

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 *straptococcus*, *Escherichia coli*

3

Listeriosis

Listeria

가

가

Listeria diphtheroid

Listeria

2)

26

listeriosis가

690g

가

¹⁾. *Lis-*

L.

*monocytogenes*가

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, gentamicin, kanamycin, methicillin, penicillin

lincomycin

: 36.5 , 160 /

L. monocytogenes

diphtheroids

가

: 1 11.3g/dL,

34.6%, 10,800/mm³ (25%,

21%, 40%, 5%,

215/100WBC), 76,000/mm³ 2

. 16가

4b, 1/2b, 1/2a 3가

listeriosis 90%

³⁾.

6.3g/dL, 47,700/mm³,

listeriosis

, 가

39,000/mm³

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

/HPF 235mg/dL

B (Rh)

가

⁴⁾.

pH 6.87, pCO₂ 98mmHg, pO₂ 24.5mmHg,

L. monocytogenes

HCO₃⁻ 18.3mmoL/L, 18.9%

inA, 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
가 3 2 ⁷⁾ . *Listeria*
, ,
. listeriosis
listeriosis ⁸⁾ . ¹¹⁾ . PCR
3 50% *Listeria* ³⁾ . *Listeria* ¹²⁾ .
ampicillin 가
T 가
Listeria
ampicillin gentamicin
. Penicillin
Listeria 가 sulfamethoxazole/trimeth-
oprim ampicillin
. Chloramphenicol
60% ⁹⁾
, 가
1.5 ³⁾ .
cephalosporin 가 . Erythromycin
tetracyclin 가 .
‘granulomatosis’
ampicillin 2
ampicillin
gentamicin 3 .
6
¹⁰⁾ . MRI CT

가
 Ronald
 ECMO
 가
 listeriosis SLE
 listeriosis
 Listeria
 37
 7 1, 7
 3 1 3
 10 3
 1
 39, 1,760g, 1
 38, 3,200g
 26
 listeriosis 가
 26
 L. monocy-
 genes

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