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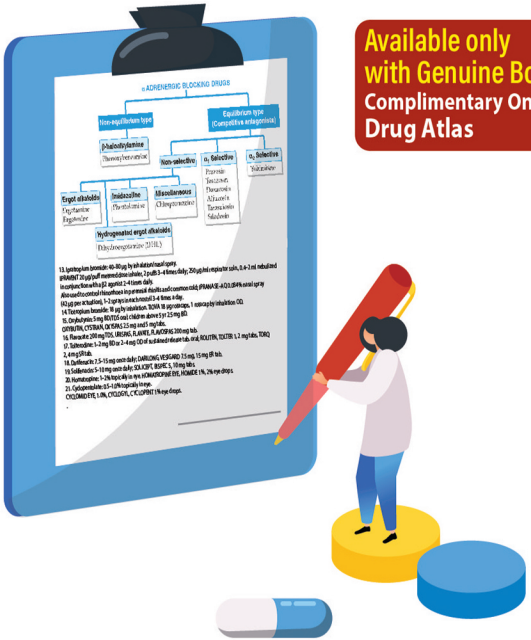
Pharmacological Classification of Drugs

with Doses and Preparations





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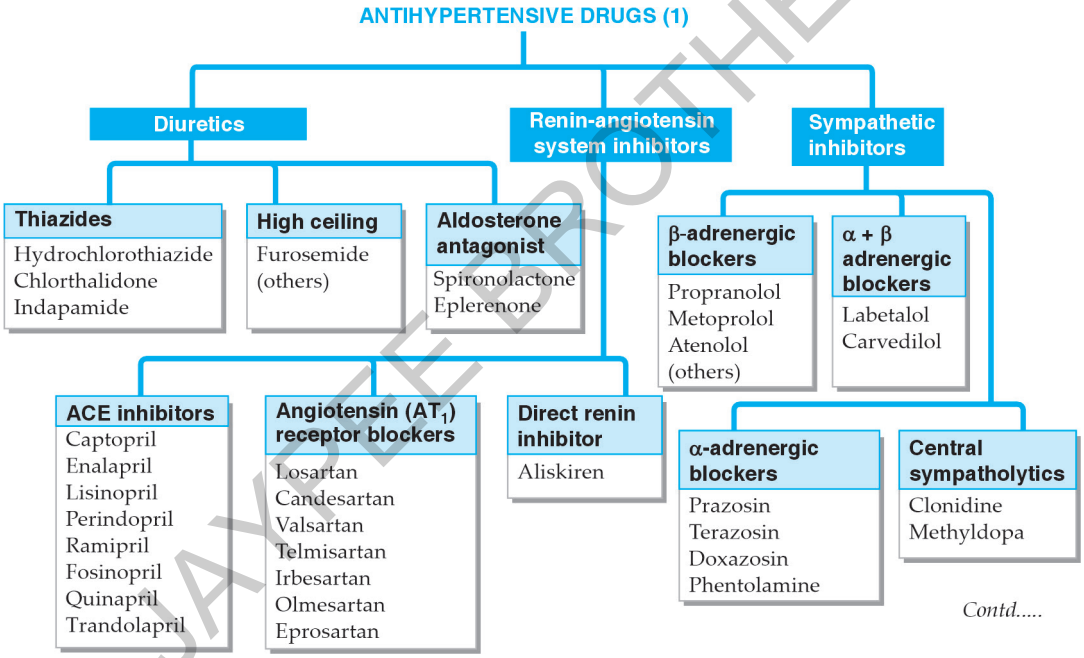

