UCLouvain

whopi2103

2024

Prosthesis, implants and biomedical equipments

4.00 credits	30.0 h	Q1

Teacher(s)	Cornu Olivier (coordinator) ;Coyette Maude ;Evrard Jean-Michel ;Hox Valérie ;Kozyreff Alexandra ;Krings Guillaume ;Labriola Laura ;Lambaux Bénédicte ;Poncelet Alain ;Schubert Thomas ;Tircoveanu Robert ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	Beside an general introduction to biocompatibility, sterile medical equipment, prosthesis and implants used in various medical specialities are addressed.
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 To get knowledge of the indications and the use of a large variety of sterile medical equipment whose management is under the responsability of the hospital pharmacist
Teaching methods	Lecture and presentation of materials
Content	- Biocompatibility - Medical equipment, prosthesis and implants used in Anesthesiology (ventilation, perfusion, extra-corporeal circulation), in Invasive Radiology (catheters, embolisation material), in Nephrology (dialysis, renal replacement therapy), in Urology (urinary cathters), in Neurosurgery (drainage, replacement material), in Cardiac surgery (various types of cardiac valves), in plastic Surgery (reconstructive surgery) and Intensive Care Medicine (ventilation, haemodynamic monitoring) -
Other infos	- Basic anatomic and physiologic knowledge are required as the lessons are mainly directed towards pharmacists. Some knowledge about frquent pathologies are also useful. - The assessment is based on a written examination that mixes open questions and answers and multiple choice questions. Each co-titular is taking part in the elaboration and correction of the questions. - As the course is mainly dedicated to the presentation, description and the operation of prosthesis, implants and biomaterial, the attendance to the lessons for material visualisation is warmly recommanded.
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Advanced Master in Hospital Pharmacy	HOPI2MC	4		