

Testing health descriptions

To support the development of an economic model for a new treatment in peanut allergy, we have designed short descriptions about the impact of peanut allergy on children and their parents/guardians based on information gathered through an online survey that was shared with members of the Anaphylaxis Campaign and Allergy UK. We would like to test our descriptions and fill in some gaps we currently have. In this section, we will share with you the short descriptions we have designed about the impact of peanut allergy on children and their parents/guardians. We would like to hear if this description matches your experience, and if not, we would love to hear how your experience has differed.

We will then be asking you to imagine how the aspects covered in the short descriptions would change if your child was less sensitive to having a reaction to peanut.

1. What is your child's reactive dose?

- ☐ less than half a peanut
- ☐ half to one peanut

Parental impact

Impact on your daily life

You **always** feel anxious and worried. You **very often** feel upset that your child will be exposed to peanuts and feel guilt for your child's allergy. To avoid exposure to the allergen, you avoid normal life activities such as:

- Eating out or attending social events with your child
- Family holidays abroad and air travel

You worry when you leave your child in the care of others (such as at school and nursery or in the care of other family or friends), as you feel others do not understand the severity of the allergy and do not take appropriate precautions. This leads you to **avoid leaving them in the care of others**. Your career opportunities **may be** affected because you are concerned of commuting or traveling too far away from your child. In case of an allergic reaction, you **may have to miss days at work**.

Does everything written above make sense?

Would you agree this average description of how your child's peanut allergy has impacted your daily life reflects your experience?

Is there anything we are missing regarding how your child's peanut allergy has impacted your daily life?

Management

You **always** have to check all food and product labels, including foods and products that you **would not expect to contain peanuts**. You monitor **everything** that comes into the home in a bid to ensure peanuts do not come close to your child. If you leave your child in the care of others, you likely **always** spend time teaching them about your child's condition, how to check and prepare foods, how to spot the signs of a reaction and how to use the adrenaline auto-injector.

Does everything written above make sense?

Would you agree this average description reflects your experience of managing your child's peanut allergy?

Is there anything we are missing regarding how you manage your child's peanut allergy?

Impact on your child

Impact on daily life

They fear food, are anxious around food; they **feel cautious** about accepting food from anyone but their parents. To avoid exposure to the allergen, they **avoid** normal life activities such as:

- Parties, playdates or socializing with friends and family
- Eating around their peers at school

They are **always** aware that they must be more cautious around food and **very often** feel different compared with other children of their age. They **very often** feel isolated from their friends and sometimes embarrassed by their allergy. The choice of their school **may be** limited by how accommodating it is to their allergy. They may **sometimes** miss days at school in case of an allergic reaction, or when there is a potential risk of having an allergic reaction (e.g. school trips).

Does everything written above make sense?

Would you agree this average description reflects your child's peanut allergy impacts your child's daily life?

Is there anything we are missing regarding how your child's peanut allergy has impacted their daily life?

Management

They **very often** feel restricted in what they can eat; either they or their parents **always** have to check all food and product labels, including products that they **would not expect** to contain the allergen.

Does everything written above make sense?

Would you agree this average description reflects your child's experience of managing their peanut allergy?

Is there anything we are missing regarding how your child's experience of managing their peanut allergy?

Parental impact

Impact on your daily life

You **very often** feel anxious and worried. You **sometimes** feel upset that your child will be exposed to peanuts. You may feel guilt for your child's allergy. Normal life activities are impacted but not avoided:

- You **worry** about eating out as a family but **will do this on occasion**. You will attend social activities but will avoid food-based activities such as eating birthday cake
- Family holidays abroad are **stressful but not avoided completely**, extra precautions are needed when travelling by air or air travel is avoided altogether

You worry when you leave your child in the care of others (such as at school and nursery or in the care of other family or friends) but this **does not lead you to avoid leaving them** in the care of others.

Does everything written above make sense?

Would you agree this average description of how your child's peanut allergy has impacted your daily life reflects your experience?

Is there anything we are missing regarding how your child's peanut allergy has impacted your daily life?

Management

You **very often** check food and product labels, including products you **expect** will contain peanuts, but you are **less cautious** about what food gets into the house. If you leave your child in the care of others, you **very often** spend time teaching them about your child's condition, how to check and prepare foods, how to spot the signs of a reaction and how to use the adrenaline auto-injector.

Does everything written above make sense?

Would you agree this average description reflects your experience of managing your child's peanut allergy?

Is there anything we are missing regarding how you manage your child's peanut allergy?

