

Blood Pressure Drugs

(Hypertension)

Calcium Channel Blockers

Example

Amlodipine
Bepridil
Clevidipine
Diltiazem
Felodipine
Lacidipine
Lercanidipine
Levamlodipine
Isradipine
Nicardipine
Nifedipine
Nimodipine
Nisoldipine
Verapamil

Side effects

Palpitations
Swollen ankles
Constipation
Headache
Dizziness

Block calcium (causes a stronger and harder contraction) from entering the smooth muscle cells of the heart and blood vessels. decreasing the calcium, the hearts' contraction is not as forceful, which reduces heart rate and lowers blood pressure.

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Beta-blockers

Reduce heart rate and force of pumping,
heart pumps less blood through the
blood vessels, so blood pressure decreases.

Side effects

- Insomnia
- Slow heartbeat
- Impotence
- Tiredness or depression
- Symptoms of asthma

Example

- Acebutolol
- Atenolol
- Betaxolol
- Bisoprolol
- Celiprolol
- Carvedilol
- Labetalol
- Metoprolol
- Nadolol
- Nebivolol
- Penbutolol
- Propranolol
- Pindolol
- Sotalol

Blood Pressure Drugs

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ACE (Angiotensin Converting Enzyme) Inhibitors

Side effects

- Skin rash
- Chronic dry
- Kidney damage (Rare)
- Hyperkalemia (Increased Potassium)
- Avoid Pregnancy (harm fetus)

Help the body produce less angiotensin
(causes blood vessels to narrow)
which helps the blood vessels relax
and open up, which, in turn,
lowers blood pressure.

Example

- Benazepril
- Captopril
- Enalapril Maleate
- Fosinopril sodium
- Lisinopril
- Moexipril
- Perindopril
- Quinapril
- Ramipril
- Trandolapril

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Angiotensin II Receptor Blockers (ARBs)

Protects the blood vessels to become narrow by blocking angiotensin II ,
in result blood vessels dilate
and blood pressure is reduced.

Side effects

- Dizziness
- Sinus problems
- Upset stomach
- Swelling
- Avoid Pregnancy (harm fetus)

Example

- Candesartan
- Eprosartan
- Irbesartan
- Losartan
- Telmisartan
- Valsartan

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Alpha-2 Agonists, Central-Acting

Preventing brain from sending signals to nervous system to speed up heart rate, heart doesn't pump as hard and blood flows more easily, resulting BP low.

Side effects

- Severe dryness
- Constipation
- Drowsiness.
- Impotence (male)
- Sudden drop in BP

Example

- Clonidine
- Guanabenz
- Guanfacine
- Methyldopa
- Lofexidine

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Vasodilators

Side effects

- Heart palpitations
- Headaches
- Swelling
- Joint pain

Relax and widen the walls of the blood vessels, allowing blood to flow more easily.
causes blood pressure to drop

Example

- Diazoxide
- Hydralazine
- Minoxidil
- Nitroprusside

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Renin Inhibitors

Side effects

- Angioedema
- Hyperkalemia
- Dizziness
- Hives
- Stuffy nose

Block renin.
this helps to widen blood vessels,
which lowers blood pressure.

Example

Aliskiren

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Diuretics

Example

Amiloride
Bendroflumethiazide
Bumetanide
Chlorothiazide
Chlorthalidone
Ethaerynic acid
Furosemide
Hydrochlorothiazide
Indapamide
Methyclothiazide
Metolazone
Piretanide
Spironolactone
Torsemide
Triamterene

Side effects

Increased blood sugar.
Leg cramps
Decrease potassium
Gout attack after prolonged use
Impotence

Flush excess water and salt from the body through urine .This reduces the volume of blood that needs to pass through blood vessels, which lowers blood pressure.