

3.00 credits

30.0 h + 15.0 h

Q2

Teacher(s)	Dalleur Olivia (compensates Spinewine Anne) ;Dessy Chantal ;Duhoux François ;Dujardin Nathalie ;Dujardin Nathalie (compensates Spinewine Anne) ;Spinewine Anne (coordinator) ;Wertz Aline ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	Physiopathology, general pharmacology, pharmacodynamics and pharmacokinetics, pharmacology and pharmacotherapy
Main themes	<p>Upon completion of this course, the pharmacist should be able to:</p> <ul style="list-style-type: none"> <li>- explain the pharmacokinetic and pharmacodynamic factors that need to be taken into account in these specific populations, when prescribing medicines</li> <li>- explain the indications and contra-indications specific to each population</li> <li>- understand and to manage drug interactions in these populations</li> <li>- evaluate the adequacy of drug dosages</li> <li>- provide appropriate counselling to patients and carers relative to their drug regimen</li> <li>- discuss with other health care professionals the rational use of medicines in these specific populations</li> <li>- summarise and critically appraise a published paper relative to a clinical trial relative to pharmacotherapy in the abovementioned populations.</li> </ul>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p><sup>1</sup> To acquire knowledge and skills in the pharmaceutical care of specific populations, including infants and children, elderly people, pregnant women, and drug abusers.</p>
Evaluation methods	<p>The assessment of learning achievements involves 2 components:</p> <p>° written examination with questions to evaluate knowledge and skills (ie theory and practice-based questions). this section accounts for 16 points.</p> <p>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.</p>
Teaching methods	<p>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.</p>
Content	<ul style="list-style-type: none"> <li>- Pharmacotherapy for several specific populations/situations, namely: pregnant and breastfeeding women; children; older people; persons with cancer</li> <li>- For each population/situation: general considerations related to medicines use in these populations/situations; principles in rational medicines use; pharmacotherapy for several diseases/medical problems specific to these populations; role of the pharmacist in optimising medicines use</li> </ul>
Faculty or entity in charge	FARM

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