

Imperial Valley College
Division of Nursing Education and Health Technologies
Pharmacology for Nurses (RN)
Nursing 123 CRN 10806
Class Schedule Fall 2012 (1.5 credits)

Time: 8:00 am-9:30 am Instructor: Rick Fitzsimmons APRN, BC, MSN, FNP

Day: Monday: Classroom: 2150

Deadline to drop WITH "W": November 5, 2011 (12th week)

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Texts Required:

Lilley, Collins, Harrington & Snyder: Pharmacology and the Nursing Process 6th ed.

Mosby Elsevier 2011: ISBN-978-0-323-05544-413:

ATI Pharmacology: Internet

Recommended Text:

Current ATI Pharmacology review book

Davis Drug Guide or other drug guide

Pharmacology review book and NLC computer programs(Available in NLC)

Pharmacology II

Nursing 123

Date	Description	Reading is to be done prior to class so that you may be an active participant in Lecture and class activities.
8-20-12	Introduction: Autonomic Nervous System	Read syllabus and check into ETUDES page. . Lilley Ch. 18,19,20,21 ATI Pharm: Drug cards: Adrenergic agent; Norepinephrine (Levophed) <i>Adrenergic blocking agent;</i> <i>Alpha blockers: Prazosin</i> (Minipress) <i>Beta blockers: Metoprolol</i> (Lopressor, Toprol XL) <i>Cholinergic Agent</i> (Direct acting parasympathomimetic); Bethanechol (Urecholine) <i>Cholinergic blocking agent; Atropine</i> (Atropair)
8-27-12	Local and General Anesthesia	Lilley Ch: 12. ATI Pharm Drug Cards: Local Anesthetic Amide; Lidocaine (Xylocaine) General Anesthetic Gas; Nitrous Oxide Volatile Anesthetic; Halothane (Fluothane) IV Anesthetic; Thiopental (Pentothal) Neuromuscular Blocker; Succinylcholine (Anectine)

10-1-12	<p>Drugs for Psychoses</p> <p>Drugs for CNS disease</p> <p>Neuromuscular Disorders</p>	<p>LilleyCh. 17. ATI Pharm: Drug Cards <i>Phenylbutylpiperidines:</i>Haloperidol (Haldol) <i>Atypical Antipsychotic;</i> Dibenzodiazepines: Quetiapine (Seroquel); <i>Quinolinone:</i> Aripiprazole(Abilify) (Group all 3 together in one card)</p> <p>LilleyCh.: 14, 16, 20 <i>Antimigraine Agent,</i> Triptan; Sumatriptan(Imitrex) <i>Anorexiants:</i> Phentermine (Adepix) <i>Dopaminergic Agent;</i> Levodopa (Larodopa) <i>Cholinergic Blocker;</i> Benztropine (Cogentin) <i>COMT inhibitors:</i> Tolcapone (Tasmar) <i>MAO-B inhibitors:</i> Selegiline (eldepryl) <i>Nondoamine dopamine receptor agonists:</i> Pramipexole(Group all Parkinson drugs together) (Mirapex)<i>Acetylcholinesterase Inhibitor;</i> Donepezil (Aricept), Memantine(Namenda) (Group together for dementia)</p> <p>Lilley Ch. 13 Drug cards: Compare & Contrast: { <i>Centrally acting Muscle relaxant;</i> Cyclobenzaprine (Flexeril); <i>Direct-acting Antispasmodic;</i> Dantrolene Sodium (Dantrium); Compare & Contrast: [<i>Sedative-Hypnotic</i> Benzodiazepines: <i>Long acting;</i> Flurazepam (Dalmane) <i>Short acting;</i> Temazepam (Restoril); <i>Nonbenzodiazepine CNS depressant;</i> Zolpidem(Ambien)]</p>
10-8-12	<p>Exam 3</p> <p>Drugs for Shock</p> <p>IV therapy, IV, IVP, Infusions</p>	<p>Lilley Ch. 18,& Ch 27, pp.418-423 ATI Pharm Drug cards: Albumin(Albuminar) <i>Catecholamines:</i> Norepinephrine (Levophed) Dobutamine (Dobutrex) Dopamine (Intropin)(Group these 3 together) Epinephrine (Adrenalin)</p>
10-15-12	<p>CHF</p> <p>Angina/MI</p>	<p>Lilley Ch. 22 ATI Pharm: Drug Cards: <i>Cardiac Glycoside;</i> Digoxin(Lanoxin) <i>Organic Nitrates;</i> Isosorbide Dinitrate (Isordil) <i>B-type natriuretic peptide:</i> Nesiritide (Natreor) <i>Phosphodiesterase Inhibitor;</i> Milrinone (Primacor)</p> <p>Lilley Ch. 24& Ch 28, pp. 444-446 Drugs Cards: <i>Nitrate;</i> Nitroglycerin, (Nitrostat) <i>Calcium Channel Blocker;</i> <i>Dihydropyridenes:</i>Amlodipine (Norvasc); <i>Thrombolytic;</i> Alteplase (Activase)</p>
10-22-12	<p>Dysrhythmias /Shock</p>	<p>LilleyCh. 23 ATI Pharm Drug Cards: Compare & Contrast: [<i>Sodium Channel Blocker/Class 1A;</i> Procainamide; <i>Class 1b:</i> Lidocaine; <i>Class 1c:</i> Propafenone (Rythmol)(Group these 3 together)]</p>

