

3.00 credits

30.0 h + 15.0 h

Q2

Teacher(s)	Dessy Chantal ;Duhoux François ;Dujardin Nathalie ;Spinewine Anne (coordinator) ;Wertz Aline ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	Upon completion of this course, the pharmacist should be able to: <ul style="list-style-type: none"> - explain the pharmacokinetic and pharmacodynamic factors that need to be taken into account in these specific populations, when prescribing medicines - explain the indications and contra-indications specific to each population - understand and to manage drug interactions in these populations - evaluate the adequacy of drug dosages - provide appropriate counselling to patients and carers relative to their drug regimen - discuss with other health care professionals the rational use of medicines in these specific populations - summarise and critically appraise a published paper relative to a clinical trial relative to pharmacotherapy in the abovementioned populations.
Learning outcomes	At the end of this learning unit, the student is able to : <ol style="list-style-type: none"> 1 To acquire knowledge and skills in the pharmaceutical care of specific populations, including infants and children, elderly people, pregnant women, and drug abusers.
Evaluation methods	The assessment of learning achievements involves 2 components: <ul style="list-style-type: none"> ° written examination with questions to evaluate knowledge and skills (ie theory and practice-based questions). this section accounts for 16 points. 2° oral presentation of a journal club relative to a paper relative to a specific aspect of pharmacotherapy in a specific population addressed in the present course.. This section accounts for 4 points.
Teaching methods	This course includes a mixed approach including interactive lectures, some homework (e-learning), and presentation of an assignment (journal club). Teachers – pharmacists and physicians with academic/clinical experience - pay special attention to making links between theory and practice and illustrate with clinical vignettes, where the role of pharmacists in optimising medicines use is highlighted.
Content	<ul style="list-style-type: none"> - Pharmacotherapy for several specific populations/situations, namely: pregnant and breastfeeding women; children; older people; persons with cancer - For each population/situation: general considerations related to medicines use in these populations/situations; basic principles in rational medicines use; pharmacotherapy for several diseases/medical problems specific to these populations; role of the pharmacist in optimising medicines use
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Pharmacy	FARM2M	3		