

management and a parent's natural sense of responsibility for the wellbeing of their child, the ever present threat of anaphylaxis means that parents may feel safer managing the burden alone, with fears of "handing over" care to others further inhibiting their quality of life. 14-16 Parents who are instructed to maintain a high level of vigilance as a part of FA management may also experience anxiety and impose excessive restrictions on their child, ¹⁷ which causes concerns for parents when the child transitions towards independence as they experience a loss of control.¹⁸ This has subsequent impacts on the child or young person leading to feelings of isolation,19 with reports of exclusion and bullying not uncommon.²⁰⁻²¹

Figure 1.

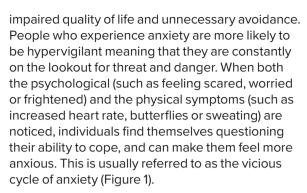
What's the current evidence-based for psychological interventions in food allergy?

Despite the above evidence, access to specialist psychological support is recognised as lacking¹, as are evidenced-based psychological interventions for FA more generally.²² Current evidence predominantly utilises Cognitive Behavioural Therapy (CBT) approaches, which is unsurprising given CBT is the recommended treatment in the UK for people experiencing low mood or anxiety, 23-24 and anxiety being one of the most common difficulties given the uncertain and unpredictable nature of FA. CBT approaches attuning to these keeps individuals safe. are almost exclusively focused on parents of children with FA, particularly mothers, 17,25-26 possibly given the fact that most FA is diagnosed

before the child turns five meaning FA management rests primarily with the caregiver. As parental anxiety has been identified as one of the risk factors of children developing anxiety disorders, it makes sense that recommendations have been made to address excessive parental anxiety and associated restrictive behaviours specifically for children with FAs in a bid to reduce transmission.²⁷ Current evidence shows some support for individualised and group CBT approaches utilising brief and intensive session contact for mothers. 17,25-26,28 At the time of writing, three further randomised controlled trials of manualised, online, group CBT for children aged 11-17 years with FA, adults and parents are currently being analysed.

Why focus on Cognitive Behavioural Therapy for food allergy?

CBT aims to help individuals look at the different situations that they find themselves in, and enable these individuals to understand how their thoughts, physical sensations, feelings and behaviours interact. In CBT, the goal is not to never experience anxiety again, but to learn to manage distressing symptoms, have a more balanced perspective and to not let anxiety impair quality of life. With FAs, as with most long-term conditions, a certain level of anxiety, vigilance, and avoidance is adaptive as However, as demonstrated in some of the research documented above, that level of anxiety can become excessive leading to



Whilst avoiding things (such as certain social situations), might help individuals cope in the short-term and lead to less anxiety in the moment, this doesn't improve general feelings of anxiety and may contribute to longer term feelings of isolation, regret and sadness. By not challenging those anxious thoughts, individuals are unable to disprove their negative or catastrophic predictions. Safety behaviours also serve to keep anxiety going; individuals depend on them to make themselves feel better so they do not learn that distressing emotions (such as anxiety, worry and fear) will reduce and go away on their own.

How does the current evidence meet the psychological needs of individuals with FA and their families?

In addition to the research on CBT approaches for parents of children with FA, other educational interventions were found to improve FA knowledge and management, though the impact of this on psychological wellbeing was not explored.²⁹ Given the lack of specialist psychological care available to those with FA or their parents, and the fact that the majority of people seek health information online, a review of freely available websites for coping with emotional distress related to food allergies has also been conducted.²² This review identified 25 websites (less than half were aimed at children and young people or adults) and all targeted ameliorating anxiety and stress. Multiple strategies were recommended within the websites which were broadly categorised as problem focussed (e.g., managing or altering the person-environment relationship at the source of stress such as reading food labels, carrying adrenaline auto-injectors and making an emergency management plan) and emotion-focussed coping (e.g., regulating the stressful emotion such as normalising, thought challenging, positive self-talk). Possession of a written anaphylaxis management plan has been associated with a reduced number of reactions³⁰ and better self-care behaviours in adolescents³¹. but given the cross-sectional nature of these

