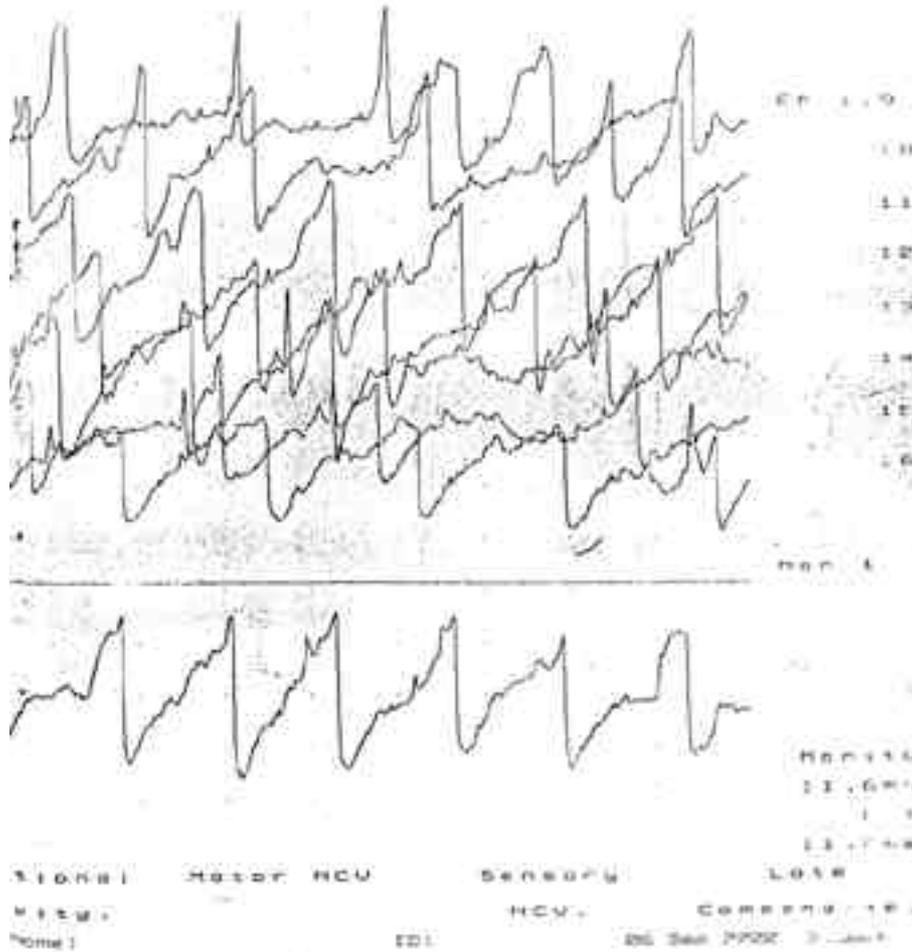


Fig. 2. Needle EMG revealed synchronized action potentials of 50~60 Hz in the quadriceps muscles bilaterally during muscle spasm.

가

가 .^{2,7,8} Merello

가

가 .⁷

(,) 70 Hz

가

, pulse

.^{3,9}

가

anti-DNA antibody ANA가

가

가

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