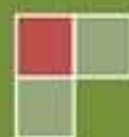


732

# PHARMACOLOGICAL CLASSIFICATION OF DRUGS

Fb/Nurse-Info

TARIQ AHMAD



# INDEX

|                                                  |                                                        |    |
|--------------------------------------------------|--------------------------------------------------------|----|
| <b>1) DRUGS OF AUTONOMIC NERVOUS SYSTEM</b>      | 1. CHOLINERGIC DRUGS                                   | 4  |
| <b>2) DRUGS OF CENTRAL NERVOUS SYSTEM</b>        | 2. ADRENERGIC DRUGS                                    | 5  |
|                                                  | 3. CNS STIMULANTS                                      | 6  |
|                                                  | 4. NEUROLEPTIC DRUGS                                   | 6  |
|                                                  | 5. ANXIOLYTIC, HYPNOTIC & SEDATIVE DRUGS               | 7  |
|                                                  | 6. OPIOID ANALGESICS & ANTAGONISTS                     | 7  |
|                                                  | 7. ANAESTHETICS                                        | 8  |
|                                                  | 8. DRUGS USED TO TREAT PARKINSONISM                    | 9  |
|                                                  | 9. DRUGS USED TO TREAT EPILEPSY                        | 9  |
|                                                  | 10. DRUGS USED TO TREAT DEPRESSION & ANXIETY DISORDERS | 9  |
|                                                  | 11. DRUGS USED TO TREAT PSYCHOSIS & MANIA              | 10 |
|                                                  | 12. 5-HYDROXYTRYPTAMINE (SEROTININ) RECEPTOR DRUGS     | 10 |
| <b>3) DRUGS OF CARDIOVASCULAR SYSTEM</b>         | 13. ANTI ANGINAL DRUGS                                 | 11 |
|                                                  | 14. DRUGS USED IN CONJESTIVE HEART FAILURE             | 12 |
|                                                  | 15. ANTI ARRHYTHMIC DRUGS                              | 13 |
|                                                  | 16. ANTI HYPERTENSIVE DRUGS                            | 13 |
|                                                  | 17. ANTI HYPER LIPIDEMIC DRUGS                         | 14 |
| <b>4) DRUGS ACTING ON BLOOD</b>                  | 18. DRUGS USED TO TREAT DISEASES OF BLOOD              | 15 |
| <b>5) DRUGS OF GASTRO INTESTINAL TRACT</b>       | 19. DRUGS USED TO TREAT PEPTIC ULCER                   | 16 |
|                                                  | 20. ANTI DIARRHOEAL DRUGS (ANTI MOTILITY)              | 16 |
|                                                  | 21. ANTI CONSTIPATIVE DRUGS (LAXATIVES)                | 16 |
|                                                  | 22. DRUGS USED IN INFLAMMATORY BOWL DISEASE            | 17 |
|                                                  | 23. ANTI EMETICS                                       | 17 |
| <b>6) DRUGS OF RESPIRATORY SYSTEM</b>            | 24. DRUGS USED TO TREAT ASTHMA                         | 18 |
|                                                  | 25. DRUGS USED TO TREAT OTHER RESPIRATORY DISEASES     | 18 |
| <b>7) DRUGS OF RENAL FUNCTION</b>                | 26. DIURETICS                                          | 20 |
| <b>8) CHEMOTHERAPEUTIC DRUGS</b>                 | 27. ANTI BACTERIAL DRUGS                               | 21 |
|                                                  | 28. ANTI AMOEBIC DRUGS (ANTI PROTOZOAL)                | 23 |
|                                                  | 29. ANTI FUNGAL DRUGS (ANTI PROTOZOAL)                 | 23 |
|                                                  | 30. ANTI MALARIAL DRUGS (ANTI PROTOZOAL)               | 24 |
|                                                  | 31. ANTI VIRAL DRUGS                                   | 24 |
|                                                  | 32. ANTI CANCER DRUGS                                  | 25 |
| <b>9) DRUGS OF INFLAMMATON &amp; PYREXIA</b>     | 33. ANTI INFLAMMATORY, ANALGESIC & ANTIPYRATIC DRUGS   | 26 |
|                                                  | 34. AUTACOIDS & AUTACOID ANTAGONISTS                   | 27 |
| <b>10) DRUGS OF IMMUNOMODULATION</b>             | 35. IMMUNOSUPPRESSANT                                  | 28 |
| <b>11) DRUGS OF HORMONAL DISORDERS</b>           | 36. ANTI DIABETIC DRUGS                                | 29 |
|                                                  | 37. STEROID HORMONES                                   | 29 |
| <b>12) DERMATOLOGY</b>                           | 38. DRUGS USED IN DERMATOLOGICAL DISEASES              | 31 |
| <b>13) DRUGS OF OTHER DISEASES &amp; SYSTEMS</b> | 39. DRUGS USED TO TREAT OBESITY                        | 32 |
|                                                  | 40. DRUGS USED TO TREAT ERECTILE DYSFUNCTION           | 32 |
|                                                  | 41. DRUGS USED TO TREAT AIDS                           | 32 |



# 1) DRUGS OF AUTONOMIC NERVOUS SYSTEM

## 1. CHOLINERGIC DRUGS (PARASYMPATHETIC)

| RECEPTORS      | AGONISTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ANTAGONISTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M1             | <ul style="list-style-type: none"> <li>ACETYLCHOLINE                             <ul style="list-style-type: none"> <li>➤ MIOCHOL-E</li> </ul> </li> <li>BETHANCHOL                             <ul style="list-style-type: none"> <li>➤ GENERIC, URECHOLINE</li> </ul> </li> <li>CARBACHOL                             <ul style="list-style-type: none"> <li>➤ TOPICAL: ISOPTO-CARBACHOL, CARBOPTIC</li> <li>➤ INTRAOCULAR: MIOSTAT, CARBASTAT</li> </ul> </li> <li>METHACHOLINE</li> <li>PILOCARPINE                             <ul style="list-style-type: none"> <li>➤ GENERIC, ISOPTOCARPINE</li> </ul> </li> </ul>  | <ul style="list-style-type: none"> <li>PIRENZEPINE<sup>S</sup></li> <li>ATROPINE                             <ul style="list-style-type: none"> <li>➤ GENERIC</li> <li>➤ OPHTHALMIC: GENERIC, ISOPTO-ATROPINE</li> </ul> </li> <li>IPRATROPIUM                             <ul style="list-style-type: none"> <li>➤ GENERIC, ATROVENT</li> </ul> </li> <li>PROPANTHELINE                             <ul style="list-style-type: none"> <li>➤ GENERIC, PRO-BANTHINE</li> </ul> </li> <li>SCOPOLAMINE                             <ul style="list-style-type: none"> <li>➤ GENERIC</li> </ul> </li> </ul> |
| M3,M5<br>M2,M4 | <ul style="list-style-type: none"> <li>ACETYLCHOLINE                             <ul style="list-style-type: none"> <li>➤ MIOCHOL-E</li> </ul> </li> <li>BETHANCHOL                             <ul style="list-style-type: none"> <li>➤ GENERIC, URECHOLINE</li> </ul> </li> <li>CARBACHOL                             <ul style="list-style-type: none"> <li>➤ TOPICAL: ISOPTO-CARBACHOL, CARBOPTIC</li> <li>➤ INTRAOCULAR: MIOSTAT, CARBASTAT</li> </ul> </li> <li>METHACHOLINE</li> <li>PILOCARPINE                             <ul style="list-style-type: none"> <li>➤ GENERIC, ISOPTO-CARPINE</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>ATROPINE                             <ul style="list-style-type: none"> <li>➤ GENERIC</li> <li>➤ OPHTHALMIC: GENERIC, ISOPTO-ATROPINE</li> </ul> </li> <li>IPRATROPINE                             <ul style="list-style-type: none"> <li>➤ GENERIC, ATROVENT</li> </ul> </li> <li>PROPANTHELINE</li> <li>SCOPOLAMINE                             <ul style="list-style-type: none"> <li>➤ GENERIC</li> </ul> </li> </ul>                                                                                                                                         |
| Nm             | <ul style="list-style-type: none"> <li>ACETYLCHOLINE                             <ul style="list-style-type: none"> <li>➤ MIOCHOL-E</li> </ul> </li> <li>CARBACHOL                             <ul style="list-style-type: none"> <li>➤ TOPICAL: ISOPTO-CARBACHOL, CARBOPTIC</li> <li>➤ INTRAOCULAR: MIOSTAT, CARBASTAT</li> </ul> </li> <li>NICOTINE</li> </ul>                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>ATRACURIUM</li> <li>SUCCINYLCHOLINE</li> <li>TUBOCURARINE</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

- Ng**
- ACETYLCHOLINE
    - MIOCHOL-E
  - CARBACHOL
    - TOPICAL: ISOPTO-CARBACHOL, CARBOPTIC
    - INTRAOCULAR: MIOSTAT, CARBASTAT
  - NICOTINE

- HEXAMETHONIUM
- TRIMETHAPHAN

## 2. ADRENERGIC DRUGS (SYMPATHETIC)

### RECEPTORS

### AGONISTS

### ANTAGONISTS

**$\alpha_1$**

- PHENYLEPHRINE<sup>S</sup>
  - GENERIC, NEO-SYNEPHRINE
- DOPAMINE
  - GENERIC, INTROPIN
- EPINEPHRINE
  - GENERIC, ADRENALINE-CHLORIDE
- NOREPINEPHRINE
  - GENERIC, LEVOPHED

- PRAZOSIN<sup>S</sup>
  - GENERIC, MINIPRESS

**$\alpha_2$**

- APRACLOnidine
  - IOPIDINE
- CLONIDINE

- YOHIMBINE<sup>S</sup>
- PHENOXY BENZAMINE
  - DIBENZYLINE

**$\beta_1$**

- DOBUTAMINE<sup>S</sup>
  - GENERIC, DOBUTREX
- DOPAMINE
  - GENERIC, INTROPIN
- EPINEPHRINE
  - GENERIC, ADRENALINE-CHLORIDE
- ISOPROTERENOL
  - GENERIC, ISUPREL
- NOREPINEPHRINE

