

DHA PHARMACY LICENCE EXAM

SUMMARY TABLES

DOSAGES, ANTIDOTES, PREGANCY
ISSUES, SIDE EFFECTS AND
MECHANISM OF ACTION [Type the author name]

**This File Contains Brief Summary Of
All The Dosages, Antidotes, S.E,
Pregnancy Issues And Mechanism Of
Actions That Were Mentioned Only In
The Files Of (700, 300,417and Cases).**

DOSAGES

DRUG	Dose in Adults	Dose in Pregnant	Breast Feeding Woman	Geriatrics
CALCIUM	1000 mg/day	1200 mg/day	----	1200 mg/day
VITAMIN D	600 iu	600 iu	600 iu	< 60 yr : 600 iu >70 yr : 800 iu
VITAMIN C	♂: 90 mg ♀: 75 mg	----	----	----
VITAMIN A	♂: 1000 mcg ♀: 800 mcg	900 mcg	1200-1300 mcg	----
FOLIC ACID	♂: 400 mcg ♀: 400-800 mcg	600 mcg/day	500 mcg/day	----
IRON *Ferrous Sulphate **Elemental iron	*1200mg/day or 325 mg tid **150-200mg/d Or 50-65mg tid	----	----	----
PHENYTOIN	100-300 mg/day	----	----	----
PARACETAMOL	Adults: max 4gm/day 4years :max 1.2gm/day	----	----	----
ALENDRONATE	5-10 mg/day	----	----	----

ANTIDOTES

DRUG	ANTIDOTE
WARFARIN	Vit K
HEPARIN	Protamine Sulphate
PARACETAMOL ACETAMINOPHEN	N- Acetyl Cystiene
TRAMADOL COCAINE MORPHINE	Naloxone
IRON	Deferoxamine
THROMBOLYTICS: STREPTOKINASE UROKINASE ALTEPLASE RETEPLASE	Aminocarprioc Acid Tranexamic Acid
LEAD	Penicillamine CaEDTA
LITHIUM	Sodium Bicarbonate Polystyrene Sulfonate
BENZODIAZEPINES: DIAZEPAM ZOLPIDEM	Flumazenil
TCA : AMIPRAMINE AMITRIPTYLINE (CNS TOXICITY)	Alpha Agonist
DIGOXIN	Digoxin Immune Fab Fragment
METHOTREXATE	Leucovorin

PREGNANCY

SITUATION	MANAGEMENT
With Hypertension	ttt by 1)Methyldopa 2)Labetalol 3)Hydralazine
With Asthma	Take Cromolyn (category B)
With Gestational Diabetes	ttt by 1) Insulin 2) Metformin
With Headache	Take Paracetamol or Acetaminophen
With DVT	Take Heparin not Warfarin(Category X)
With Syphilis	Take any Penicillin (ampicillin)
With UTI	ttt by Nitrofurantoin
With UTI & G6PD	ttt by Cefuroxime
With Otitis Media	ttt by Azithromycin
With Tonic Clonic Seizures	Give Valproic Acid + Folic Acid
With Hypothyroidism	Take Levothyroxine (increase the dose during pregnancy)
Having N&V	Give her Cyclizine
With HTN + Hyperproteinaemia+ seizures	To ttt of Seizures give Magnesium Sulphate MgSO4
With Vaginal discharge + Candida Albicans	Take Clotrimazole
With Vaginal itching+ +ve Ecoli + Sulfa allergic	Give Nitrofurantoin
With Genital infections	Fast cheap ttt is Acyclovir 400 bid for 7 days
Safe vaccine during Pregnancy	In activated Influenza Vaccine (Type 2)
Sensitive to Amoxicillin	Give Erythromycin (safe antibiotic)
Misoprostol	Category X and cause Abortion
Vitamin A	C/I in high doses
Castor Oil	C/I laxative
Naproxen	Cause Uncontrolled bleeding to baby
Finasteride	Cause Genital malformation to infant
Warfarine	Cause Cranial Facial Abnormalities (Nasal bone hypoplasia)
ACE inhibitors	Cause renal dysfunction in fetus
Glargine (long acting)	Category C
Paracetamol	Oral and Rectal: Category B IV: Category C

