

Program for Pediatric Resident 4 wks Pediatric Pulmonology Elective :

The Division of Pediatric Pulmonology offers 20 topics that from which residents can choose 4 for specific sit down teaching with a faculty member.

1. Pulmonary Function Testing
2. Etiology of Hypoxemia at a basic physiological level
3. Asthma Management – based on the Canadian Consensus Guidelines
4. Asthma Pathophysiology / Molecular Biology
5. Pulmonary Radiology - “basic interpretation of radiograph and CT scans on some interesting cases”
6. Pulmonary Pathology - “Basic pulmonary histology and cytology, normal and abnormal”
7. Pulmonary Embryology and Congenital Lung Diseases
8. Management of Severe Lung Disease patients at home and on the wards: Home O2, noninvasive ventilation (NIV) and tracheostomy care - technical orientated
9. Community Acquired Pneumonia
10. “Nasty” Pulmonary Infections
11. Cystic Fibrosis
12. Pulmonary Aspiration
13. Chest Wall and Muscle Disorders
14. The Difficult Airway - from the nose to the bronchus
15. Understanding OSA and Sleep Studies
16. Sleep Medicine - which drug would you use?
17. Physio & Mucus Clearance - explore all options, pros & cons
18. A Flavor of Allergic Lung Diseases - what else apart from asthma
19. Pulmonary Hypertension - An introduction of diagnosis and management
20. “Infant Sleep Disorder Breathing”.

GENERAL PEDIATRIC WEDNESDAY ACADEMIC HALF DAY PULMONARY MODULES

Recommendation of the Division of Pediatric Respiratory Medicine

- Cough, acute & chronic
- Respiratory failure
- Mediastinal & intrathoracic masses
- Asthma
- Pneumothorax
- ARDS
- Hemoptysis
- Obstructive airway diseases
- CF (diagnosis, multiple organ disease and basic physiology)
- Pleural effusions
- Bronchiolitis
- Principle of ventilation
- Sleep Apnea