

## 이비인후과질환 환자의 응급실 내원 현황

박 선 태 · 이 광 선

## Clinical Analysis of Emergency Patients with Otolaryngological Diseases

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## - ABSTRACT -

**Background and Objective :** The purpose of this study is to provide a basic data of the distribution of emergent ENT patients to prepare proper and prompt management in the emergency room. **Materials and Method :** A total of 2,376 medical records of otolaryngologic patients who visited emergency room (ER), from Feb. 1995 to Dec. 1996, were reviewed. **Results :** A total of 97,388 patients visited ER and the otolaryngologic patients were 2,376 (2.44%). The ratio of male to female was 55 : 45 and 0 -9 year-old age group was the most frequent. The most common disease was the inflammatory disease of the ear (40%) and 92% was acute otitis media. Next most common diseases were inflammatory disease of the head and neck (11%), epistaxis (11%), foreign body (10%), vertigo (9%), and trauma (7%) in order. Acute pharyngotonsillitis was the most common inflammatory disease in head and neck (70%). In the trauma, the most common site was the ear (68%) and a Q-tip like stick trauma was the most common (41%). Frequent material of the foreign body was fish bone and the sites were pharynx and larynx (36%). In vertigo patients, benign paroxysmal positional vertigo (66%) was the most frequent one. The admission rate from ER was 3.1% and 15% of total admission patients was the peritonsillar abscess. (**J Clinical Otolaryngol 1999;10:71-75**)

**KEY WORDS :** Emergency patients · Otolaryngologic diseases.

서 론

가

, (耳)

: 1999 2 27

: 1999 5 16

: , 138 - 736

388 - 1

재료 및 방법

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1995 1

1996 12

2

결 과

발생 빈도

1995 1 1996 12 2  
97,388  
2,376 2.44%  
1,300 1,076 1.

2 : 1

0 9 1,067 (45%)  
가  
10 255 (11%), 20 234 (10%), 40 223 (9%), 30 218 (9%)

(Fig. 1).

6 254 (11%) 가  
4 252 (11%), 5 226 (10%), 10 219 (9%), 9 216 (9%) , 가  
1 144 (6%)

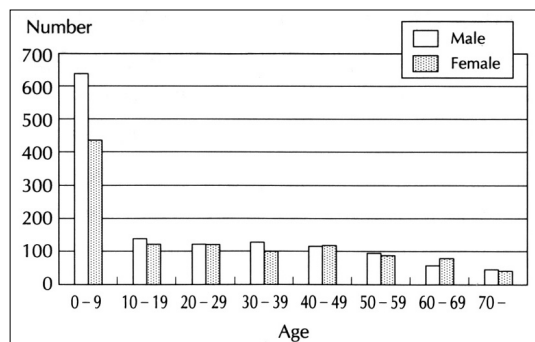


Fig. 1. Age/Sex distribution. 0 - 9 year-old age group is the most frequent group.

618 (26%) 가  
415 (17%), 318 (13%)  
247 (10%) 가  
43% 가  
가

질병별 분포

(耳) 953 (40%)  
267 (11%), 266 (11%),  
230 (10%), 217 (9%), 177 (7%),  
27 (1%)  
127 (5%)

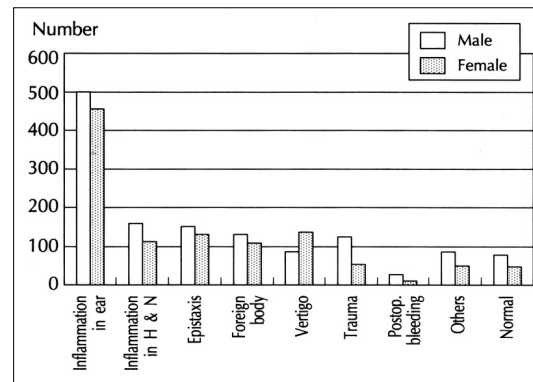


Fig. 2. Disease group distribution. The most common disease is the inflammatory disease of the ear.

(Bell's palsy), (impacted cerumen), emical cautery 가 31 (12%) ,  
 , (temporomandibular joint pain), (Kiesselbach's plexus)  
 , , (dacry -  
 ocystitis) .  
 112 (5%) 가 26 (10%) .  
 가 .  
 , 가 .

