


7.0 credits

45.0 h + 30.0 h

2q

Teacher(s) :	Reychler Gregory ; Mwenge Gimbada Benny ; Van Caenegem Olivier ; Delguste Pierre (coordinator) ; Michotte Jean-Bernard ;
Language :	Français
Place of the course	Louvain-la-Neuve
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>On the basis of the descriptions of concrete clinical cases, the course will analyse in an integrated way the various aspects highlighted by these clinical situations (after to the student proposed personal readings)</p> <p>The semiology of the different studied pathologies will be particularly analysed as an indication of the physiotherapy techniques. The main techniques of respiratory, cardiac and vascular physiotherapy will be studied in a critical way as for their indications, application methods and results.</p> <p>They will also be approached in practice according to the possibilities offered by work on healthy subjects.</p>
Aims :	<p>At the end of this teaching, the student will know the anatomopathologic, physiopathologic characteristics and the semiology of the great respiratory syndromes as well as of diseases like Chronic Obstructive Pulmonary Diseases, asthma and pneumonia. The student will understand the mechanisms and repercussions of the main cardio-vascular diseases.</p> <p>He will know the indications and practical methods of the physiotherapy techniques suitable for the described cardio-respiratory and vascular deficits.</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>
Content :	<p>Before reviewing the main pathological syndromes involving the respiratory system, through respiratory syndromes with a particular emphasis on clinical semiology, basics of respiratory mechanics will be detailed. In particular, the role and dysfunctions of respiratory muscles as a key element of the respiratory system will be discussed.</p> <p>Functional respiratory function will be addressed through basic spirometry and patient's clinical exam.</p> <p>The purpose of respiratory physiotherapy will then be developed and the main techniques will be described and critically analysed. The same approach is developed in relation to cardiac function.</p> <p>The course is complemented by concepts of vascular physiotherapy.</p>
Other infos :	<p>Prerequisite: Cell Physiology, Anatomy General, systematic and functional</p> <p>Rating: oral or written examination and continuous assessment elements</p> <p>Support: Syllabus and book (s)</p> <p>Framing: Holder (s)</p>
Faculty or entity in charge:	FSM

<b>Programmes / formations proposant cette unité d'enseignement (UE)</b>				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	7	LIEPR1002 and LIEPR1028	
Master [120] in Motor Skills: Physical Education	EDPH2M	7	-	