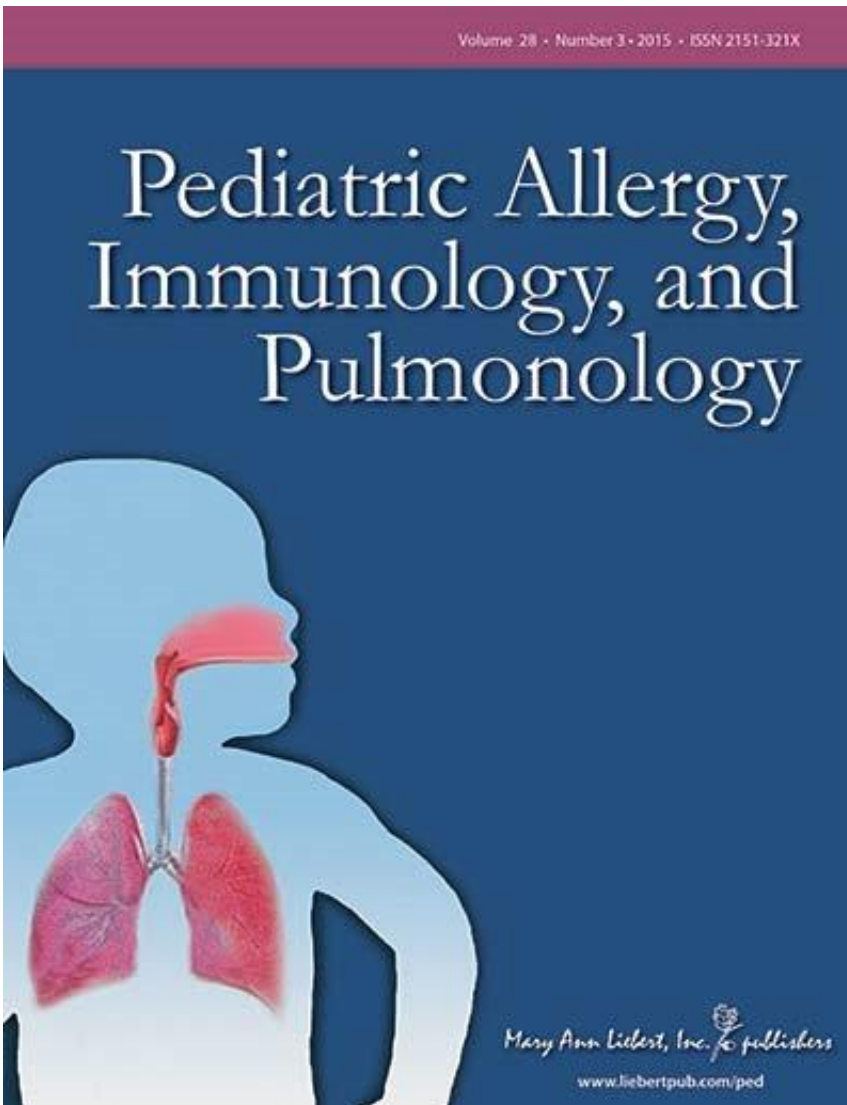


# Home-based educational intervention improves asthma among Hispanic children

November 10 2015

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Credit: Mary Ann Liebert, Inc., publishers

Significant improvements in frequency of asthma attacks and symptoms, hospitalization rates and acute care visits, quality of life, and asthma knowledge were reported among a largely Hispanic population with a high asthma hospitalization following a home-based approach to educating families that have children with asthma. The design, results, and implications of this study are published in *Pediatric Allergy, Immunology, and Pulmonology*.

In the article "[Improving Asthma in Hispanic Families Through a Home-Based Educational Intervention](#)", Genny Carrillo, MD, ScD, MPH, MSPH, School of Public Health, Texas A&M Health Science Center (McAllen) and coauthors from University of North Texas, Health Science Center (Fort Worth), and South Texas College and Rio Grande Regional Hospital (McAllen), report a decrease in overnight hospital stays from 6% to 1% and a drop in the need for a clinic or doctor visit related to problems with asthma from 50% to 31%.

The authors describe an educational intervention targeted to a population near the Texas-Mexico border that is more than 90% Hispanic. Trained community health workers visited participants' homes, providing allergen-proof mattress and pillow covers and information on reducing exposure to asthma triggers.

"As part of an [asthma](#) management team, these community health workers can help build individual and community capacity through health education and self-management training," says *Pediatric Allergy, Immunology, and Pulmonology* Editor-in-Chief Mary Cataletto, MD, Professor of Clinical Pediatrics, State University of New York at Stony Brook (Stony Brook, NY) in the Editorial "[Focusing on High-Needs Hispanic Populations with High Prevalence of Asthma](#)".

**More information:** The article is available free to download on the [Pediatric Allergy, Immunology, and Pulmonology](#) website until December

10, 2015.

Provided by Mary Ann Liebert, Inc

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