

치과 상악동 보강술 (Antral Augmentation) 후 발생한 상악동염 1 예

박경훈 · 박정준 · 권순욱 · 윤상원

A Case of Maxillary Sinusitis Developed After Dental Antral Augmentation

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-ABSTRACT-

The functional, social and cosmetic problems associated with the use of dentures have led to the increasing popularity and widespread use of implants. Alveolar bone height of 10 mm is generally accepted as necessary for predictable results in implant placement. When alveolar bone height is under 10 mm, augmentation of the maxillary sinus floor with grafts is previously performed for the reliable insertion of implants. However, there have been reports of an average 8% to 20% rate of sinusitis after augmentation surgery. Unfortunately, otolaryngologists often are consulted for management of complications. We present a case of maxillary sinusitis developed after antral augmentation. (J Clinical Otolaryngol 2005;16:298-301)

KEY WORDS : Dental implants · Maxillary sinusitis.

서 론

²⁾

(sublabial incision)

(antral augmentation)

1976

가 10 mm

75~93%

¹⁾

³⁾⁴⁾

가

가

가

가 10 mm가

가

8~20%

가

가

: 2005 9 4

: 2005 10 7

: , 139 - 231

1 280 - 1

⁵⁾⁶⁾

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1

: (Antral Augmentation)



Fig. 1. Preoperative CT scan. Coronal images reveal total opacity of left maxillary sinus, left concha bullosa, and bony hypertrophy of left uncinate process.

증 례

42 가 5 1, 2

가

(concha bullosa)
(Fig. 1).

가

가

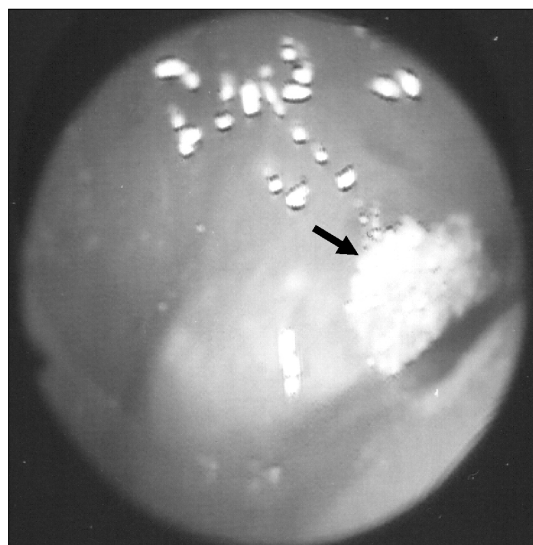


Fig. 2. 70 degree endoscopic finding. Whitish material is protruded through the edematous mucosa on the left maxillary sinus floor (arrow).

3

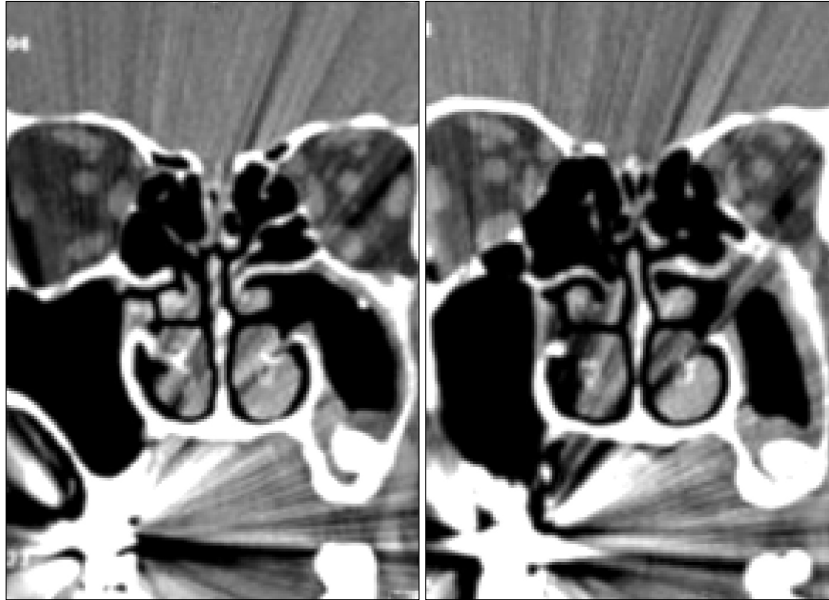


Fig. 3. Follow up coronal CT scan. A mass with bony density is observed on the left maxillary sinus floor surrounded with soft tissue density.

5
 가
 5 (gingivobuccal sulcus) 10 mm가
 6
 가
 (Fig. 2). 가 가 3)5)7)
 (Fig. 3). Caldwell - Luc 6)8)
 amoxicillin - clavulanate 3
 가
 7 amoxicillin(500 mg~1 g qid)
 beta lactamase
 clavulanic acid
 metronidazole(250 mg tid)
 6 clindamycin(150~300 mg qid)

: (Antral Augmentation)

chlorhexidine

중심 단어 :

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8)
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(Fig. 2)
(Fig. 3).
가
3)
(panoramic radiograph)
(dental CT)
(osteomeatal unit)
가가
11)12)
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2)