



## UNUSUAL EATING HABITS IN DOGS

### Definitions

Dogs will sometimes eat socks, rocks, or other objects, which may result in a variety of problems for both you and your pet. Not only can your possessions be destroyed or damaged, but these items can produce life-threatening blockages in your pet's intestines. Eating non-food items is called **pica**. A specific type of pica is stool eating (either their own or that of another animal) and, while not necessarily dangerous to the animal, is probably unacceptable to you. Stool-eating is called **coprophagy**.

The causes of pica and coprophagy are not known. Many ideas have been proposed by various experts, but none have been proven or disproven. Such behaviors may sometimes be attention-getting behaviors. If engaging in one of these behaviors results in some type of social interaction between the animal and his owner (even a verbal scolding) then the behavior may be reinforced and occur more frequently. These behaviors may be attempts to obtain a necessary nutrient lacking in the diet, although no nutritional studies have ever substantiated this idea. They may stem from frustration or anxiety. It is also possible the behaviors began as play, as the animal investigates and chews on the objects, and then subsequently began to eat or ingest them.

It has been suggested that coprophagy is carried over from the normal parental behavior of ingesting the waste of young offspring. Some experts believe coprophagy occurs more often in animals that live in relatively barren environments, are frequently confined to small areas and/or receive limited attention from their owners. Coprophagy is fairly common in dogs, and is seen more often in dogs that tend to be highly food-motivated. It's also possible that dogs learn this behavior from other dogs.

Because pica and coprophagy are behaviors that are not well understood, stopping them may require assistance from an animal behavior professional who works individually with owners and their pets. A variety of specialized behavior modification behavior techniques may be necessary to resolve these problems (see our handout: "When the Behavior Helpline Can't Help").

### Coprophagy

#### Suggested Solutions:

Because the cause of coprophagy isn't known, there are no techniques or solutions that are consistently successful. The following techniques may, or may not be effective in resolving the problem.

- Treat your dog's food with something that causes his stool to have an aversive taste. A commercial product called "4-BID" is available through your veterinarian, or the same results may be achieved by using the food additive, "MSG." Based on owner's reports, both of these products appear to work in the some cases, but not always. Before using either of these products, please check with your veterinarian.
- Treat your dog's stools directly with an aversive taste by sprinkling them with cayenne pepper or a commercial product, such as "Bitter Apple." For this method to be effective, every stool

your dog has access to must be treated in order for him to learn that eating stools results in unpleasant consequences. Otherwise, he may discriminate by odor, smelling which stools have been treated and which have not.

- Any time your dog goes outside, he must be on a leash with you. If you see him about to ingest some stool, interrupt him by using a shake can (only for pets that aren't afraid of loud noises) then give him a toy to play with instead. Praise him for taking an interest in the toy.
- The simplest solution may be to clean your yard daily in order to minimize your dog's opportunity to eat his stools.
- To stop a dog from eating cat feces from a litter box, install a baby-gate in front of the litter box area. Your cat shouldn't have any trouble jumping over it, while most dogs won't make the attempt. Or, you could place the box in a closet or room where the door can be wedged open from both sides, so your cat has access, but your dog doesn't. Any type of environmental "booby-trap" to stop a dog from eating cat feces from a litter box must be attempted with caution because if it frightens your dog, it's likely to frighten your cat as well.

#### **Health Risks:**

In Colorado's dry climate, parasites are not as much of a problem as in other parts of the country. If your dog is parasite-free and is eating only his own stools, he can't be infected with parasites by doing so. If your dog is eating the stools of another animal that has parasites, it may be possible, although still unlikely, for your dog to become infected. Some parasites, such as giardia, cause diarrhea, and most coprophagic dogs ingest only formed stools. There is also a delayed period before the parasites in the stools can re-infect another animal.

Most parasites require intermediate hosts (they must pass through the body of another species, such as a flea) before they can re-infect another dog or cat. Thus, your dog is much more likely to become infected with parasites through fleas or by eating birds and rodents than by coprophagy. Most parasites are also species-specific, meaning that dogs cannot be infected by eating cat stools. Health risks to humans from being licked in the face by a coprophagic animal are minimal. For more information, please contact your veterinarian.

#### **Pica**

Pica can be a serious problem because items such as socks, rocks, and string can severely damage or block an animal's intestines. In some instances, the items must be surgically removed. Because pica can be potentially life-threatening, it's advisable to consult both your veterinarian and an animal behavior professional for help.

#### **Suggested Solutions:**

- Make the objects your dog is eating taste unpleasant with some of the substances mentioned above (see our handout: "Aversives for Dogs").
- Prevent your dog's access to these items.
- If your dog is food-oriented, it may be possible to change to a low-calorie or high-fiber diet to allow him to eat more food, more often, which may decrease the behavior. Check with your veterinarian before changing your pet's diet.
- If you suspect that anxiety or frustration is the reason for pica, the cause of the anxiety or frustration must be identified and then the behavior can be changed using behavior modification techniques. Clicker training for instance is a good behavior modification technique that stimulates your dog's mind and alleviates anxiety and frustration (see our handout: "Dog Clicker Training").
- Sometimes pica is an attention-getting behavior. If this is the case, do not interact with your dog when you catch him ingesting an item, by saying his name or telling him "no," instead try to startle him with a loud noise. If possible, avoid letting him know that the startling noise came

from you. Once he leaves the item alone, lavishly praise him. Try to also set aside 10-15 minutes twice a day to spend with your dog, so that he doesn't need to resort to pica to get your attention.

- If pica is a play behavior, keep the inappropriate items out of reach and provide a selection of appropriate toys (see our handouts: "Dog Toys and How to Use Them").

### **What Doesn't Work for Coprophagy and Pica:**

- Interactive punishment (punishment that comes directly from you, such as verbal scolding) is usually not effective because it may be interpreted by your dog as attention. With interactive punishment, many animals learn to refrain from the behavior when their owner is present, but still engage in the problem behavior when their owner is absent.
- Punishment after the fact is NEVER helpful. Animals don't understand that they're being punished for something they did hours, minutes, or even seconds before. This approach won't resolve the problem and is likely to produce either fearful or aggressive responses from your dog.