

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).


5 credits

54.0 h + 10.0 h

Q2

Teacher(s)	Bodart Eddy ;Coche Emmanuel ;Collard Philippe ;Ghaye Benoît ;Hoton Delphine ;Marchand Eric ;Pilette Charles (coordinator) ;Rondelet Benoît ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	<p>Integrated clinical approach to pneumologic diagnosis, integrating elements of clinical, radiological and respiratory functional semiology; rational prescription and contribution of imaging, biology, and / or pathology;</p> <p>Obstructive bronchial diseases (asthma, COPD, dilations): diagnostic approach, treatment, management of complications;</p> <p>Interstitial and vascular diseases: when to make a diagnosis, principles of diagnosis and treatment;</p> <p>Pleurisies: elements of diagnostic and therapeutic orientation;</p> <p>Respiratory infections-community-acquired pneumonia: outpatient diagnosis and treatment; tuberculosis, atypical mycobacteria, and opportunistic infections: when to think about it and principles of diagnosis and treatment;</p> <p>Lung cancer (and mesothelioma): emergency symptoms - 1st line diagnosis, principles and support for specialized care and treatment;</p> <p>Diseases of the mediastinum: key elements of the diagnosis;</p> <p>Recognized occupational diseases: when to think about it, principles of diagnosis and management;</p> <p>Pneumo-pediatric diseases: diagnosis and first-line management of asthma and community respiratory infections; principles and support for the diagnosis and management of foreign bodies, bronchopulmonary dysplasia and bronchial dilations (including cystic fibrosis);</p> <p>Pneumological emergencies (pulmonary embolism, pneumothorax, exacerbations of chronic bronchopathies), chronic cough, or dyspnea: differential diagnosis - 1st line management and 2nd line support;</p> <p>Respiratory failure, sleep-related apnea: definition and diagnosis, management principles (indications for oxygen therapy and assisted ventilation);</p> <p>Tobacco and cannabis addiction: management;</p> <p>Inhaled / pulmonary pharmacology: theoretical bases, practical applications;</p> <p>Principles, indications, and follow-up of biopsies and surgical resections as well as lung transplantation.</p>
Aims	<p>1) Provide theoretical operational management of common respiratory diseases for which treatment by the first line of care occupies an important place (asthma, COPD, community respiratory infections, tobacco addiction) as well as the attitude to be adopted in the face of emergencies respiratory diseases (pulmonary embolism, pneumothorax, exacerbation of chronic bronchopathy).</p> <p>2) Provide appropriate management of common respiratory symptoms or signs (acute, chronic dyspnea, chronic cough, hemoptysis, chest pain, pulmonary opacity).</p> <p>3) Evoke the diagnosis and allow referral to the second line and then support patients for pathologies for which the second line occupies a more important place (lung cancer and mesothelioma, sleep apnea syndrome, chronic respiratory failure, diffuse interstitial lung disease, tuberculosis, pleural and mediastinal pathology, pulmonary vascular diseases, nosocomial respiratory infections and the immunocompromised).</p> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Bibliography	<p><u>Bibliographie générale:</u> AUBIER M., CRESTANI B. FOURNIER M., MAL H. : Traité de Pneumologie. 2° Edition. Médecine-Sciences-Flammarion, Paris, 2009, 1084 pp. HOUSSET Bruno: Abrégé de Pneumologie, 2° édit. , Masson éd, 2003,473 pp.</p> <p><u>Bibliographie spécifique:</u> Les références importantes de chaque chapitre sont indiquées dans les supports du cours (dias powerpoint, syllabus).</p>

Faculty or entity in charge	MED
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Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Medecine	MD1BA	5	WMDS1237 AND WMDS1220 AND WMDS1224	
Master [120] in Biomedicine	SBIM2M	5		