

A woman and a young girl are sitting on a grassy path outdoors. The woman is wearing sunglasses, a green cardigan, and a backpack, and is petting a light-colored dog. The girl is wearing a pink shirt and dark pants, and is also petting the dog. The scene is bathed in warm, golden light, suggesting late afternoon or early morning. The background shows trees and a grassy field.

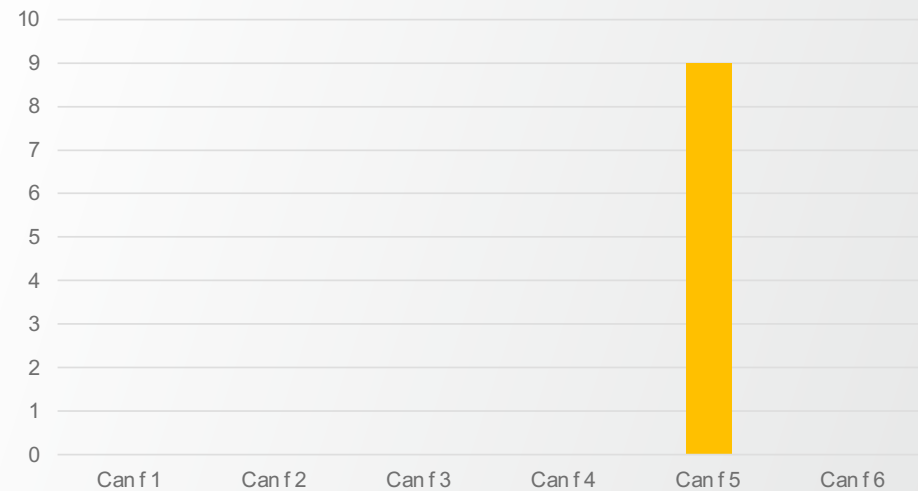
Managing dog allergy

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Up to 32% of people are sensitized to dog dander;¹ how would you manage these patient cases?



- 11-year-old girl
- Asthma, triggered by exposure to some but not all dogs
- No rhinitis symptoms
- IgE dog dander 7.3 kU_A/L



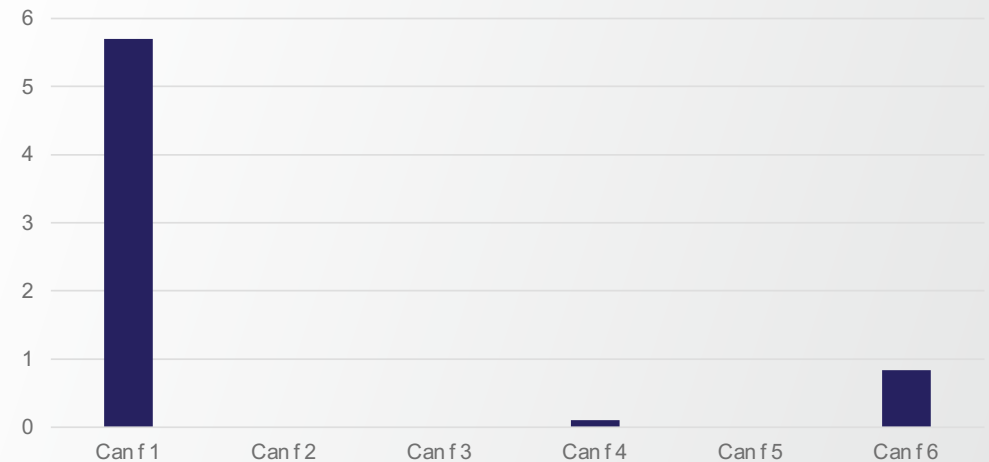
1. Bjerg et al. *Ped Allergy Immunol*. 2015.

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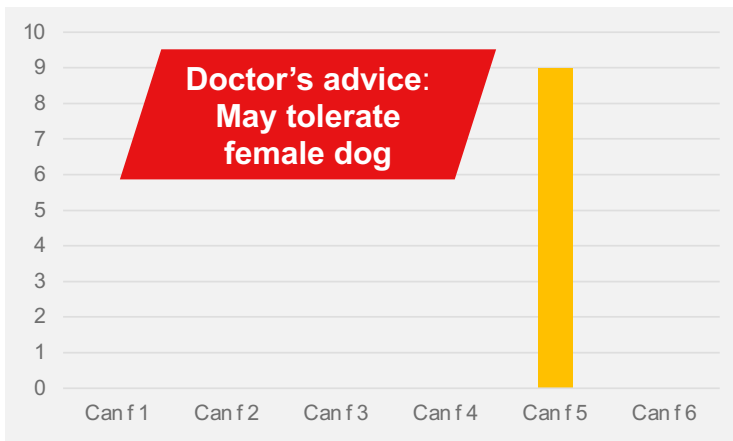
- 11-year-old girl
- Asthma, probably not triggered by dog exposure
- Rhinitis triggered by dog exposure
- IgE dog dander 12 kU_A/L



1. Bjerg et al. *Ped Allergy Immunol.* 2015.

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Specific IgE blood testing for dog components can help identify whether your patient could tolerate a female dog¹⁻⁴



Can f 5 is a major allergen for dog allergy, which is produced in the prostate of unneutered dogs. Up to 30% of dog-allergic patients are monosensitized to Can f 5. Monosensitized patients may tolerate female dogs or castrated male dogs.¹⁻⁴

Additionally, polysensitization for dog allergen components at age 4 predicts risk for rhinitis, conjunctivitis and asthma at age 16.⁵

1. Ansotegui J, et al. A WAO - ARIA - GA²LEN Consensus Document on Molecular-based Allergy Diagnosis (PAMD@): Update 2020. *World Allergy Organization Journal*. 2020; 13: 100091. 2. Schoos et al. *J Allergy Clin Immunol*. 2021. 3. Matricardi P. M. et al. *EAACI Molecular Allergology User's Guide*. PAI 2016. 4. Davila I. et al. *Allergy*. 2018. 5. Asarnoj A, et al. *J Allergy Clin Immunol*. 2016; 137:813-21.