

Curriculum Content Report

COPD

COPD, obstructive lung disease, emphysema, RS B2c1, RS B2c2, RS B2c3, RS B2c4

Prepared 10/24/18 by Ken Olive, MD

Year 1	
Course	Content
Anatomy	Gross anatomic findings in emphysema
Cellular & Molecular Medicine	Role of alpha-1 antitrypsin in developing emphysema
Physiology	Mechanics of Breathing Airway Resistance in Normal and Pathological States Obstructive pattern in pulmonary function tests
Cell & Tissue Biology	Microscopic changes in COPD
Year 2	
Pathology	Extensive coverage of obstructive lung disease -diagnosis -pathology -causes- smoking, other environmental, genetic -clinical syndromes -treatments
Doctoring II	Clinical case of dyspnea includes discussion of COPD in differential diagnosis -causes -clinical signs and symptoms -radiographic findings
Year 3	
Community Medicine Clerkship	Instruction in screening spirometry and interpretation COPD as an encouraged patient type.
Family Medicine Clerkship	Asthma/COPD as a required patient type (4 cases) Aquifer Cases #13 & 28 differential diagnosis of cough & COPD Management
Internal Medicine Clerkship	Asthma/COPD as an encouraged patient type COPD covered as a significant component of pulmonary lecture
Rural Primary Care Track Clerkship	Asthma/COPD as a required patient type (4 cases) Instruction in screening spirometry and interpretation