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S.L.I.T Rush Immunotherapy-Faster reach to maintenance plateau with mixed allergen extract immunotherapy-India

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Introduction: Sub Lingual Immunotherapy (SLIT) Rush immunotherapy was tried on some patients to evolve some faster and affordable immunotherapy modality to make the patient achieve the maintenance plateau within a very short time. Conventional method of immunotherapy is administered with long durations, rush immunotherapy is super-fast methodology in attaining the maintenance/boosting module, which requires hospitalization and other precautionary methods and multiple allergen vaccines to be administered within short span of time. But in this method, it was found that within 15-20 days the relief of the immunotherapy was reached. Nasal ointment reduces allergic rhinitis symptoms.

Material & Method: 186 patients out of which 48 with urticaria allergy and 138 with allergic rhinitis & bronchial asthma were selected. The therapy consists of administration of four vials of mixed allergen extracts of Pollens HDM and insects, 1st vial: 1:25.00, 2nd vial 1:2.5, 3rd vial 1:25, and 4th vial 1:10 dil. The 1st & the 2nd concentrations were administered in daily 6 hourly schedules in a graphically rising manner. The patients had been given pre-medication. Blood examination and IgG & IgE level estimation were done before & after 8 weeks. The Allergen extracts were procured from All Cure Pharma Pvt.Ltd, Bahadurgarh, Harayana, of Allergens of Herbal base. All the patients gave informed written consent for inclusion.

Results & Conclusion: Some of the patients showed local skin reactions and few with lightheadedness / vasovagal type of symptoms which subsided without drugs and no systemic reaction was noted in addition 3rd generation anti histamines were added in the initial phase for 3 weeks. There was substantial decrease in IgE & increased IgG level, significant & marked satisfactory relief was observed in the patients symptomatology, thus the procedure was graded as a very fast & affordable & SAFE with Mixed allergen extracts of Pollens HDM and insect's immunotherapy.

Biography

Naren Pandey is an allergist from Kolkata, West Bengal, India. He is the general secretary of Indian Primary Respiratory Care & Allergy Foundation. He serves as an international affiliate member at American College of Allergy Asthma & Clinical Immunology, life member at Indian Academy of Allergy and also member of European Academy of Allergy & Clinical Immunology; He is also the fellow of royal society of tropical medicine & hygiene and an associate member of International Primary Respiratory Care Group.

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