

2 credits

15.0 h

Q2

Teacher(s)	Elens Laure ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	Pré-requis: WFARM1300 <i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	After having exposed the principles of drug chronic administration and covered all relative basic pharmacokinetic aspects, the effect of most common physiological (genetic, predisposition, environment,) and/or pathological (renal and hepatic failure) conditions on the different primary and secondary pharmacokinetic parameters and their potential consequences will be discussed. The influence of age (childhood and elderly) as well as over- and under-exposure on the pharmacokinetic behavior and the associated therapeutic response of several critical drugs will be developed.
Aims	<p>The aim of this course is to demonstrate the clinical relevance of fine-tuning and optimizing some particular critical posology's and treatments in order to improve the therapeutic response in each individual.</p> <p>1 As a future pharmacist and drug specialist, it appears as fundamental that students understand that a substantial number of pathological situations (age, renal/hepatic failure, drug interactions,) and/or physiological and metabolic conditions (genetics, environment,) can deeply affect the fate of a drug in the body.</p> <p>-----</p> <p><i>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".</i></p>
Content	<ul style="list-style-type: none"> - Drug chronic administration - Renal insufficiency - Hepatic insufficiency - Influence of age and/or development - Drug interaction - Genetic predisposition - Influence of environmental factors -
Other infos	Support : Slides Power point
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Additionnal module in Pharmacy	WFARM100P	2		