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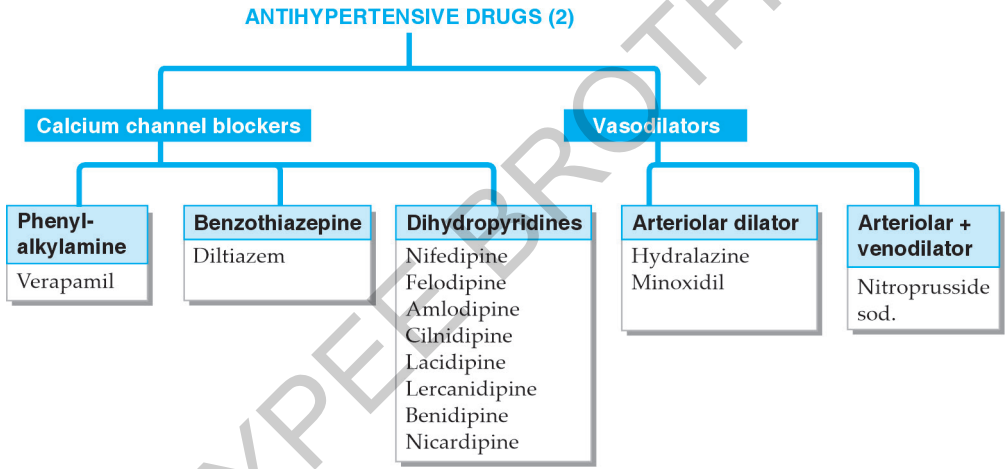

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Preparations

1. **Captopril:** Initially 25 mg BD, increase upto 50 mg TDS as needed. To be taken 1 hr before or 2 hr after a meal; ANGIOPRIL 25 mg tab, ACETEN, 12.5, 25 mg tabs.
2. **Enalapril:** 2.5 mg OD–20 mg BD; ENAPRIL, ENVAS, ENAM 2.5, 5, 10, 20 mg tabs.
3. **Lisinopril:** 5 mg OD–20 mg BD; LINVAS, LISTRIL, LIPRIL 2.5, 5, 10 mg tabs, LISORIL 2.5, 5, 10, 20 mg tabs.
4. **Perindopril:** 2 mg OD–4 mg BD; COVERSYL 2, 4 mg tabs.
5. **Ramipril:** 1.25 mg OD–5 mg BD; CARDACE, RAMIRIL, CORPRIL, R.PRIL 1.25, 2.5, 5 mg caps.
6. **Benazepril:** 10 mg OD–20 mg BD; BENACE 5, 10, 20 mg tabs.
7. **Trandolapril:** 2 mg OD–4 mg BD; ZETPRIL 1, 2 mg tabs.
8. **Fosinopril:** 10–40 mg OD; FOSINACE, FOVAS 10, 20 mg tabs.
9. **Imidapril:** Start with 5 mg (elderly 2.5 mg) OD, max. 10 mg OD; TANATRIL 5, 10 mg tabs.
10. **Quinapril:** 10–40 mg/day; Q-PRESS-H Quinapril 20 mg + hydrochlorothiazide 12.5 mg tab.
11. **Losartan:** 50 mg OD (max. 50 mg BD), liver disease and volume depleted patients 25 mg OD; LOSAR, LOSACAR, TOZAAR, ALSARTAN 25, 50 mg tabs.
12. **Candesartan:** 8 mg OD (max. 8 mg BD), liver/kidney disease patients 4 mg OD; CANDESAR, CANDILONG, CANDESTAN 4, 8 mg tabs.
13. **Irbesartan:** 150–300 mg OD; IROVEL, IRBEST 150, 300 mg tabs.
14. **Valsartan:** 80–160 mg OD; DIOVAN 40, 80, 160 mg tabs. STARVAL, VALZAAR 80, 160 mg tabs.
15. **Telmisartan:** 20–80 mg OD; TELMA, TELSAR, TELVAS 20, 40, 80 mg tabs.
16. **Olmesartan medoxomil:** 20–40 mg OD; OLMAT, OLSAR 20, 40 mg tabs.
17. **Eprosartan:** 600 mg OD; EPROZAR 600 mg tab.

