

Listeria Monocytogenes

1

= Abstract =

Early-Onset Sepsis Due to *Listeria Monocytogenes* in a Extremely Low Birth Weight Infant

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Listeria monocytogenes is one of the important causes of neonatal sepsis and listerial neonatal infection manifests in two forms: Early-onset sepsis syndrome, associated with spontaneous abortion, still birth, preterm labor, granulomatosis infantiseptica, respiratory distress, sepsis, hemodynamic compromise and late-onset listeriosis mainly associated with meningitis. Cases of neonatal listeriosis reported in Korea have been rare and all were full term newborns. We, herein, report a case of early-onset sepsis due to *L. monocytogenes* in a extremely low birth weight infant who were born in a critical condition and succumbed in the second day of life despite the intensive care.

Key Words : *Listeria monocytogenes*, Neonatal sepsis, Extremely low birth weight infant

terea monocytogenes group B *streptococcus*, *Escherichia coli*

3

Listeriosis

Listeria

가

가

Listeria diphtheroid

Listeria

2)

26

listeriosis가

690g

가

¹⁾. *Lis-*

L.

*monocytogenes*가

:

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246 : 7 2 2000

pH 7.23, pCO₂ 32.7mmHg, pO₂ 63.9mmHg, HCO₃
13.8mmol/L, 88.8% .

가

: , , 1 ,

가

: . 1

: 26 690g

. Apgar score 1 1 , 5 1

:

ambu-

bagging

ampicillin cefotaxime

23

3

29

31

*L. monocytogenes*가

26

amikacin, ampicillin, cefazolin, gen-
tamicin, kanamycin, methicillin, penicillin
lincomycin .

36.5 , 160 /

L. monocytogenes ,

diphtheroids

가

: 1 11.3g/dL,

34.6%, 10,800/mm³ (25%,

21%, 40%, 5%,

2 15/ 100WBC), 76,000/mm³ 2

6.3g/dL, 47,700/mm³,

39,000/mm³

1 +, 3 +, 3 +, 0 2 /HPF,

/HPF 235mg/dL .

B (Rh) .

가

⁴⁾ .

pH 6.87, pCO₂ 98mmHg, pO₂ 24.5mmHg,
HCO₃ 18.3mmol/L, 18.9%

L. monocytogenes

inlA, *hly*, *actA* *plcB*

hly *L. monocytogenes*

가

2

hemolysin listeriolysin O
(LLO) . LLO

14.3 ³⁾ .
⁵⁾ .
가 ,
가 .
⁶⁾ . *Listeria*
 , group B strep-
tococcus
가
AIDS
CD4 + T 가
Listeria 가 . *Listeria* type 4b
Listeriosis
listeriosis 가 ⁶⁾ .
1951 Potel *L. monocytogenes*가
 ,
가 ⁷⁾ . *Listeria*
가 3 2
 , ,
 . listeriosis
⁸⁾ .
listeriosis
3 50% ³⁾ .
Listeria
 .
60% ⁹⁾ .
1.5 ³⁾ .
'granulomatosis
infantisepticum'
 .
¹⁰⁾ .
MRI CT

¹¹⁾ . PCR
Listeria
T
Listeria
ampicillin gentamicin
 . Penicillin
Listeria 가 sulfamethoxazole/trimeth-
oprim ampicillin
 . Chloramphenicol
가
cephalosporin 가 . Erythromycin
tetracyclin 가 .
ampicillin 2
ampicillin
gentamicin 3 .
6

, 4 6 가
¹³⁾ Ronald
 가
 listeriosis SLE ¹⁴⁾
¹⁶⁾, ¹⁷ ¹⁹⁾,
²⁰⁾, ⁴⁾
 . *Listeria* 4
 37
 7 1 , 7
 3 . 1 3
 , 10 . 3
 1
 39 , 1,760g , 1
 38 , 3,200g ¹⁶⁾
 26
 listeriosis 가 .
 26
L. monocytogenes

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