

Module Title:	Pharmacology
Academic year:	2009 2010
Credit Value:	4
Pre- requisites:	None
Assessment:	Continuous Assessments 30% Final Exam 70%
Aims	This module provides the student with a detailed insight into the mechanics of drug absorption, distribution and metabolism within the body
Module Content	Absorption of drugs Distribution of drugs Removal of drugs Translocation of drug molecules Pharmacokinetics Measurement in pharmacology
Intended Learning Outcomes: (September 2007)	Having successfully completed this module the student will: Understand the process of drug absorption and distribution Have a detailed knowledge of the process of drug metabolism and be capable of predicting likely metabolites Understand and be able to predict the most likely route(s) of drug elimination To be able to demonstrate a detailed knowledge of pharmacokinetics and its effect on dosing schedules To be able to critically evaluate bioassays and select suitable analytical method(s) To be able to demonstrate a clear understanding of special drug delivery systems and their relation to

	pharmacokinetics
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