	Hematopoietic Disorders	<p><i>Beta-adrenergic Antagonist/Class II ; esmolol (Brevibloc)</i> <i>Potassium Channel Blocker/Class III; Amiodarone (Cordarone)</i> <i>Calcium Channel Blocker/Class IV; Verapamil (Calan)</i> <i>Unclassified: Adenosine (Adenocard)</i></p> <p>Lilley Ch. 49, 55 Drug cards: <i>Hematopoietic Growth Factor; Epoetin (Epogen)</i> <i>Colony-stimulating Factor; Filgrastim (Neupogen)(Group these 2 together)</i> <i>Iron supplement; Ferrous Sulfate</i></p>
10-29-12	Exam 4 Immune system modulation Antifungal/antitubercular	<p>Lilley Ch.45 ATI Pharm Drug Card <i>Immunosuppressant; Cyclosporine(Sandimmune, Neoral)</i> <i>Azathioprine (Imuran)(Group together in 1 card)</i></p> <p>Lilley Ch. 41, 42,43 Drug Card: <i>Antitubercular: isoniazid (INH);</i> <i>ethambutol(myambutol), rifampin(Rifadin)(Group TB together)</i> <i>Antifungal: Amphotericin B, Fluconazole (Diflucan),</i> <i>terbinafine (Lamisil), (Group antifungals together):</i> <i>Helminthic: mebendazole (Vermox); albendazole (Albenza)(Group helmihtic&Protozoen together)</i></p>
11-5-12	Drugs for Neoplasia	<p>LilleyCh. 47,48 ATI Pharm <i>Antineoplastic/ Alkylating Agent; Cyclophosphamide (Cytoxan)</i> <i>Antineoplastic/Antimetabolite; Methotrexate (Folex)</i> <i>Antitumor Antibiotic; Doxorubicin (Adriamycin)</i> <i>Vinca Alkaloid; Vincristine (Oncovin)</i> <i>Antineoplastic/Antiestrogen; Tamoxifen (Nolvadex)</i></p>
11-19-12	Exam 5 Reproductive Health Meds	<p>Lilley: Ch.34, 35 Drug cards: <i>Oral contraceptives: Compare and contrast oral, injectable, transdermal and intravaginal contraceptives</i> <i>Bisphosphonate; alendronate (Fosamx)</i> <i>Selective Estrogen Receptor Modulator;</i> <i>Raloxifene(Evista)</i> Finasterie (Proscar)</p>
11-26-12	Endocrine: Diabetic	<p>Lilley, Ch. 32 Drug cards: Oral:Glinides: Repaglinide (Prandin) Alpha-glucosidase inhibitors: Acarbose (Precose)</p>
11-26-12	Endocrine:	<p>Lilley, 30, 31, 33 Pituitary: Vasopressin (Pitressin) Thyroid: levothyroxine (Synthroid); Propylthiouracil (PTU) Adrenal: Glucocorticoids, Prednisone</p>

12-3-12	<u>Final Exam</u>	
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Pharmacologic Drug Card Guidelines

The purpose of these drug cards is to have all students research drug classifications, outline them and then create a learning product. When these steps are taken your learning is enhanced. Any short cuts that you may take will be revealed in your clinical practice and didactic tests. **Tip : do not copy and paste to the point that you do not read or understand the material.**

All drug cards will follow the following format, or your grade will be severely impacted.

All papers will be **typed with roman or courier, no underlining, bold, or italics will be accepted. No pictures or designer graphics that add only looks with no informational content.** Large and small case lettering must be used as with all APA format. **Topic headers must be used** to assist in organizing the material.

All papers will have **headers on each page** with **title (drug class) and each group members name (last name)**. Pages shall be **numbered** in proper sequence in **bottom right hand corner** (see page).

All papers will be in Paragraph form, no listing or outlining, unless used with appropriate APA indications.

All classifications need to be **described fully** in regards to 1) **how the class of drugs work**, 2) **use and effects and half-life of the class of drugs**, 3) **side effects, adverse reactions, contraindications, & drug interactions** and 4) you need to evaluate the above to determine the **nurses monitoring or teaching priorities**.

Remember, you only need to explore the drug classification. Individual drugs need not be explored in this format, unless specifically requested. Many of the classifications are explained by using a drug prototype. You may also use this drug in your explanation (Beta Blockers = Inderal).