

심장 이식후 면역억제 치료 중 발생한 Listeria Monocytogenes에 의한 뇌막염 1예

가

권진일 · 김영준 · 최경림 · 최상진 · 김은아
정원호 · 손민수 · 오세진 · 최인석 · 신익균

Meningitis due to Listeria Monocytogenes Following Orthotopic Heart Transplantation

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ABSTRACT

We report a first case of meningitis due to listeria monocytogenes after cardiac transplantation in Korea. This patient is a 40-year-old man with Dilated cardiomyopathy, he presented with intermittent dyspnea and abdominal distension for about 1 year. After cardiac transplantation, he was treated with azathioprine, cyclosporine and prednisolone for graft rejection. He was presented with intermittent fever, headache and lethargy for about 10days after cardiac transplantation. Listeria monocytogenes was isolated from blood culture and CSF culture. He was treated with intravenous penicillin G for 10days successfully and changed with ampicillin for 10days, took oral ampicillin for 10days without any complication after discharge. (**Korean Circulation J 1998;28(9): 1616-1619**)

KEY WORDS : Listeria monocytogenes · Meningitis · Heart transplantation.

서 론

가¹⁻⁴⁾

cyclospo -

rine, corticosteroid

, , , ,
가⁵⁻⁸⁾
가 ,

: 1998 8 6

: 1998 9 25

: , 405 - 220

1198

. Mason⁹⁾ Britt¹⁰⁾ 1970

가

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가 가

listeria monocyto -

genes 가
yrogenes 1 listeria monoc -

증례

: , 40 ,
:
: 1



Fig. 1. *Listeria monocytogenes* in Gram stain of cerebrospinal fluid. Note resemblance diphtheroids.

가 , 1997 8 17
azathioprine, cyclosporine
prednisolone 10
가 :
: 90/50 mmHg, 88 / ,
38 , 20 / ,
Ker -
nig's sign Bruzinski's sign

: Penicillin G 500 IU 6
L. mo -
nocytogenes ampicillin 1.5 g 4
ampicillin 7 37.5
10.0 g/dl, 8,120 /mm³
(67.2%) , ESR 10 mm/hr, CRP

고안

11.3 g/dl,
21,300/mm³(88.2%, 11.8%)
260,000/mm³, ESR 21 mm/hr, CRP +4
6.14 g/dl, 2.93 g/dl, Total bilirubin 5.5 mg/dl, AST 22IU/L, ALT 15IU/L, ALP 103IU/L
22 mmHg ,
288/mm³(85%, 15%),
27/mm³, Sugar 44 mg/dl, protein 150 mg/dl
listeria monocytogenes가 (Fig. 1),

(13.6%) (corticosteroid, azathioprine, antithymocyte globulin)
1-4)
aspergi -
llus, candida, cryptococcus, coccidioides, toxoplasma,
listeria, klebsiella .¹⁰⁾ *Listeria* somatic(O), flagellar(H)

가
가 가 ,
listeria monocytogenes ,
20)

가 10 penicillin G ampicillin 10
4 ampicillin

0 1/mm³,

6-8)
ampicillin penicillin
aminoglycoside가

3 13.5% 4~6

0 44% penicillin G 320,000 480,000 units/kg/day ampi -
cillin 200 300 mg/kg/day, 6 가 .

10)11) Penicillin trimethoprim - sulfamet -
hoxazole 15~75 mg/kg/day 8

cryptococcus neoformans, listeria mono -
cytogenes coccidioides immitis
Marson azathioprine prednisolone
가

9-12) liste -
ria

. L. monocytogenes in vitro
(penicillin, chloramphenical, erythromycin,
tetracycline, sulfonamides)
15-18)

erythromycin, tetracycline, chloramphenicol
가 listeria 가
가 pen -

cillin ampicillin cephalosporin
11)13) Mckinnon(1961) penicillin,
chloramphenicol streptomycin
meningitis ,
Louria, Hall, White
ampicillin penicillin
8)14)17)
cyclosporine, aza -
thioprine prednisolone
가
listeria monocytogenes
가 listeria monocytogenes
penicillin G
listeria monocyto -
genes가 ampicillin 7
37
4~6

penicillin G 320,000 480,000 units/kg/day ampi -
cillin 200 300 mg/kg/day, 6 가 .

Penicillin trimethoprim - sulfamet -
hoxazole 15~75 mg/kg/day 8

요 약

가 가

listeria monocytogenes 1

중심 단어 :

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