

Psychosocial benefit seen with probiotic, peanut oral immunotx

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(HealthDay)—Probiotic and peanut oral immunotherapy (PPOIT) has a

sustained beneficial effect on psychosocial impact of food allergy after end-of-treatment, according to a study published online Oct. 20 in *Allergy*.

Audrey Dunn Galvin, Ph.D., from University College Cork in Ireland, and colleagues evaluated the impact of PPOIT on health-related quality-of-life (HRQL) among 51 participants in a [randomized controlled trial](#). Participants completed questionnaires at pre-treatment, end-of-treatment, and three-months after end-of-treatment. Forty-two participants completed 12-month surveys.

The researchers found that PPOIT was associated with significant improvement in Food Allergy Quality of Life Questionnaire (FAQLQ; $P = 0.02$), with the mean difference at three months post-treatment ($P = 0.05$) and 12 months post-treatment ($P = 0.005$) exceeding the clinically important difference. Similarly, there were significant mean differences in Food Allergy Independent Measure (FAIM) at three months ($P = 0.03$) and 12 months ($P = 0.04$). Among the placebo group, post-treatment FAQLQ and FAIM remained unchanged from pre- to post-treatment.

"Treatment was not associated with reduced HRQL relative to baseline in either PPOIT or placebo groups, indicating that PPOIT was well tolerated and psychological well-being was not negatively impacted," the authors write.

One author disclosed financial ties to the pharmaceutical industry.

More information: [Abstract](#)
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