

Foster Office: (303) 751-5772 Ext 7290

Foster Emergency Line: (720) 334-1422

## Guide to Treating Ringworm in a Foster Home

Your foster pet has been confirmed to be positive for dermatophytosis. Dermatophytosis, more commonly known as ringworm, is a fungal infection of the skin. The treatment process for ringworm can take up to 60 days. Ringworm can be spread between animals and humans.

We are extremely appreciative that you have decided to take on a ringworm foster! These animals have a long treatment process and your willingness to let them go through that process in your home **is very appreciated!**

*This Quick Reference Guide will help guide you in treating your foster pet for ringworm in your home!*

### **Supplies you will need during treatment (Foster Coordinators will provide all the supplies):**

#### **Medicated Shampoo**

- You will need this for bathing your foster pet twice weekly. (We recommend Monday/Thursday baths)
- 1 Cup Shampoo will be mixed with 1-gallon water

#### **Rescue Cleaner**

You will be providing a spray bottle with dilute Rescue cleaner that can be used when cleaning hard surfaces in your foster room.

#### **Toothbrushes**

- Once weekly you will need to brush your foster pet with a sterile toothbrush (collecting ringworm spores) and bring the toothbrushes to the foster department to submit for cultures (**Please do this on Sunday**).
  - When brushing the foster pet always start by running the toothbrush neck to tail, down each leg, ending with the paws and face. Please brush any lesions **LAST**, to prevent spreading the ringworm to other areas of the body.
  - This process **cannot** be completed within 3 hours of a medicated bath. If you have bathed your foster with rescue shampoo, you will need to wait 3 hours, post-bath, to brush with toothbrush.
  - Ringworm cultures take a minimum of 2 weeks to get definitive results.
  - All ringworm positive animals *must* have two consecutive negative ringworm cultures before moving along in the system, so please bring these in every week!
- Please keep these toothbrushes sealed until you use them. Please store the toothbrush in a clean ziplock bag after brushing your animal and bring the sealed bag into the foster office.

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- **Itraconazole**
  - This is the liquid oral medication that your foster cats and kittens will be receiving **once daily for 7 days, every other week**, while on quarantine for suspicion of ringworm or after confirmation that they are ringworm positive.
  - Guinea pigs undergoing ringworm treatment will receive oral meds daily with no off weeks.
  - Dogs undergoing ringworm treatment on terbinafine tablets will receive oral medications daily with no off weeks.
  
- **Scale**
  - All foster pets under 6 months of age will need to be weighed weekly to determine a new dose of antifungal medication. You may use a kitchen scale, but if you do not have one, we can provide one.
  
- **Personal Protective Equipment (PPE)**
  - PPE must be worn when handling foster pets, as ringworm is contagious to other animals and humans!
  
- **New Bedding/Toys, Other Supplies**
  - All items that cannot be easily bleached/wiped down should be thrown away. All items kept in the foster room should be washed thoroughly with bleach in a 1:32 dilution. It is **especially** important when keeping a ringworm foster pet in your home that you are keeping your designated foster room extremely clean. It is best to deep clean the room twice a week, performed at the time of the kittens bi-weekly bath.

#### **Cleaning Your Foster Room Bi-Weekly**

- Environmental decontamination includes thorough basic cleaning focused on removal of dust (spores) and followed by a 10-minute soak using Accel at normal concentration (sent to the foster home in a spray bottle).
- All bedding in foster home should be replaced with clean laundry/bedding. Dirty laundry can be thrown away or washed with the 1:32 bleach dilution and sent through the dryer for 45 minutes at high heat.

