

하행 괴사성 종격동염 3예

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Descending Necrotizing Mediastinitis : Report of Three Cases

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ABSTRACT

Cervical necrotizing fasciitis (CNF) is a rare but well-known, rapidly fulminant polymicrobial infection of subcutaneous tissues. It is characterized by progressive destruction of fascia and adipose tissue, with sparing of the overlying skin and muscle in the initial stage. CNF may rapidly spread into the thorax along fascial planes, and the associated diagnostic delay makes this descending necrotizing mediastinitis, the most lethal form of mediastinitis, with a mortality of approximately 40 per cent. So aggressive multidisciplinary therapy with surgical drainage is mandatory. We present three cases of descending necrotizing mediastinitis with literature review. (Korean J Otolaryngol 2005;48:1055-9)

KEY WORDS : Cervical necrotizing fasciitis · Descending necrotizing mediastinitis.

1 :
44
10
30 , 1 2~3
10 ,
가
2 , 4
2-4)
가 9
5)6)
4
13
3
4
10 kg 가
: 2005 1 3 / : 2005 3 28
: , 442 - 721 5
: (031) 219 - 5269 · : (031) 219 - 5264
E - mail : chkim@mdhouse.com
142 / , 38.2
Dopamine

100/70 mm/Hg
가 90%
52,170/ul, 90%, BUN/Cr 52.5/
1.8, OT/PT 157/64, PT/
PTT 13/46 가 fibrin 650, D - dimer 1.5, 가
FDP 20.0 가 10
2 :
81 5
20 , 10
(Fig. 2).

20 cc가 15 × 8 cm

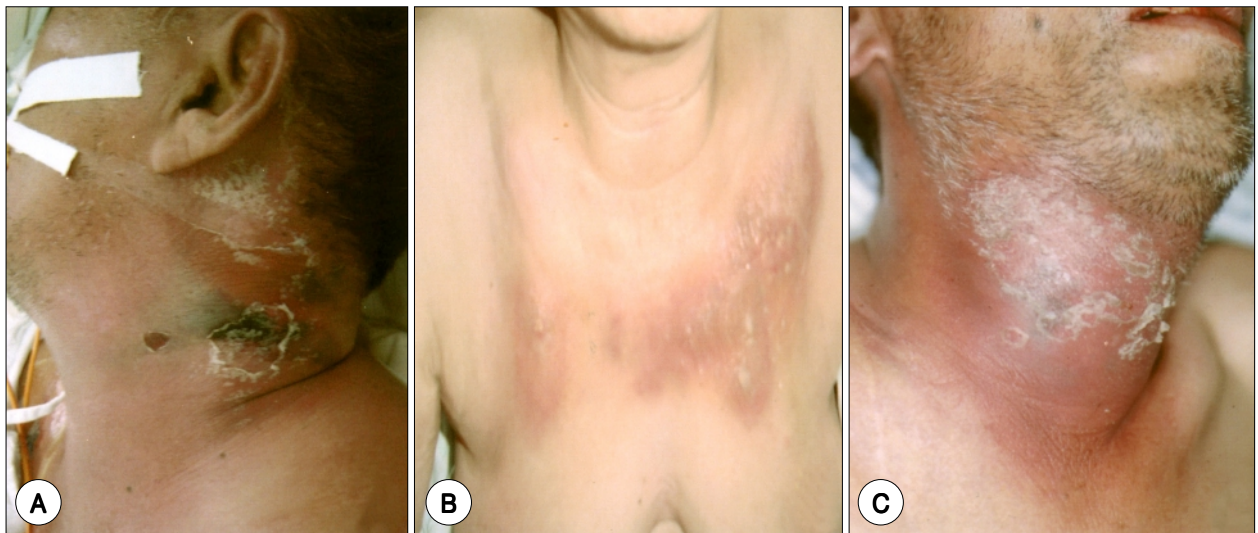


Fig. 1. A and C : Marked swelling with central necrotic skin on left lateral neck was noted preoperatively in case 1 (A), case 3 (C). B : Erythematous vesicular lesion on anterior chest wall skin was noted in case 2.

