

재발한 접형동염에 의한 시신경염 1예

권민상 · 김정근 · 전 준 · 조중환

A Case of Optic Neuritis Caused by Recurrent Sphenoiditis

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-ABSTRACT-

Optic neuritis is an inflammatory optic neuropathy, of which the multiple sclerosis is the most common cause. Other causes include infection, tumor, granuloma, vascular disease and so on. A 61 year old male patient was admitted to our hospital with headache for 4 days and decreased visual acuity of left eye for 2 days. He took an operation for sinusitis 5 years ago at other hospital. His maximal corrected visual acuity was 0.1 at admission. A full of soft tissue shadow in bilateral sphenoidal sinuses was identified on paranasal computer tomographic scan. We operated an endoscopic sinus surgery. His visual acuity was getting better, so the visual field analysis test and visual evoked potential test were improved. We report a successful treatment of optic neuritis from sphenoidal sinusitis with a review of literature. (J Clinical Otolaryngol 2005;16:311-315)

KEY WORDS : Optic neuritis · Sphenoid sinus · Recurrent.

서 론

1

(demyelination)

가

증 례

1)
(retrobulbar neuritis), (pa- 61
pillitis), (neuroretinitis)

2) 5

가

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4가

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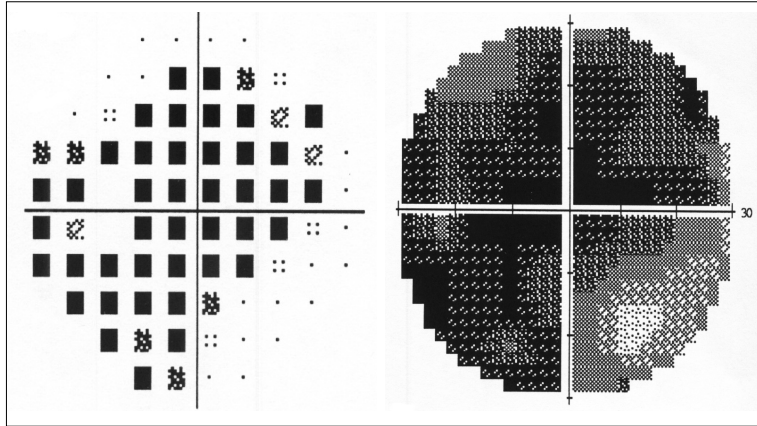


Fig. 1. Visual field analysis test (pre-operative state). The visual field was much limited due to optic nerve compression.

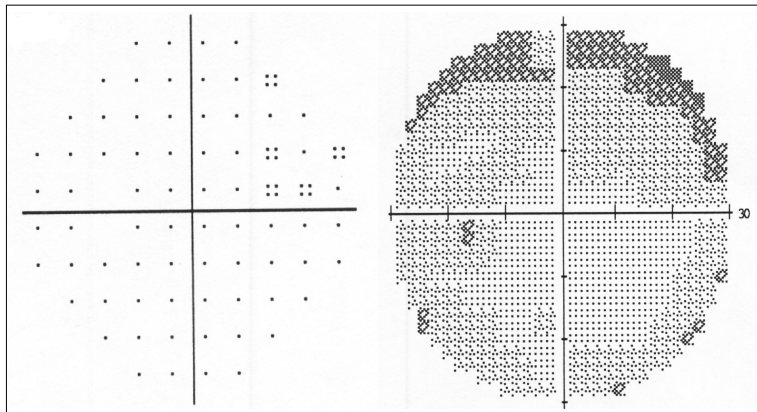


Fig. 2. Visual field analysis test (post-operative 2 weeks state). The limitation of the visual field was resolved.

(Figs. 1 and 2), (visual evoked potential) p100 value가 0.4 (Fig. 3) 2 4 5

가 (Fig. 4). 고 찰 4 20

(Fig. 5). 50 가

gram - negative bacillus가 3)