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18. **Aliskiren:** 150–300 mg OD; RASILEZ 150 mg tab; RASILEZ-HC alongwith hydrochlorothiazide 12.5 mg.
19. **Verapamil:** 40–160 mg TDS oral, 5 mg by slow i.v. inj; CALAPTIN 40, 80 mg tab, 120, 240 mg SR tab; 5 mg/2 ml inj, VASOPTEN 40, 80, 120 mg tabs.
20. **Diltiazem:** 30–60 mg TDS–QID oral; DILZEM 30, 60 mg tabs, 90 mg SR tab; 25 mg/5 ml inj; ANGIZEM 30, 60, 90, 120, 180 mg tab, DILTIME 30, 60 mg tab; 90, 120 mg SR tab.
21. **Nifedipine:** 5–20 mg BD–TDS oral; CALCIGARD, DEPIN, NIFELAT 5, 10 mg cap, also 10 mg, 20 mg SR (RETARD) tab., ADALAT RETARD 10, 20 mg SR tab.
22. **Felodipine:** 5–10 mg OD (max. 10 mg BD); FELOGARD, PLENDIL, RENDIL 2.5, 5, 10 mg ER tab.
23. **Amlodipine:** 5–10 mg OD; AMLOPRES, AMCARD, AMLOPIN, MYODURA 2.5, 5, 10 mg tabs.
24. **S(–) Amlodipine:** 2.5–5 mg OD; S-NUMLO 1.25, 2.5, 5.0 mg tabs; S-AMCARD, ASOMEX 2.5, 5.0 mg tabs.
25. **Nitrendipine:** 5–20 mg OD; CARDIF, NITREPIN 10, 20 mg tab.
26. **Cilnidipine:** 5–20 mg OD; CILACAR, CILAGARD 5, 10 mg tab.
27. **Lacidipine:** 4–6 mg OD; LACIVAS, SINOPIL 2, 4 mg tabs.
28. **Benidipine:** 4–8 mg OD; CARITEC 4, 8 mg tabs.
29. **Lercanidipine:** 10–20 mg OD; LERKA 10, 20 mg tabs.
30. **Nicardipine:** 20–40 mg TDS oral, 30–60 mg BD as ER tab; 5–15 mg/hr i.v. infusion; NICARDIPINE 25 mg/10 ml inj.
31. **Hydrochlorothiazide:** 12.5–50 mg OD; AQUAZIDE. THIAZIDE, HYDRIDE 12.5, 25, 50 mg tabs.
32. **Chlorthalidone:** For hypertension 12.5–25 mg OD; as diuretic 50–100 mg OD in the morning. HYTHALTON 50, 100 mg tab., THALIZIDE 12.5, 25 mg tabs.
33. **Indapamide:** 2.5 mg OD; LORVAS, NATRILIX 2.5 mg tab, NATRILIX-SR, NATRITOR-SR 1.5 mg tab.
34. **Clonidine:** Start with 100 μg OD or BD, max 300 μg TDS, orally; CATAPRES 150 μg tab, ARKAMIN 100 μg tab.

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35. Methyldopa: 0.25–0.5 g BD–QID; EMDOPA, ALPHADOPA 250 mg tab.
36. Hydralazine: 25–50 mg OD–TDS; NEPRESOL 25 mg tab.
37. Sodium nitroprusside: Initiate i.v. infusion with 0.02 mg/min, titrate with lowering of blood pressure upto 0.1–0.3 mg/min; SONIDE, PRUSIDE, NIPRESS 50 mg in 5 ml inj.

Note: *See* Index for preparations of other drugs.

Some combined antihypertensive formulations

1. Amlodipine 5 mg + Lisinopril 5 mg—AMLOPRES-L, LISTRIL-AM
2. Amlodipine 5 mg + Atenolol 50 mg—AMCARD-AT, AMLOPIN-AT, AMLOPRES-AT
3. Amlodipine 5 mg + Enalapril 5 mg—AMACE, AMTAS-E
4. Atenolol 25 mg or 50 mg + Chlorthalidone 12.5 mg—TENOCLOR, TENORIC
5. Enalapril 10 mg + Hydrochlorothiazide 25 mg–ENACE-D, VASONORM-H
6. Ramipril 2.5 mg + Hydrochlorothiazide 12.5 mg—CARDACE-H
7. Losartan 50 mg + Hydrochlorothiazide 12.5 mg—LOSAR-H, TOZAAR-H, LOSACAR-H
8. Lisinopril 5 mg + Hydrochlorothiazide 12.5 mg—LISTRIL PLUS, LISORIL-HT
9. Losartan 50 mg + Ramipril 2.5 mg or 5 mg—TOZAAR-R, LAPIDO-R
10. Losartan 50 mg + Amlodipine 5 mg—AMCARD-LP, AMLOPRES-Z, LOSACAR-A
11. Irbesartan 150 mg + Hydrochlorothiazide 12.5 mg—IROVEL-H, XARB-H.
12. Telmisartan 40 mg + Hydrochlorothiazide 12.5 mg—TELVAS-H, TELMA-H.

