

무선주파수 열응제(Radiofrequency Thermal Ablation)를 이용한 편도축소술후에 발생한 경부 괴사성 근막염 1예

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Cervical Necrotizing Fasciitis as a Complication of Tonsillotomy by Radiofrequency Thermal Ablation

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—ABSTRACT—

Necrotizing fasciitis is a highly aggressive infectious process characterized by spread along fascial planes. This process can rapidly involve overlying skin, subcutaneous tissue, muscle, and other adjacent soft tissue structures. The infection, bacterial in nature, can result in ischemia and necrosis of these tissues, with subsequent overwhelming sepsis and death. So rapid diagnosis and early surgical debridement was essential in cervical necrotizing fasciitis. Radiofrequency thermal ablation (RFTA) is an attractive and promising treatment modality for various disease such as obstructive sleep apnea (OSA), turbinate hypertrophy, tonsillar diseases. The success of RFTA in the treatment of OSA is well documented, but complications are not as well documented. There is no reports about cervical necrotizing fasciitis as a complication of RFTA. So we present a case of cervical necrotizing fasciitis complicated by RFTA (Cobulator[®]) tonsillotomy in an immunocompetent adult host. (J Clinical Otolaryngol 2004;15:119-122)

KEY WORDS : Tonsillotomy · Radiofrequency thermal ablation · Necrotizing fasciitis.

서 론

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2 - 4)

5)6)

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가 가

ofrequency thermal ablation)

(radi-

1 micromonicin(sagacin[®]), clindamycin

증례

48 가

(probe)
(tonsillotomy, tonsil reduction)

1 가

가 16,800/mm³

2 dexamethasone 5 mg

4 가

5 가

(Fig. 1). 6 가

(strap
muscle) (sternocleidomastoid muscle)

가 가 가

가 22,350/mm³ 가

93.2%

169 mg/dl 가

가

가

가 Klebsiella pneumoniae Peptostreptococcus 가

3 가 7,860/mm³

7 64.9%

11 가

ampicillin+sulbactam(sulbacillin[®]),

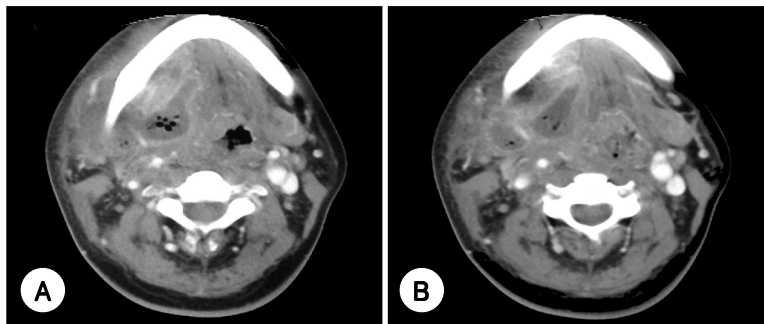


Fig. 1. Axial CT scan demonstrating progressive multiple abscess with air (A) and airway obstruction (B) due to abscess and oropharyngeal swelling (posttonsillotomy 5 days).

고 찰

1871 Joseph Jones가 ' hospital gangrene ' 가 1952 Wilson ' necrotizing fasciitis ' 가

13) Pazos 가 14) 1)

가 가 8)9) 10) lipase, hyaluronidase, streptokinase 11) (AIDS) (immunocompetent) 12)

Pazos¹⁴⁾ 가 Pazos 가 (nidus) 14)

가 (sleep - disordered breathing) 13) mm

Streptococcus viridans, Streptococcus pyogenes, Staphylococcus aureus, Hemophilus influenza, Neisseria Bacteroides melaninogenicus, Fusobacterium, Veillonella, Peptostreptococcus 가 15)16) Klebsiella pneumoniae Peptostreptococcus 가

47~90 (ionic agitation) 24 가 13) 72

가 17) Sonne Gr- oup A - hemolytic streptococcus가

가
 1) 가
 가
 가
 5
 가 90%
 가
 가
 가

중심 단어 :

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