#### **Bathing Your Ringworm Kitten:**

- 1) Place your foster animal in a carrier.
- 2) Perform bi-weekly cleaning and replace bedding.
- 3) Prepare 1 cup of accel shampoo with 1 gallon of warm water. Have 1 washcloth and 1 towel ready for each animal.
- 4) Using a clean washcloth for each foster, saturate the washcloth and wipe your foster animal until their fur is saturated to the skin. Pay special attention to in-between the toes, bottom of the feet, armpits/inguinal area, tail. Please be careful when wiping around the nose, mouth, and eyes.
- 5) After the animal's bath, the shampoo needs to air dry. You can wrap your kitten in a dry towel but do not rub dry or use a blow drier. The shampoo needs to air dry to work effectively.
- 6) Your foster animal can now go into their clean foster room with their fresh bedding.

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### **Deep Cleaning Your Home After Ringworm Exposure.**

- Environmental decontamination includes thorough basic cleaning focused on removal of dust (spores) and followed by a 10-minute soak using Rescue at the higher concentration (8oz/gallon) concentration. (sent to foster home in a spray bottle). When deep cleaning **after the foster animal has left the home**, this process should be performed 3 times.
- Carpeting and fabrics should be vacuumed or laundered frequently to reduce spore contamination.
- Foster parents are welcome to research carpet cleaning solutions to use in the foster home. There are anti-fungal cleaning solutions that can be used that may help reduce the risk of ringworm spores remaining in the home environment.

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## Treatment Checklist

**Week One: From \_\_\_\_\_ to \_\_\_\_\_**

- Foster pet received DTM brush and bath in shelter
- Initial weight of foster pet(s) \_\_\_\_\_  
Initial dose of medication: \_\_\_\_\_  
Is this a highlighted week?    Yes: Please give oral meds        No: Just give bi-weekly baths  
\*\*If your animal is on terbinafine tablets, they will receive meds every day, while in care.  
\*\*If your foster is a guinea pig, they will receive itraconazole daily
- Second bath of week one completed
- Update foster of any changes, supplies in need, etc.

**Week Two: From \_\_\_\_\_ to \_\_\_\_\_**

- New DTM brush sample taken before next bath
- First bath of the week completed -Monday
- New weight of foster pet(s) \_\_\_\_\_  
Updated dose for medication \_\_\_\_\_  
Is this a highlighted week?    Yes: Please give oral meds        No: Just give bi-weekly baths  
\*\*If your animal is on terbinafine tablets, they will receive meds every day, while in care.  
\*\*If your foster is a guinea pig, they will receive itraconazole daily
- Second bath of week one completed-Thursday
- Update foster of new weights, any changes, supplies in need, etc.

**Week Three: From \_\_\_\_\_ to \_\_\_\_\_**

- New DTM brush sample taken before next bath
- First bath of the week completed -Monday
- New weight of foster pet(s) \_\_\_\_\_  
Updated dose of medication \_\_\_\_\_
- Is this a highlighted week?    Yes: Please give oral meds        No: Just give bi-weekly baths  
\*\*If your animal is on terbinafine tablets, they will receive meds every day, while in care.  
\*\*If your foster is a guinea pig, they will receive itraconazole daily
- Second bath of week one completed -Thursday

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- Update foster of new weights, any changes, supplies in need, etc.

**Week Four: From \_\_\_\_\_ to \_\_\_\_\_**

- New DTM brush sample taken before next bath

- First bath of the week completed -Monday

- New weight of foster pet(s) \_\_\_\_\_

- Updated dose of medication \_\_\_\_\_

Is this a highlighted week? Yes: Please give oral meds No: Just give bi-weekly baths  
\*\*If your animal is on terbinafine, they will receive meds every day, while in care\*\*

- Second bath of week one completed- Thursday

- Update foster of new weights, any changes, supplies in need, etc.

**Week Five: From \_\_\_\_\_ to \_\_\_\_\_**

- New DTM brush sample taken before next bath

- First bath of the week completed -Monday

- New weight of foster pet(s) \_\_\_\_\_

- Updated dose of medication \_\_\_\_\_

Is this a highlighted week? Yes: Please give oral meds No: Just give bi-weekly baths  
\*\*If your animal is on terbinafine, they will receive meds every day, while in care\*\*

- Second bath of week one completed- Thursday

- Update foster of new weights, any changes, supplies in need, etc.