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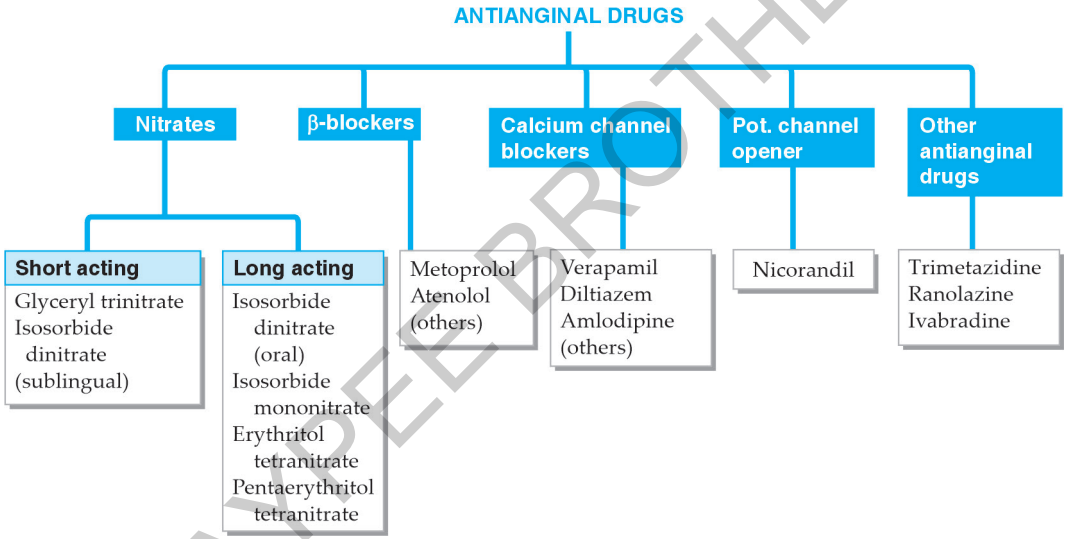

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Preparations

1. Glyceryl trinitrate (GTN), Nitroglycerine:
   0.5 mg sublingual, 0.4–0.8 mg s.l. spray; 5–15 mg oral;
   ANGISED 0.5 mg tab, NITROLINGUAL spray, GTN spray 0.4 mg per spray; ANGISPAN-TR 2.5, 6.5 mg SR cap, NITROCONTIN, CORODIL 2.6, 6.4 mg CR tabs.
   One transdermal patch for 14–16 hr per day; NITRODERM-TTS 5 or 10 mg patch;
   5–20 µg/min i.v.; MYOVIN, MILLISROL, NITROJECT 5 mg/ml inj.
2. Isosorbide dinitrate: 5–10 mg sublingual; SORBITRATE 5, 10 mg tab.
   10–20 mg oral; ISORDIL 5 mg sublingual & 10 mg oral tab; 20–40 mg sustained release oral.
3. Isosorbide-5-mononitrate: 10–40 mg oral; MONOTRATE 10, 20, 40 mg tab, 25 mg and 50 mg SR tab, 5-MONO, MONOSORBITRATE 10, 20, 40 mg tab.
4. Erythrityl tetranitrate: 15–60 mg oral; CARDILATE 5, 15 mg tab.
5. Pentaerythritol tetranitrate: 10–40 mg oral.
   PERITRATE 10 mg tab; 80 mg sustained release oral; PERITRATE-SA 80 mg SR tab.
6. Nicorandil: 5–20 mg BD.
   NIKORAN, 5, 10 mg tabs, 2 mg/vial and 48 mg/multidose vial inj; KORANDIL 5, 10 mg tabs.
7. Trimetazidine: 20 mg TDS after meals.
   FLAVEDON, CARVIDON, TRIVEDON 20 mg tabs, 35 mg modified release tab.
8. Ranolazine: 0.5–1.0 g BD as SR tab; RANOZEX, REVULANT, RANX, CARTINEX, RANOLAZ 500 mg SR tab.
9. Ivabradine: 5–7.5 mg BD, elderly 2.5 mg BD; IVABRAD, IVABEAT 5, 7.5 mg tab.

