

# 해완동물과 기생충 질환

## Parasitic Zoonosis Transmitted by Pet Animals

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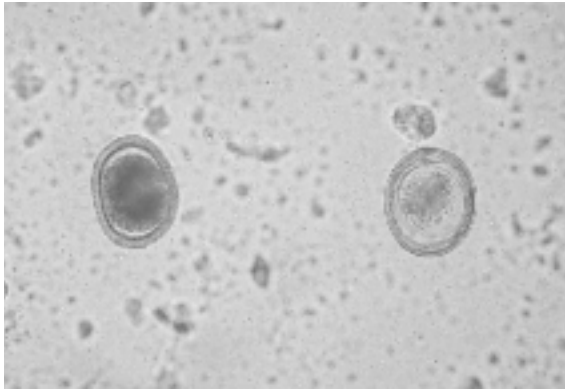
## Abstract

The growing popularity of dogs and cats as pet animals in Korea, together with high rates of ascarid and hookworm infections among these animals, has resulted in widespread contamination of the soil with infective eggs and larvae in playgrounds and school yards. Several reports indicated that the prevalence of parasites in soil from playgrounds of kindergarten, elementary schools and residential areas in both urban and rural areas of Korea was as high as 33.3%. With several cases of ocular toxocariasis among Koreans being reported, larva migrans of young people caused by pet animal parasites should be recognized. Although rabies is by far the most dangerous zoonotic pathogen from dogs, children are more commonly exposed to various zoonotic parasites such as roundworms, hookworms or giardia originated from pet animals. Several parasites of dogs and cats that can be transmitted to pet owners are discussed.

**Keywords :** Zoonosis; *Toxocara*; *Giardia*; *Sarcoptes*; Larva migrans; Pet animals

4 (http://  
www.ontooniverse.com/)가  
6  
21.7%, 21.3%  
1  
가 가 가  
가 가  
가 88 1990  
,  
, 가  
가 . 가  
, (Double Income No Kids)  
가  
가  
2002 700 가 1,000  
,  
2005 4  
가 가

1.	
•	•
	( <i>Bartonella henselae</i> )
Q ( <i>Coxiella burnetii</i> )	Q ( <i>Coxiella burnetii</i> )
•	•
	2001
	3 11
	가 650
	, 39 (6.0%)
	41
	(1).
	2002 , ,
(ringworm)	, 가
	165 1,114
	28 (16.9%)
가 가 ,	(2).
	가 30.0%
(rabies)	.
	가
	, ,
가	368 25
가 (6.8%)	, ,
( 1).	13.9 2.4%
가 (3).	



: (*Toxocara canis*)  
 : (*Toxascaris leonina*)  
 Size of eggs : 85 × 75 μm  
 1.

5  
 150 40 (26.7%)  
 (4).  
 33.3%

50  
 32 (21.3%)  
 9.5%

## 1. (Toxocariasis)

가  
 (*Ascaris lumbricoides*) 가  
 가

1992  
 503 297  
 (59%)가 가  
 (*Ancylostoma caninum*,  
 ) 30.4%, (*Toxocara canis*) 11.1%  
 (*Toxascaris leonina*)  
 (*Trichuris vulpis*) 5.8% 2.4%  
 (6).

2 KBS 1  
 가

0.3 ~ 87%

(5).

1).

3 ~ 81%

(5).

(7).

(ocular larva migrans) .

가

가

, 700

가 (tracheal migration)

(CDC Fact Sheet), 5

가 (8).

(cebral larva migran) ,

(7).

30

가 (9, 10).

2. ?

20

가 2

(visceral larva migrans)

(ocular larva migrans), 가 가

(cebral larva migrans) .

가, , avermectin iver-

mectin, selamectin, moxidectin, milbemycin

가

가 . 가 .

가 10~14 가

가 .

가 .

가 (11).

가 4. (Flea Tapeworm Infection)

가 (Dipylidium caninum) 가 15~70 cm

가

3. 가

(Baylisascaris procyonis) 가

가 가

(11).

가 가 가

가

가 .

가

praziquantel

niclosamide

가

metronidazole

## 5. (Giardiasis)

### 1. (Canine scabies)

가

(Acarina)

30

(Giardia

15

(14).

lamblia)

(12)

(15),

(Mongolian gerbils)

(13)

(Sarcoptes scabiei),

(Otodectes cynotis)

(Demodex

1996

1997

canis)

가

가

297

64

21.5%

가

가

가

가

가

(insect bite)

(papular urticaria)

가

가

(16)

가

(17).

(burrow)

9

•

가

2

1

‘

•

amitraz

1

4 3

1

6

가

3

6

'가'

가



가

(17).

1

1. \_\_\_\_\_

가

가

3. \_\_\_\_\_

가

가

4.

가

- 228 - 32
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