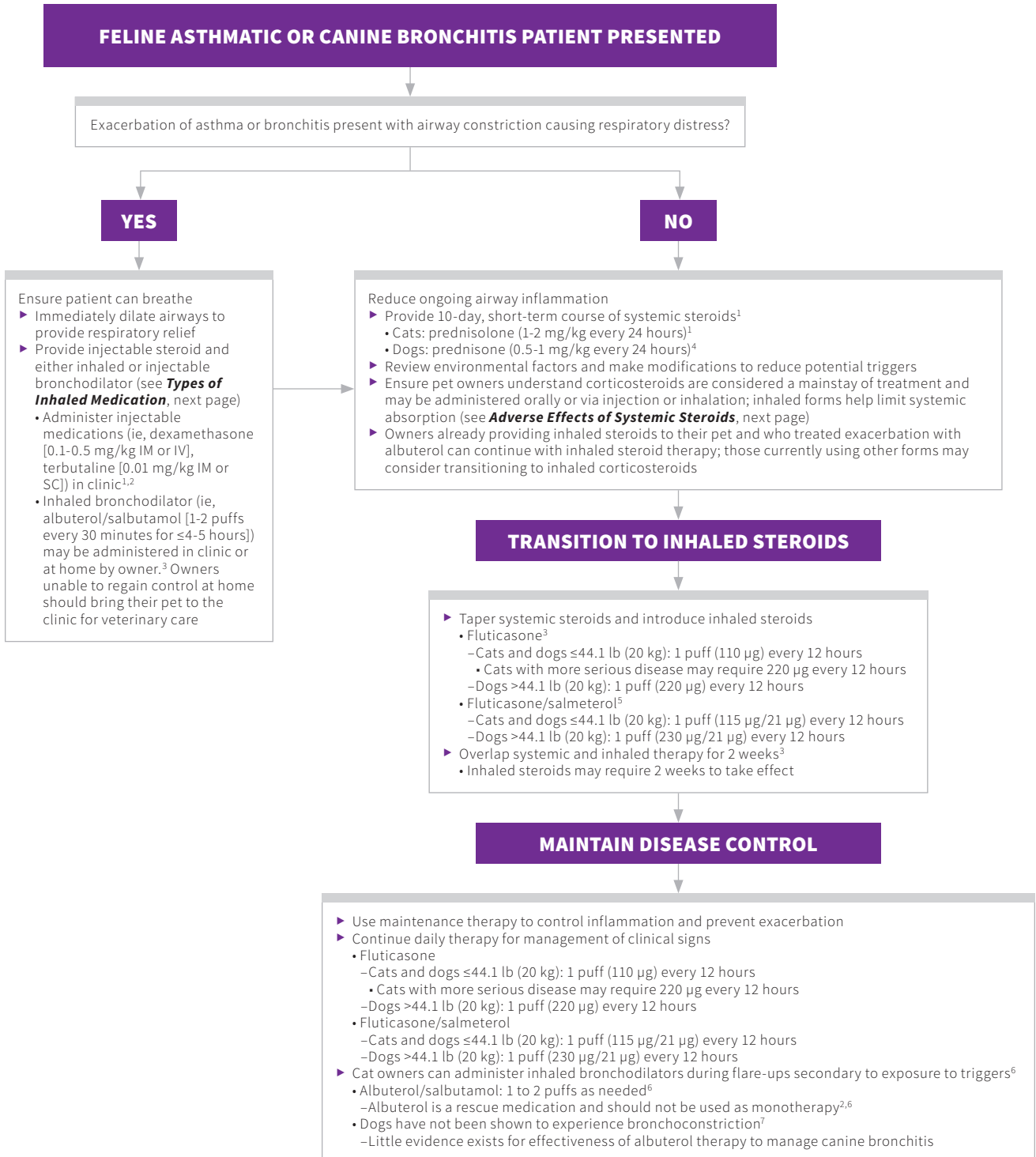


# MANAGING FELINE ASTHMA & CANINE BRONCHITIS

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## TYPES OF INHALED MEDICATION

- Corticosteroids (eg, fluticasone, mometasone, budesonide)
  - Reduce airway inflammation and mucus production
  - Used for ongoing management of conditions even in absence of clinical signs
- Bronchodilators
  - Open airways by relaxing smooth muscles to reduce bronchoconstriction
  - Not to be used as monotherapy
  - Available in short-acting and long-acting formulations<sup>1</sup>
    - Short-acting formulations (eg, albuterol, salbutamol)
      - 4- to 6-hour duration
      - Are considered rescue medications; may help coughing flare-ups and limit need for clinic visits<sup>2</sup>
    - Long-acting formulations (eg, salmeterol)<sup>5</sup>
      - 12-hour duration
- Combination inhalers (eg, fluticasone/salmeterol, budesonide/formoterol, mometasone/formoterol)
  - Often a combination of inhaled corticosteroids and long-acting formulations
  - Reduce inflammation and relax smooth muscle
  - Indicated for disease management, not rescue<sup>5</sup>
  - May be used as a step-up therapy

## ADVERSE EFFECTS OF SYSTEMIC STEROIDS<sup>1-4,8-11</sup>

- Behavioral changes, including aggression
- Lethargy
- Increased thirst and urinary incontinence
- Increased risk for infection (eg, UTI)
- Diabetes mellitus
- Weight gain/obesity
- Vomiting/diarrhea
- Iatrogenic hyperadrenocorticism
- Immunosuppression

## References

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## VIEW

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