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### PHAR 553.01: Therapeutics III

Michael P. Rivey

*University of Montana - Missoula*, michael.rivey@umontana.edu

Douglas Allington

*University of Montana - Missoula*, douglas.allington@umontana.edu

Donna G. Beall

*University of Montana - Missoula*, donna.beall@umontana.edu

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Pharmacy 553 Pharm.D.: Therapeutics III Fall 2000

Lectures: MWThF 10:10-11:00 Skaggs Bldg Rm 114

Course Coordinator:	Michael Rivey = = = = >	M. Rivey
Instructors:	Douglas Allington	Office: 243-6796
	Rose Macklin	Community Hosp: 728-4100
	Cathy Bartels	ext. 7605
	Sarah Miller	Pager: 329-6122
	Gayle Cochran	Home: 251-3369
	Donna Beall	
	Lee Ann Bradley	

Material and Resources

Required Texts: DiPiro *Pharmacotherapy, 4<sup>th</sup> edition*  
Pray *Nonprescription Product Therapeutics* or APhA: *Handbook of Nonprescription Drugs*  
Medical Letter on Drugs & Therapeutics  
Goodman & Gilman's *Pharmacological Basis of Therapeutics*  
Boh *Clinical Clerkship Manual*  
A medical dictionary

Optional Texts: Murphy: *Clinical Pharmacokinetics pocket reference*  
Evans: *Applied Pharmacokinetics*  
Young, Koda-Kimble: *Applied Therapeutics*  
Herfindal, Gourley, Hart: *Clinical Pharmacy and Therapeutics*  
Hansten & Horn: *Drug Interactions*  
Pagana & Pagana: *Diagnostic & Lab Test Ref.*, or other lab. text

Goals of the Course

To promote the students' understanding of common disease states with particular emphasis on the facets of diseases that are amenable to drug therapy.

To familiarize the student with the proper use of drugs in a clinical setting.

To develop the students' awareness of factors that should be considered prior to selection of a drug and the appropriate parameters that should be monitored for therapeutic as well as undesired effects.

To encourage the students' ability to problem-solve in the clinical setting.

## Performance Objectives

Upon completion of this course, each student shall be able to:

Relate the pathophysiology of a disease to the known or purported action of a drug.

Evaluate the seriousness of a disorder based on the signs and symptoms related to a diagnosed problem, and:

- determine the necessity of drug therapy,
- when applicable, choose the proper drug and/or drug product for the situation.

Determine the place of non-pharmacologic and natural therapies, when applicable.

Tailor the drug therapy of an individual based on patient characteristics and known pharmacokinetics principles.

Identify potential drug-drug interactions.

Monitor the appropriate parameters of a disease to determine if the patient is responding positively to therapy.

Monitor for adverse drug reactions and exacerbations of underlying patient problems resulting from drug therapy.

## Student Responsibilities and Obligations

- \* To attend and participate in lecture sessions.
- \* To do assigned readings from the texts.
- \* To attend Integrated Studies conferences, prepare each case in advance, to present a patient case, and participate in the discussion of all patient presentations.
- \* To perform satisfactorily on course quizzes and lecture examinations.

## Therapeutics 553 Pharm.D.: Lecture Syllabus

		Instructor	Reading
Sept	6W	Introduction/ Liver disease	MPR
	7Th	Liver disease	MPR 38
	8F	Renal Disease	DRA 40
	11M	Liver disease/ quiz	MPR 35
	13W	Renal disease	DRA 41
	14Th	Renal disease	DRA 42
	15F	Pain Management	LAB 56
	18M	Pain mgmt/ quiz	LAB
	20W	Nausea/vomiting	LAB 33, OTC 5
	21Th	N&V/emetics	LAB OTC 25
	22F	Headache	DB 57
	25M	Headache	DB OTC 25
	27W	Oncology	CLB DiPiro pp. 1957-71
	28Th	Oncology	CLB pp. 2002-7
	29F	Oncology	CLB pp. 2013-41
Oct	2M	Oncology	CLB pp. 2046-57
	4W	OFF DAY: CAREER DAY	
	5Th	<b>Test 1 at 8-10AM in SB 114; through</b>	<b>Oncology</b>
	6F	Arthritis	MPR 83,84
	9M	Arthritis	MPR OTC 18,20
	11W	Arthritis/ quiz	MPR
	12Th	Systemic Lupus Erythematosus	LRM 80
	13F	Contraception	DB OTC 43
	16M	Contraception	DB 76
	18W	Contraception/ quiz	DB
	19Th	Diabetes mellitis	LRM 70
	20F	DM	LRM OTC 46
	23M	DM	LRM
	25W	DM	LRM
	26Th	DM diet/tests/ quiz	LRM
27F	Osteoporosis	GAC 82, OTC pp. 711,713	
Nov	30M	Osteoporosis	GAC
	1W	Menopause	GAC 78
	2Th	<b>Test 2 8-10AM SB 114; through osteoporosis</b>	
	3F	Menopause	GAC