

DRUGS OF CHOICE (Autacoids-2)

Condition	Drug of choice
• Prophylaxis of MI and stroke	Aspirin
• Acetaminophen (Paracetamol) poisoning	N-Acetyl cysteine
• Anaphylactic shock	Adrenaline
• Acute Mediterranean fever	Colchicine
• Cancer chemotherapy induced vomiting	5HT3 antagonists like ondansetron
• Cisplatin induced vomiting	
— Early	Ondansetron
— Delayed	Aprepitant
• Gout	
— Acute	NSAIDs except aspirin
— Refractory acute	Colchicine
— Chronic	Allopurinol
— Chronic (in patient allergic to allopurinol)	Febuxostat
• Hyperuricemia secondary to anticancer drugs	Allopurinol

DRUGS OF CHOICE (CVS-2)

Condition	Drug of choice
• Hypertensive emergencies	Nicardipine + Esmolol
-- In cheese reaction	--Phentolamine
-- in clonidine withdrawal	--Phentolamine
-- In aortic dissection	--Nitroprusside + esmolol
-- In Pregnancy	--Labetalol
• Hyperlipidemia	
-- Type IIa and IIb	Statins
-- Type III (hypertriglyceridemia)	Fibrates
-- Type IV	Statins
-- Secondary to diabetes or nephrotic syndrome	Statins
• Supraventricular tachycardia	
-- Narrow QRS complex	--Verapamil or beta blockers
--Wide complex	--Flecainide
--WPW syndrome	--Flecainide
• Paroxysmal supraventricular tachycardia (PSVT)	
-- Acute treatment	--Adenosine
-- Prophylaxis	--Verapamil
• Ventricular tachycardia	Lignocaine
-- Digitalis induced	--Lignocaine
-- Post MI	-- Beta blockers
• Long QT syndrome (Torsades' de pointes)	Magnesium
• Pulmonary Hypertension	Bosentan

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DRUGS OF CHOICE (KIDNEY)

Condition	Drug of choice
• Edema	
-- Due to CHF	Furosemide
-- In Renal Failure	Furosemide
-- Cerebral edema	Mannitol
-- Edema due to cirrhosis	Spirolactone
• Diabetes insipidus	
-- Central	--Desmopressin
-- Nephrogenic	--Thiazides
-- Lithium-induced	--Amiloride
• Recurrent calcium stones in kidney due to hypercalciurea	Thiazides
• Acute congestive glaucoma	Acetazolamide
• Acute mountain sickness	Acetazolamide
• Nocturnal enuresis	Desmopressin
• SIADH	Fluid restriction + Hypertonic saline + Furosemide

DRUGS OF CHOICE (Autacoids-1)

Condition	Drug of choice
Migrane	
• Acute-mild to modrate	-NSAIDs
- Acute-severe	-Sumatriptan
- Prophylaxis	-Propanolol
• Abortion < 7 weeks	Mifepristone + misoprostol
• Induction of labour	Oxytocin
• Post-partum hemorrhage	Oxytocin
• Cervical priming	Misoprostol
• NSAID-induced peptic ulcer	Proton pump inhibitors
• Open angle glaucoma	Latanoprost
• To maintain patency of ductus arteriosus	Alprostadiol
• Treatment of patent ductus arteriosus (PDA)	Indomethacin/Ibuprofen
• Bartter syndrome	Indomethacin
• Pulmonary hypertension	Bosentan
• Erectile dysfunction	Sildenafil
• Rheumatoid arthritis	
- Pain relief	-NSAIDs
- Bridge therapy	-Corticosteroids
- DMARD	-Methotrexate
• Flushing due to nicotinic acid	Aspirin

DRUGS OF CHOICE (ENDO-2)

Condition	Drug of choice
• Contraceptive	
-- Newly married	-- Combined oral contraceptives
-- In lactation	-- Mini pills
-- Emergency contraceptive	-- Levonorgestrel
• Anovulatory infertility	Clomiphene
• Osteoporosis	
-- Post menopausal	-- Alendronate
-- Steroid-induced	-- Alendronate
-- In women with risk factors for breast cancer	-- Raloxifene
• Hypercalcemia of malignancy	Bisphosphonates
• Paget's disease of bone	Bisphosphonates
• Tetany	Calcium
• Induction of labour	Oxytocin
• Post partum hemorrhage	Oxytocin
Acromegaly	Cabergoline
• Esophageal varices	Terlipressin (if not available, octreotide)
• Hyperprolactinemia	Cabergoline
• Androgenital alopecia	Finasteride
• Dysfunctional uterine bleeding	
-- Light bleeding	-- Medroxyprogesterone acetate
-- Heavy bleeding	-- Combined oral contraceptives
-- Intractable bleeding	-- Leuprolide
• Endometriosis	Combined oral contraceptives
• Ectopic pregnancy	Methotrexate

