

잠재성 유양 돌기염 환자에서 합병된 뇌농양 1례

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A Case of Brain Abscess Complicated in Masked Mastoiditis

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- ABSTRACT -

With the advent of broad-spectrum antibiotics and inadequate usage, the frequency of serous otitis media and masked mastoiditis after acute otitis media is increased. The first awareness of the mastoiditis may be following the presentation of intracranial complications such as meningitis, lateral sinus thrombosis or brain abscess. We experienced a diabetic patient with masked mastoiditis and brain abscess without tympanic membrane perforation, who had received myringotomy and antibiotic treatment more than once a year due to repeated ear fullness since 20 years ago. We performed simple mastoidectomy, myringotomy with v-tube insertion and aspiration of brain abscess. The clinicians are urged to maintain a high suspicion of masked mastoiditis in the high risk patients, including newborn, diabetic, elderly, immunosuppressed or debilitated patients. (J Clinical Otolaryngol 2000;11:137-140)

KEY WORDS : Brain abscess · Masked mastoiditis · Serous otitis media.

서 론

가 .²⁾ , ,

,³⁾ 가 .

75

가

.¹⁾

1

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가 가 증 례

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75 (lethargy), ,

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20

1 5 × 2.0 cm (Fig. 2).

1 2

가 12 Gelfoam (Fig. 3). 22 (alert)

가 22.70 × 10⁹/L 가 고 찰

260 mg/dl (Fig. 1) 460 Hippocrates 1935

4 sulfonamide 1942 penicillin

1. 가 , 가 Rose -



Fig. 1. Preoperative CT finding. Contrast enhanced CT scan shows hypointense lesion with thick ring enhancement and surrounding mild edema in the right temporal lobe, typical of brain abscess.

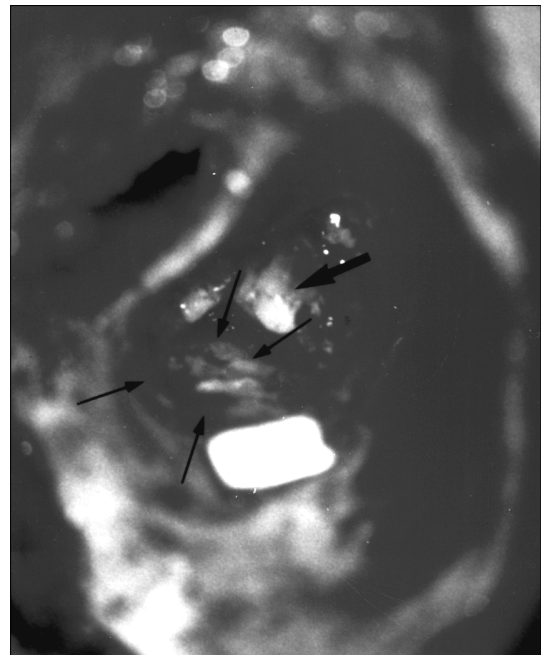


Fig. 2. Intraoperative finding of simple mastoidectomy. It shows 1.5 × 2 cm sized tegmen defect (thin arrows) and chronic inflammatory granulation with purulent discharge (thick arrow).

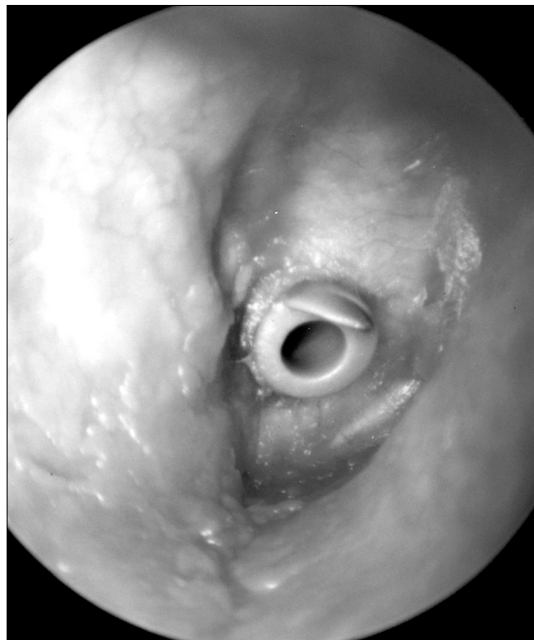


Fig. 3. Endoscopic finding on postoperative 12th day. It shows well maintained V-tube without discharge.

nwasser ⁴⁾ 가

가

가

3가

가 ⁵⁻⁷⁾

가 ⁸⁾

Stuart ⁹⁾ 4750

22, 1400 39

, Cody ¹⁰⁾ 325

99 가 . McGe-

rvern ¹¹⁾ Newlands ¹²⁾ 가 4 : 1

Myer ¹³⁾ 31 ,

Proctor ¹⁴⁾ 10 20 30 가

60% . Newlands ¹²⁾ 30

가 44%

가 가

가 가

가 ⁷⁾

가

가 ¹⁾

가

가

가

가

(CT)

가

가

55%

Streptococcus, Staphylococcus, Proteus species

가 Peptococcus, Peptostreptococcus, Bacteroides fragilis가 ¹⁵⁾

가

Spires ¹⁶⁾ 32%

25% , 64%

4가

(invasion)

6 7

(localization)

(enlargement)

(termination)

¹⁵⁾

gadolinium MRI

CT

2 3

CT 14) CT

scan 100% 가

가

가 (abscess stalk) 가

10 30%

중심 단어 :

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