**Relationship of Cat Density to Urine Marking (in homes)**

- Single cat household: 25% risk
- 10 cats in household: 100% risk

**Characteristics of Urine Marking**

- Volume
  - Usually small/medium
  - Normal volume in female
- Location
  - Usually near or in indirect line of sight
- Spraying Posture
  - Usually lifts rear, flexes with hind feet
  - Less commonly, displays intermediary urination posture

**Common Locations for Urine Marking**

- Windows or doors
- New objects
- Objects bearing scent of owner or other animals
- High traffic areas/prominent objects
- Electrical appliances and outlets
Stress associated with
- Other household cats
- Cats outside the house
- Visitors
- Dogs
- Residual urine odor

Urine Marking is NORMAL cat behavior

Litter box management
- Same as for inappropriate elimination
- May significantly reduce spraying*

Manage Sources of Anxiety

- Aggression between household cats
  - Management of interactions
  - Management of resources
  - Place bell on aggressor
  - Increasing hiding places in the house

Manage sources of Anxiety

- Anxiety related to cats outside the house
  - Block access to windows
    - www.wallpaperforwindows.com
  - Prevent other cats from entering the yard
    - Contech Scarecrow®
    - www.catfencein.com

Stress...

- Signs of feline stress
  - Decreased movement
  - Sleeps more
  - Reduced grooming
  - Reduced scratching
  - Reduced interest in play
  - Increased aggression
  - Social withdrawal

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This cat does NOT think this is a cute joke.
**Medications**

*Fluoxetine:*
- > 90% of cats showed > 90% reduction when used in conjunction with environmental and litterbox hygiene

**Feliway®**

- Synthetic analog of F3 fraction of feline facial pheromone
- May reduce anxiety associated with urine marking or inappropriate elimination

**Alternative Treatments**

- None have shown demonstrated consistent positive results
  - Rescue Remedy
  - Homeopathy
  - Herbs
Evaluating and Treating Inappropriate Elimination and Urine Marking

- Obtain historical information
- Accurately describe the problem
- Identify the problem
- Identify the cause of the problem
- Treat the problem

Thank you!

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