

3.00 credits

36.0 h

Q2

Teacher(s)	Clément de Cléty Stéphan (coordinator) ;Detaille Thierry ;Momeni Mona ;Penaloza-Baeza Andrea ;Pirotte Thierry ;Verschuren Franck ;Wittebole Xavier ;
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	<ul style="list-style-type: none"> - Physiopathology of sepsis and septic shock. - Physiopathology of acute respiratory distress syndrome. - Extensive physiological response to aggression: metabolic and inflammatory mechanisms. - Metabolic disturbances of the critically ill patient. - Physiopathology of hyperlactatemia and lactic acidosis. - Trauma brain injury: management. - Toxidrome: recognizing and management
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p><u>Skills to be acquired:</u> The courses dedicated to intensive care aim to introduce the student to the main physiopathological mechanisms and diagnostic aspects leading the patient to a critical state.</p> <p>1 <u>Main goals:</u> The student will acquire theoretical and practical skills allowing to recognize a critical patient. Physiopathological mechanisms of diseases and treatments will be learned.</p>
Evaluation methods	<p>June session: multiple choice questions (MCQ) or short open-ended questions (OEQ), based on the instructed theory or by means of resolving clinical cases.</p> <p>September session: same modality as June session, or, if insufficient number of students, oral exam built on clinical cases relying on instructed theoretical bases.</p> <p>The modalities of the exam might change in the light of the SARS-CoV-2 pandemic and the necessary undertaken measures.</p>
Teaching methods	The courses are based on physiopathology and semeiology; present therapeutic approaches for the most urgent and deleterious pathologies and combine theory with clinical cases.
Content	<p>The course will instruct on one hand in the critically ill patients, inpatients and outpatients, and on the other hand in sick patients needing an procedure or a surgical operation, whether it is an adult or a child.</p> <p>The course will be given by 4 kinds of physicians: an anaesthetist, an intensive care physician, a paediatric intensivist and an ED physician.</p> <p>There are 4 parts: 7 lectures about adult intensive care, 7 about adulte emergency medicine, 4 about paediatric emergencies and intensive care and 6 about anaesthetics.</p>
Inline resources	https://moodleucl.uclouvain.be/course
Bibliography	<ul style="list-style-type: none"> • Diapositives sur Moodle • Slides on Moodle WMEDS2225 ; indispensable support for learning • Certaines diapositives citent des articles de référence récents. Ces articles soutiennent la présentation et peuvent servir à l'étudiant-e qui désire creuser la matière. Some slides contain references to recent articles. Those support the presentation and may help the student who wants to read more about the subject. • Médecine intensive, réanimation, urgences et défaillances viscérales aiguës. Collège des Enseignants de Médecine Intensive - Réanimation. Epreuves Nationales Classifiantes - ECNi, Elsevier Masson, 2018
Faculty or entity in charge	MED

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [180] in Medecine	MD2M	3	WMDS2127 AND WMDS2128	