

30년 이상 비강, 부비동 및 안와에 존재한 금속 이물 1예

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A Case of Metallic Foreign Body Retained in the Naso-Maxillo-Ethmoido-Orbital Complex

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ABSTRACT

The foreign bodies in the nasal cavity are rare diseases and mostly traumatic in origin. These foreign bodies result in pain, bleeding, and infection and are immediately removed in most cases. However, the foreign body without serious symptoms can remain for several years without treatment. Recently we experienced the penetrating metallic foreign body retained in the nasal cavity over 30 years and complicating orbital abscess. The foreign bodies were two pieces of broken metallic chopsticks. One piece was retained in both ethmoid sinuses and the septum and another in the naso-maxillo-orbital cavity resulting in orbital abscess. The foreign bodies were removed successfully with nasal endoscope, sublabial approach and lower eyelid approach to the orbit without rhino-ophthalmological sequelae. (Korean J Otolaryngol 2004;47:177-81)

KEY WORDS : Foreign bodies · Nasal cavity · Maxillary sinus · Orbit.

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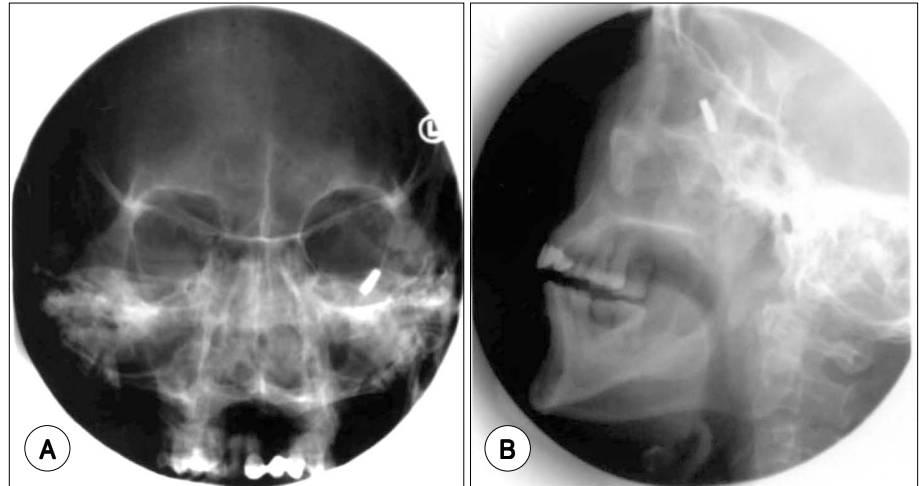


Fig. 4. Simple paranasal sinus X-ray showing the remained foreign body in the inferolateral portion of the left orbit after endoscopic and transantral approach. It was removed via external approach through lower eyelid incision (A : caldwell view, B : lateral view).

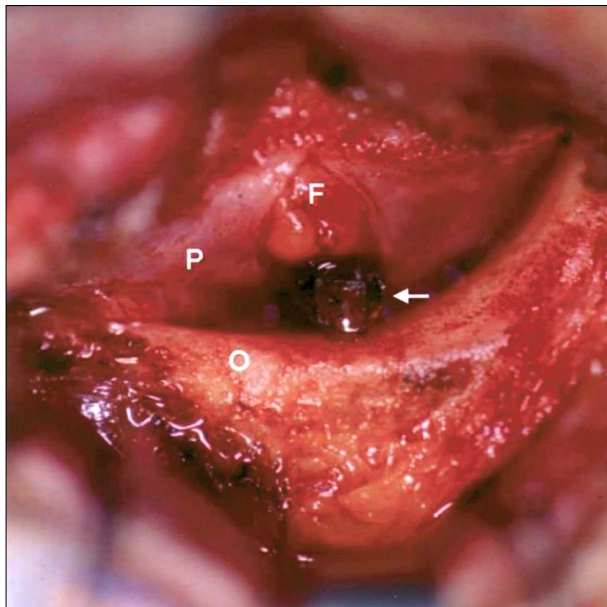


Fig. 5. The metallic foreign body in the left orbit. The lower eyelid incision was applied. After the incision on periorbital, the metallic foreign body (arrow) is noted (F : orbital fat, O : inferior orbital wall, P : periorbital incision).

Table 1. 수술 전-후의 안 증상 및 징후의 변화

	3	1	2	4	6	6
(mmHg)	0.4	0.5	0.4	0.4	0.4	0.4
	1.0	0.2	0.4	0.8	0.9	0.9
	12	12	12	12	12	12
	16	19	15	13	13	13
	+	+	+	-	-	-
	+	+	+	-	-	-
	+	+	+	+	+	-
	+	+	+	-	-	-
	+	+	-	-	-	-

(Fig. 5),

*Klebsiella pneumoniae*가

ceftriaxone(2.0 g/) sulbacillin(3.0 g/) 7
4

8

(Table 1).

incision) 가

portable X - ray

(Fig. 4),

3~4 mm

: lower eyelid incision) 가

bicularis oculi muscle)

(

(or-

가 , 가 , 가 .¹²⁾¹³⁾

가 .¹⁾⁵⁾ 가 Specht¹⁴⁾

가 X-

가 Kelly¹⁵⁾

3 mm 가

.¹¹⁾ 30

30 가,

.¹⁾⁴⁾⁵⁾ 가

.⁴⁾⁵⁾

.¹²⁾ 가 가

30 가 가

1/4 가

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