

Injected Xolair therapy could prevent food allergies in kids

December 21 2023, by Dennis Thompson



A new treatment appears to reduce food allergies in children and teens, according to interim clinical trial results.

A lab-made monoclonal antibody called omalizumab (Xolair) significantly increased the amounts of common foods that children could eat without sparking an allergic reaction, the U.S. National Institute of Allergy and Infectious Diseases (NIAID) [reported](#).

The U.S. Food and Drug Administration is now reviewing an application for omalizumab to treat food allergies, based on these interim results.

The data was collected on 165 children ages 17 and younger who have an allergy to peanut and at least two other foods, NIAID said in a news release.

Those who received omalizumab injections could consume more peanut, egg, milk and cashew products without [allergic reactions](#) than those who received a placebo jab, results showed.

Kids receive the drug in biweekly or monthly injections, according to an NIAID [description](#) of the clinical trial.

These first-stage results have given NIAID the confidence to launch the next stage of clinical trials, which will be conducted at 10 locations across the United States.

Omalizumab has already been approved by the U.S. Food and Drug Administration to treat allergic asthma, chronic hives and [nasal polyps](#), according to the Cleveland Clinic.

In 2017, a small study of 48 people found that 83% of participants could consume 2 grams of two food allergens after receiving omalizumab injections, compared to only 33% of people in a placebo group.

Xolair is developed and marketed by the drug companies Genentech and Novartis Pharmaceuticals, NIAID said. The companies are supplying the medication for the trial, which was funded by NIAID.

More information: The Cleveland Clinic has more about [omalizumab](#).

Copyright © 2023 [HealthDay](#). All rights reserved.

Citation: Injected Xolair therapy could prevent food allergies in kids (2023, December 21)

retrieved 13 May 2024 from <https://medicalxpress.com/news/2023-12-xolair-therapy-food-allergies-kids.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.