

AOBP PULMONARY TABLE OF SPECIFICATIONS

The AOBP does not endorse any board review course for use in preparing to take the certification examination in Pediatrics. Many organizations provide intensive board review courses which can be taken in preparation for the boards. The AOBP table of specifications is posted herein and can be used to determine if the content of a board review is sufficient to cover the listed topics.

CATEGORY	QUESTIONS
I. Clinical diseases	50%
A. Asthma	
B. Pneumonia	
1. Bacterial	
2. Viral	
3. Atypical	
4. Fungal	
5. Miscellaneous – Parasitic	
C. Pleural effusions	
D. Infections of upper airways and large airways	
1. Croup syndromes, epiglottitis	
2. Sinusitis	
3. Tracheitis	
4. Rhinitis	
E. Bronchopulmonary dysplasia – cause, complications, prevention, long term sequela and outcome	
F. Cystic fibrosis including genetics	
G. Pulmonary Vascular Disorders	
1. Pulmonary embolism, infarction	
2. Pulmonary hemorrhage	
a. Diffuse alveolar hemorrhage	
b. Massive hemoptysis	
3. Pulmonary Hypertension	
H. Interstitial lung diseases	
1. Pulmonary fibrosis	
2. Sickle cell lung diseases (acute chest syndrome, chronic lung disease)	
3. Complications oncologic disorders, Immunosuppression	
I. Chronic cough	
J. Objective sleep apnea	
K. Acute lung injury – Inhalational injury, Aspiration, Sepsis, Systemic inflammatory response	

- II. Pulmonary physiology 30%**
 - A. Gas exchange
 - 1. Blood gas and acid base interpretation
 - 2. Perfusion and ventilation relationship
 - B. Pulmonary mechanics and function testing and interpretation
 - C. Lung vascular physiology
 - D. Control of breathing
- III. Structure of the respiratory system 15%**
 - A. Lung growth and development
 - B. Congenital anomalies
 - 1. Airways
 - 2. Parenchyma – sequestrations, cystic malformations
 - 3. Vasculature
- IV. Cell biology, lung defense mechanism, inflammation and repair 5%**