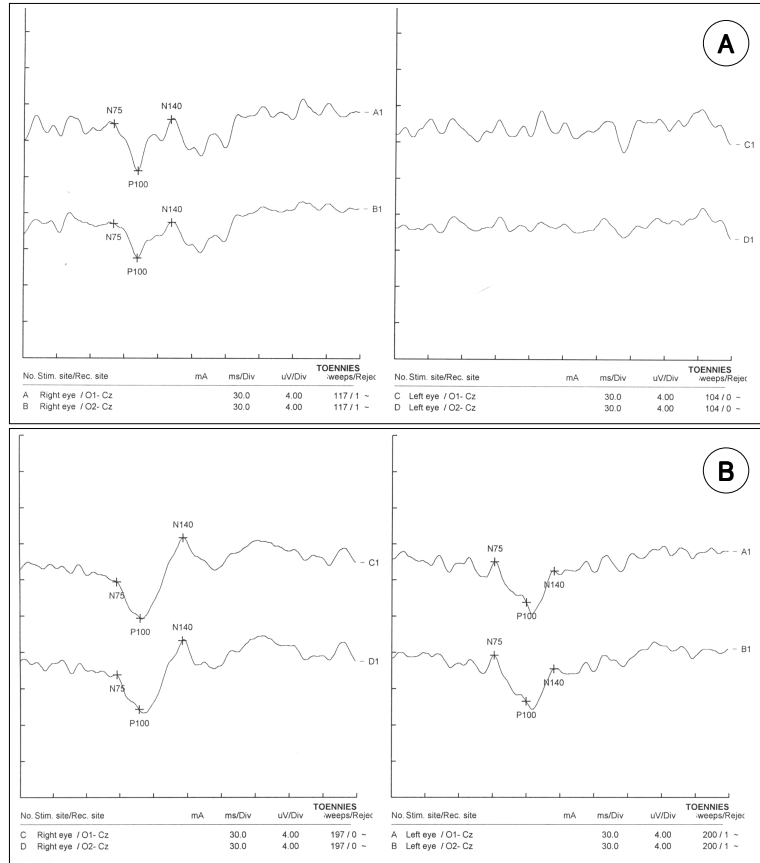


Fig. 3. The change of the visual evoked potential. A : Visual evoked potential of left eye shows no visible p100 value which means abnormal p100 value (Preoperative state). B : It shows that p100 value is normalized (Postoperative 2 weeks state).

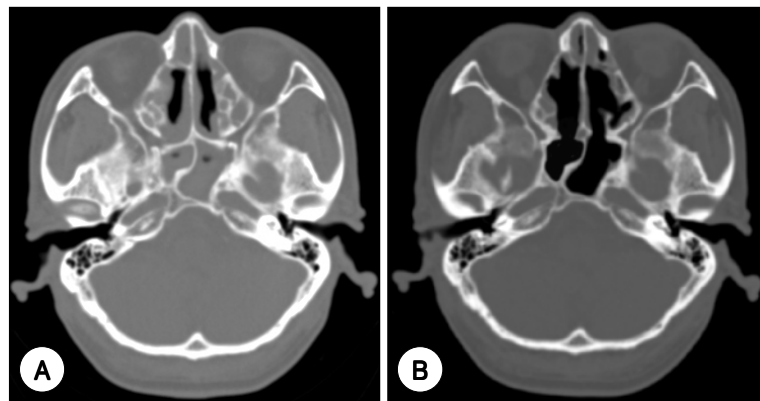


Fig. 4. Axial view of PNS CT scan. A : The image shows inhomogenous soft tissue density in both sphenoid sinuses (Preoperative state). B : Both sphenoidotomy was done (Postoperative 2 weeks state).

50%
 가
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 1)
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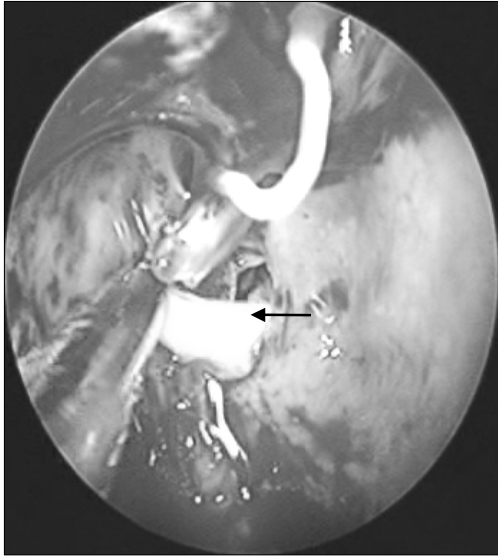


Fig. 5. Endoscopic view showing mucopurulent discharge (arrow) in left sphenoid sinus.

6)
parainfection²⁾⁵⁾
가 가 7)
가
7 가 2
0.01
8)
(vitreous chamber)
1
가 (visual evoked
potential : VEP),

2)4)
9)
가 가 6)
5)
75% 가 10)
가 10)
8)
latency 가 가 11)
2 1
중심 단어 :

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