Ann & Robert H. Lurie Children's Hospital of Chicago

Overall Competencies for the Pediatric Residency Training Program

ALLERGY & IMMUNOLOGY

Goals and Competencies

PC: Patient Care; MK: Medical Knowledge; PBLI: Practice-Based Learning & Improvement
IC: Interpersonal & Communication Skills; P: Professionalism; SBP: Systems-Based Practice

GOAL 1: Asthma: Understand how to diagnose asthma and how to manage mild and moderate cases.

	COMPETENCIES: (MK, PBLI, IC, SBP)	**<25%**	**25-50%**	**50-75%**	**75-100%**
1.	Discuss the general concepts of asthma: epidemiology, prevalence, heredity, clinical presentation, inciting stimuli and complications.			1	2,3
2.	Describe asthma management:				
	a. Status asthmaticus				
	use of medications			1	2,3
	evaluation of acid-base status: pulse ox, TCM, ABG			1	2,3
	complications			1	2,3
	b. Outpatient management				
	use of beta 2 agonists (to beta or not to beta)			1	2,3
	use of inhaled anti-inflammatory agents including inhaled steroids			1	2,3
	use of spacer devices			1	2,3
	use of peak flow meters and pulmonary function studies			1	2,3
	role of environment: tobacco, smoke avoidance, pets, dust mite exposure, pollens			1	2,3
	patient education and adherence factors			1	2,3
3.	Discuss the differential diagnosis, evaluation, and pharmacologic treatment of wheezing.		1	2	3

GOAL 2: Allergic Rhinitis and Conjunctivitis: Understand the diagnosis and management of allergic rhinitis and conjunctivitis.

	COMPETENCIES: (MK)	**<25%**	**25-50%**	**50-75%**	**75-100%**
1.	. Describe the different aspects of rhinitis.			1	2,3
2.	Describe the clinical presentation, radiographic evaluation (limited sinus CT or plain films) and management of sinusitis.			1	2,3
3.	Describe management of the use of anti-histamines		1	2	3
4.	Describe management of the use of nasal corticosteroids		1	2	3

GOAL 3: Drug Allergy: Understand the principles, diagnosis and management of drug allergy.

COMPETENCIES: (MK)	**<25%**	**25-50%**	**50-75%**	**75-100%**
Discuss the basic principles, diagnosis and management of:				
a. Drug reactions		1	2	3
b. Acute management		1	2	3
c. Cross reactivity with other drugs, i.e. penicillin and cephalosporins			1	2,3
d. Steven's Johnson syndrome		1	2	3
e. Management of patients with multiple drug allergies		1	2	3

GOAL 4: Food Allergy: Understand the role of the general pediatrician in the assessment and management of food allergy.

	COMPETENCIES: (MK)	<25%	25-50%	50-75%	75-100%
	Discuss the typical presentations for food allergies, including:				
1.	Presentation and diagnosis		1	2	3
2.	Use of skin testing and RAST testing in evaluation			1	2,3
3.	Egg allergy, MMR, influenza vaccination.			1	2,3
4.	Association with atopic dermatitis.				1,2,3
5.	Implications of and Indications for assessment for early introduction of peanut			1	2,3
6.	Role of oral challenge.			1, 2	3
7.	Indications for epinephrine		1	2	3

GOAL 5: Anaphylaxis: Understand the principles, diagnosis and management of anaphylaxis.

	COMPETENCIES: (MK)	**<25%**	**25-50%**	**50-75%**	**75-100%**
	Discuss the clinical manifestations including:				
1.	Types of reactions and risk factors.		1	2	3
2.	Triggers		1	2	3
3.	Acute management.	1		1	2,3
4.	Use of Epi Pen.		1	2	3

GOAL 6: Common Conditions Not Referred (Allergy/Immunology): Understand how to diagnose and manage allergy/immunology conditions which generally do not require referral.

COMPETENCIES: (PC, MK)	**<25%**	**25-50%**	**50-75%**	**75-100%**
Recognize, diagnose, describe the pathophysiology of, and manage appropriately these conditions.				
1. Allergic rhinitis.			1	2,3
2. Allergic conjunctivitis.			1	2,3
3. Atopic dermatitis.		1	2	3
4. Asthma, mild to moderate.		1	2	3
5. Urticaria/Angioedema.			1	2,3
6. Common drug allergies.			1	2,3

GOAL 7: Conditions Generally Referred (Allergy/Immunology): Understand how to recognize, manage, and refer conditions related to allergy and immunology which generally require consultation or referral.

	COMPETENCIES: (PC, MK, SBP)	**<25%**	**25-50%**	**50-75%**	**75-100%**
	Explain the pathophysiology of, identify and provide initial management of, and refer appropriately the following:				
1.	Conditions listed in Goal 6 (generally not requiring referral) if severe or if reasonable management is unsuccessful.		1	2	3
2.	Patients requiring skin testing for diagnosis and/or immunotherapy.		1	2	3
3.	Hereditary or severe angioedema.			1,2	3
4.	Anaphylaxis.		1	2	3
5.	Latex allergy.			1	2,3
6.	Patients with documented immunodeficiency (congenital, acquired, or metabolic) or with compatible symptoms.			1,2	3
7.	Serum sickness.			1,2	3
8.	Food allergies.		1	2	3
9.	Insect sting allergy.			1	2,3