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## Pharmaceutical Agents of Cardiac Diseases and Describe Some of Medications to Treat Cardiac Disease

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The huge range of medicines which can be presently used to treat cardiac sickness. Some of these medications are described underneath. Blood thinners or anticoagulants, examples of anticoagulants include heparin, enoxaparin, dalteparin, tinzaparin and warfarin. These dealers decrease the clotting ability of the blood and save you blockages within the blood vessels that can lead to coronary heart attacks and strokes. Anticoagulants cannot dissolve a clot that is already formed, but they save you the expansion of any current clots and prevent the formation of any new clots [1]. Antiplatelet marketers Examples of antiplatelet marketers encompass aspirin, ticlopidine, clopidogrel and dipyridamole. These capsules prevent platelets from sticking collectively and forming blood clots. They are beneficial for preventing recurrent attacks in patients who have already had a heart assault. They are also used to prevent recurrence in volatile angina, ischemic stroke and TIA (temporary ischemic assaults).

Angiotensin-changing enzyme (ACE) inhibitors Examples of these dealers include captopril, enalapril, lisinopril, perindopril and ramipril. ACE inhibitors decrease the production of a hormone called angiotensin II. This relaxes the blood vessels and decreases re-absorption of water within the kidneys, which, in flip, decreases blood stress. Angiotensin II receptor blockers Examples of these tablets encompass candesartan, irbesartan, losartan, telmisartan and valsartan. These dealers also prevent the moves of angiotensin II, but through blocking the angiotensin II receptor instead of reducing the extent of angiotensin II in the blood [2]. Beta-blockers Examples of these tablets encompass atenolol, acebutolol, bisoprolol, metoprolol, nadolol and sotalol. These retailers act with the aid of reducing the coronary heart rate, cardiac output and blood stress. They are used to deal with excessive blood strain, cardiac arrhythmias (ordinary heart rhythms), angina, and coronary heart failure. These tablets are used to prevent recurrence of heart attacks in patients who have already had an attack [3].

Calcium channel blockers examples of those retailers include amlodipine, nifedipine, felodipine, nimodipine, diltiazem and verapamil. These drugs prevent the motion of calcium into cells of the blood vessels and coronary heart and are used to deal with high blood strain, angina and arrhythmias. Diuretics or water capsules - Examples include chlorothiazide, hydrochlorothiazide, cholrthalidone, furosemide, indapamide, amiloride and spironolactone. These sellers growth the quantity of salt and water excreted in the urine, thereby reducing the overall blood volume. This way the heart has much less work to do and

blood strain is likewise decreased. Diuretics are used to treat heart failure and high blood pressure. Vasodilators - Examples encompass glyceryl trinitrate, isosorbide and mononitrate. Vasodilators relax the blood vessels and are used to treat high blood pressure and angina digitalis [4]. This cardio-lively drug is a steroid that turns on the cardiac muscle and is used to treat heart failure, arrhythmia and atrial fibrillation. Statins, fibrates and niacin, these capsules help reduce the blood cholesterol degree, thereby lowering the chance of coronary heart disorder. Examples encompass atorvastatin, simvastatin, paravastatin, clofibrate, gemfibrosil and niacin.

There are many tablets prescribed for coronary heart ailment. It's vital for human beings with heart disorder and people who take care of them to apprehend the meds, follow the labels, and apprehend viable facet results. The ones the general public with coronary heart disease are given by their medical doctor include: ACE inhibitors: These widen arteries to decrease your blood strain and make it less difficult on your coronary heart to pump blood. Aldosterone inhibitors: Eplerenone (Inspra) and spironolactone (Aldactone) are a part of a category of medication known as potassium-sparing diuretics. They can ease the swelling and water build-up coronary heart disease can cause. They help the kidneys ship unneeded water and salt out of your tissues and blood into your urine to be released. These tablets can also assist a few signs, even whilst you take different remedies [5]. They shield your coronary heart by using blocking off a chemical in your frame called aldosterone that reasons salt and fluid construct-up.

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Decreases the clotting (coagulating) ability of the blood. Sometimes referred to as blood thinners, even though they do not honestly thin the blood. They do NOT dissolve current blood clots. Used to treat certain blood vessel coronary heart and lung conditions. Some sufferers who have coronary heart assaults, that have stents located in their coronary arteries, or go through coronary artery bypass graft surgical procedure (CABG) are handled with kinds of antiplatelet retailers on the equal time to prevent blood clotting. This is called dual antiplatelet therapy.

## References

1. Yang MC, Wu JR (2018) Recent review of transcatheter closure of atrial septal defect. *Kaohsiung J Med Sci* 34: 363-369.
2. Fraisse A, Latchman M, Sharma SR, Bayburt S, Amedro P, et al. (2018) Atrial septal defect closure: indications and contra-indications. *J Thorac Dis* 24: S2874-S2881.
3. Vasquez AF, Lasala JM (2013) Atrial septal defect closure. *Cardiol Clin* 3: 385-400.
4. Stout KK, Daniels CJ, Aboulhosn JA, Bozkurt B, Broberg CS, et al. (2019) 2018 AHA/ACC Guideline for the Management of Adults With Congenital Heart Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. *J Am Coll Cardiol* 73: 1494-1563.
5. Xu WZ, Shou XY, Li JH, Yu JG, Zhang ZW, et al. (2018) Non-fluoroscopic percutaneous transcatheter closure of atrial septal defects in children under transesophageal echocardiographic guidance. *World J Pediatr* 14: 378-382.