

CHEST CLINICAL IMMERSION PROGRAM

Asthma

LOCATION: CHEST Headquarters
2595 Patriot Boulevard
Glenview, IL 60026

LEARNING OBJECTIVES

- Describe anatomy of the lung, distinguishing airways from lung tissue
- Define asthma, identify who is likely to develop it, and how to diagnose it
- Describe the mechanisms of airway inflammation and obstruction in asthma and how they influence treatment
- Define “phenotypes” of asthma
- Review current treatment guidelines for asthma
- Understand the pathophysiology of asthma and the cover the cytokine cascade in a severe asthma patient (Include IL4, 5, 13, Ige, EOS, FeNO)
- Understand the different conventional therapies that are used to treat asthma (prior to biologics) “standard of care”
- Discuss currently approved treatment options for severe and refractory asthma--- specifically pros and cons of the current biologics in the marketplace
- Describe the future of personalized therapy of asthma based on phenotypes, and future targets of therapy
- Demonstrate spirometry and other diagnostic tests that are used in the diagnosis and treatment of asthma
- Review case studies of patients to reinforce different treatment approaches for different types of patients.

Day One

8:30 AM - 8:45 AM	Registration & Breakfast
8:45 AM - 9:00 AM	Introduction and Welcome
9:00 AM - 9:30 AM	1.1 Normal Lung: Anatomy, Airways and Parenchyma, Imaging, Pulmonary Function Tests
9:30 AM - 10:15 AM	1.2 Asthma: Definition, Epidemiology, and Diagnosis
10:15 AM - 10:30 AM	Break Refreshments Served
10:30 AM - 11:45 AM	Living with Asthma Patient Interview
11:45 AM - 12:45 PM	Lunch
12:45 PM - 1:45 PM	Workshop Rotations Spirometry FeNO
1:45 PM - 2:15 PM	1.3 Phenotypes, Asthma
2:15 PM - 2:45 PM	1.4 Mechanisms of Asthma and how they influence treatment
2:45 PM - 3:00 PM	Break
3:00 PM - 3:45 PM	1.5 Severe Asthma

3:45 PM – 4:15 PM **1.6 Current and Future Treatments of Asthma**

4:15 PM – 5:00 PM **1.7 Case Studies: Mild, Moderate and Severe Asthma**

5:00 PM - 5:30 PM **What have you learned and Q&A
Adjourn**