American Academy of Allergy Asthma & Immunology

Education Needs and Practice Gaps 2026

Priority Clinical Topics



Priority Non-Clinical Topics



Office of Medical Education Committee Members



Members of the Office of Medical Education determined these priority rankings through reconciliation of multiple data sources, including Ask the Expert submissions, member survey data, ABAI blueprint weighting, analysis of Annual Meeting educational proposal trends, and strategic priorities. Topics demonstrating high member demand, strong evidence of practice complexity, and lower relative educational saturation were prioritized because they represent opportunities for education that can improve clinician performance, practice, and patient care.

This assessment is intended to guide educational planning across AAAAI activities. Committees are encouraged to align proposed educational activities with these identified priorities while also considering emerging evidence and specialty-specific needs.



Priority Clinical Topics

Topic	Knowledge and Practice Gaps	Data Sources
1. Drug / Insect / Vaccine Allergy	• Diagnosis and testing of non-penicillin drug allergy, including skin testing and challenge protocols • De-labeling of penicillin and other drug allergies • Venom allergy testing and treatment • Drug allergy practice parameter update	High priority in Annual Meeting survey, Ask the Expert & ABAI CAP results.
2. Anaphylaxis / Urticaria / Angioedema	• Diagnosis and treatment of urticaria, particularly chronic spontaneous and chronic inducible • Diagnosis and treatment of angioedema, especially chronic and heriditary	High priority in survey, Ask the Expert & ABAI CAP results
3. Food Allergy	• Food immunotherapy (OIT, EPIT, SLIT) options, protocols and outcomes • Food Challenges • Alpha-gal Syndrome • Omalizumab for food allergy • Diagnosis and management of FPIES	High priority in survey & ABAI CAP results
4. Immunodeficiency / Immunology	• Approach to diagnosis of immunodeficiency, including genetic testing • Treatment and long-term management of immunodeficiency • Vaccination in biological therapy and PID diagnosis • Secondary immunodeficiency	High priority in survey, Ask the Expert & ABAI CAP results. No current education.
5. Allergens, Allergy Testing & Therapeutics (incl. biologics/ small molecules)	• Best practices in allergy skin testing and allergy serum testing • Using rush allergen desensitization effectively and safely • Hormonal allergic reactions (progesterone sensitivity)	Moderate priority in survey & ABAI CAP results. One mention in Ask the Expert. Limited education.

6. Mast Cells & Eosinophilic Disorders	• Diagnosis and testing of mast cell diseases, including mast cell activation syndrome (MCAS) and HaT • Diagnosis and testing of EGID and hypereosinophilia • Therapeutic advances in mast cell disorders and eosinophilic disorders	Moderate priority in Joint Congress survey & ABAI CAP results. Existing education.
7. Asthma	• Practical considerations for use of biologics in the treatment of asthma and COPD (options, safety, patient choice, costs)	Moderate priority in survey. Low need in Ask the Expert and ABAI CAP results. Existing education.
8. Autoimmune & Autoinflammatory Disorders	• Biologic and targeted therapies for autoimmune and autoinflammatory disorders	Low priority in survey
9. Allergic Skin Diseases	• Chronic spontaneous urticaria • Emerging therapies for allergic skin diseases • Management of refractory atopic dermatitis	Low priority in survey
10. Allergy Testing & Diagnostics	• Best practices in allergy skin testing and allergy serum testing • Using rush allergen desensitization effectively and safely • Hormonal allergic reactions (progesterone sensitivity)	Low priority in survey
11. Rhinosinusitis and Ocular Allergy	• Allergic Rhinitis • Immunotherapy • Biologics in nasal polyp treatment • Role of aspirin desensitization	Low priority in survey
12. Occupational Allergic Diseases	• Prevention and management of occupational allergic diseases, including asthma and contact dermatitis	Low priority in survey.

Priority Non-Clinical Topics

Topic	Knowledge and Practice Gaps	Data Sources
1. Technology & Innovation	• Implementation across multiple areas; clinical practice, education, practice management • Artificial Intelligence • Virtual Visits	High priority in survey and Strategic Plan.
2. Practice Management	• Revenue generation, staffing, coding, implementing OIT in clinical practice	High priority in survey and strategic plan.
3. Social and Environmental Determinants of Health	• Screening and addressing SDOH • Improving care in areas with limited resources • Providing equity in care • Increasing underrepresented or rural groups	High priority in survey, Ask the Expert and strategic plan.
4. Advocacy & Civic Resources	• Impact of climate change and pollutants on allergic disease	Moderate priority in Ask the Expert, survey and presidential initiatives.
5. Effective Medical Education & Professional Development	• Leadership Development • Interactive Education Strategies • Patient Education • Learner Engagement	Moderate priority in strategic plan.



Office of Medical Education 2026

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