Angina is a chest pain or we can say that it is a signal informing us that there is lack of oxygen supply to myocardium. This is generally occurring at the left side of the chest. It has 02 main types: (1) Classical Angina (Common form) - Those type of angina which may arise due to over work like exercise, emotion etc. (2) Variant or prinzmetal’s Angina (uncommon form) - Attack occurs at rest or during sleep and doesn’t disappear after rest.

**Nitrates**

- Short Acting
  - Glyceryl Trinitrate (GTN, Nitro Glycerin)
- Long Acting
  - Isosorbide dinitrate, Isosorbide mononitrate, Erythritol tetranitrate
  - Pentaerythritol tetranitrate

**Beta Blocker**
- Propranolol, Metoprolol, Atenolol, and others

**Ca++ Channel Blocker**
- Phenyl alkylamine-Verapamil,
  - Benzothiazepine-Diltiazem,
  - Dihydropyridines-Nifedipin, Felodipine,
  - Amlodipine, Nifendipine,
  - Nimodipine, Lacidipine, Lercanidipine, Benidipine

**K+ Channel Opener**
- Nicorandil

**Others**
- Dipyridamole, Trimetazidine, Ranolazine, Oxphedrine

---

**Other Clinical Application of K+ Channel Opener**

1. Angina Pectoris
2. Hypertension
3. Congestive heart failure
4. Myocardial salvage in MI
5. Alopecia
6. Bronchial asthma
7. Urinary urge incontinence
8. Premature labour (Ref: KD Tripathi)

---

**Diagram is Made by Solution Pharmacy**

E Mail- solutionpharmacy@gmail.com & Reach solution at- www.facebook.com/pharmavideo/