

## 부비동 병변에 의하여 유발된 일측성 시력 소실 3예

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## Three Cases of Unilateral Visual Loss Caused by Sinus Disease

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## -ABSTRACT-

Three cases of unilateral visual loss caused by sinus lesion were encountered and we report three cases with literature review. Sinus inflammatory disease like sinusitis or mucocele is a common disease, but visual loss complicated by which is rare. It can be fatal and is known to have a poor prognosis. Appropriate and prompt management like intravenous antibiotics and surgical drainage must be done, when a patient is suspected of having visual loss by sinus problem. We report a case of unilateral visual loss caused by sinusitis, two cases by mucocele. The clinical courses and possible management are discussed. (J Clinical Otolaryngol 2005;16:284-288)

KEY WORDS : Blindness · Sinusitis · Mucocele · Orbital disease.

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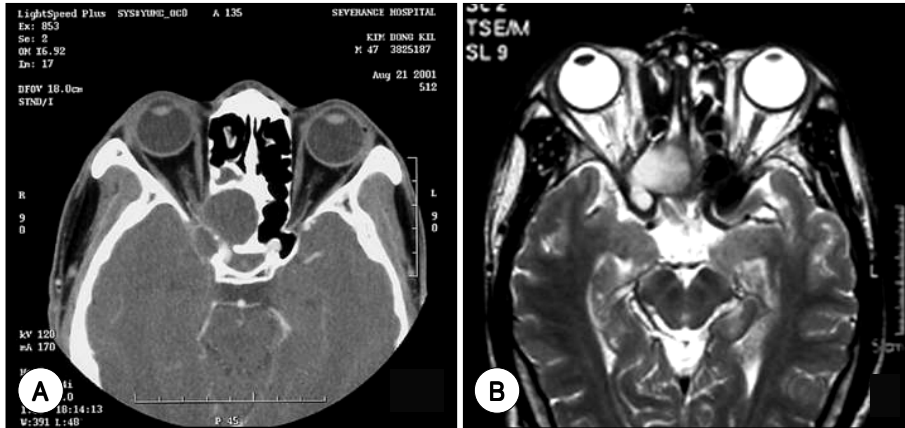
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## 증 례

증 례 1 :

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**Fig. 1.** A : Preoperative axial PNS CT imaging. There is well-defined homogenous, soft tissue density lesion in right ethmoid and sphenoid sinus, suspicious of erosion of right orbit bony wall. B : Preoperative T2 weighted axial imaging shows moderate to high signal intensity lesion in right sphenoid sinus.

2 Caldwell - Luc operation



**Fig. 2.** Preoperative photography shows periorbital swelling.

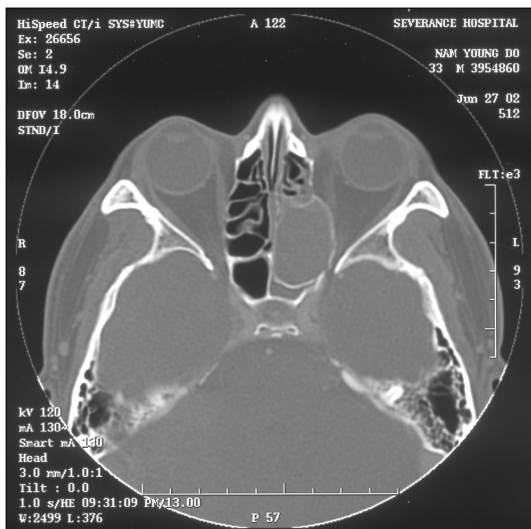
(Fig. 1).

증례 2 :

가 34 가 3

(Fig. 2)

(Fig. 3).



**Fig. 3.** Preoperative axial PNS CT imaging. There is soft tissue density lesion in left ethmoid sinus without bony erosion or destruction.

(Fig. 4).

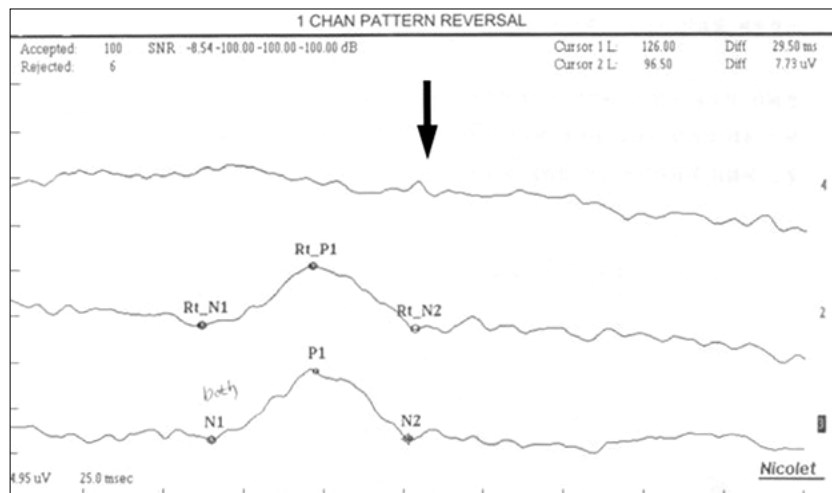
증례 3 :

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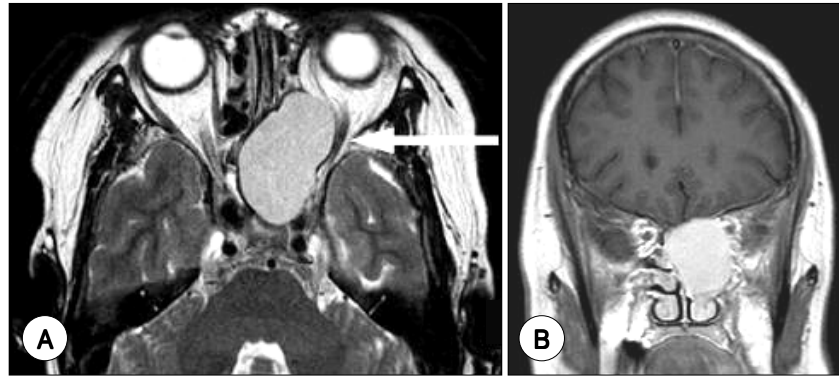
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**Fig. 4.** Visual evoked potential findings shows no response in left eye (arrow). Right eye shows normal response.

Fig. 5. A : T2 weighted axial image shows moderate signal intensity in left ethmoid and sphenoid sinus, the lesion compressing optic nerve (arrow). B : T1 weighted coronal image shows well defined, high signal intensity mass in left ethmoid sinus.



(Fig. 5).

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