- METOPROLOL<sup>S</sup>
  - GENERIC, LOPRESSOR, TOPROL
- PROPRANOLOL
  - GENERIC, Inderal
- TIMOLOL
  - ORAL: GENERIC, BLOCADREN
  - OPHTHALMIC: GENERIC, TIMOPTIC

**$\beta_2$**

- METAPROTERENOL<sup>S</sup>
- ALBUTEROL
- EPINEPHRINE
  - GENERIC, ADRENALINE-CHLORIDE
- ISOPROTERENOL
  - GENERIC, ISUPREL
- TERBUTALINE (TERIL)

- BUTOXAMINE<sup>S</sup>
- PROPRANOLOL
  - GENERIC, Inderal
- TIMOLOL
  - ORAL: GENERIC, BLOCADREN
  - OPHTHALMIC: GENERIC, TIMOPTIC



## 2) DRUGS OF CENTRAL NERVOUS SYSTEM

### 3. CNS STIMULANTS

- |                           |                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) PSYCHOMOTOR STIMULANTS | <ul style="list-style-type: none"><li>• AMPHETAMINE</li><li>• CAFFEINE (CAFERGOT)</li><li>• METHYLPHENIDATE</li><li>• NICOTINE</li><li>• THEOBROMINE</li><li>• THEOPHYLLINE (THEO PLUS)</li></ul> |
| 2) PSYCHOTOMIMETIC DRUGS  | <ul style="list-style-type: none"><li>• FENPHENCYCLIDINE (PCP)</li><li>• LYSERGIC ACID DIETHYLAMIDE (LSD)</li><li>• TETRA HYDRO CANNABINOL (THC)</li></ul>                                        |

### 4. NEUROLEPTIC DRUGS

- |                      |                                                                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) PHENOTHIAZINE     | <ul style="list-style-type: none"><li>• CHLORPROMAZINE (THORAZINE)</li><li>• FLUPHENAZINE (PERMITIL)</li><li>• PROCHLOR PERAZINE (CLORPAZINE)</li><li>• PROMETHAZINE</li><li>• THIORIDAZINE</li></ul> |
| 2) BENZISOXAZOLES    | <ul style="list-style-type: none"><li>• RISPERIDONE</li></ul>                                                                                                                                         |
| 3) DIBENZODIAZEPINES | <ul style="list-style-type: none"><li>• CLOZAPINE (CLOZARIL)</li></ul>                                                                                                                                |
| 4) BUTROPHENONES     | <ul style="list-style-type: none"><li>• HALOPERIDOL (HALDOL)</li></ul>                                                                                                                                |
| 5) THIOXANTHENES     | <ul style="list-style-type: none"><li>• THIOTHIXENE (NAVANE)</li></ul>                                                                                                                                |

## 5. ANXIOLYTIC, HYPNOTIC & SEDATIVE DRUGS

- |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) BENZODIAZEPINES           | i) ANXIOLYTICS <ul style="list-style-type: none"><li>• ALPRAZOLAM (XANAX)</li><li>• CHLORDIAZEPOXIDE (LIBRIU)</li><li>• CLONAZEPAM (KLONOPIN)</li><li>• CLORAZEPATE (TRANXENE)</li><li>• DIAZEPAM (VALIUM)</li><li>• LORAZEPAM (ATIVAN)</li></ul> ii) HYPNOTICS <ul style="list-style-type: none"><li>• ESTAZOLAM</li><li>• FLURAZEPAM (DALMANE)</li><li>• MIDAZOLAM (VERSED)</li><li>• QUAZEPAM</li><li>• TEMAZEPAM (RESTORIL)</li><li>• TRIAZOLAM</li></ul> |
| 2) BENZODIAZEPINE ANTAGONIST | <ul style="list-style-type: none"><li>• FLUMAZENIL</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3) BARBITURATES              | <ul style="list-style-type: none"><li>• AMOBARBITAL (AMUTAL)</li><li>• PHENOBARBITAL (LUMINAL)</li><li>• PENTOBARBITAL (NEMBUTAL)</li><li>• SECOBARBITAL (SECONAL)</li><li>• THIOPENTAL</li></ul>                                                                                                                                                                                                                                                             |
| 4) NON BARBITURATE SEDATIVES | <ul style="list-style-type: none"><li>• ANTI HISTAMINES</li><li>• CHLORAL HYDRATE (NOCTEC)</li><li>• ETHANOL</li></ul>                                                                                                                                                                                                                                                                                                                                        |
| 5) OTHER ANXIOLYTIC DRUGS    | <ul style="list-style-type: none"><li>• BUSPIRONE (BUSPAR)</li><li>• HYDROXYZINE</li><li>• ZOLPIDEM</li></ul>                                                                                                                                                                                                                                                                                                                                                 |

## 6. OPIOID ANALGESICS & ANTAGONISTS

- |                |                                                                                                                                                                                                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) AGONISTS    | a) STRONG AGONISTS <ul style="list-style-type: none"><li>• FENTANYL (SUBLIMAZE)</li><li>• HEROIN (diacetylmorphine)</li><li>• MORPHINE</li><li>• MEPRIDINE (DEMEROL)</li><li>• METHADONE</li></ul> b) MODERATE AGONISTS <ul style="list-style-type: none"><li>• CODEINE</li><li>• PROPOXYPHENE</li></ul> |
| 2) ANTAGONISTS | <ul style="list-style-type: none"><li>• NALAXONE (NARCAN)</li><li>• NALTREXONE</li><li>• NALMEFENE (REVIX)</li></ul>                                                                                                                                                                                     |

**3) MIXED AGONISTS-  
ANTAGONISTS**

- BUTORPHANOL (STADOL)
- NALBUPHINE (NUBAIN)
- PENTAZOCINE (TALWIN)

## **7. ANAESTHETICS**

**1) ADJUNCTS TO  
ANAESTHETICS**

**a) PRE ANAESTHETIC MEDICATION**

- ANTI CHOLINERGICS
- ANTI EMETICS
- BARBITURATES
- BENZODIAZEPINES
- OPIOIDS

**b) MUSCLE RELAXANTS**

- ATRACURIUM (TRACRIUM)
- SUCCINYLCHOLINE (ANECTINE)
- VECURONIUM (NORCURON)

**2) GENERAL  
ANAESTHETICS**

**a) INHALANT ANAESTHETICS**

- ENFLURANE (ETHRANE)
- HALOTHANE (GENERIC, FLUOTHANE)
- ISOFLURANE (FORANE)
- METHOXY FLURANE (PENTHRANE)
- NITROUS OXIDE
- SEVOFLURANE

**b) INTRAVENOUS ANAESTHETICS**

**i. BARBITURATES**

- METHO HEXITAL (BREVITAL)
- THIAMYLAL (SURITAL)
- THiopENTAL (PENTOTHAL)

**ii. BENZODIAZEPINES**

- DIAZEPAM (GENERIC, VALIUM)
- LORAZEPAM (GENERIC, ATIVAN)
- MIDAXOLAM (VERSED)

**iii. OPIOIDS**

- FENTANYL
- MORPHINE

**iv. NEUROLEPTIC**

- DROPERIDOL & FENTANYL

**v. DISSOCIATIVE**

- KETAMINE (KETALAR)

**vi. PROPOFOL (DIPRIVAN)**

**vii. ETOMIDATE**

**3) LOCAL ANAESTHETICS**

- BUPIVACAINE (GENERIC, MARCAINE)
- LIDOCAINE (GENERIC, XYLOCAINE)
- PROCAINE (GENERIC, NOVOCAIN)
- TETRACAINE (PONTOCAINE)



## 8. DRUGS USED TO TREAT PARKINSONISM

- AMANTADINE (SUMMETREL)
- ANTI MUSCARINIC AGENTS
- BROMOCRIPTINE (PARLODEL)
- CARBIDOPA (LODOSYN)
- DEPRENYL
- LEVODOPA (DOPAR, LARODOPA)

## 9. DRUGS USED TO TREAT EPILEPSY

- CARBAMAZEPINE (TEGRETOL)
- CLONAZEPINE (KLONOPIN)
- CLORAZEPATE (TRANXENE)
- DIAZEPAM (GENERIC, VALIUM)
- ETHOSUXIMIDE (ZARONTIN)
- GABA PENTIN
- LAMOTRIGINE
- PHENOBARBITAL (GENERIC, LUMINAL)
- PHENYTOIN (GENERIC, DILANTIN)
- PRIMIDONE (GENERIC, MYSOLINE)
- VALPROIC ACID (GENERIC, DEPAKENE)

## 10. DRUGS USED TO TREAT DEPRESSION & ANXIETY DISORDERS

### 1) NOREPINEPHRINE REUPTAKE INHIBITORS

#### a) TERTIARY AMINE TRICYCLICS

- AMITRIPTYLINE (GENERIC, ELAVIL)
- AMOXAPINE (ASENDIN)
- DESIPRAMINE (NORPRAMIN)
- DOXEPIN (GENERIC, SINEQUAN)
- IMIPRAMINE (GENERIC, TOFRANIL)
- MAPROTILINE (LUDIOMIL)
- TRIMIPRAMINE (SURMONTIL)

#### b) SECONDARY AMINE TRICYCLICS

- MAPROTILINE (LUDIOMIL)
- NORTRIPTYLINE (PAMELOR, MOTIVAL)
- PROTRIPTYLINE (VIVACTIL)

