

## 건강한 성인에서 발병한 *Listeria Monocytogenes* 급성심내막염 1례

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= Abstract =

### A Case of *Listeria Monocytogenes* Endocarditis in Apparently Healthy Adult

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About 50 cases of *Listeria monocytogenes* endocarditis were reported in worldwide literature in 1950-1995. Though clinical and laboratory data suggest a similarity with other types of bacterial endocarditis, the prognosis is more unfavorable and the mortality rate is higher. However, there has not been a report in Korean literature.

We report a case of 55 year-old male with rapidly progressive native aortic endocarditis caused by *L. monocytogenes*. He had neither history of underlying cardiac disease nor definitive predisposing factor. He presented mild dyspnea, chest pain and febrile sensation for a week. Echocardiography showed large vegetation in aortic valve and severe aortic regurgitation. *L. monocytogenes* grew on blood culture. We underwent artificial aortic valve replacement due to rapidly progressive heart failure. A thromboembolism occurred at right femoral artery on postoperative 2nd day was removed successfully. He discharged without any sequelae.

**KEY WORD** : *Listeria monocytogenes* endocarditis.

서 론

1929 Nyfeldt가 *Listeria monocytogenes*

1). *Listeria monocytogenes*

가  
 50 가  
 L. monocytogenes  
 가  
 (native valve)  
 L. monocytogenes 1  
 증 례  
 : , 57  
 :  
 :  
 : 1  
 : 3  
 :  
 : 120/80mmHg,  
 38.2 , 84 / , 32 /  
 Grade III

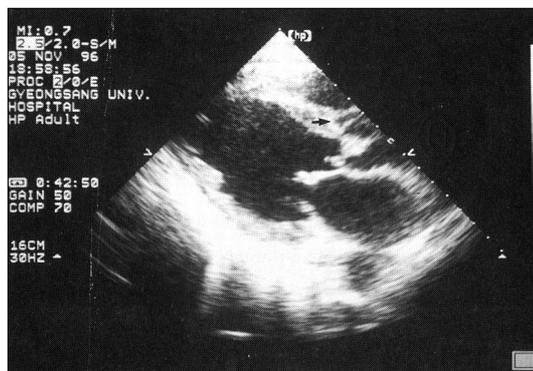


Fig. 1. Transthoracic echocardiography shows 12 x 10mm and 3 x 5mm sized echogenic mass and suspicious aortic root abscess (arrow).

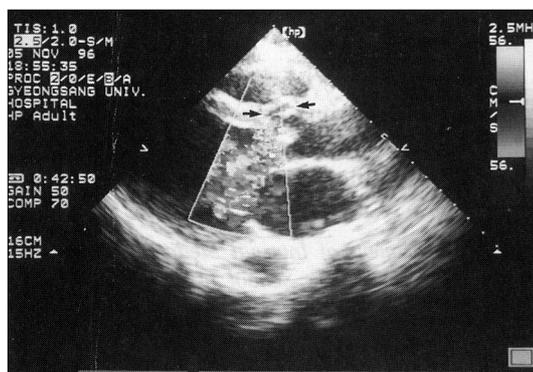


Fig. 2. Transthoracic echocardiography shown severe aortic regurgitation and suspicious aortic root abscess (arrow).

(Fig. 2)  
 splinter hemorrhage Osler's node, Janeway  
 lesion : 12.5g/dl, 14690/mm<sup>3</sup>  
 68%, 22%, 7%  
 164.000/mm<sup>3</sup> ESR 58mm/hr  
 30mg/dl, (2+)  
 6.5g/dl, 3.1g/dl, SGOT,  
 SGPT, ALP 34 IU/L, 58 IU/L, 135 IU/L  
 HBsAg/Ab (-/-), HCV - Ab (-)  
 1.2Cm x 1.0Cm  
 vegetation (Fig. 1) 가 x 1 x 1.5Cm  
 12  
 Vancomycin 1g 24 Amikin 750  
 mg 4  
 (Gram positive rod) (Fig.  
 3) Listeria species  
 5  
 (Fig.  
 4)  
 (Right coronary cusp)  
 (Left coronary cusp) vegetation  
 2.5  
 Sin -

