

인수공통전염병의 현황과 관리 정책

Current Status and Issues in Zoonoses Control

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2004 ,

가

,

(1), Zoonoses Anthroozoonoses

. Anthroo , zoo 6 .

, noses . Anthroozoonoses

.

Zooanthroponoses ,

가

Amphixe-

1.

1) : (Ra-

noses . bies), (Anthrax)

2003 (SARS) 2004 2) 가 (

) : (Foot

and mouth disease), (Newcastle disease)

3) 가 :

(Brucellosis), (Q fever)

2. (Life Cycle, Epidemiological

Pattern) (2)

1) (Direct Zoonoses, Ortho-
zoonoses) :

가 ,

(3). 가

(rabies), 가

(leptospirosis), (anthrax), (bru-
cellosis) 가 .

2) (Cyclozoonoses) : 가

2 ,

(echinococcosis) .

3) (Metazoonoses) :

(life cycle) , .

. 14 15

가 (extrinsic incubation
period)가 .

(yellow fever), (plagues), .

(schistosomiasis) .

4) (Saprozoonoses) : 1973 2003 30 25

(life cycle) ,

(, ,)가 .

(histoplasmosis), (vis- (USCDC)

oel larva migrans) 가 .

* ,

* , 가

* ,

* ,

* , 500 , 2004 4,057 가
 * , . 2000 2004
 (742)가 가 , (679),
 (4) (619), (548), (401),
 (394), (316) .

1.

1) 2)
 1 (1907 ~ 2000
 1929), 2 (1948 ~ 1954), 3 (1962 ~ 2002 1 2004 48
 1965) . 가 , 2002 1
 .
 1922 Pasteur No. 2 vaccine 1970
 - (Sterne) (73.8%) (15.4%)가
 . 가 1994 2 (90% .
 ,), 1995 1 (), 2000
 2 ()가 .

3.

1)
 2)
 가 가 가
 , 2002 2004
 가 3 가
 , 가 1,013 38% 385
 가 41.5% 가
 1995 2 2000 5 , (39.1%), (35.7%), (36.7%)
 , .

가 1998
 1 가 , 2003

2.

1) 2004
 302 , 51
 1955 2 2 vero - toxin
 1985 100 , 1990 .

2)

2000

가 , 2001 11 2004 118 5.

가 . 2001 가 1)

가 1980

, 2004 1

가 .

2001 1 , 2002 1 , 2003 10

. 2004 4,940

4. 3,057 가 (61.8%)

1) , 3,792 1,270 가 (

1984 33.5%)

8 1993 100% 가

가 ,

(23.5%), (23.2%), , 가 가

(8.8%) (19.9%) ,

.

가

2)

10 92

2) , 10 0.1

1984 1 가

1999 가

1999 2000 , 2003 , 2004 1~2 가

,

,

.

5 3 .

6. CJD, vCJD, BSE

5 1)

3 , 3 (BSE) 1996 8

1. 10 (: ,)		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	가	1	0	0	0	0	2	0	0	0	0
		2	0	0	0	0	5	0	0	0	0
	가	322	620	912	988	666	1,375	806	940	1,088	4,057
		-	-	-	-	-	-	0	1	16	48
	가	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	11	8	50	118
()		0	2	10	26	21	14	10	35	13	10
		6	3	9	34	14	14	20	31	10	7
		1	0	1	1	8	3	5	14	8	9
		0	0	0	0	1	1	0	0	2	1
	가	-	-	-	-	-	0	1	1	10	1
		0	0	0	3	1	0	1	6	1	0
BSE CJD vCJD	(BSE)	-	0	0	0	0	0	0	0	0	0
	(CWD)	0	0	0	0	0	0	2	0	0	10
	(CJD)						0	5	8	19	14
	vCJD	-	-	-	-	-	0	0	0	0	0
HPAI		-	-	-	-	-	-	-	-	80,730	34,400
		-	-	-	-	-	-	-	-	43,158	6,043
		-	-	-	-	-	-	-	-	0	0
LPAI		-	-	-	-	-	-	-	-	131,040	203,389
		-	-	-	-	-	-	-	-	0	16,000

: BSE = Bovine Spongiform Encephalopathy
CJD = Creutzfeld - Jacob Disease
HPAI = High Pathogenic Avian Influenza

CWD = Chronic Wasting Disease
vCJD = variant Creutzfeld - Jacob Disease
LPAI = Low Pathogenic Avian Influenza

2004 12 8,680 2)
2001 8 가 vCJD 2004 CJD/
가 vCJD 47
CJD 가 vCJD
. 2004 .

2.

1.	: (rendering)
2.	(closed herd) (population control) :
3.	
4.	HACCP(Hazard Analysis Critical Point)
5.	(animal identification)
6.	
7.	가
8.	

7.

1)		SARS
(HPAI)		
2003	12	10
, 12 12		
H5N1		
6		
2004	3	20
7 . 19		
3km 가 560		
2)		가
(H5N1,		
21		
H7N7)		



가

6. CJD/vCJD

CJD / vCJD

2005 2
, CJD



7.

WHO

가

가

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- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
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- 9.
- 10.