### 2) SELECTIVE SEROTONIN REUPTAKE INHIBITORS

- CITALOPRAM (CELEXA)
- FLUOXETINE (PROZAC)
- FLUVOXAMINE (LUVOX)
- NETAZODONE
- PAROXETINE (PAXIL)



|                                 |                                                                                                                                                                             |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | <ul style="list-style-type: none"> <li>• SERTRALINE (ZOLOFT)</li> <li>• TRAZODONE (GENERIC, DESYREL)</li> <li>• VENLAFAXINE (EFFEXOR)</li> </ul>                            |
| 3) ATYPICAL ANTIDEPRESSANTS     | <ul style="list-style-type: none"> <li>• BUPROPION (WELLBUTRIN)</li> <li>• MIRTAZAPINE (REMERNON)</li> <li>• NEFAZODONE (SERZONE)</li> <li>• TRAZODONE (DESYRIL)</li> </ul> |
| 4) MONOAMINE OXIDASE INHIBITORS | <ul style="list-style-type: none"> <li>• ISOCARBOXAZID (MARPLAN)</li> <li>• PHENELZINE (NARDIL)</li> <li>• SELEGILINE (ELDEPRYL)</li> <li>• TRANYLCPROMINE</li> </ul>       |

## 11. DRUGS USED TO TREAT PSYCHOSIS & MANIA

|                                                             |                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) PHENOTHIAZINS                                            | <ul style="list-style-type: none"> <li>• CHLORPROMAZINE (THORAZINE)</li> <li>• FLUPHENAZINE (PERMITIL)</li> <li>• MESORIDAZINE (SERENTIL)</li> <li>• PERPHENAZINE (TRILAFON)</li> <li>• RIFLUOPERAZINE (STELAZINE)</li> <li>• THIORIDAZINE (SERENTIL)</li> </ul> |
| 2) THIOXANTHENES                                            | <ul style="list-style-type: none"> <li>• CHLORPROTHIXENE (TARACTAN)</li> <li>• THIOTHIXENE (NAVANE)</li> </ul>                                                                                                                                                   |
| 3) OTHER HETROCYCLIC COMPOUNDS                              | <ul style="list-style-type: none"> <li>• CLOZAPINE (CLOZARIL)</li> <li>• HALOPERIDOLE (HALDOL)</li> <li>• LOXAPINE (LOXITANE)</li> <li>• OLANZIPINE (ZYPREXA)</li> <li>• PIMOZIDE (ORAP)</li> <li>• RESPERIDONE (RISPERDAL)</li> </ul>                           |
| 4) LITHIUM SALTS<br>(FOR MANIA & AS MOOD STABILIZING AGENT) | <ul style="list-style-type: none"> <li>• LITHIUM CARBONATE (CAMCOLIT, LITRISON, LOCAM)</li> <li>• LITHIUM CITRATE</li> <li>• LITHIUM SULFATE</li> </ul>                                                                                                          |

## 12. 5-HYDROXYTRYPTAMINE (SEROTONIN) RECEPTOR DRUGS

|                |                                                                                                                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) AGONISTS    | <ul style="list-style-type: none"> <li>• BUSPIRONE (BUSPAR)</li> <li>• IPSAPERONE</li> <li>• RIZATRIPTAN (MAXALT)</li> <li>• SUMATRIPTAN (IMITREX)</li> <li>• ZOLMITRIPTAN (ZOMIG)</li> </ul> |
| 2) ANTAGONISTS | <ul style="list-style-type: none"> <li>• DOLASETRON (ANZEMET)</li> <li>• GRANISETRON (KYTRIL)</li> <li>• KETANSERIN (SUFREXAL)</li> <li>• ONDANSETRON (ZOFRAN)</li> </ul>                     |

### 3) DRUGS OF CARDIOVASCULAR SYSTEM

#### 13. ANTI ANGINAL DRUGS

##### 1) ORGANIC NITRATES AND NITRITES

- AMYL NITRATE (GENERIC)
- ISOSORBIDE DINITRATE (GENERIC, ISORDIL)
- ISOSORBIDE MONONITRATE (ISMO)
- NITRO GLYCERINE OR GLYCERINE TRINITRATE
  - SUBLINGUAL: GENERIC
  - ORAL SUSTAINED RELEASE: GENERIC, NITRO-TIME
  - PARENTERAL: GENERIC
  - TRANSDERMAL PATCHES: GENERIC, NITREK, NITRO-DUR, TRANSDERM-NITRO
  - TOPICAL OINTMENT: GENERIC, NITRO-BID
- PENTA ERYTHRITOL TETRA NITRATE

##### 2) $\beta$ -BLOCKERS

- ACETBUTOLOL
- ATENOLOL (TENORMIN, ATELOR)
- METOPROLOL
- PROPRANOLOL

##### 3) $\text{Ca}^{2+}$ CHANNEL BLOCKERS

- AMLODIPINE (AMLOCARD, AMLOPIN)
- DILTIAZEM (CALCARD)
- FELODIPINE
- NICARDIPINE
- NIFEDIPINE (ADALAP)
- NITREDIPINE
- VERAPAMIL (CALAN)

##### 4) ANGIOTENSIN CONVERTING ENZYME (ACE) INHIBITOR

- CAPTOPRIL (CATOPER, APTIL)
- ENALAPRIL (CARDACE, CARDIL)
- PERINDOPRIL

##### 5) OTHER CORONARY VASODILATORS

- DIPYRIDAMOL (PERSANTIN)



## 14. DRUGS USED IN CONJESTIVE HEART FAILURE

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) CARDIAC GLYCOSIDES                                         | <ul style="list-style-type: none"><li>• DIGITOXIN (GENERIC, CRYSTODIGIN)</li><li>• DIGOXIN (LANOXIN)</li><li>• OUABAIN</li></ul>                                                                                                                                                                                                                                                                                                         |
| 2) $\beta$ -BLOCKERS                                          | <ul style="list-style-type: none"><li>• ATENOLOL</li><li>• CURVEDILOL</li><li>• METOPROLOL</li><li>• PROPRANOLOL</li></ul>                                                                                                                                                                                                                                                                                                               |
| 3) RENIN ANGIOTENSIN SYSTEM BLOCKERS                          | <p>a) ACE INHIBITOR</p> <ul style="list-style-type: none"><li>• CAPTOPRIL (CATOPER, APTIL)</li><li>• ENALAPRIL (CARDIL)</li><li>• FOSINOPRIL</li><li>• LISINOPRIL</li><li>• QUINAPRIL (QUINE)</li><li>• RAMIPRIL</li></ul> <p>b) ANGIOTENSIN TYPE 1 RECEPTORS BLOCKERS</p> <ul style="list-style-type: none"><li>• CONDESERTAN</li><li>• LOSARTAN (COZAAR, HYZAAR)</li><li>• TELMISARTAN</li><li>• VALSARTAN (DIOVAN, VALTREX)</li></ul> |
| 4) DIURETICS                                                  | <ul style="list-style-type: none"><li>• BUMETANIDE</li><li>• FUROSIMIDE (LASIX)</li><li>• HYDRO CHLORO THIAZIDE</li><li>• METOLAZONE</li></ul>                                                                                                                                                                                                                                                                                           |
| 5) DIRECT VASODILATORS                                        | <ul style="list-style-type: none"><li>• HYDRALAZINE</li><li>• ISO SORBIDE DINITRATE</li><li>• SODIUM NIRO PRUSSIDE</li></ul>                                                                                                                                                                                                                                                                                                             |
| 6) INOTROPIC AGENTS                                           | <ul style="list-style-type: none"><li>• AMRINONE (INOCOR)</li><li>• DIGITOXIN</li><li>• DIGOXIN (GENERIC, LANOXIN)</li><li>• DOBUTAMINE (DOBUTREX)</li><li>• MILRINONE</li></ul>                                                                                                                                                                                                                                                         |
| 7) ALDOSTERONE ANTAGONISTS                                    | <ul style="list-style-type: none"><li>• SPIRONOLACTONE</li></ul>                                                                                                                                                                                                                                                                                                                                                                         |
| 8) $\beta$ -ADRENERGIC AGONIST (FOR ACUTE HEART FAILURE ONLY) | <ul style="list-style-type: none"><li>• DOBUTAMINE (DOBUTREX)</li><li>• DOPAMINE (GENERIC, INTROPIN)</li><li>• ISOPERANALINE</li></ul>                                                                                                                                                                                                                                                                                                   |

## 15. ANTI ARRHYTHMIC DRUGS

|                                                                             |                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) $\text{Na}^+$ CHANNEL BLOCKERS                                           | <ul style="list-style-type: none"><li>• DISOPYRAMIDA (GENERIC, NORPACE)</li><li>• PROCAINAMIDE (GENERIC, PROCAN SR)</li><li>• QUINIDINE (GENERIC, QUINIDEX)</li><li>• LIDOCANE (GENERIC, XYLOCAINE)</li><li>• MEXILETINE(MEXITIL)</li><li>• TOCAINIDE</li><li>• FLECAINIDE (TAMBOCOR)</li><li>• PROPAFENONE</li></ul> |
| 2) $\beta$ -ADENO RECEPTOR BLOCKERS<br>( $\text{Ca}^+$ BLOCKERS INDIRECTLY) | <ul style="list-style-type: none"><li>• ESMOLOL</li><li>• METOPROLOL</li><li>• PROPANOLOL</li></ul>                                                                                                                                                                                                                   |
| 3) $\text{Ca}^+$ CHANNEL BLOCKERS<br>( $\text{Ca}^+$ BLOCKERS DIRECTLY)     | <ul style="list-style-type: none"><li>• DILTIAZEM (CARDIZEM)</li><li>• VERAPAMEL (CALAN)</li></ul>                                                                                                                                                                                                                    |
| 4) $\text{K}^+$ CHANNEL BLOCKERS                                            | <ul style="list-style-type: none"><li>• AMIODAPRONE (CORDARONE)</li><li>• DOFETILIDE</li><li>• SOTALOL</li></ul>                                                                                                                                                                                                      |
| 5) OTHER S                                                                  | <ul style="list-style-type: none"><li>• ADENOSINE (ADNOCARD)</li><li>• DIGOXIN</li></ul>                                                                                                                                                                                                                              |

