



: 1 1

2

B12

B12

B12

(posterior column)

(lateral column)

Romberg

Hb 10.9 g/l

MCV 121.6 fl 가

(macrocytosis)

B12 34 pg/ml
(15.19 ng/ml)

(folate)

B12

B12

2

T2

5

10

(megaloblastic anemia)

1

(Fig. 1).

T1

49

가

2

1991 1

B12

CT

4

1999

1

B12

cobabamide 1000 µg

(coldness),

(numbness),

1

1

(tingling sensation)

1

2

Grade II

Babinski

B12

(parietal cell)

(intrinsic factor)

B12

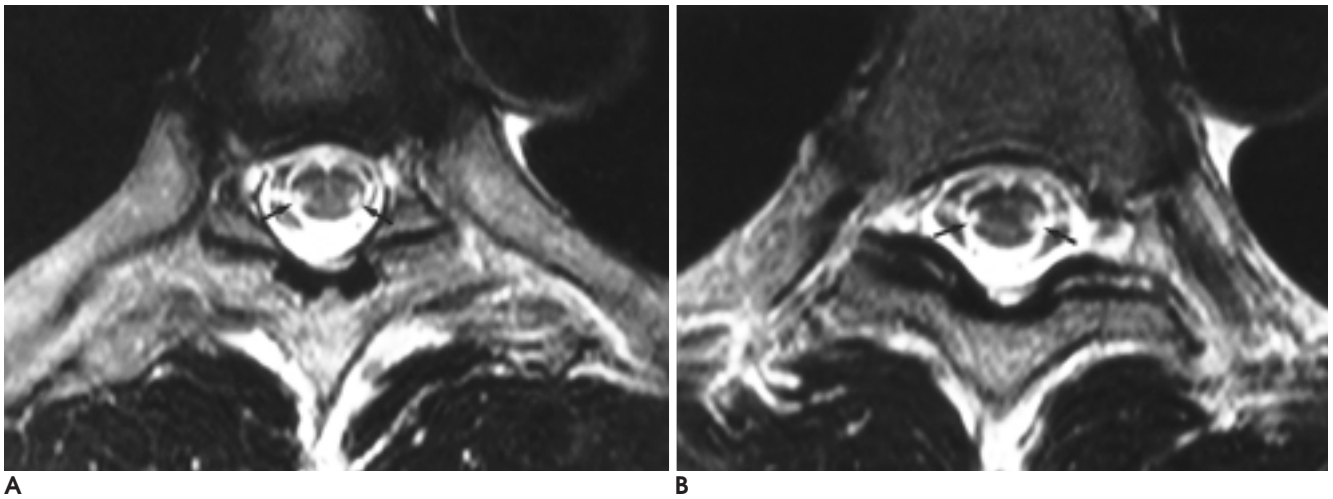
(pernicious anemia)

가

가

2000 가
2000 4 25

2000 6 12



A **B**
Fig. 1. A 49-year-old man with subacute combined degeneration of the spinal cord.
A, B. Axial fast spin-echo T2-weighted images at D45 level (A) and D8 level (B) show bilateral symmetrical increased signal intensity lesions at lateral columns of the spinal cord (arrows).

가 . , 가
, (fish tapeworm; *Diphyllobothrium*
latum) ,
(2). T1
(5 - 7).
(nitrous oxide) B12 T2
(3). (Fig. 1),
B12 T2
가 가 , , ,
(1). 가 가 (8).
(axon) (myelin) Wallerian B12
(4). 가 B12
(9 - 11). T2
가
B12 가
T2
282

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MR Imaging Findings in Subacute Combined Degeneration of the Spinal Cord: A Case Report¹

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Vitamin B12 deficiency can cause neurologic complications in the spinal cord, brain, and optic and peripheral nerves. Subacute combined degeneration is a rare disease of demyelinating lesions of the spinal cord, affecting mainly the posterior and lateral columns of the thoracic cord. We report the MR imaging findings of a case of subacute combined degeneration of the spinal cord in a patient with vitamin B12 deficiency and megaloblastic anemia.

Index words : Spinal cord, MR
Spinal cord, diseases
Vitamins

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<http://www.radiology.or.kr>