SIDE EFFECTS

DRUG	S.E	DRUG	S.E
HYDRALAZINE SALBUTAMOL NITROGLYCERINE	TACHYCARDIA	CELECOXIB DOXORUBICIN BUPIVICAINE	CARDIOTOXICITY
ATROPINE MORPHINE ALPHA BLOCKER	CONSTIPATION	PARACETAMOL RAFIMICIN AMINOGLYCOSIDE KETOCONAZOLE ISOFLURANE QUINIDINE	HEPATOTOXICITY
INSULIN THIAZIDE	HYPOKALEMIA		
PRAZOCIN GUANETHIDINE	POSTURAL HYPOTENSION	NITRATES EPINEPHRINE	HEADACHE
AMINOGLYCOSID E FUROSEMIDE	OTOTOXICITY	ISONIAZIDE HYDRALAZINE PROCAINAMIDE	LUPUS (INFLAMMATION OF SKIN)
METFORMIN METRONIDAZOLE	METALLIC TASTE	CLOZAPINE PROPYLTHIOURACIL	AGRANULOCYTOSIS
RIFAMPICIN DOXORUBICIN SENNALAXATIVE	CHANGE URINE COLOR TO RED	NITROFURANTOIN	URINE COLOR TO BROWN
		METRONIDAZOLE	URINE COLOR TO DARK URINE
ATROPINE	CONSTIPATION URINE RETENTION	DIGOXIN	LIFE THREATENING ARRHYTHMIA
PIOGLITAZONE	HYPOGLYCEMIA	ADENOSINE P	FACIAL FLUSHING DYSPNEA
INDOMETHACIN	WATER RETENTION	RESERPINE	DEPRESSION
MgOH / MgSO4	CATHARTIC EFFECT	CAPTOPRIL	LOSS OF TASTE
POTASSIUM SUPPLEMENTS	HEART BURN	METHOTREXATE	ALOPECIA N&V BONE MARROW DEPRESSION
CIPROFLOXACIN	PHOTOTOXICITY	THIOPHYLLINE	INSOMNIA
CLASS II ANTIARRHYTHMIC	BRONCHOSPASM	PHENYTOIN	GINGIVAL HYPERPLASIA
CHLORAMPHENICOL	GRAY BABY SYNDROME APLASTIC ANEMIA	AMIODARONE	GRAY MAN SYNDROME
		VANCOMYCIN	RED MAN SYNDROME
CHLORPHENHYDR -AMINE	INCREASE INCEDINCE OF BPH	FUROSEMIDE (LOOP DIURETICS)	OTOTOXICITY HYPOCALCEMIA

TETRACYCLINE	YELLOW TEETH	QUINIDINE	CINCHONISM
PRAZOCIN	1ST DOSE SYNCOPE POSTURALHYPO TN	HEROIN MORPHINE	MIOSIS
COCAINE	MYDRIASIS	AUGMENTIN	DIARRHEA
PROPRANOLOL	LONG QR BRADYCARDIA	ACE INIBITORS	PERSISTENT COUGH HYERKALEMIA
NOREPINEPHRINE	ISCHEMIA TISSUE HYPOXIA	DOPAMINE	HYPOTENSION (DECREASE BP)