## 16. ANTI HYPERTENSIVE DRUGS

|                                                      |                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) ACE INHIBITORS<br>(ANGIOTENSIN CONVERTING ENZYME) | <ul style="list-style-type: none"><li>• BENAZEPRIL</li><li>• CAPTOPRIL (CAPOTEN)</li><li>• ENALAPRIL (VASOTEC)</li><li>• FOSINOPRIL (MONOPRIL)</li><li>• LISINOPRIL (PRINVIRIL, ZESTRIL)</li><li>• MOEXIPRIL (UNIVASC)</li><li>• QUINAPRIL (ACCUPRIL)</li><li>• RAMIPRIL (ALTACE)</li><li>• TRANDOLAPRIL (MAVIK)</li></ul>                      |
| 2) ANGIOTENSIN II RECEPTOR ANTAGONISTS               | <ul style="list-style-type: none"><li>• IRBESARTAN</li><li>• LOSARTAN (COZAAR)</li><li>• TELMISARTAN</li><li>• VALSARTAN (DIOVAN, VALTREX)</li></ul>                                                                                                                                                                                            |
| 3) $\text{Ca}^{2+}$ CHANNEL BLOCKERS                 | <p>a) DIPHENYL ALKYL AMINS:</p> <ul style="list-style-type: none"><li>• VERAPAMIL (CALAN)</li><p>b) BENZO THI AZEPINES:</p><ul style="list-style-type: none"><li>• DILTIAZEN (DILZEM, ETIZEM)</li><p>c) DI HYDRO PYRIDINES:</p><ul style="list-style-type: none"><li>• AMLODIPINE</li><li>• FELODIPINE</li><li>• ISRADIPINE</li></ul></ul></ul> |



|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       | <ul style="list-style-type: none"> <li>• NICARDIPINE</li> <li>• NIFEDIPINE (ADALAT)</li> <li>• NISOLDIPINE</li> </ul>                                                          |
| 4) $\alpha$ -ADRENO RECEPTOR BLOCKERS | <ul style="list-style-type: none"> <li>• DOXAZOSIN (DOXCIL)</li> <li>• PRAZOSIN (MINIPRES)</li> <li>• TERAZOSIN (HYTRIN)</li> </ul>                                            |
| 5) CENTRALLY ACTING ADRENERGIC DRUGS  | <ul style="list-style-type: none"> <li>• CLONIDINE (GENERIC, CATAPRES)</li> <li>• <math>\alpha</math>-METHYL DOPA</li> </ul>                                                   |
| 6) VASODILATORS                       | <ul style="list-style-type: none"> <li>• HYDRALAZINE (GENERIC, APRESOLINE)</li> <li>• MINOXIDIL (LONITEN)</li> </ul>                                                           |
| 7) $\beta$ -BLOCKERS                  | <ul style="list-style-type: none"> <li>• ATENOLOL</li> <li>• LABETALOL</li> <li>• METOPROLOL</li> <li>• NADOLOL (NAFACIN)</li> <li>• PROPRANOLOL</li> <li>• TIMOLOL</li> </ul> |
| 8) DIURETICS                          | (CONSULT DIURETIC DRUGS)                                                                                                                                                       |

## 17. ANTI HYPER LIPIDEMIC DRUGS

|                                                                                                  |                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) HMG-COA REDUCTASE INHIBITORS (STATINS)<br>(3-HYDROXY-3-METHYL GLUTARYL CO ENZYME A REDUCTASE) | <ul style="list-style-type: none"> <li>• ATORVASTATIN (LIPITOR)</li> <li>• FLUVASTATIN</li> <li>• LOVASTATIN (MEVACOR)</li> <li>• PRAVASTATIN (PRAVACHOL)</li> <li>• RUSUVASTATIN</li> <li>• SIMVASTATIN (SIMVACOR, VASTIN)</li> </ul> |
| 2) FIBRATES                                                                                      | <ul style="list-style-type: none"> <li>• FENO FIBRATES</li> <li>• GEM FIBRATES (LOPID)</li> </ul>                                                                                                                                      |
| 3) NIACIN                                                                                        | <ul style="list-style-type: none"> <li>• NICOTINIC ACID (NICOTRIM)</li> </ul>                                                                                                                                                          |
| 4) BILE ACID SEQUESTANTS                                                                         | <ul style="list-style-type: none"> <li>• CHOLESTYRAMINE (QUESTRAN)</li> <li>• COLESEVELAM</li> <li>• COLESTIPOL (COLESTID)</li> </ul>                                                                                                  |
| 5) CHOLESTEROL ABSORPTION INHIBITORS                                                             | <ul style="list-style-type: none"> <li>• EZITIMIDE</li> </ul>                                                                                                                                                                          |

## 4) DRUGS ACTING ON BLOOD

### 18. DRUGS USED TO TREAT DISEASES OF BLOOD

|                                    |                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) PLATELET INHIBITORS             | <ul style="list-style-type: none"><li>• ASPIRIN (DISPRIN, ANAPRIN, ANTICLOT, Ec-PRIN)</li><li>• DIPYRIDAMOLE</li><li>• TICLOPIDINE</li></ul>                                                                |
| 2) ANTI COAGULANTS                 | <ul style="list-style-type: none"><li>• ENOXAPRIN</li><li>• HEPARIN (GENERIC, CALCIPARINE)</li><li>• WARFARIN (GENERIC, COUMADIN)</li></ul>                                                                 |
| 3) THROMBOLYTIC AGENTS             | <ul style="list-style-type: none"><li>• ALTEPLASE (tPA)</li><li>• ANISTREPLASE</li><li>• STREPTOKINASE</li><li>• UROKINASE</li></ul>                                                                        |
| 4) TREATMENT OF BLEEDING           | <ul style="list-style-type: none"><li>• AMINOCAPROIC ACID</li><li>• PROTAMINE SULFATE</li><li>• TRENEXAMIC ACID</li><li>• VITAMIN K</li></ul>                                                               |
| 5) TREATMENT OF ANEMIA             | <ul style="list-style-type: none"><li>• CYANOCOBALAMIN (B<sub>12</sub>) (GENERIC, CYNOTONE)</li><li>• ERYTHROPOIETIN (EPREX, ESSENTIALE)</li><li>• FOLIC ACID</li><li>• IRON (IRZAPYRIN, ISMO 20)</li></ul> |
| 6) TREATMENT OF SICKLE CELL ANEMIA | <ul style="list-style-type: none"><li>• HYDROXY UREAS</li></ul>                                                                                                                                             |



## 5) DRUGS OF GASTRO INTESTINAL TRACT

### 19. DRUGS USED TO TREAT PEPTIC ULCER

|                            |                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) H <sub>2</sub> BLOCKERS | <ul style="list-style-type: none"><li>• CIMETIDINE (TAGMET)</li><li>• FAMOTIDINE (PEPSID)</li><li>• NIZATIDINE (AXID)</li><li>• RANITIDINE (ZANTAX)</li></ul>                                       |
| 2) PROTON PUMP INHIBITORS  | <ul style="list-style-type: none"><li>• ESOMEPRAZOL</li><li>• LANSOPRAZOLE (LANZID, LANZIT, LANZAC)</li><li>• OMEPRAZOLE (OMEZOL, OMEGA)</li><li>• RABEPRAZOLE</li></ul>                            |
| 3) MUCOSAL STRENGTHENED    | <ul style="list-style-type: none"><li>• MISOPROSTAL (MITOMYCIN, MITISTATE)</li></ul>                                                                                                                |
| 4) ANTI BIOTICS            | <ul style="list-style-type: none"><li>• AMOXACILINE</li><li>• CALITHSOMYCINE</li></ul>                                                                                                              |
| 5) ANT ACIDS               | <ul style="list-style-type: none"><li>• ALUMINIUM HYDROXIDE    Al (OH)<sub>3</sub></li><li>• MAGNESIUM HYDROXIDE    Mg (OH)<sub>2</sub></li><li>• SODIUM BICARBONATE    NaHCO<sub>3</sub></li></ul> |

### 20. ANTI DIARRHOEAL DRUGS (ANTI MOTILITY)

- DIFENOXIN
- DIPHENOXYLATE (LOMOTIL, MOTILEX)
- LOPERAMIDE (LOPRIN)

### 21. ANTI CONSTIPATIVE DRUGS (LAXATIVES)

|                           |                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) IRRITANT AND STIMULANT | <ul style="list-style-type: none"><li>• ALOE</li><li>• BISACODYL (GENERIC, BICOLAX)</li><li>• CASCARA</li><li>• CASTER OIL</li><li>• SENNA</li></ul>                             |
| 2) BULKING AGENT          | <ul style="list-style-type: none"><li>• AGAR</li><li>• BRAN</li><li>• HYDROPHILLIC COLLOIDS</li><li>• METHYL CELLULOSE</li><li>• POLY ETHYLENE GLYCOL (COLONIC LEVAGE)</li></ul> |

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
|                   | <ul style="list-style-type: none"> <li>• PSYLLIUM SEEDS</li> <li>• SALINE CATHARTICS</li> </ul>                               |
| 3) STOOL SOFTNERS | <ul style="list-style-type: none"> <li>• DOCUSATE SODIUM</li> <li>• GLYCERINE SUPPOSITORIES</li> <li>• MINERAL OIL</li> </ul> |

## 22. DRUGS USED IN INFLAMMATORY BOWEL DISEASE

|                            |                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) ANTI INFLAMMATORY DRUGS | <ul style="list-style-type: none"> <li>• AZA THIOPRINE (IMPURA)<br/>(6-MEROCAPTO PURINE OR 6MP OR PURINETHOL)</li> <li>• CYCLOSPORIN (CYCLOZ)</li> <li>• GLUCOCORTICIODS &amp; ACTH</li> <li>• MESALAZINE (ASACOL, MESAZINE)</li> <li>• SULFASALAZINE (SALAZINE, SALAZODINE)</li> </ul> |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 23. ANTI EMETICS

|                                            |                                                                                                                                                                    |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) SEROTONIN 5-HT <sub>3</sub> ANTAGONISTS | <ul style="list-style-type: none"> <li>• DULASETION</li> <li>• GRANISETRON</li> <li>• ONDANSETION</li> </ul>                                                       |
| 2) DOPAMINE BLOCKERS                       | <ul style="list-style-type: none"> <li>• DOMPERIDONE (EMIDONE, MOTIL, MOTILIUM)</li> <li>• DROPERIDOL</li> <li>• HALOPERIDOL (HALOTHANE, HAPRO, HARTEN)</li> </ul> |
| 3) ANTI HISTAMINE                          | <ul style="list-style-type: none"> <li>• BELLADONA ALKALOIDS (BENADRYL)</li> </ul>                                                                                 |



