

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 use a cardiopulmonary bypass pump in heart surgery or other types of surgery, any CPB for therapeutic purposes, such as circulatory or respiratory support systems, chemotherapy, etc. Students will be able to perform all autotransfusion techniques and perform any technical act requiring a particular technical skill for which they will have been trained.

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

The training is split into two years of study (60 credits overall for the course).

In the first year, lectures are taught in alternation with internships within the institution.

In the second year, as well as attending the lectures, students must do 120 h of internship, either in the institution, or in a centre approved by the university and by the EBCP.

Courses programme

Teaching 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 PEETERS, Paul MASSION, Alexandre GHUYSEN, Yvan HUON, Rodolphe DURIEUX, Philippe MORIMONT, Bernard DUBOIS, Marc LAGNY, Dominique THIRY, Jacques MUTSERS et Théophile AMAND.

First Year

Compulsory courses

PATH0740-1	<i>Surgical, cardiac and renal pathologies</i>								4
	- Part I : Kidneys and urinary tract - Bernard DUBOIS, JeanMarie KRZESINSKI	15	5	-					
	- Part II : Adult cardiac surgery - 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	[+]				4
TECH0750-1	<i>Biochemistry and human physiology/haemostasis and coagulation</i> - JeanOlivier DEFRAIGNE, Alexandre GHUYSEN, Pierre PETERS		30	-	-				3
MSTG0740-1	<i>Placement in operating theatre</i> - COLLÉGIALITÉ		-	-	-				5
MMEM9008-1	<i>Final thesis, 1st year</i> - COLLÉGIALITÉ		-	-	-				10

Second year

Compulsory courses

TECH0750-1	<i>Biochemistry and human physiology/haemostasis and coagulation</i> - JeanOlivier DEFRAIGNE, Alexandre GHUYSEN, Pierre PETERS		30	-	-				3
TECH0752-1	<i>Replacement devices</i> - Théophile AMAND, Francine BLAFFART,		10	10	-				3

TECH0753-1	URIEUX, Dominique HELLA, Marc LAGNY, Paul MASSION, Philippe MORIMONT <i>Biocompatibility and biomaterials, fluid dynamics and circulatory modelling</i> - JeanOlivier DEFRAIGNE, Thomas DESAIVE	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, Jacques MUTSERS, Thierry VAN HEES	Q2 17	-	-	2
TECH0756-1	<i>Deontological problems and ethics relating to critically-ill patients</i> - Vincenzo D'ORIO, Pierre DAMAS	15	-	-	2
TECH0762-1	<i>Pediatric cardiac surgery</i> - Marc RADERMECKER, Dominique THIRY	15	5	-	3
TECH0751-1	<i>Anaesthesia and pharmacological resuscitation applied to the CEC</i> - Robert LARBUISSON	20	20	-	3
MSTG0752-1	<i>Specific placement</i> - COLLÉGIALITÉ	-	-	-	6
MMEM9008-2	<i>Final thesis, 2nd year</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