Impact on your child

Impact on daily life

They fear food and feel anxious around food; they **do not feel cautious** about accepting food from anyone but their parents. They **do not avoid** normal life activities such as parties, playdates and socializing with friends and family. However, they avoid food-based activities at social occasions, such as eating birthday cake. They **can** eat around their peers. They are **very often** aware that they must be more cautious around food and sometimes feel different compared with other children of their age. They **do not feel** isolated from their friends but **sometimes** embarrassed by their allergy. The choice of their school **may be** limited by how accommodating it is to their allergy. They **rarely** miss days at school in case of an allergic reaction, or when there is a potential risk of having an allergic reaction (e.g. school trips).

Does everything written above make sense?

Would you agree this average description reflects your child's peanut allergy impacts your child's daily life?

Is there anything we are missing regarding how your child's peanut allergy has impacted their daily life?

Management

They **sometimes** feel restricted in what they can eat; either they or their parents **very often** have to check food and product labels, including products they **expect** will include the allergen.

Does everything written above make sense?

Would you agree this average description reflects your child's experience of managing their peanut allergy?

Is there anything we are missing regarding how your child's experience of managing their peanut allergy?

Imagine your child has a less sensitive allergy

Within this next section we would like you to imagine your child has a less sensitive peanut allergy, with a reactive dose of 1 or more peanuts. We would like to understand how your life, and your child's life would be impacted by this reactive dose change.

* 2. Please indicate how often each of the following aspects of your life would be impacted by your child's peanut allergy reactive dose being increased to 1 or more peanuts:

	Never	Rarely	Sometimes	Very Often	Always
I feel anxious or worried	☐	☐	☐	☐	☐
I feel upset that my child will be exposed to peanut	☐	☐	☐	☐	☐
I feel guilt for my child's allergy	☐	☐	☐	☐	☐
I avoid normal life activities, such as eating out, attending social events, or family holidays, because of my child's peanut allergy	☐	☐	☐	☐	☐
I worry when you leave your child in the care of others (such as at school and nursery or in the care of other family or friends) and avoid leaving my child in the care of others	☐	☐	☐	☐	☐
My career opportunities are impacted because I am concerned of commuting or traveling too far away from my child	☐	☐	☐	☐	☐
My career opportunities are impacted because I have to miss days at work in case of an allergic reaction	☐	☐	☐	☐	☐
I have to check all food and product labels, including foods and products that you would not expect to contain peanuts	☐	☐	☐	☐	☐
I have to check all food and product labels, including foods and products that you would expect to contain peanuts	☐	☐	☐	☐	☐
I monitor everything that comes into the house in a bid to ensure peanuts do not come close to my child	☐	☐	☐	☐	☐
If I leave my child in the care of others, I spend time teaching them about my child's condition, how to check and prepare foods, how to spot the signs of a reaction and how to use the adrenaline auto-injector	☐	☐	☐	☐	☐

* 3. Please indicate how often each of the following aspects of your child's life would be impacted by their reactive dose being increased to 1 or more peanuts:

	Never	Rarely	Sometimes	Very Often	Always
They fear food	☐	☐	☐	☐	☐
They feel cautious about accepting food from others	☐	☐	☐	☐	☐
They avoid normal life activities, such as parties, playdates or socializing with friends and family , because of their peanut allergy	☐	☐	☐	☐	☐
They avoid eating around their peers at school because of their peanut allergy	☐	☐	☐	☐	☐
They are aware they have to be more cautious around food	☐	☐	☐	☐	☐
They feel different compared with other children of their age	☐	☐	☐	☐	☐
They feel isolated from their friends because of their allergy	☐	☐	☐	☐	☐
They are embarrassed by their allergy	☐	☐	☐	☐	☐
The choice of their school is limited by how accommodating it is to their allergy	☐	☐	☐	☐	☐
They miss days of school in case of an allergic reaction, or when there is a potential risk of having an allergic reaction (e.g. school trips)	☐	☐	☐	☐	☐
They feel restricted in what they can eat	☐	☐	☐	☐	☐
They or their parents have to check all food and product labels, including products that they would not expect to contain the allergen	☐	☐	☐	☐	☐
They or their parents have to check all food and product labels, including products that they would expect to contain the allergen	☐	☐	☐	☐	☐

Are there any topics that we did not cover during this interview that play an important role in how the peanut allergy impacts on your or your child's quality of life?

If we have any follow-up questions, could we contact you again?

Do you have any questions for me?