- PSYLLIUM SEEDS
  - SALINE CATHARTICS
- |                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 3) STOOL SOFTNERS | <ul style="list-style-type: none"> <li>• DOCUSATE SODIUM</li> <li>• GLYCERINE SUPPOSITORIES</li> <li>• MINERAL OIL</li> </ul> |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|

## 22. DRUGS USED IN INFLAMMATORY BOWL DISEASE

- |                            |                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) ANTI INFLAMMATORY DRUGS | <ul style="list-style-type: none"> <li>• AZA THIOPRINE (IMPURA)<br/>(6-MEROCAPTO PURINE OR 6MP OR PURINETHOL)</li> <li>• CYCLOSPORIN (CYCLOZ)</li> <li>• GLUCOCORTICIODS &amp; ACTH</li> <li>• MESALAZINE (ASACOL, MESAZINE)</li> <li>• SULFASALAZINE (SALAZINE, SALAZODINE)</li> </ul> |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 23. ANTI EMETICS

- |                                |                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) SEROTONIN 5-HT3 ANTAGONISTS | <ul style="list-style-type: none"> <li>• DULASETION</li> <li>• GRANISETRON</li> <li>• ONDANSETION</li> </ul>                                                       |
| 2) DOPAMINE BLOCKERS           | <ul style="list-style-type: none"> <li>• DOMPERIDONE (EMIDONE, MOTIL, MOTILIUM)</li> <li>• DROPERIDOL</li> <li>• HALOPERIDOL (HALOTHANE, HAPRO, HARTEN)</li> </ul> |
| 3) ANTI HISTAMINE              | <ul style="list-style-type: none"> <li>• BELLADONA ALKALOIDS (BENADRYL)</li> </ul>                                                                                 |

## 4) DRUGS ACTING ON BLOOD

### 18. DRUGS USED TO TREAT DISEASES OF BLOOD

|                                    |                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) PLATELET INHIBITORS             | <ul style="list-style-type: none"><li>• ASPIRIN (DISPRIN, ANAPRIN, ANTICLOT, Ec-PRIN)</li><li>• DIPYRIDAMOLE</li><li>• TICLOPIDINE</li></ul>                                                                |
| 2) ANTI COAGULANTS                 | <ul style="list-style-type: none"><li>• ENOXAPRIN</li><li>• HEPARIN (GENERIC, CALCIPARINE)</li><li>• WARFARIN (GENERIC, COUMADIN)</li></ul>                                                                 |
| 3) THROMBOLYTIC AGENTS             | <ul style="list-style-type: none"><li>• ALTEPLASE (<i>tPA</i>)</li><li>• ANISTREPLASE</li><li>• STREPTOKINASE</li><li>• UROKINASE</li></ul>                                                                 |
| 4) TREATMENT OF BLEEDING           | <ul style="list-style-type: none"><li>• AMINOCAPROIC ACID</li><li>• PROTAMINE SULFATE</li><li>• TRENEXAMIC ACID</li><li>• VITAMIN K</li></ul>                                                               |
| 5) TREATMENT OF ANEMIA             | <ul style="list-style-type: none"><li>• CYANOCOBALAMIN (B<sub>12</sub>) (GENERIC, CYNOTONE)</li><li>• ERYTHROPOIETIN (EPREX, ESSENTIALE)</li><li>• FOLIC ACID</li><li>• IRON (IRZAPYRIN, ISMO 20)</li></ul> |
| 6) TREATMENT OF SICKLE CELL ANEMIA | <ul style="list-style-type: none"><li>• HYDROXY UREAS</li></ul>                                                                                                                                             |



## 5) DRUGS OF GASTRO INTESTINAL TRACT

### 19. DRUGS USED TO TREAT PEPTIC ULCER

|                            |                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) H <sub>2</sub> BLOCKERS | <ul style="list-style-type: none"><li>• CIMETIDINE (TAGMET)</li><li>• FAMOTIDINE (PEPSID)</li><li>• NIZATIDINE (AXID)</li><li>• RANITIDINE (ZANTAX)</li></ul>                                       |
| 2) PROTON PUMP INHIBITORS  | <ul style="list-style-type: none"><li>• ESOMEPRAZOL</li><li>• LANSOPRAZOLE (LANZID, LANZIT, LANZAC)</li><li>• OMEPRAZOLE (OMEZOL, OMEGA)</li><li>• RABEPRAZOLE</li></ul>                            |
| 3) MUCOSAL STRENGTHENED    | <ul style="list-style-type: none"><li>• MISOPROSTAL (MITOMYCIN, MITISTATE)</li></ul>                                                                                                                |
| 4) ANTI BIOTICS            | <ul style="list-style-type: none"><li>• AMOXACILINE</li><li>• CALITHSOMYCINE</li></ul>                                                                                                              |
| 5) ANT ACIDS               | <ul style="list-style-type: none"><li>• ALUMINIUM HYDROXIDE    Al (OH)<sub>3</sub></li><li>• MAGNESIUM HYDROXIDE    Mg (OH)<sub>2</sub></li><li>• SODIUM BICARBONATE    NaHCO<sub>3</sub></li></ul> |

### 20. ANTI DIARRHOEAL DRUGS (ANTI MOTILITY)

- DIFENOXIN
- DIPHENOXYLATE (LOMOTIL, MOTILEX)
- LOPERAMIDE (LOPRIN)

### 21. ANTI CONSTIPATIVE DRUGS (LAXATIVES)

|                           |                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) IRRITANT AND STIMULANT | <ul style="list-style-type: none"><li>• ALOE</li><li>• BISACODYL (GENERIC, BICOLAX)</li><li>• CASCARA</li><li>• CASTER OIL</li><li>• SENNA</li></ul>                             |
| 2) BULKING AGENT          | <ul style="list-style-type: none"><li>• AGAR</li><li>• BRAN</li><li>• HYDROPHILLIC COLLOIDS</li><li>• METHYL CELLULOSE</li><li>• POLY ETHYLENE GLYCOL (COLONIC LEVAGE)</li></ul> |

**3) STOOL SOFTNERS**

- PSYLLIUM SEEDS
- SALINE CATHARTICS
- DOCUSATE SODIUM
- GLYCERINE SUPPOSITORIES
- MINERAL OIL

**22. DRUGS USED IN INFLAMMATORY BOWEL DISEASE****1) ANTI INFLAMMATORY DRUGS**

- AZA THIOPRINE (IMPURA)  
(6-MEROCAPTO PURINE OR 6MP OR PURINETHOL)
- CYCLOSPORIN (CYCLOZ)
- GLUCOCORTICOSTEROIDS & ACTH
- MESALAZINE (ASACOL, MESAZINE)
- SULFASALAZINE (SALAZINE, SALAZODINE)

**23. ANTI EMETICS****1) SEROTONIN 5-HT<sub>3</sub> ANTAGONISTS**

- DULASETION
- GRANISETRON
- ONDANSETRON

**2) DOPAMINE BLOCKERS**

- DOMPERIDONE (EMIDONE, MOTIL, MOTILIUM)
- DROPERIDOL
- HALOPERIDOL (HALOTHANE, HAPRO, HARTEN)

**3) ANTI HISTAMINE**

- BELLADONA ALKALOIDS (BENADRYL)



## 6) DRUGS OF RESPIRATORY SYSTEM

### 24. DRUGS USED TO TREAT ASTHMA

|                                                                                               |                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) <b>β-ADRENERGIC AGONISTS</b><br>(USED AS INHALENTS)                                        | a) <b>SHORT ACTING</b> <ul style="list-style-type: none"><li>• ALBUTEROL (PROVENTIL)</li><li>• LEVALBUTEROL (XOPENEX)</li><li>• METAPROTERENOL (ALUPENT)</li><li>• PIRBUTEROL (MAXAIR)</li><li>• TERBUTALINE (BRETHAIRE)</li></ul> b) <b>LONG ACTING</b> <ul style="list-style-type: none"><li>• BITOLTEROL (TORNALATE)</li><li>• SALMETEROL XINAFOATE (SEREVENT)</li></ul> |
| 2) <b>GLUCOCORTICOIDS</b><br>(CORTICOSTEROIDS)<br>(USED AS INHALENTS &<br>SYSTEMIC AS WELL)   | <ul style="list-style-type: none"><li>• BECLOMETHASONE DIPROPIONATE (BECLOVENT VANCERIL)</li><li>• FLUTICASONE PROPIONATE (FLOVENT)</li><li>• TRIA AMACINOLONE ACETONIDE (AZMACORT)</li></ul>                                                                                                                                                                               |
| 3) <b>LEUKOTRIENE RECEPTOR<br/>ANTAGONISTS &amp;<br/>LEUKOTRIENE SYNTHESIS<br/>INHIBITORS</b> | a) <b>LEUKOTRIENE RECEPTOR ANTAGONISTS</b> <ul style="list-style-type: none"><li>• MONTELUKAST (SINGULAIR)</li><li>• ZAFIRLUKAST (ACCOLATE)</li></ul> b) <b>LEUKOTRIENE SYNTHESIS INHIBITORS</b> <ul style="list-style-type: none"><li>• ZILEUTON (ZYFLO)</li></ul>                                                                                                         |
| 4) <b>CROMOLYN &amp;<br/>NEDOCROMIL</b>                                                       | <ul style="list-style-type: none"><li>• CROMOLYN SODIUM</li><li>• NEDOCROMIL SODIUM</li></ul>                                                                                                                                                                                                                                                                               |
| 5) <b>BRONCHODILATORS</b>                                                                     | <ul style="list-style-type: none"><li>• THEOPHYLLINE (THEO PLUS)</li></ul>                                                                                                                                                                                                                                                                                                  |
| 6) <b>CHOLINERGIC<br/>ANTAGONISTS</b>                                                         | <ul style="list-style-type: none"><li>• IPRATROPIUM (ATROVENT)</li></ul>                                                                                                                                                                                                                                                                                                    |