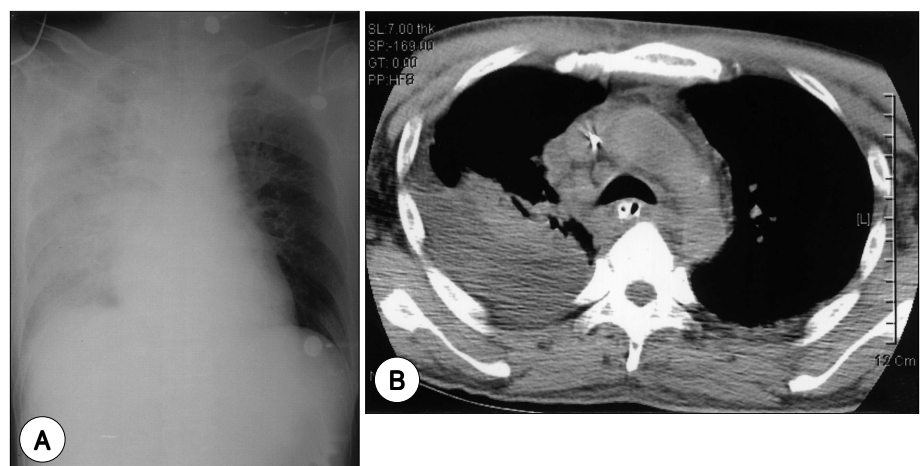


Fig. 2. A and B : Left empyema in right chest and mediastinitis were noted in case 1.

81.2% . 6,600/ul, 가 44
1
2
2 cc 3 : 7
 β - 3 52 1
1 cc 15 , 10
4
(Fig. 1B). 6

(Fig. 3).

Unasyn, Amikin, Clindamycin

(Fig. 1C),

10
Imipenem, Tieman, Vancomycin

3

가

(sinus)가

Fig. 3. A : Cellulitis on anterior chest wall were noted in case 2 (arrow). B : Low density soft tissue lesion on both paratracheal and posttracheal area compatible to mediastinitis were noted in case 2 (arrow).

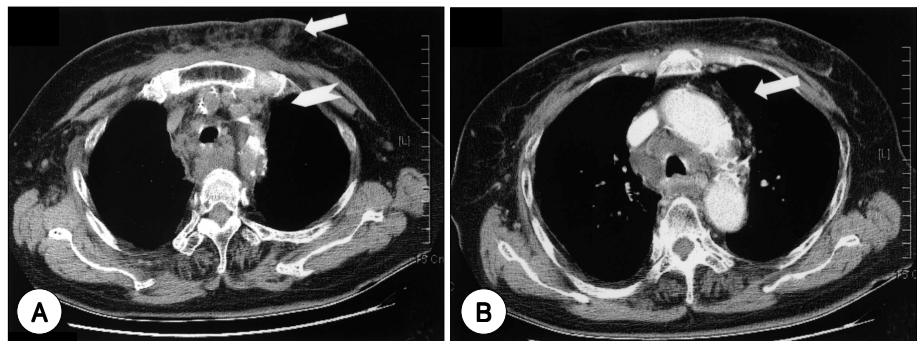
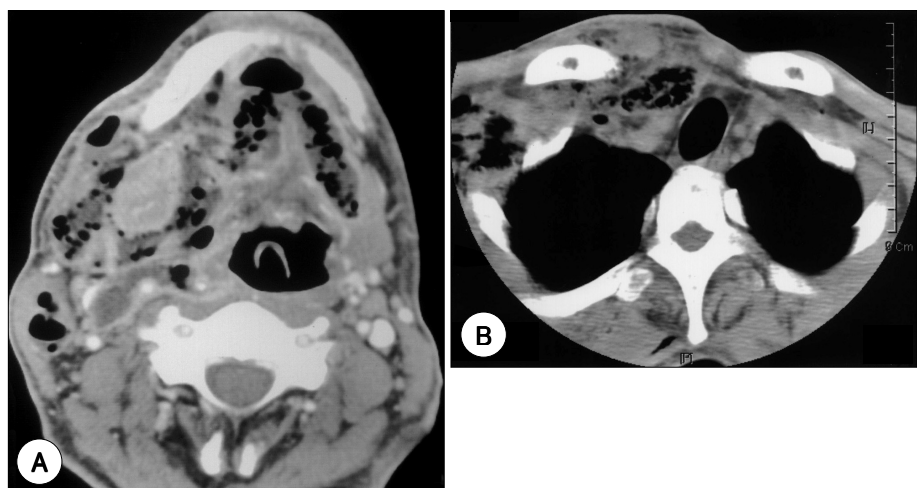


Fig. 4. A : multiple abscess with gas according to fascia plane of neck in case 3. B : Abscess with gas in upper mediastinum was noted in case 3.



18,710/ul, 86% BUN/Cr 71.5/1.6

(Fig. 4).

(air - fluid level

),

(retrovisceral space)

. 10 × 7 cm

Citro-

*bacter*가

media *Peptostreptococcus*가

Levofloxacin, Clindamycin

4

40%

가

Methicillin

Vancomycin

가

가

17

27

가

11

10)11)

12)

가

5)

(standard posterolateral thoraco-

tomy),

(median sternotomy),

(transthoracic via subxyphoid or clamshell

excision) 4가

5)13)14) Estrera

가

가

40%

8) Corsten

53% 81%

12)

Bong 15)

2

가

Roberts

5)

가

가

2 1

3
가

가
가 1

40%

5)
1

가
가 가

가
가
가
가

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