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| 8:00 am-8:15 am | Welcome, logistics                                         | Maureen George            | • Describe the role of therapy based on GINA and EPR-3 recommendations  
• Compare and contrast the mechanism of action and effectiveness of inhaled steroids and bronchodilators for the management of persistent asthma  
• Highlight device characteristics to aid in device selection/matching with patient characteristics |
| 8:15-9:15     | Overview of the Role of Inhaled Steroids and Bronchodilators in Asthma; Device Selection | Maureen George            | • Identify concerns with administering asthma medications to young children  
• Describe potential barriers to correct administration of asthma medications in young children  
• Select appropriate devices to assist in medication delivery in young children. |
| 9:15– 9:45    | Management and Selection of Devices in Infants and Toddlers | Christine Wagner          | • Identify concerns with administering asthma medications to young children  
• Describe potential barriers to correct administration of asthma medications in young children  
• Select appropriate devices to assist in medication delivery in young children. |
| 9:45am- 10:00am | Break                                                      |                           |                                                                                                                                           |
| 10:00am-11:00am | Management of Severe Asthma Including Biologics and Bronchial Thermoplasty | Karen L. Gregory         | • Describe challenges to identifying unmet medical needs in patients with severe asthma requires that clinicians use tests to assess asthma phenotype and treat based on the results of these tests .  
• Describe a consensus on asthma phenotyping and guiding principles for newer biologic therapies and bronchial thermoplasty.  
• Discuss the need for practical guidance for clinicians to determine when to use a newer biologic or bronchial thermoplasty. |
| 11:00-11:30   | Management of Drug-Drug and Drug-Herb Interactions         | Mona Tsoukliris           | • Describe types of drug interactions encountered in practice  
• Identify common drug-drug, drug-herb, herb-disease, and drug-disease interactions encountered in asthma and allergy  
• Explain mechanisms for drug/herb/disease interactions  
• Describe methods for managing drug interactions encountered in asthma/allergy practice |
| 11:30-12:15   | Management of Asthma and Obesity Including Use of Appetite Suppressants | Christine Wagner          | • Discuss why obesity is an issue in patients with asthma  
• Identify current theories regarding why obesity is increasing  
• Distinguish between different types of appetite suppressants currently available which are appropriate for patients with asthma |
| 12:15-1:00    | Lunch                                                      |                           |                                                                                                                                           |
| 1:00-2:00     | Management of Allergic Asthma Including SCIT and SLIT      | Karen Gregory             | • Evaluate distinctive clinical and biomarker characteristics of allergic asthma.  
• Discuss optimal management and treatment strategies for achieving control of allergic asthma.  
• List relative and absolute contraindications for SCIT and SLIT.  |
| 2:00-2:30pm   | Management of Non-Adherence                                | Maureen George            | • Describe similarities and differences in medication adherence in adult and pediatric populations  
• Describe approaches to improving adherence in adult and pediatric patients with asthma through the use of simplified educational messages and management regimens  
• Integrate shared decision-making techniques into patient-educator/clinician communication which are patient-centered care that support adherence |
| 2:30-2:45     | Break                                                      |                           |                                                                                                                                           |
11:00-12:00 Management of Elderly Asthmatics Including Management of Asthma-COPD Overlap Syndrome
Karen L. Gregory
• Describe special characteristics, management, and treatment strategies of asthma in the elderly.
• Discuss clinical similarities and differences between asthma and chronic obstructive pulmonary disease (COPD).
• Evaluate interventions to improve asthma control and decrease asthma burden in elderly patients with asthma.

12:00-1:00 Management of Asthma in Pregnancy: Overview
Michael Schatz
• Appreciate the potential effects of asthma and asthma medications on pregnancy complications and outcomes
• Understand the reported effects of pregnancy on the course of asthma
• Provide asthma management during pregnancy based on evidence-based benefit/risk considerations

1:00-2:00 Primary Prevention of Asthma and Atopic Dermatitis: Use of Probiotics During Pregnancy and Breastfeeding
Maureen George
• Review the current evidence for the use of probiotics
• Outline current treatment protocols
• Highlight issues related to probiotic preparations

Presenters:

Maureen George PhD, RN, AE-C, FAAN, Associate Professor of Nursing, Columbia University Medical Center, New York, NY
Karen L. Gregory, DNP, APRN, CNS, RRT, AE-C, FAARC, Oklahoma Allergy and Asthma Clinic, Oklahoma City, OK, Doctor of Nursing Practice/Advanced Practice Nurse Acute Care Clinical Nurse Specialist, Pulmonary Disease Management Specialist, Respiratory Therapist, Certified Asthma Educator Oklahoma City, OK
Michael Schatz, MD, Chief, Allergy Department, Kaiser Permanente San Diego Medical Center, San Diego, CA
Mona Tsoukleris, PharmD, Associate Professor, Department of Pharmacy Practice & Science, University of Maryland School of Pharmacy, Baltimore, MD
Christine W. Wagner, AE-C, MSN, RN, CPNP, FNP, BC, Children’s Health Pediatric Group, Dallas, TX