UCL Université catholique de Louvain

WMEDI2226

2014-2015

Secteur hématologie-cancérologie (y compris l'anatomie pathologique)

6.0 credits	72.0 h	1 + 2q

Teacher(s) :	Van Den Neste Eric ; Hermans Cédric ; Doyen Chantal ; Tombal Bertrand ; Galant Christine ; Eeckhoudt Stéphane ; Latinne Dominique ; Vekemans Marie-Christiane ; Vermylen Christiane ; Machiels Jean-Pascal ; Berlière Martine ; Collard Philippe ; Brichard Bénédicte ; Knoops Laurent (coordinator) ; Scalliet Pierre ; Desmedt Marianne ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	The course is divided into two parts: one theoretical (1.5h) and one seminar (2h). The former will develop the physiopathology and pathology of the different nosological entities of haematopoietic tumours defined by the World Health Organization in 2008. Myeloid tumours (chronic myeloproliferative disorders, myelodysplastic syndromes and acute leukemias) and lymphoproliferative diseases (Hodgkin and Non-Hodgkin& squo;s lymphomas) will be illustrated by slides. The practical seminar will integrate clinical and biological notions detailed during the year but also represents an unique opportunity to analyse microscopically some frequent entities.
Aims :	The hematology course intends to teach the important blood disorders occurring in children and in adults: the inborn and acquired diseases of the blood (the anemias, the neutropenias, the thrombocytopenias), the diseases of the lymph nodes, of the lymphocytes, and the acute and chronic leukemias. The rational use of transfusion of blood and its components. Thrombosis and hemostasis. The aims of the oncology course are the teaching of the fundamentals needed to avoid missing the diagnosis of cancer - how to deal with cancer patients - how to integrate the different treatment modalities - the emergencies in oncology. *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".*
Content :	The course includes conventional teaching and seminars Adult hematology: the blood count - iron deficieny - vit B12 and folate deficiency - anemia of chronic disorders - bone marrow failure - myeloproliferative syndromes - lymphomas - lymph node biopsy splenomegaly - myelodysplastic syndromes - acquired and constitutional disorders of coagulation - thrombosis Pediatric hematology: nutritional anemias - constitutional hemolysis (spherocytosis, thalassemias, sickle cell anemia, enzymatic deficiencies) - acquired hemolytic anemias - basic coagulation tests - thrombocytopenia - acute leukemias Oncology: epidemiology of cancer and its causal factors - diagnosis and staging - therapeutic strategy - oncological emergencies - principles of radiation therapy - how to deal with cancer pain - the top five cancers in men and women - elements of psychosocial oncology Pathology: establish a link between clinical signs and symptoms and the gross and microscopic aspects of disease.
Bibliography :	Reference: WHO classification of tumours of haematopoietic and lymphoid tissues; IARC, Lyon, 2008.
Cycle and year of study :	> Advanced master in Clinical Biology > Master [240] in Medecine
Faculty or entity in charge:	MED