### 25. DRUGS USED TO TREAT OTHER RESPIRATORY DISEASES

|                                                                             |                                                                                                                                                  |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) <b>DRUGS USED TO TREAT<br/>RHINITIS</b>                                  | <ul style="list-style-type: none"><li>• β-ADRENERGIC AGONISTS</li><li>• ANTIHISTAMINES</li><li>• CORTICOSTEROIDS</li><li>• CROMOLYN</li></ul>    |
| 2) <b>DRUGS USED TO TREAT<br/>CHRONIC OBSTRUCTIVE<br/>PULMONARY DISEASE</b> | <ul style="list-style-type: none"><li>• β-ADRENERGIC AGONISTS</li><li>• CORTICOSTEROIDS</li><li>• IPRATROPIUM (CHOLINERGIC ANTAGONIST)</li></ul> |

**3) DRUGS USED TO TREAT  
COUGH**

**(OPIATES)**

- BENZONATATE (TESSALON)
- CARAMIPHEN
- DEXTROMETHORPHAN
- DIPHENYL HYDRAMINE
- NOSCAPINE

## 7) DRUGS OF RENAL FUNCTION

### 26. DIURETICS

**1) CARBONIC ANHYDRASE  
INHIBITORS**

- ACETAZOLAMIDE
- DICHLORPHENAMIDE
- METHAZOLAMIDE

**2) LOOP DIURETICS**

- ETHACRYNIC ACID (EDECRIN)
- FUROSEMIDE (LASIX)

**3) THIAZIDES**

- CHLOROTHIAZIDE (DIURIT)
- CHLORTHALIDONE (HYGROTON)
- HYDROCHLOROTHIAZIDE (COZEAL)
- INDAPRAMIDE (LAZOL)
- METOLOZANE (ZYROKOT)

**4) POTASSIUM SPARING  
DIURETICS**

(ALDOSTERONE ANTAGONISTS)

- AMILORIDE (MIDAMOR)
- TRIAMTERENE (MAXZIDE)

**5) OSMOTIC DIURETICS**

- MANNITOL (GENERIC, NAOLAX)



## 8) CHEMOTHERAPEUTIC DRUGS

### 27. ANTI BACTERIAL DRUGS

|    |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) | SULPHONAMIDES                | a) ORAL ABSORABLE <ul style="list-style-type: none"> <li>i. SHORT ACTING               <ul style="list-style-type: none"> <li>• SULFAMETHIZOLE (PROKLAR)</li> <li>• SULFISOXAZOLE (PEDIAZOLE)</li> </ul> </li> <li>ii. INTERMEDIATE ACTING               <ul style="list-style-type: none"> <li>• SULFADIAZINE (GENERIC, ANTRIMA)</li> <li>• SULFAMETHOXAZOLE</li> </ul> </li> <li>iii. LONG ACTING               <ul style="list-style-type: none"> <li>• SULFADOXINE (METAFIN)</li> </ul> </li> </ul> b) TOPICAL <ul style="list-style-type: none"> <li>i. DERMAL USE               <ul style="list-style-type: none"> <li>• SILVER SULFADIAZINE</li> <li>• MEFINIDE</li> </ul> </li> <li>ii. MUCOSAL USE               <ul style="list-style-type: none"> <li>• SULFACETAMIDE</li> </ul> </li> </ul> |
| 2) | CO-TRIMOXAZOLE               | <ul style="list-style-type: none"> <li>• TRIMETHOPRIM : SULPHAMETHOXAZOLE<br/>1 : 5<br/>(BACTRIM, AMOXAZOLE)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3) | QUINOLONES & FLOROQUINOLONES | a) QUINOLONES <ul style="list-style-type: none"> <li>• CINUXACIN</li> <li>• NALIDIXIC ACID (NALACID)</li> </ul> b) FLOROQUINOLONES <ul style="list-style-type: none"> <li>• CIPROFLOXACIN (LUCID, CIPROXIN)</li> <li>• LEVOFLOXACIN (LEVOCIL)</li> <li>• LOMEFLOXACIN (LOMOTIL)</li> <li>• NORFLOXACIN (NOROXIN)</li> <li>• OFLOXACIN (OFLOX, TARIVID)</li> <li>• SPARFLOXACIN (SPARAXIN)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4) | AMINO GLYCOSIDES             | a) AMINO GLYCOSIDES CAUSING COCLEAR NERVE DAMAGE <ul style="list-style-type: none"> <li>• AMIKACIN (AMIKIN)</li> <li>• KANAMYCIN (KANACYN)</li> </ul> b) AMINO GLYCOSIDES CAUSING VERTIBULAR NERVE DAMAGE <ul style="list-style-type: none"> <li>• GENTAMYCIN (GENERIC, GENTICYN)</li> <li>• STREPTOMYCIN (GENERIC, STRIKE)</li> <li>• TOBERAMYCIN (ABBOCIN)</li> </ul> c) AMINO GLYCOSIDES USED TOPICALLY <ul style="list-style-type: none"> <li>• NEOMYCIN (GENERIC, CICATRIN)</li> <li>• PAROMOMYCIN</li> </ul>                                                                                                                                                                                                                                                                                      |

|    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5) | PENICILLINS   | <p>a) <b>NARROW SPECTRUM PENICILLINS</b></p> <p>i) <b>SHORT ACTING PENICILINS</b></p> <ul style="list-style-type: none"> <li>• PENICILLIN G (BENZYL PENICILLIN)</li> <li>• PENICILLIN V (PHENOXY METHYL PENICILLIN)</li> </ul> <p>ii) <b>PENICILLINASE RESISTANT PENICILLINS</b></p> <ul style="list-style-type: none"> <li>• CLOXACILLIN (GENERIC, AMPICLOX)</li> <li>• FLUCLOXACILLIN (FLUCOL)</li> <li>• METHICILLIN</li> <li>• NAFICILLIN</li> </ul> <p>iii) <b>LONG ACTING PENICILLINS</b></p> <ul style="list-style-type: none"> <li>• PROCAINE PENICILLIN (KANACILLIN)</li> <li>• BENZATHIN (LAPEN)</li> </ul> <p>b) <b>BROAD SPECTRUM PENICILLINS</b></p> <ul style="list-style-type: none"> <li>• AMPICILLIN (GENERIC, AMPICLOX)</li> <li>• AMOXYCILLIN (GENERIC, AMOXIL)</li> <li>• BACAMPICILLIN (BACILLOCID)</li> </ul> <p>c) <b>ANTI PSEUDOMONAL PENICILLINS</b></p> <ul style="list-style-type: none"> <li>• CARBENICILLIN</li> <li>• PIPERACILLIN</li> </ul> <p>d) <b>β-LACTAMASE INHIBITOR</b></p> <ul style="list-style-type: none"> <li>• CLAVULANIC ACID</li> <li>• SULBACTAM</li> <li>• TAZOBACTAM (TAZOCIN)</li> </ul> |
| 6) | CEPHALOSPORIN | <p>a) <b>FIRST GENERATION CEPHALOSPORIN</b></p> <ul style="list-style-type: none"> <li>• CEPHRADIN (BIOCEF)</li> <li>• CEPHALOTHIN</li> <li>• CEPHALEXIN (CEFLIN)</li> <li>• CEFADROXIL (CEDROX)</li> <li>• CEFAZOLIN (KEFZOL)</li> <li>• CEPHAPIRIN</li> </ul> <p>b) <b>SECOND GENERATION CEPHALOSPORIN</b></p> <ul style="list-style-type: none"> <li>• CEFACLOX (CECLOR)</li> <li>• CEFPROXIL</li> <li>• CEFUROXIME (CEFUZINE)</li> <li>• CEFPRODOXIME</li> <li>• LORACARBEF</li> </ul> <p>c) <b>THIRD GENERATION CEPHALOSPORIN</b></p> <ul style="list-style-type: none"> <li>• CEFOTAXIME (CLAFORAN)</li> <li>• CEFTRIAZONE (CEFCIN)</li> <li>• CEFIXIME (CEFIX)</li> <li>• CEFOPERAZONE (CEFOBID)</li> <li>• CEFTAZIDIME</li> <li>• MOXALACTAM</li> </ul> <p>d) <b>FORTH GENERATION CEPHALOSPORIN</b></p> <ul style="list-style-type: none"> <li>• CEFEPIME (CEFGARD, CEFIM, CEFIX)</li> </ul>                                                                                                                                                                                                                                        |



|    |                        |                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7) | <b>TETRACYCLINES</b>   | a) <b>SHORT ACTING TETRACYCLINES</b> <ul style="list-style-type: none"> <li>• TETRACYCLINE</li> <li>• OXY TETRACYCLINE</li> <li>• CHLOR TETRACYCLINE</li> </ul> b) <b>INTERMEDIATE ACTING TETRACYCLINES</b> <ul style="list-style-type: none"> <li>• DEMECLOCYCLINE</li> <li>• METHACYCLINE</li> </ul> c) <b>LONG ACTING TETRACYCLINES</b> <ul style="list-style-type: none"> <li>• DEOXY CYCLINE</li> </ul> |
| 8) | <b>MACROLIDES</b>      | <ul style="list-style-type: none"> <li>• AZITHROMYCINE (AZIT)</li> <li>• CARBOMYCINE</li> <li>• CLARITHROMYCINE (CLARICID)</li> <li>• ERYTHROMYCINE (ERYTHROCINE, EMYCINE)</li> </ul>                                                                                                                                                                                                                        |
| 9) | <b>CHLORAMPHENICOL</b> | <ul style="list-style-type: none"> <li>• PRITIM</li> </ul>                                                                                                                                                                                                                                                                                                                                                   |

