

University of Al-Anbar

College of Pharmacy

Department of Clinical Pharmacy

Title of course: *Therapeutic Drug Monitoring*

Credit hours: **Exp. Lab. 1 credit 2 hours/week**

Level: **5th Class, 2nd Semester**

Tutors:

Reference text: *Lab Manual for Practical Pharmacology Adopted by the Department*

Objectives: Improve the practice of students in the application of pharmacokinetics in clinical setting, and training in dose individualization in specific patients groups.

No	Lab title	hours
1.	Effects of food on drug disposition	2
2.	Dosing of drugs in the elderly	2
3.	Individualization of the dosage for obese patients	4
4.	Pediatric pharmacokinetics	4
5.	Review and tutorial	2
6.	Dose individualization for high dose anti-cancer chemotherapy	2
7.	Therapeutic drug monitoring of carbamazepine	4
8.	Therapeutic drug monitoring of cyclosporine	4
9.	Therapeutic drug monitoring of psychotropic agents	4
10.	Review and tutorial	2