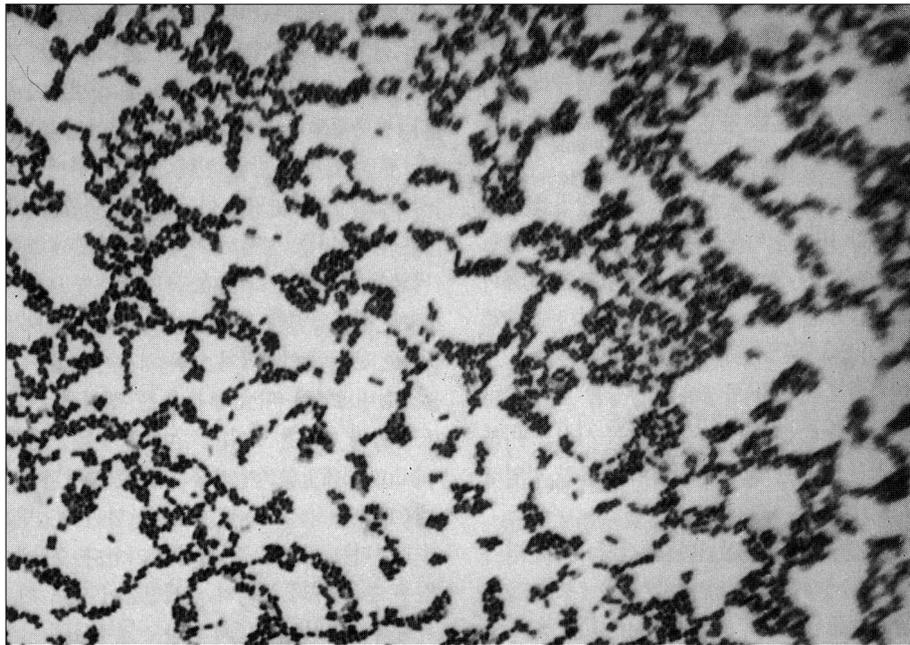


Fig. 3. Gram positive rod was seen in gram stained smear of the blood culture.

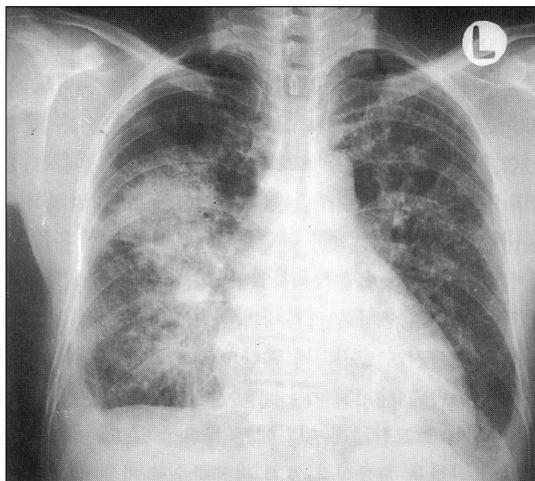


Fig. 4. Preoperative Chest PA shows severe preoperative pulmonary edema pattern.

us of valsalva

2

boli

Fogarty

가

10Cm  
septic em -  
3Cm

37  
가 . 6  
: 3 , 3  
1 -  
Vitek  
Systems(bioMeriux, USA)  
spp. , Listeria  
ciprofloxacin,  
clindamycin, vancomycin, teicoplanin, erythromycin,  
gentamycin , penicillin, cep -  
halothin, oxacillin, imipenam  
lactamase catalase , CAMP  
" tumbling motility "가  
. L. monocytogenes Lis -  
teria O Antisera type 1, 4 and Poly가  
(Bacto, DIFCO lab., USA) Listeria O Ant -  
isera 1

고 찰

L. monocytogenes



In Vitro penicillin, ampicillin, erythromycin, tetracycline, vancomycin trimethoprim/sulfamethoxazole penicillin ampicillin gentamicin L. monocytogenes

24 Amikin 750mg  
5  
2  
Fogarty

18-23),  
가  
penicillin  
ampicillin aminoglycoside

6

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6 8  
cephalothin  
24)  
가  
cephalosporin  
25)  
1 vancomycin/gentamicin

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26)가  
penicillin allergy  
48 59%  
12-13)  
가

가  
요 약

L. monocytogenes 1950 1995  
50 가 가

1  
55

Listeria monocytogenes  
1  
vegetation  
12 Vancomycin 1g

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