## 28. ANTI AMOEBIC DRUGS (ANTI PROTOZOAL)

|                          |                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1) <b>LUMENAL DRUGS</b>  | <ul style="list-style-type: none"> <li>• DILOXAMIDE (DILOXAZOLE)</li> </ul>                                           |
| 2) <b>SYSTEMIC DRUGS</b> | <ul style="list-style-type: none"> <li>• CHLOROQUINE (QUINE)</li> <li>• DEHYDRO EMETINE</li> <li>• EMETINE</li> </ul> |
| 3) <b>MIXED DRUGS</b>    | <ul style="list-style-type: none"> <li>• METRONIDAZOLE (FLAGYL, AMEZOLE, FLEZOLE)</li> </ul>                          |

## 29. ANTI FUNGAL DRUGS (ANTI PROTOZOAL)

### ( ACCORDING TO THEIR CHEMICAL NATURE )

|                               |                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1) <b>POLYENES</b>            | <ul style="list-style-type: none"> <li>• AMPHOTERICIN-B (AMPICIL)</li> <li>• NATAMYCIN</li> <li>• NYSTATIN (NINSTAT)</li> </ul>   |
| 2) <b>AZOLE DERIVATIVES</b>   | <ul style="list-style-type: none"> <li>• FLUCONAZOLE (DERECON, FLUGAL)</li> <li>• ITRACONAZOLE</li> <li>• KETOCONAZOLE</li> </ul> |
| 3) <b>MISCELLANEOUS DRUGS</b> | <ul style="list-style-type: none"> <li>• FLUCYPTOCINE</li> <li>• GRIESEOFULRIN</li> </ul>                                         |

### ( ACCORDING TO THEIR SITE OF ACTION )

|                                                         |                                                                                                                                                                       |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) <b>DRUGS FOR SUBCUTANEOUS &amp; SYSTEMIC MYCOSIS</b> | <ul style="list-style-type: none"> <li>• AMPHOTERICIN-B (AMPICIL)</li> <li>• FLUCONAZOLE (DERECON, FLUGAL)</li> <li>• FLUCYPTOCINE</li> <li>• KETOCONAZOLE</li> </ul> |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|



- |                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| 2) DRUGS FOR SUPERFICIAL MYCOSIS | <ul style="list-style-type: none"> <li>• CLODRIMAZOLE</li> <li>• GRISEOFULVIN</li> <li>• MYSTATIN</li> </ul> |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|

### 30. ANTI MALARIAL DRUGS (ANTI PROTOZOAL)

- |                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| 1) QUININE & ITS SALTS     |                                                                                                     |
| 2) 9-AMNO ACRIDINES        | <ul style="list-style-type: none"> <li>• MEPOCRINE</li> </ul>                                       |
| 3) 4-AMINO QUINOLONES      | <ul style="list-style-type: none"> <li>• CHLOROQUINE (QUINE)</li> </ul>                             |
| 4) 8-AMINO QUINIDINES      | <ul style="list-style-type: none"> <li>• PRIMAQUINE</li> </ul>                                      |
| 5) BIGUANIDES              | <ul style="list-style-type: none"> <li>• PROGUANID</li> </ul>                                       |
| 6) DIAMINO PYRIMIDINES     | <ul style="list-style-type: none"> <li>• PYRIMETHAMINE</li> <li>• TRIMETHOPRIM (ANTRIMA)</li> </ul> |
| 7) SULPHONAMIDES & DAPSONE |                                                                                                     |

### 31. ANTI VIRAL DRUGS

- |                                                                   |                                                                                                                                                                                                                      |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) DRUGS INHIBITING EARLY PROTEIN SYNTHESIS                       | <ul style="list-style-type: none"> <li>• GUANIDINE</li> <li>• HYDROXY BENZYL BENZIMIDAZOLE</li> </ul>                                                                                                                |
| 2) DRUGS INHIBITING LATE PROTEIN SYNTHESIS                        | <ul style="list-style-type: none"> <li>• FLURO PHENYL ALANINE</li> <li>• METHESAZONE</li> </ul>                                                                                                                      |
| 3) DRUGS INHIBITING NUCLEAC ACID SYNTHESIS                        | <ul style="list-style-type: none"> <li>• 5-FLURO URACIL (GENERIC, CURACIL, FLURACIL)</li> <li>• ACYCLOVIR (ZOVIRAX)</li> <li>• CYTARABIN</li> <li>• GANCICLOVIR (CYTOVENE)</li> <li>• RIBAVIRIN (REBETOL)</li> </ul> |
| 4) DRUGS INHIBITING BOTH NUCLEAC ACID & PROTEIN SYNTHESIS         | <ul style="list-style-type: none"> <li>• INTERFERONES (INTRON)</li> </ul>                                                                                                                                            |
| 5) DRUGS INHIBITING ADSORPTION & PENETRATION OF SUSCEPTIBLE CELLS | <ul style="list-style-type: none"> <li>• AMANTADINE (SYMMETREL)</li> <li>• GAMMA-GLOBULIN</li> </ul>                                                                                                                 |

## 32. ANTI CANCER DRUGS

|                                         |                                                                                                                                                                                                                    |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) ANTI METABOLITES                     | <ul style="list-style-type: none"><li>• 5-FLUOROURACIL (GENERIC, CURACIL, FLURACIL)</li><li>• 6-MERCAPTOPURINE</li><li>• 6-THIOGUANINE</li><li>• CYTARABINE</li><li>• FLUDARABINE</li><li>• METHOTREXATE</li></ul> |
| 2) ANTI BIOTICS                         | <ul style="list-style-type: none"><li>• BLEOMYCINE</li><li>• DACTINOMYCIN (DAFLON, DALACIN C, DALACIN T)</li><li>• DAUNORUBICIN</li><li>• IDARUBICIN (ZAVEDOS, IDOGIL)</li><li>• PLICAMYCIN</li></ul>              |
| 3) ALKYLATING AGENTS                    | <ul style="list-style-type: none"><li>• CARMUSTINE &amp; LOMUSTINE</li><li>• CYCLOPHOSPHAMIDE &amp; IFOSFAMIDE</li><li>• MECHLORETHAMINE</li><li>• STREPTOZOTOCIN</li></ul>                                        |
| 4) MICROTUBULE INHIBITORS               | <ul style="list-style-type: none"><li>• NAVELBINE</li><li>• PACLITAXEL (TAXOL)</li><li>• VINBLASTINE (VELBE)</li><li>• VINCRIStINE (ONCOVIN)</li></ul>                                                             |
| 5) STEROID HORMONES & THEIR ANTAGONISTS | <ul style="list-style-type: none"><li>• AMINOGLUTETHIMIDES</li><li>• ESTROGENS</li><li>• FLUTAMIDE</li><li>• GOSERELIN</li><li>• LEUPROLIDE</li><li>• PREDNISONE</li><li>• TAMOXIFEN (TAMOXIN)</li></ul>           |
| 6) OTHERS                               | <ul style="list-style-type: none"><li>• ASPARAGINASE</li><li>• CISPLATIN (ZORID) &amp; CARBOPLATIN</li><li>• ETOPOSIDE</li><li>• INTERFERONS (INTRON)</li><li>• PROCARBAZINE</li></ul>                             |



## 9) DRUGS OF INFLAMMATON & PYREXIA

### 33. ANTI INFLAMMATORY, ANALGESIC & ANTIPYRATIC DRUGS

- |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1) NON SELECTIVE<br/>CYCLOOXYGENASE<br/>(COX) INHIBITOR</b>  | <ul style="list-style-type: none"><li><b>i. SALICYLIC ACID DERIVATIVES</b><ul style="list-style-type: none"><li>• ASPIRIN (DISPRIN, ANAPRIN, Ec-PRIN)</li><li>• DIFLUNISAL (DOLOBID)</li><li>• OLSALAZIN</li><li>• SALSALATE (DISALCID)</li><li>• SULFASALAZIN</li></ul></li><li><b>ii. PARA-AMINO PHENOL DERIVATIVES</b><ul style="list-style-type: none"><li>• ACETAMINOPHEN (PARACETAMOL, PANADOL, DISPROL)</li></ul></li><li><b>iii. ARYL PROPIONIC ACIDS</b><ul style="list-style-type: none"><li>• FENOPROFEN (NELFON)</li><li>• FLURBIPROFEN</li><li>• IBUPROFEN (BRUFEN)</li><li>• KETOPROFEN (ORUDIS)</li><li>• NAPROXEN (ALEVEA)</li><li>• OXAPRAZIN</li></ul></li><li><b>iv. INDOLE ACETIC ACID</b><ul style="list-style-type: none"><li>• INDOMETHACIN (INDOCIN)</li><li>• SULINDAC (CLINORIL)</li></ul></li><li><b>v. ENOLIC ACIDS</b><ul style="list-style-type: none"><li>• MELOXICAM (MOBIC)</li><li>• PIROXICAM (FELDENE)</li></ul></li><li><b>vi. FENAMATES</b><ul style="list-style-type: none"><li>• MECLOFENAMIC ACID</li><li>• MEFENAMIC ACID (PONSTAN)</li></ul></li><li><b>vii. HETROARYL ACETIC ACIDS</b><ul style="list-style-type: none"><li>• DICLOFENAC (DICLORAN)</li><li>• KETOROLAC (TORADOL)</li><li>• TOLMETIN (TOLECTIN)</li></ul></li><li><b>viii. ALKANONES</b><ul style="list-style-type: none"><li>• NABUMETONE (RELAFEN)</li></ul></li></ul> |
| <b>2) SELECTIVE<br/>CYCLOOXYGENASE-2<br/>(COX-2) INHIBITORS</b> | <ul style="list-style-type: none"><li>• CELECOXIB (CELEBREX)</li><li>• ETODOLAC (LODINE)</li><li>• NIMESULID</li><li>• ROFECOXIB (VIOXX)</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>3) DRUGS USED TO TREAT<br/>GOUT</b>                          | <ul style="list-style-type: none"><li>• ALLOPURINOL</li><li>• COLCHICINE</li><li>• PROBENECID</li><li>• SUPFIN PYRAZON</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



**4) DRUGS USED TO TREAT  
ARTHRITIS**

- CHLOROQUINE
- D-PENICILLAMINE
- GOLD SALTS
- METHOTREXATE (GENERIC, UNITREXATE)