(Fig. 2).

(耳)  
 881 (92%) , (benign paroxysmal positional vertigo)가 143  
 26 (3%), 23 (3%), (66%) 가 , (vestibular neu -  
 7 (1%), 5 (1%), 2 (0.5%) ronitis) 33 (15%), (Meniere's disease)  
 29 (13%), 8 (4%) .

가 83 (36%) 가 ,  
 188 (70%) 가 , 73 (32%), 54 (23%), 17 (7%),  
 17 (6%), 16 (6%), 2 (1%)  
 14 (5%), 8 (3%), 6 1 .  
 (2%), 6 (2%) 가 가 90 (39%),  
 (thyroglossal duct cyst) 47 (20%), 35 (15%),  
 (herpangina), 9 (4%), 5 (2%) 가 가  
 가 가 ,

206 , , , , , , ,  
 (78%), 9 (3%) , , 가 , , , , , ,  
 가 30 (19%) .

가 78 (29%) 가 , (el - 가 120 (68%)  
 electrocautery) 가 71 (27%), Albothyl 가 , 27 (15%), 17  
 (policresulen solution) (ch - (10%), 4 (2%) .

6 (0.3%)

가

73 (41%) 가 ,

가 74

가 11 (15%) 가 ,

가 9 (12%), 8 (11%),

가 31 8 (11%), 8 (11%),

(18%), 6 (8%), 6 (8%),

가 29 (16%), 15 5 (7%), 5 (7%), 4

(8%), 10 (6%), (barotrauma) 8 (5%), 2 (3%), 2 (3%)

(5%) (Fig. 3).

응급실 처치 후 결과

고 찰

가 1,245 (52%)

가 2.44% Kim <sup>1)</sup> Lee <sup>2)</sup>

Choi <sup>3)</sup>

가 가 1

가 가 가 가 가

1,043 (44%)

80 (3.4%) 74 Mark <sup>4)</sup> Kim <sup>1)</sup>

(3.1%) Lee <sup>2)</sup> Choi <sup>3)</sup> 가

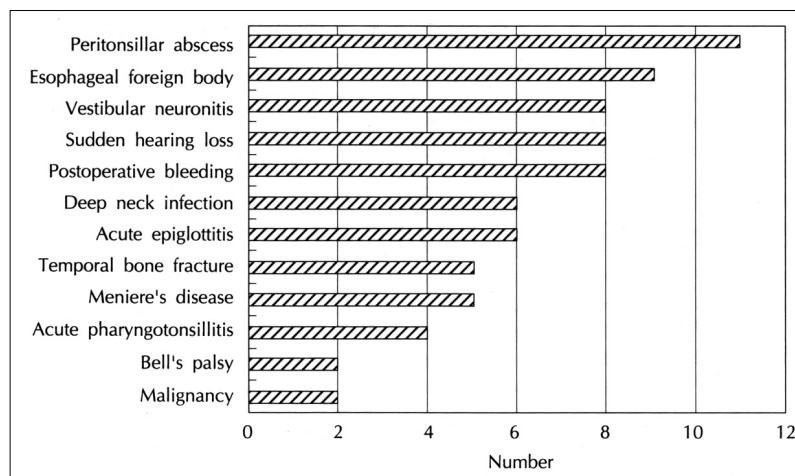


Fig. 3. Diagnosis of admitted patients. The most common diagnosis of admitted patients through emergency room is peritonsillar abscess.

Lloyd<sup>5)</sup>, Kim<sup>1)</sup>, Lee<sup>2)</sup>, Choi<sup>3)</sup>

요 약

가 1995 1 1996 12 2  
 97,388  
 2,376 (2.44%)  
 55 : 45  
 0 9 가 45% 가  
 27.8% 가 , 가  
 가  
 6) (耳) 40% 가 ,  
 11%, 11%, 10%, 9%,  
 7%  
 92%  
 70% 가  
 가 가 36%,  
 41%, 가 66%  
 가 , , , 가 3.1% ,  
 Dix - 15% 가

Hallpike

중심 단어 :

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Kim<sup>1)</sup>, Lee<sup>2)</sup>, Choi<sup>3)</sup>

가

가 가

가 가 Lee<sup>7)</sup>