

All About Peanut Oral Immunotherapy (OIT)



Peanut oral immunotherapy (OIT) with peanut allergen powder-dnfp (Palforzia®) is an FDA-approved treatment* for children **ages 4 to 17 years** with a confirmed diagnosis of peanut allergy. Peanut allergy occurs when the body's immune system mistakenly identifies even small amounts of peanut as harmful.

The therapy consists of **daily exposure to peanut protein powder** mixed with food like applesauce or yogurt at gradually increasing doses over a six-month period, followed by daily maintenance doses. This exposure helps your child develop a tolerance to peanuts and can reduce the risk and severity of allergic reactions, including anaphylaxis.

Peanut OIT is **not a cure** for peanut allergy. Your child will still need to carry injectable epinephrine and avoid eating peanuts. If your child stops the therapy, the benefits will gradually wear off.

* There are also non-FDA-approved peanut OIT products that your allergist might use for treatment. You can discuss those options with your allergist to get more details.



The treatment process occurs in three phases.

Phase 1 - Initial dosing: During this four-hour first appointment at your allergist's office, your child will receive five increasingly larger doses of peanut OIT in the form of peanut protein powder.

Phase 2 - Up-dosing: After successfully completing the initial dosing phase, your child will receive gradually increasing doses of peanut OIT approximately every two weeks for six months. Each time your child moves up a dose level, they will receive their first dose of that level at your allergist's office and take the remaining doses of that level at home.

Phase 3 - Maintenance dosing: If your child successfully passes through all the up-dosing levels, they will take a maintenance dose of peanut OIT every day at home. Maintenance dosing helps your child continue to tolerate small amounts of peanut protein and is essential for the treatment to remain effective.

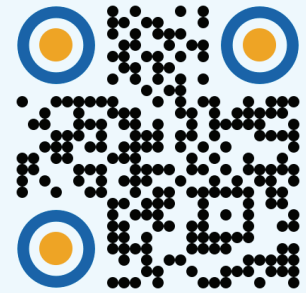
Peanut OIT isn't for children who:

- Have uncontrolled asthma or certain stomach conditions.
- Are unwilling or unable to receive injectable epinephrine.
- Have a medical or physical condition, or are taking a medication, that reduces their ability to survive a severe allergic reaction.

Consult your allergist to see if peanut OIT is right for your child.



To read more about the treatment and possible side effects – and to **watch a short video** with your child about the treatment process – scan the QR code to visit the American College of Allergy, Asthma and Immunology's Peanut OIT webpage.



PeanutOIT.acaai.org