## **34. AUTACOIDS & AUTACOID ANTAGONISTS**

**1) PROSTAGLANDINS**

- CARBOPROST
- DINOPROST
- DINOPROSTONE
- MISOPROSTOL

**2) H<sub>1</sub> ANTI HISTAMINES**

- CYCLIZINE (MIGRIL)
- DI MENHYDRINATE
- DI PHEN HYDRAMINE
- MECLIZINE

**3) H<sub>2</sub> ANTI HISTAMINES**

- CIMETIDINE (CIMET)
- FAMOTIDINE (FENCID, FAMTINE, ZEPSIN)
- NIZATIDINE
- RANITIDINE (PEPTAC, ZANTACNULCER)

**4) DRUGS USED TO TREAT  
MIGRAINE HEADACHE**

- $\beta$ -BLOCKERS
- DI HYDRO ERGOTAMINE
- ERGOTAMINE
- METHY SERGIDE
- SUMATRIPTAN

## 35. IMMUNOSUPPRESSANT

- |                                       |                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 1) NON SELECTIVE<br>IMMUNOSUPPRESSANT | <ul style="list-style-type: none"><li>• AZATHIOPRINE (AMORIN, IMURAN)</li><li>• MICOPHENOLATE MOFETIL</li></ul>         |
| 2) ANTI BODIES                        | <ul style="list-style-type: none"><li>• ANTI LYMPHOCYTE &amp; ANTI THYMOCYTE GLOBULIN</li><li>• MUROMONAB-CD3</li></ul> |
| 3) SELECTIVE<br>IMMUNOSUPPRESSANT     | <ul style="list-style-type: none"><li>• CYCLOSPORIN (SANDIMMUN)</li><li>• TACROLIMUS</li></ul>                          |

## 36. ANTI DIABETIC DRUGS

- |                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) INSULIN                 | <ul style="list-style-type: none"> <li>• INSULIN ZINC SUSPENSION</li> <li>• ISOPHENE INSULIN (HUMULIN-N, INSULATARD)</li> <li>• PROTAMINE ZINC INSULIN</li> <li>• SEMILENTE INSULIN</li> <li>• ULTRALENTE INSULIN</li> <li>• ZINC INSULIN</li> </ul>                       |
| 2) ORAL HYPOGLYCEMIC DRUGS | <ul style="list-style-type: none"> <li>• ACETOHEXAMIDE</li> <li>• CHLORPROPAMIDE (DIABENESE, DIABTUS)</li> <li>• GLIPIZIDE (GLIPASE, GLIZID)</li> <li>• GLYBURIDE</li> <li>• METFORMIN (GENERIC, DIABIN, GLUCODAL)</li> <li>• TOLAZAMIDE</li> <li>• TOLBUTAMIDE</li> </ul> |

## 37. STEROID HORMONES

- |                    |                                                                                                                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) ESTROGENS       | <ul style="list-style-type: none"> <li>• CHLOROTRIANISENE</li> <li>• DI ETHYL STILBESTROL</li> <li>• ESTRADIOL</li> <li>• ESTRIOLE</li> <li>• ESTRONE</li> <li>• ETHINYL ESTRADIOL</li> <li>• MESTRANOL</li> <li>• QUINESTROL</li> </ul> |
| 2) ANTI ESTROGENS  | <ul style="list-style-type: none"> <li>• CLOMIPHENE</li> <li>• TAMOXIFEN (GENERIC, TAMOFEN, TAMOXIN)</li> </ul>                                                                                                                          |
| 3) PROGESTINS      | <ul style="list-style-type: none"> <li>• HYDROXYPROGESTRON</li> <li>• MEDROXYPROGESTRON</li> <li>• PROGESTRON (GENERIC, MENSTROGEN)</li> <li>• NORETHINDRONE</li> <li>• NORGESTREL</li> </ul>                                            |
| 4) ANTI PROGESTINS | <ul style="list-style-type: none"> <li>• MIFEPRISTONE</li> </ul>                                                                                                                                                                         |
| 5) ANDROGENS       | <ul style="list-style-type: none"> <li>• DANAZOL (DANATRIS, DANOCHRON)</li> <li>• FLOXYMESTERONE</li> <li>• NANDROLONE (ABOLON, DURALONE)</li> <li>• STANZOLOL</li> <li>• TESTOSTERONE CYPIONATE</li> </ul>                              |



|                                               |                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6) ANTI ANDROGENS                             | <ul style="list-style-type: none"> <li>• CYPROTERONE ACETATE</li> <li>• FINASTERIDE (GENESIS, PROSCAR)</li> <li>• FLUTAMIDE (FLUTAMIDE GADOR)</li> </ul>                                                                                                                                                                |
| 7) CORTICOSTEROIDS                            | <ul style="list-style-type: none"> <li>• BECLOMETHAZONE</li> <li>• BETA METHAZONE</li> <li>• CORTISONE (COTRIMAX)</li> <li>• DEXAMETHOSONE (DECADRON)</li> <li>• DESOXYCORTICOSTERONE</li> <li>• HYDROCORTISONE</li> <li>• METHYLPREDNISOLONE</li> <li>• PREDNISONE</li> <li>• PREDNISOLONE(GENERIC, STERON)</li> </ul> |
| 8) INHIBITORS OF ADRENOCORTICOID BIOSYNTHESIS | <ul style="list-style-type: none"> <li>• AMINOGLUTETHIMIDE</li> <li>• KETOCONAZOLE (KETO, KONAZOLE)</li> <li>• MEFIPRISTONE</li> <li>• SPIRONOLACTONE (STEMETIL)</li> </ul>                                                                                                                                             |

## 38. DRUGS USED IN DERMATOLOGICAL DISEASES

## 1) GLUCOCORTICOIDS

## a) TOPICAL

- BETA METHOSONE (DIPROLENE)
- CLOBETASOL (TEMOVATE)
- DIFLORASONE (FLORONE)
- HYDROCORTISONE (HYTONE)
- TRIAMCILONE (ARISTOCORT)

## b) SYSTEMIC

- PREDNISONE
- PREDNISOLONE

## 2) TREATMENT OF PRURITIS

## a) TOPICAL

- ANTIHISTAMINES
- CAPSAICIN
- DOXEPIN
- MENTHOL
- PHENOL

## b) SYSTEMIC

- ANTIHISTAMINES
- DOXIPIN
- STEROIDS

## 39. DRUGS USED TO TREAT OBESITY

- |                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| 1) ANOREXIC AGENTS   | <ul style="list-style-type: none"> <li>• PHENTERMINE</li> <li>• SIBUTRAMINE</li> </ul> |
| 2) LIPASE INHIBITORS | <ul style="list-style-type: none"> <li>• ORLISTAT</li> </ul>                           |

## 40. DRUGS USED TO TREAT ERECTILE DYSFUNCTION

- SILDENAFIL (VIAGRA)
- ALPROSTADIL (CAVERJECT)

## 41. DRUGS USED TO TREAT AIDS

- |                                     |                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) HIV PROTEASE INHIBITORS          | <ul style="list-style-type: none"> <li>• AMPRENAVIR (AGENERASE)</li> <li>• INDINAVIR (CRIVAN)</li> <li>• NELFINAVIR (VIRACEPT)</li> <li>• RITONAVIR (NORVIR)</li> <li>• SAQUINAVIR</li> </ul>                                                                                                                                                                                 |
| 2) REVERSE TRANSCRIPTASE INHIBITORS | <p>a) NON NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS</p> <ul style="list-style-type: none"> <li>• DELAVIRDINE (RESCRIPTOR)</li> <li>• EFAVIRENZ (SUSTIVA, STOCRIN)</li> <li>• NEVIRAPINE (VIRAMUNE)</li> </ul> <p>b) OTHER REVERSE TRANSCRIPTASE INHIBITORS</p> <ul style="list-style-type: none"> <li>• ABACAVIR (ZIAGEN)</li> <li>• ADEFOVIR (PREVEON, HEPSERA)</li> </ul> |
| 3) OTHERS                           | <ul style="list-style-type: none"> <li>• DIDANOSINE (VIDEX)</li> <li>• LAMIVUDINE (EPIVIR)</li> <li>• STAVUDINE (ZERIT)</li> <li>• ZALCITABINE (HIVID)</li> <li>• ZIDOVUDINE</li> </ul>                                                                                                                                                                                       |



## 4) DRUGS ACTING ON BLOOD

### 18. DRUGS USED TO TREAT DISEASES OF BLOOD

|                                    |                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) PLATELET INHIBITORS             | <ul style="list-style-type: none"><li>• ASPIRIN (DISPRIN, ANAPRIN, ANTICLOT, Ec-PRIN)</li><li>• DIPYRIDAMOLE</li><li>• TICLOPIDINE</li></ul>                                                                |
| 2) ANTI COAGULANTS                 | <ul style="list-style-type: none"><li>• ENOXAPRIN</li><li>• HEPARIN (GENERIC, CALCIPARINE)</li><li>• WARFARIN (GENERIC, COUMADIN)</li></ul>                                                                 |
| 3) THROMBOLYTIC AGENTS             | <ul style="list-style-type: none"><li>• ALTEPLASE (<i>tPA</i>)</li><li>• ANISTREPLASE</li><li>• STREPTOKINASE</li><li>• UROKINASE</li></ul>                                                                 |
| 4) TREATMENT OF BLEEDING           | <ul style="list-style-type: none"><li>• AMINOCAPROIC ACID</li><li>• PROTAMINE SULFATE</li><li>• TRENEXAMIC ACID</li><li>• VITAMIN K</li></ul>                                                               |
| 5) TREATMENT OF ANEMIA             | <ul style="list-style-type: none"><li>• CYANOCOBALAMIN (B<sub>12</sub>) (GENERIC, CYNOTONE)</li><li>• ERYTHROPOIETIN (EPREX, ESSENTIALE)</li><li>• FOLIC ACID</li><li>• IRON (IRZAPYRIN, ISMO 20)</li></ul> |
| 6) TREATMENT OF SICKLE CELL ANEMIA | <ul style="list-style-type: none"><li>• HYDROXY UREAS</li></ul>                                                                                                                                             |