

Informations complémentaires

Information

Cardio-vascular surgery

Building B35 - CHU - 4000 Liège

Secretary's office : Ms Catarina AMORMINO

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Perfusion : Ms Francine BLAFFART

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Presentation

History of the course:

- * 1994: Creation in Belgium, at the University of Liege (ULg) and the Catholic University of Louvain (KUL), of an official training course for perfusionists
- * 1999: Accreditation of the 2 Belgian schools by the European Board of Cardiovascular Perfusion (EBCP)
- * 2004: Decision by the two universities to standardise the programmes and to enlarge the training to fields requiring specific paramedical skills.

At the end of this course, students will be able to manage all extra-corporeal circulation during cardiac surgery or other form of surgery, all extra-corporeal circulation with therapeutic aims, including circulatory and respiratory assistance, chemotherapy ... to manage all auto-transfusion techniques and various blood treatments, carrying out any technical procedures which are particularly technical.

Special conditions of access / students concerned

This course is designed for students holding a Bachelors degree in Nursing.

The persons who are interested are invited to take contact with the person responsible for the training in order to consider their application.

Duration of the training

- * Two years of study (60 credits for the whole course).
- * The course is spread over 10 modules.
Modules 1 to 5 will be given in the first year, alternating with internships within the institution (60 hours minimum)
Modules 6 to 10 will be given in the second year. Students should undertake 120 hours training either in the school or in a satellite centre approved by the University and by the EBCP.

Courses programme

Collegiality :

Coordinators : Jean-Olivier DEFRAIGNE, Francine BLAFFART

Members : Jean-Marie KRZESINSKI, Pierre BONNET, Quentin DESIRON, Etienne CREEMERS, Marc RADERMECKER, Dominique HELLA, Robert LARBUISSON, Thomas DESAIVE, Pierre PETERS, Pierre MELON, Paul MASSION, Eric NELLESEN, Alexandre GHYSEN, Yvan HUON.

First Year

Compulsory courses

PATH0740-1	<i>Surgical, cardiac and renal pathologies</i>				5
	- <i>Part I : Kidneys and urinary tract</i> - JeanMarie KRZESINSKI	15	5	-	
	- <i>Part II : Adult cardiac surgery</i> - Pierre BONNET, Etienne CREEMERS, Quentin DESIRON	15	5	-	
TECH0740-1	<i>Clinical applications and professional practice I</i> - Francine BLAFFART, Dominique HELLA - [10h SEM]	10	10	[+]	3
TECH0751-1	(pas organisé en 2013-2014) <i>Anaesthesia and pharmacological resuscitation applied to the CEC</i> - Robert LARBUISSON	20	20	-	4
TECH0762-1	(pas organisé en 2013-2014) <i>Pediatric cardiac surgery</i> - Marc RADERMECKER	15	5	-	3
MSTG0740-1	<i>Placement in operating theatre</i> - COLLÉGIALITÉ	-	-	-	5
MMEM9008-1	<i>Final dissertation</i> - COLLÉGIALITÉ	-	-	-	10

Second year

Compulsory courses

TECH0750-1	<i>Biochemistry and human physiology</i> - Vincenzo D'ORIO, JeanOlivier DEFRAIGNE,	30	-	-	3
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	Pierre PETERS				
TECH0752-1	<i>Replacement devices</i> - Francine BLAFFART, Dominique HELLA, Pierre MÉLON	10	10	-	2
TECH0753-1	<i>Biocompatibility and biomaterials, fluid dynamics and circulatory modelling</i> - Vincenzo D'ORIO, JeanOlivier DEFRAIGNE, Thomas DESAIVE, Philippe KOLH	15	-	-	2
TECH0754-1	<i>Clinical applications and professional practice II</i> - Francine BLAFFART, Dominique HELLA - [10h SEM]	10	10	[+]	3
TECH0755-1	<i>Economy and the hospital environment</i> - Yvan HUON, Thierry VAN HEES	10	5	-	2
TECH0756-1	<i>Deontological problems and ethics relating to critically-ill patients</i> - Vincenzo D'ORIO, Pierre DAMAS	15	-	-	2
MSTG0752-1	<i>Specific placement</i> - COLLÉGIALITÉ	-	-	-	6
MMEM9008-2	<i>Final dissertation</i> - COLLÉGIALITÉ	-	-	-	10

Assessment

At the end of each year, students will sit written or oral exams at the end of June. A second session is scheduled in September. At the end of the second year, students should also present a final dissertation. If required, this work may be postponed upon written request to the Dean of the Faculty of Medicine.

Registration

Where? : ULg lifelong learning unit.

Documents to be presented : Dean's authorisation for enrolment

Enrolment fees : Certificate rate