

Session/Poster#

Presenter

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Rates of Outpatient Allergy Follow-Up In Patients with Emergency Room Visits for Anaphylaxis

Outpatient management is a crucial facet of care for patients with allergies, especially those who have had emergency department (ED) visits for anaphylaxis. This study assesses how frequently patients with ED visits for anaphylaxis adhere to outpatient allergy appointments after receiving allergy referral upon discharge from the ED.

This was a single-center retrospective chart review that evaluated the rates of outpatient allergy follow-up for pediatric patients that had been seen in the University Hospital of Brooklyn ED for anaphylaxis between 2016 and 2019. Number of outpatient allergist referrals were obtained and compared to number of outpatient allergist appointments made and adhered to.

There were 97 pediatric ED visits for anaphylaxis between 2016 - 2019. 27 patients (30%) were referred to pediatric allergy upon discharge from the ED. Of those patients with referrals, 17 (63%) made and adhered to outpatient allergy appointments. During the appointments, 3 patients (18%) had only skin prick testing (SPT), 10 patients (59%) had only specific IgE blood-work, and 5 patients (29%) had both methods of testing. Between both testing methods, most patients showed sensitization to nuts (75% of SPT and 55% of IgE testing). In 36% of patients, allergy testing via SPT or IgE confirmed the suspected allergic trigger that caused patients to initially present to the ED.

Outpatient allergist follow up after pediatric ED visits for anaphylaxis is lacking and should be more strongly emphasized prior to ED discharge for continued patient care and prevention of repeat ED visits for potentially life threatening allergic reactions.