

PHA 5127

Basic Principles of Dose Optimization I

Lecture Schedule Fall 2009

Monday; Tuesday (1404)

Thursday (C1-11); Friday (1404)

8:30am - 9:20am

Copies of the PowerPoint Presentations available

Homework will be handed out on the day of the Case Study and due the day of the next Case Study

Revised Thursday, August 27, 2009

Date	Topic	Lesson	Pages	Powerpoint Slide #	File Name	Problem Sets http://www.cop.ufl.edu/safezone/pat/pha5127/list_problemsets.htm
Mon. Aug. 24	Introduction	1	1-7	1-22	1-Introduction.ppt	
Tues. Aug. 25	Basic Pharmacokinetics (incl. first-order, zero order processes)	1-3	7-12, 19-23, 29-37	23-49	2-BasicPharmacokinetics.ppt	
Thurs. Aug. 27	Basic Pharmacokinetics (incl. first-order, zero order processes)	1-3	7-12, 19-23, 29-37	23-49	2-BasicPharmacokinetics.ppt	
Fri. Aug. 28	Distribution	2,8	19-20, 113-122	50-103	3-Distribution2.ppt	
Mon Aug. 31	Distribution	2,8	19-20, 113-122	50-103	3-Distribution2.ppt	
Sept. 1	Distribution					
Sept. 3	Drug Elimination	9	139-142	167-201	6-Drug-Elimination Renal1.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/excretion.htm
Sept. 4	Case Study I Homework Set I Due Sept. 11					
Sept. 7	HOLIDAY					
Tues. Sept. 8	Review Gainesville 8::30-9:20am Jax: 1-2pm Orlando 2-3pm St. Pete 3-4 pm					
Sept. 10	EXAM 1	7-9pm	1404			
Sept. 11	Case Study II Homework Set II Due Sept. 18					

Sept. 14	Drug Elimination/Renal	9	139-142	167-201	6-Drug-Elimination Renal1.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/excretion.htm
Sept. 15	Drug Elimination/Hepatic	9	139-142	167-201	6-Drug-Elimination Renal1.ppt	
Sept. 17	Drug Elimination					http://www.cop.ufl.edu/safezone/pat/pha5127/problems/urinary_elimination/a1COMPURN.htm
Sept. 18	Case Study III Homework Set III Due Sept. 25					
Sept. 21	One Compartment Body Model		1-45	202-238	7-Model-single.ppt	
Sept. 22	Single IV Bolus	1-3	1-45	202-238	7-Model-single.ppt	
Sept. 24	Multiple IV Bolus	4	47-61	239-272	8-Model-multiple.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/multidose/AMULTDOS.htm
Sept. 25	Case Study IV Homework Set IV Due Oct 2					
Sept. 28	Multiple IV Bolus	4	47-61	239-272	8-Model-multiple.ppt	
Sept. 29	Single Oral Dose	7	99-101	273-292	9-OralDosing.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/pkoral/APKTORAL.htm
Oct. 1	Multiple Oral Dose	7	95-101	273-292	9-OralDosing.ppt	
Oct. 2	Case Study V Homework Set V Due Oct. 9					
Oct. 5	Review Gainesville 8:30-9:20am Jax: 1-2pm Orlando 2-3pm St. Pete 3-4 pm					
Oct. 8	EXAM 2		7-9pm	1404		
Oct. 8	IV Continuous Infusion	5	65-71	293-325	10-Infusion.ppt	
Oct. 9	Case Study VI					
Oct. 12	Multiple IV Short Term Infusion	5	63-71	293-325	10-Infusion.ppt	
Oct. 13	Multiple IV Short Term Infusion	5	63-71	293-325	10-Infusion.ppt	
Oct. 15	Two Compartment Body Model	6	79-84	326-343	11-CompartmentalModel.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/multicomp/AMULTICM.HTM
Oct. 16						

Oct. 19	Review : Gainesville 8:30-9:20am Jax: 1-2pm Orlando 2-3pm St. Pete 3-4 pm		
Oct. 20	Evaluation/FINAL EXAM 7:00 – 9:00pm 1404		
	Appendix Information for your use	342-421	Appendix.ppt