**Week Six: From \_\_\_\_\_ to \_\_\_\_\_**

- New DTM brush sample taken before next bath

- First bath of the week completed on Monday

- New weight of foster pet(s) \_\_\_\_\_

- Updated dose of medication \_\_\_\_\_

Is this a highlighted week? Yes: Please give oral meds No: Just give bi-weekly baths  
\*\*If your animal is on terbinafine, they will receive meds every day, while in care\*\*

- Second bath of week one completed on Thursday

- Update foster of new weights, any changes, supplies in need, etc.

Foster Staff

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- When an animal is started on ringworm treatment while in a foster home please email the Healthcare Supervisor Team and the designated “derm surveillance agent”.
- When the foster parent returns with the toothbrush sample please complete the following:
  - Remove the toothbrush (while wearing gloves) and lightly tap the toothbrush on the agar at center of the DTM plate and swirl in circles to the edge of the plate. Make sure to spread the sample evenly across the surface.
  - Label the base of the DTM plate (the same side as the agar) using black permanent marker and include animal number, species, date of sample collection and your initials.
  - Place the DTM in the sealed plastic box in the entry vestibule of LTMC.
  - Enter a treatment type of “DTM CULTURE” with a **blank subtype**.
- Itraconazole dosages for kittens should be set for 7 days at a time and foster staff should create a new treatment screen each time the dosage is adjusted. The updated weight should be included on this screen.
- Adult cats will not need their doses adjusted weekly as kittens do. They will need to be given oral meds and baths on highlighted weeks and only baths on non-highlight weeks. Same as kittens and the cats on treatment in the shelter.
- Once an animal has two negative cultures Health Care will contact the foster department via email and notify them that the animal is ready to be moved along. Health Care will update the record with appropriate release and flow notes.
- Cats and kittens that are suspicious for ringworm or that we are quarantining for 2 weeks and monitoring their DTM for growth, will need to be started on ringworm treatment. They need to be isolated and handled the same way that a RW+ animal would be handled.

### Foster Staff and Parents:

- Per the highlighted treatment calendar, foster animals on Itraconazole will need to be given oral meds and bathes on the highlighted weeks and given baths **only** during the nonhighlighted weeks (no oral meds)
- Animals that are on Terbinafine will receive oral medication daily. They do not need to follow the highlighted schedule.

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2020

January

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

print-a-calendar.com

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### Dosage Chart

Itraconazole 10mg/ml with 5mg/kg dose:

Weight (lbs)	Dose (mLs)
0.5	0.1
0.75	0.15
1	0.2
1.25	0.3
1.5	0.35
1.75	0.4
2	0.45
2.25	0.5
2.5	0.55
2.75	0.6
3	0.7
3.25	0.75
3.5	0.8
3.75	0.85
4	0.9
4.25	0.95
4.5	1.0
4.75	1.1
5	1.2
6	1.4
7	1.6
8	1.8
9	2
10	2.3
11	2.5
12	2.7
13	3
>13lbs: see DVM for dosing	

Terbinafine 250mg/tablet:

wt. in lbs	# tablets
7-10 lbs	0.50 tab
10.5-13	0.75 tab
13.5-17	1 tab
17.5-20	1.25 tab
20.5-23.5	1.50 tab
24-26.5	1.75 tab
27-30.5	2 tabs
31-34	2.25 tab
34.5-37	2.50 tab
37.5-39.5	2.75 tab
40-43.5	3 tabs
44-47.5	3.25 tab
48-50.5	3.5 tab
51-54	3.75 tab
54.5-57.5	4 tabs
58-60.5	4.25 tab
61-64.5	4.5 tab
65-68	4.75 tab
68.5-71	5 tabs
71.5-74.5	5.25 tab
75-78	5.5 tab
78.5-81	5.75 tab
81.5-84.5	6 tabs
85-88.5	6.25 tab
89-92	6.5 tab
92.5-94.5	6.75 tab
95-98	7 tabs
98.5-100	7.25 tab