

다발성 경화증에서 발생한 돌발성 난청 1예

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A Case of Sudden Deafness due to Multiple Sclerosis

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-ABSTRACT-

Sudden deafness is one of disease which has unknown cause. It is quite difficult to not only to evaluate the cause of this disease but also to treat this. Multiple sclerosis is one of a rare cause. We have recently experienced one case of multiple sclerosis as a cause for sudden deafness with a magnetic resonance imaging. We report this case with review of literatures. (J Clinical Otolaryngol 2002;13:208-212)

KEY WORDS : Sudden deafness · Multiple sclerosis.

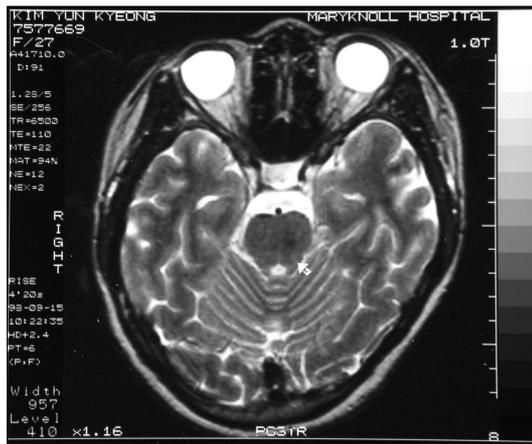
서 론

가
24~72 3 증 례
30 dB 29 6 2000 5 23
가 , 가 , ,
7~14 가
가 1998 6
1998 9
가 20 가
: 2002 7 18
: 2002 9 5
: , 600 - 730 4가 12 2000 5 29
: (051) 461 - 2205 · : (051) 461 - 0297
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17500/mm³, 551,000/mm³,
 52 mm/hr 가
 9 g/dL

2A, B)
 .
 가 가 IgG/Albumin index가 1.96 가
 , Oligoclonal band
 가 .

A . ,
 ,
 (500 Hz,
 1000 Hz, 2000 Hz, 3000 Hz
) 61 dB, 2 dB
 51 dB, -2 dB (Fig.
 1).
 4.04 msec 6.20 msec 3.95
 msec 6.08 msec
 T2
 1998 9



(Fig.

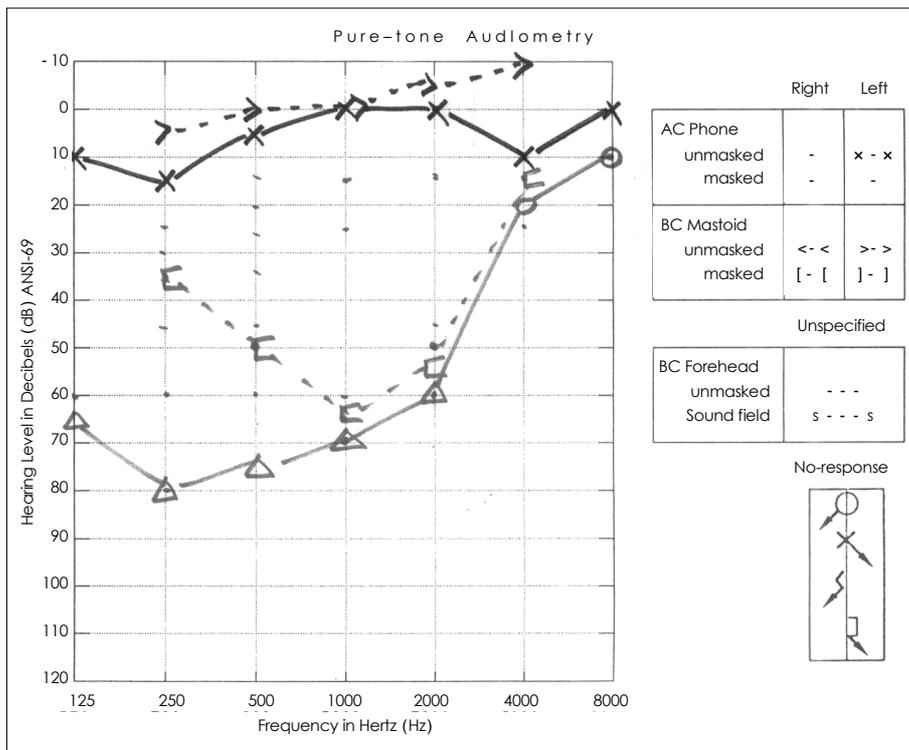


Fig. 1. Pure tone audiometry shows right side hearing loss at May 29, 2000.

Prednisolone(60 mg 4 ,
 50 mg 2) 2000 6 5 Me-
 thylprednisolone 500 mg 6
 . 2000 6 12 , 2

40 dB, 2 dB ,
 34 dB, -2 dB
 21 dB (Fig. 3).



Fig. 2. B : T2-weighted MRI shows multiple plaque evident in pons at May 30, 2000(white arrow).

3.70 msec 5.66 msec 3.79
 msec 5.66 msec
 . 2000 6 12 Predniso-
 lone 20 mg
 11 2000 8 18
 28 dB, 3 dB ,
 20 dB, 2 dB
 33 dB
 (Fig. 4).

고 찰

30 dB
 가 가 ,

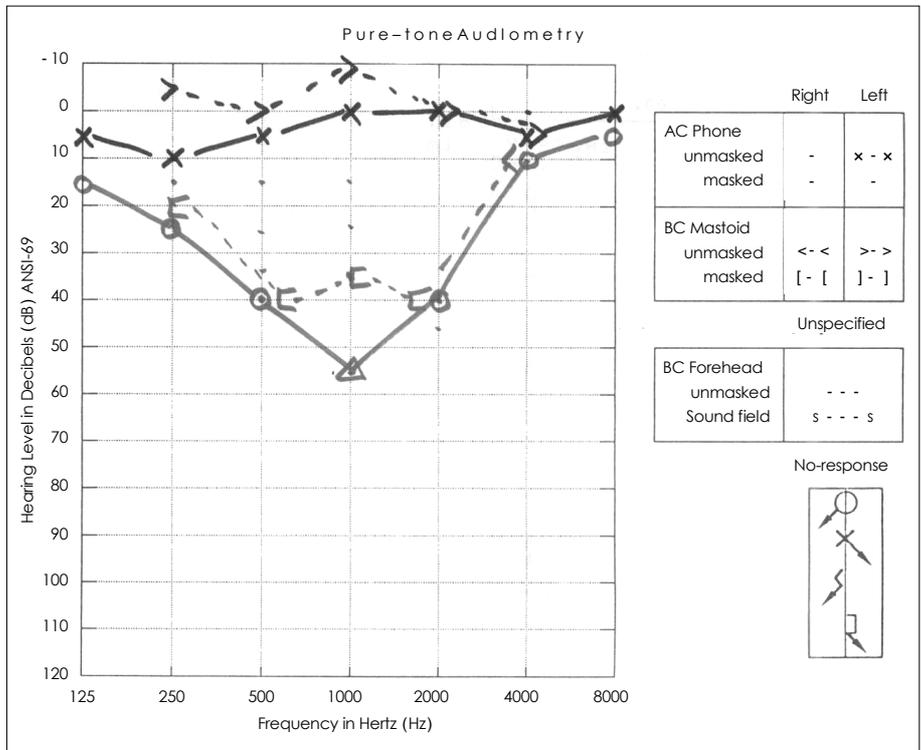


Fig. 3. Pure tone audiometry shows mild improved right side hearing loss at June 12, 2000.