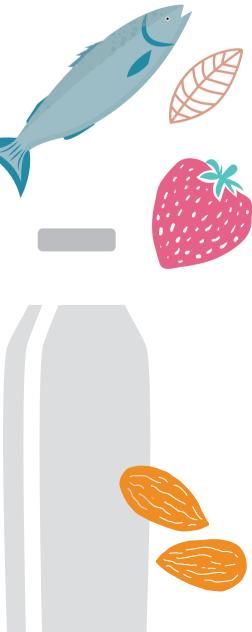
studies, causation cannot be determined. Despite most of the problem solving suggestions making sense from a FA management perspective and unlikely to lead to harm, there is little evidence to support their impact on psychological well-being.

There is more evidence for the benefits of the recommended emotion-focussed coping approaches on well-being. Research suggests that nurturing helpful thinking, positive self-talk, and talking about food allergy as "manageable" rather than "deathly allergic" is associated with better emotional well-being.32 Again, none of these approaches have been explored using experimental methods. Other websites promoted elements from CBT, which we see from the above have some benefit in reducing anxiety in mothers of children with food allergy; however, there remains a current lack of evidence in adult patients or fathers. 17 Other emotion-focussed suggestions included membership of patient support groups, for which there is some encouraging evidence in both young people³¹ and parents¹⁷, but again results are associative. Whilst these websites are freely available to access and could be a starting point in which to signpost individuals or their families who may be struggling with distress related to their FA, a recent trial of a self-help website for improving parent outcomes showed no benefit though subgroup analysis showed some evidence of effect for those with highest levels of depression at baseline.³³

What needs to change to better support the psychological needs of individuals affected by food allergy?

As demonstrated, evidenced-based psychological interventions do exist for parents of children with FA and show some benefit; however, services are under-resourced to deliver these. Research has shown that therapists with no previous experience of delivering CBT can be trained in specific interventions and reach acceptable levels of competence quickly.34 Models of service provision should be evaluated where allied health professionals working with individuals with allergy are trained in these interventions before subsequent pragmatic evaluation of effectiveness on both psychological wellbeing and cost are carried out.

Whilst CBT is the predominant approach for anxiety and provides the greatest evidencebased treatment related to those with FA, the original assumptions of CBT might not \rightarrow



Small Talk | Autumn 2022 Small Talk | Autumn 2022 fit the needs of all clients and so alternative psychological approaches should be considered. At the time of writing, a randomised controlled trial of mindfulness for parents of children with FA is currently in preparation for publication. Diverse interventions are likely to be required to ensure suitability for specific subgroups of individuals with FA and their families. Whilst there are a number of freely available online resources which individuals who are struggling with the emotional aspect of FA may find useful, and could be signposted to, there is no robust evidence to support their effectiveness on psychological well-being. These resources may prove normalising to some, reduce feelings of isolation and improve self-care behaviours, and are unlikely to cause harm in the absence of more intensive support.

In conclusion, the detrimental impact of FA on various aspects of daily living and subsequent psychological well-being is well recognised. However, there is a paucity of access to specialist psychological care and high-quality research evaluating interventions to support all individuals affected by FA and their families. Although limited, the evidence provides an indication that further support in the form of CBT could offer parents, especially mothers, some benefits. The reviewed research suffers from methodologic constraints, which limit the validity of reported outcomes. Future research needs to develop and evaluate a range of accessible, psychologically-informed resources which utilise existing staff within allergy care teams. Research should be holistic in nature, whereby educational and practical information together with psychological awareness of FA is assessed in order to determine the overall impact on well-being. \(\psi\)



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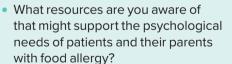


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Continued Professional Development



- How can you ensure better signposting to psychological support in your day-to-day practice?
- What simple strategies might you be able to put in place to ensure the psychological needs of patients and their parents with food allergy are acknowledged?