Note: See Index for preparations of β-blockers and calcium channel blockers.

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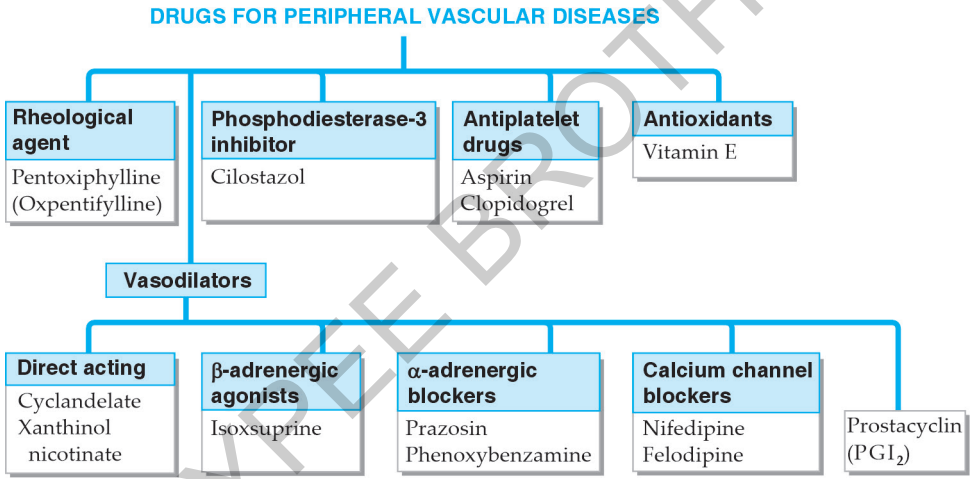

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Preparations

1. **Pentoxiphylline:** 400 mg BD–TDS.
   TRENTAL-400, FLEXITAL 400 mg SR tab, 300 mg/15 ml for slow i.v. injection.
2. **Cyclandelate:** 200–400 mg TDS;
   CYCLOSPASMOL, CYCLASYN 200, 400 mg tab/cap.
3. **Xanthinol nicotinate:** 300–600 mg TDS oral; 300 mg by i.m. or slow i.v. injection;
   COMPLAMINA 150 mg tab, 500 mg retard tab, 300 mg/2 ml inj.
4. **Cilostazol:** 100 mg BD half hour before or 2 hours after food;
   CILODOC, PLETOZ, STILOZ, ZILAST 50, 100 mg tabs.

Note: See Index for preparations of other drugs.

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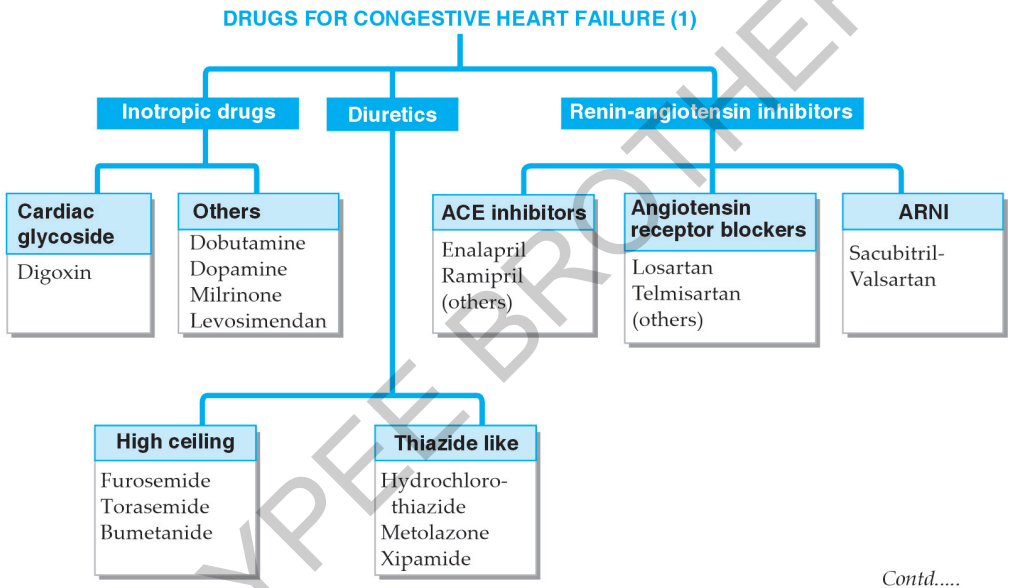