MECHANISMS OF ACTION

DRUG	MOH
PROPANOLOL (INDERAL)	NON SELECTIVE BETA ADRENERGIC BLOCKER
ATROPINE	MASCARINIC ANTAGONIST
BUSPIRONE	DOPAMINERGIC AGONIST + SERETONIN 5HT AGONIST
SPIRONOLACTONE	ALDOSTERONE ANTAGONIST+ANTI ANDROGEN
CIMETIDINE	ANTI ANDROGEN (ENZYME INHIBITOR (-) CYP450)
STATINS (LEVOSTATIN)	HMG-CO REDUCTASE INHIBITOR
BENZODIAZEPINES	GABA AGONIST
TCA ANTIDEPRESS	INHIBIT REUPTAKE OF CATECHOLAMINES AT SYNAPSE
BISACODYL	STIMULANT LAXATIVE (+ ENTERIC NERVES TO CAUSE COLONIC CONTRACTIONS)
BULK LAXATIVE	ADD WATER & BULK TO STOOL AND SOFTEN IT LIKE JELLY
CLOMIFEN	INHIBIT -VE FEEDBACK OF ESTROGEN TO ↑ FSH & LH
MORPHINE	ACT ON MU RECEPTORS
LOPIRAMIDE DIPHENOXYLATE	OPIOID AGONISTS AND ANTIDIARRHEALS
FLUOXETINE	SSRI ACT AS ANTIDEPRESSANTS
AMANTADINE	ANTIVIRAL(INFLUENZA A) + ANTIPARKINSONISM
PRAZOCIN	POST SYNAPTIC ALPA1 BLOCKER
FLUTAMIDE	INHIBIT ANDROGEN RECEPTORS (NSAA) FOR ttt OF PROSTATE CANCER
BACLOFEN	ANTISPASMODIC (SUPRESS MUSCLE SPASMS)
DOPAMINE (IN GENERAL)	BETA 1 AGONIST
DOPAMINE (IN CARDIAC SHOCK)	↑ FORCE OF CONTRACTIONS + DILATE RENAL AND MESENTERIC
DANTROLENE	SK.MS RELAXANT ACT DIRECTLY ON RYANODINE RECEPTORS AND ↓ Ca CONCENTRATION
ANASTRAZOLE	ANTIESTROGEN+CAUSE ABORTION
FLUOROURACIL	ANTIMETABOLITE+ANTICANCER+PYRIMIDINE DERIVATIVE
N-ACETYL CYSTIENE	MUCOLYTIC + ANTIDOTE FOR PARACETAMOL TOXICITY
HYDROXYUREA	ANTINEOPLASTIC FOR SKIN CANCER
DOMPERIDONE	ANTIEMETIC WITHOUT CNS EFFECT+↑ BREAST MILK
MISOLASTINE	NON SEDATING ANTIHISTAMINE
PHENYLEPHRINE	ALPHA 1 AGONIST+ NASAL DECONGESTANT
CYPROHEPTADINE	H1 BLOCKER+ 5HT BLOCKER
CLONIDINE	ALPHA 2 AGONIST (↓ SYMPATHOMEMTIC OUTFLOW)
ANTIARRHYTHMIC: CLASS IA CLASS IB CLASS II	↓ PHASE 0 DEPOLARIZATION ↓ PHASE 3 REPOLARIZATION ↓ PHASE 4 DEPOLARIZATION

DIAZEPAM	↑ GLUTAMATE SECRETION
LABETALOL	NON SELEC BETA BLOCKER + ALPHA 1 BLOCKER
ISOPRENALINE	NON SELEC BATA AGONIST
HYDRALAZINE	DIRECT ACT ON SMOOTH MUSCLES AND RELAX THEM (↓BP)
NITROGLYCERIN	CORONARY VASODILATOR
AMPHETAMINE	INDIRECT ACTING ADRENERGIC AGONIST
IPRATROPIUM BROMIDE	ANTIMASCARINIC BRONCHODILATOR
CARDIAC GLYCOSIDE (DIGOXIN)	+VE INOTROPIC EFFECT
PICOSULPHATE	LAXATIVE
ERGOT ALKALOIDS	ANTINEOPLASTIC + STIMULATE UTERINE CONTRACTIONS
ANTIPSYCHOTICS	INHIBITION OF DOPAMINE(-)
ANTIPARKINSONIMS	ACTIVATION OF DOPAMINE(+)
CHARCOAL	ADSORPTION
ALTEPLASE	THROMBOLYTIC