

## [PHARMA] Intro Cheat Sheet

by \_primoooooo via cheatography.com/215471/cs/46971/

Introduction	
Side Effect	expected; tolerable
	usually 5-30 mins upon admin
	usually not detrimental
Adverse Reaction	not expected; not telerable
	usually months (3-6 months)
	present for pt wwith long-term medication
	abdominal pain, edema, allergic reactions
Receptor Site	embedded at site of action
	site where drug is most potent
	made of protein substances
	effects: drug initiates response (antagonistic, agonistic)
SIte of action	location where drug ecerts its therapeutic effect
Carcinogenicity	ability of drug to induce living cells to mutate to become cancerous
	ex. strong medications
Teratogenicity	drug that induces birth defects
	causes abnormal development of fetus in utero
Mechanism/Mode of Action	absorption, distribution, metabolism, excretion

Branches of Pharma	
Pharmakokinetics	process of ADME
Pharmakod- ynamics	biochemical and physical effect of drugs
Pharmacotherape- utics	"clinical pharmacology"
	how drugs may be best used in treatment of illnesses
Toxicology	study of poisons
	adverse effect of drugs in body
Pharmacognosy	natural drug sources

Sources of Drugs		
Natural	Plants	digitalis (foxglove)
		opium (opium poppy) analgesic
		belladona antocolenergic drug; increase pupil size, bowel movements
		vincristine (periwinkle) chemotherapeutic agent; AE: nerve damage
	Animals	epinephrine, insulin
	Minerals	iron
	Chemical	substances
Lab Made	Natural Sources	insulin, attapulgite, laxative, cardiac drug, chemotherapeutic drugs
	Semi-s- ynthetic	antimicrobial, human insulin chemically modified
	Biotec- hnology	manipulations to permit large-scale industrial production of complex natural substances or genetically altered biological substances

Source of Drug Info	
Pharma- copeia	official source of drug info
	list of products in medicine with description
	chemical tests
Formulary	collection of formulas and prescription
Package insert	has chemicals and study information in medicine box
Nursing textbooks	includes nursing interventions
Reference Books	Physician Desk References - compilations  Drug Facts and Comparisons - cost, pt infor, admin guidelines
Journals	<b>Medical Letter</b> - monthly review of new drugs, drug lasses, and special treatment episodes
Internet Information	
Monthly INdex of Medical Specialties (MIMS)	

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Drug Uses	
Symptomatic Treatment	relief ex. biogesic, paracetamol
Preventice	avoid disease ex. vitamins
Diagnostic Drug	ex. contrast dye/medium
Curative	ex. chemotherapeutic drug
Health Maintenance	ex. antidiabetic drug
Contraceptive	

Drug Names	
Chemical Name	chemical structure of drug coined at early stages of development
Generic Name	not capitalized
Brand Name	trade name; name registered

## **Drug Classification**

classification according to effect on particular system, therapeutic uses, and chemical characteristics ex. bronchodilators, antihistamines, antihypertensive

Prescription Drugs	drugs with prescription label prohibits dispension without prescription
Medical prescription	written order by qualified health professional to a pharmacist for a treatment to be provided to their patient component: date & time drug is written, drug name, drug dosage, route of admin, frequency and duration of admin, signature of MD
Nonprescr-	drugs may be legally acquired without prescription

Nonpresci-
iption Drigs
or OTC
Drugs

Illicit or	drugs used/distributed illegally
Street Drugs	ex: heroin, stimulants, cocaine
Investiga-	subjected to clinical studies in order to evaluate the
tional Drugs	usefulness of drug in treating the disease for which it
	is claimed to be affected



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