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ACE: Angiotensin converting enzyme; ARNI: Angiotensin receptor-neprilysin inhibitor

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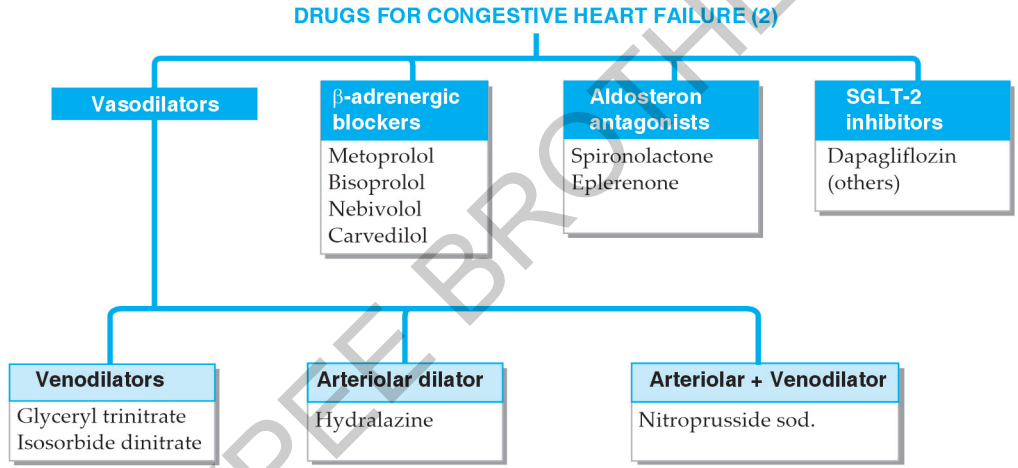

SGLT-2: Sodium-glucose cotransporter-2

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Preparations

1. Digoxin: 0.25–0.5 mg/day (elderly 0.125–0.25 mg/day) oral adjusted according to response; 0.25 mg slow i.v. injection followed by 0.1 mg 1–2 hourly as needed; LANOXIN, SANGOXIN 0.25 mg tab, CELOXIN 0.25 mg tab, 0.05 mg/ml pediatric elixir, 0.5 mg/2 ml inj.
2. Sacubitril-valsartan: 50–200 mg/day oral; ENTRESTO, VYMADA 50, 100, 200 mg tabs (containing 24 + 26 mg, or 49 + 51 mg, or 97 + 103 mg sacubitril + valsartan).
3. Milrinone: 50 µg/kg i.v. bolus followed by 0.4–1.0 µg/kg/min i.v. infusion; PRIMACOR IV 10 mg/10 ml inj.

Note: See Index for preparations of other drugs.

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Pharmacological Classification of Drugs with Doses and Preparations

The 7th edition of *Pharmacological Classification of Drugs with Doses and Preparations* presents a systematized and updated listing of easy-to-remember drug classifications in the form of eye-catching and hierarchically arranged charts. These classifications are also therapeutically meaningful, and a useful aid to quickly allocate drugs to their appropriate pharmacological/ therapeutic category. Such an orderly listing has become imperative due to the current availability of a very large number of drugs. Each classification chart is followed by core prescribing information about every member drug, viz. dose, routes and frequency of administration, along with a limited number of leading proprietary (brand) names and dosage forms. This also makes the booklet a ready-reckoner for prescribing with accuracy and confidence.

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