

PHA 5127

Basic Principles of Dose Optimization I

Lecture Schedule Fall 2010

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 Friday, August 13, 2010

Date	Topic	Lesson	Pages	Powerpoint Slide #	File Name	Problem Sets http://www.cop.ufl.edu/safezone/pat/pha5127/list_problemsets.htm
Mon. Aug. 23	Introduction	1	1-7	1-22	1-Introduction.ppt	
Tues. Aug. 24	Basic Pharmacokinetics (incl. first-order, zero order processes)	1-3	7-12, 19-23, 29-37	23-49	2-BasicPharmacokinetics.ppt	
Thurs. Aug. 26	Basic Pharmacokinetics (incl. first-order, zero order processes)	1-3	7-12, 19-23, 29-37	23-49	2-BasicPharmacokinetics.ppt	
Fri. Aug. 27	Basic Pharmacokinetics (incl. first-order, zero order processes)	2,8	19-20, 113-122	50-103	3-Distribution2.ppt	
Mon. Aug. 30	Distribution	2,8	19-20, 113-122	50-103	3-Distribution2.ppt	
Tues. Aug. 31	Distribution					
Thurs. Sept. 2	Drug Elimination	9	139-142	167-201	6-Drug-Elimination Renal1.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/excretion.htm
Friday Sept. 3	Case Study I Homework Set I Due Sept. 10					
Mon. Sept. 6	HOLIDAY					
Tues. Sept. 7	Drug Elimination					
Thurs. Sept. 9	Case Study II Homework Set II Due Sept. 17					
Fri. Sept. 10	Review Gainesville 8::30-9:20am Jax: 1-2pm Orlando 2-3pm St. Pete 3-4 pm					

Mon Sept. 13	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. 13	EXAM 1 7-9 pm	G101 & G105				
Tues. Sept. 14	Drug Elimination/Hepatic	9	139-142	167-201	6-Drug-Elimination Renal1.ppt	
Thurs Sept. 16	Drug Elimination					http://www.cop.ufl.edu/safezone/pat/pha5127/problems/urinary_elimination/a1COMPURN.htm
Fri. Sept. 17	Case Study III Homework Set III Due Sept. 24					
Mon Sept. 20	One Compartment Body Model		1-45	202-238	7-Model-single.ppt	
Tues. Sept. 21	Single IV Bolus	1-3	1-45	202-238	7-Model-single.ppt	
Thurs Sept. 23	Multiple IV Bolus	4	47-61	239-272	8-Model-multiple.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/multidose/AMULTDOS.htm
Fri. Sept. 24	Case Study IV Homework Set IV Due Oct 1					
Mon. Sept. 27	Multiple IV Bolus	4	47-61	239-272	8-Model-multiple.ppt	
Tues. Sept. 28	Single Oral Dose	7	99-101	273-292	9-OralDosing.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/pkoral/APKTORAL.htm
Thurs. Sept. 30	Multiple Oral Dose	7	95-101	273-292	9-OralDosing.ppt	
Fri. Oct. 1	Case Study V Homework Set V Due Oct. 8					
Mon. Oct. 4	IV Continuous Infusion	5	65-71	293-325	10-Infusion.ppt	
Tues. Oct. 5						
Thurs. Oct. 7	Review Gainesville 8:30- 9:20am Jax: 1-2pm Orlando 2-3pm St. Pete 3-4 pm					
Oct. 7	EXAM 2 7-9 pm	G101 & G105				
Fri. Oct. 8	Case Study VI					
Mon. Oct. 11	Multiple IV Short Term Infusion	5	63-71	293-325	10-Infusion.ppt	

Tues. Oct. 12	Multiple IV Short Term Infusion	5	63-71	293-325	10-Infusion.ppt	
Thurs. Oct. 14	Two Compartment Body Model	6	79-84	326-343	11- CompartmentalModel.ppt	http://www.cop.ufl.edu/safezone/pat/pha5127/problems/multicmp/AMULTICM.HTM
Friday Oct. 15	HOME COMING					
Oct. 18	Review : Gainesville 8:30-9:20am St. Pete 10-11am Jax: 1-2pm Orlando 2-3pm					
Oct. 19	Evaluation/FINAL EXAM 4:30-6:30 pm C1-11 and C1-9					
	Appendix Information for your use		342-421		Appendix.ppt	