— DRUGS OF CHOICE (IMMUNOMODULATORS) —

Condition	Drug of choice
• Psoriasis	
— Limited disease (<10% body surface area (BSA) involvement)	— Topical steroid + Topical vitamin D analog (calcipotriene/calcitriol)
— Moderate (10-30% BSA)	— UV phototherapy
— Severe (>30% BSA)	— Narrow band UV-B (NB-UVB) Phototherapy
— Resistant to NB-UVB	— PUVA
— Severe pustular	— Methotrexate
• Neovascular Age Related Macular Degeneration	Bevacizumab
• Paroxysmal Nocturnal Hemoglobinuria	
— Mild	— No treatment
— Severe hemolysis	— Eculizumab
• Wegener's granulomatosis	Cyclophosphamide + corticosteroids
• Sarcoidosis	Corticosteroids
• Antiphospholipid syndrome	Warfarin

DRUGS OF CHOICE (GIT)

Condition	Drug of choice
• Peptic ulcer	
-- Gastric ulcer	--Proton pump inhibitors (PPI)
-- Duodenal ulcer	--PPI
-- Stress ulcer	--PPI
-- NSAID-induced	--PPI
-- H. pylori associated	--Lansoprazole+Amoxicillin+Clarithromycin
-- Zollinger Ellison syndrome	--PPI
-- Gastro esophageal Reflux Disease	--PPI
• Vomiting	
-- Chemotherapy induced	--5-HT ₃ antagonists like palonosetron
-- Levo-dopa induced	--Domperidone
-- Migraine associated	--Metoclopramide
-- Drug or disease associated	--Metoclopramide
-- Postoperative	--Ondansetron
-- Radiation induced	--Ondansetron
-- Pregnancy (Morning sickness)	--Doxylamine + Pyridoxine
-- Cisplatin – induced	
* Early	* 5-HT ₃ antagonists
* Delayed	* Aprepitant
• Prophylaxis of motion sickness	Hyoscine
• Opioid induced constipation	Methylnaltrexone
• Diarrhea in carcinoid syndrome	Octreotide
• To prevent dehydration in diarrhea	ORS
• Crohn's disease	Corticosteroids
• Ulcerative colitis	5-ASA derivatives
• Hepatic encephalopathy	Lactulose

DRUGS OF CHOICE (CNS-2)

Condition	Drug of choice
• Neuropathic pain	
— Trigeminal neuralgia	— Carbamazepine
— Post-herpetic neuralgia	— Pregabalin or gabapentin
— Diabetic neuropathic pain	— Pregabalin or gabapentin
• Parkinsonism	Pramipexole/Ropinirole
• Drug induced Parkinsonism	Anticholinergics (Benzhexol)
• Levo-dopa induced	
— Vomiting	— Domperidone
— Psychosis	— Atypical antipsychotics (olanzapine)
• Schizophrenia	Olanzapine
— In non-compliant patients	— Risperidone LAI (long acting injection)
— Refractory	— Clozapine
• Manic disorder	
— Acute mania	— Benzodiazepines/Antipsychotics (olanzapine) + lithium
— Prophylaxis of mania	— Lithium
— Bipolar disorder	— Lithium
— Rapid cyclers	— Valproate
• Relapsing remitting multiple sclerosis	Beta-interferon
• Huntington's disease	Tetrabenazine
• Wilson disease	Zinc
• Depression	SSRI
— Mild to moderate	— SSRI (Fluoxetine)
— Severe	— SNRI (Venlafaxine)
• Neurotic disorders	
— Obsessive compulsive disorder	— SSRI (Fluoxetine)
— Post-traumatic stress disorder	— SSRI (Sertraline)
— Bulimia	— SSRI (Fluoxetine)
— Phobia	— SSRI (Sertraline)
— Impulse-control disorders	— SSRI (Fluoxetine)

DRUGS OF CHOICE (CNS-1)

Condition	Drug of choice
• Alcohol dependence	
--Withdrawal symptoms (including seizures)	--Benzodiazepines like chlordiazepoxide or diazepam
-- Maintenance therapy	--Chlordiazepoxide
-- To prevent craving	--Naltrexone
• Methanol poisoning	Fomepizole
• Ethylene glycol poisoning	Fomepizole
• Anxiety disorders	
-- Performance anxiety	--Propranolol
-- Generalized anxiety disorder (GAD)	
- Acute attacks	- Benzodiazepines
- Sustained treatment	- Antidepressants (venlafaxine/duloxetine)
-- Panic disorder	
- Acute panic attacks	- Benzodiazepines
- Sustained treatment	- SSRI (Sertraline)
• Insomnia	Zolpidem
• Benzodiazepine poisoning	Flumazenil
• Epilepsy/seizure disorders	
-- Grand mal (GTCS)	--Valproate
-- Petit mal (Absence)	--Valproate
-- Focal	-- Carbamazepine/Oxcarbazepine
-- Myoclonic	--Valproate
-- Atonic	--Valproate
-- Infantile spasms	
- Without tuberous sclerosis (TS)	- ACTH
- With TS	- Vigabatrin
-- Febrile seizures	Diazepam
-- Status epilepticus	Lorazepam
-- Eclamptic seizures	Magnesium sulphate
-- Epilepsy in pregnancy	Lamotrigine/Topiramate/levetiracetam
-- Lennox-Gastaut syndrome	Valproate

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