



Cardiac Pharmacology

Group name	Generic / Chemical names	Trade / Brand names	Reason for prescription	Desired effect on body	Common side effects	Effects during exercise	Implications to the Rehabilitation Program Co-ordinator (RPC)
Diuretic	<ul style="list-style-type: none"> Bendrofluazide Fruzemide Amiloride 	<ul style="list-style-type: none"> Aprinox Lasix Amilamont 	<ul style="list-style-type: none"> Hypertension Heart failure 	<ul style="list-style-type: none"> Increases excretion of water 	<ul style="list-style-type: none"> Dehydration GI disturbances 	<ul style="list-style-type: none"> Postural hypotension 	<ul style="list-style-type: none"> Advise regular fluid intake Caution with transitions
Nitrate	<ul style="list-style-type: none"> Glyceryl Trinitrate (GTN) Isosorbide Mononitrate 	<ul style="list-style-type: none"> Glytrin spray Ismo 	<ul style="list-style-type: none"> Angina Heart failure 	<ul style="list-style-type: none"> Vasodilation 	<ul style="list-style-type: none"> Headache Dizziness 	<ul style="list-style-type: none"> Tachycardia Hypotension 	<ul style="list-style-type: none"> Cannot rely on HR as a means of assessing intensity
Calcium Channel Blockers	<ul style="list-style-type: none"> Verapamil Nifedipine Amlodipine Diltiazem 	<ul style="list-style-type: none"> Cordilox Adalat Istin Tildiem 	<ul style="list-style-type: none"> Angina Hypertension 	<ul style="list-style-type: none"> Vasodilation and reduction in myocardial contractility 	<ul style="list-style-type: none"> Flushing Headache Dizziness 	<ul style="list-style-type: none"> Bradycardia Tachycardia Palpitations 	<ul style="list-style-type: none"> Cannot rely on HR as a means of assessing intensity
ACE Inhibitors	<ul style="list-style-type: none"> Captopril Lisinopril Ramipril Trandolapril 	<ul style="list-style-type: none"> Capoten Zestril Tritace Odrik 	<ul style="list-style-type: none"> Hypertension Heart failure Post MI 	<ul style="list-style-type: none"> Blocks vasoconstriction 	<ul style="list-style-type: none"> Skin rash Dry cough 	<ul style="list-style-type: none"> Tachycardia Hypotension 	<ul style="list-style-type: none"> Cannot rely on HR as a means of assessing intensity
Angiotensin-II Receptor Antagonists	<ul style="list-style-type: none"> Candesartan Irbesartan Valsartan 	<ul style="list-style-type: none"> Amias Aprovel Diovan 	<ul style="list-style-type: none"> Hypertension Heart failure Post MI 	<ul style="list-style-type: none"> Blocks vasoconstriction 	<ul style="list-style-type: none"> GI disturbances Dizziness 	<ul style="list-style-type: none"> Tachycardia Hypotension 	<ul style="list-style-type: none"> Cannot rely on HR as a means of assessing intensity
Alpha-adrenoceptor Blocking Agents	<ul style="list-style-type: none"> Prazosin Doxazosin Terazosin 	<ul style="list-style-type: none"> Hypovase Cardura Hytrin 	<ul style="list-style-type: none"> Hypertension 	<ul style="list-style-type: none"> Vasodilation 	<ul style="list-style-type: none"> Dizziness Nausea Headache 	<ul style="list-style-type: none"> Postural hypotension 	<ul style="list-style-type: none"> Caution with transitions
Beta-blockers	<ul style="list-style-type: none"> Propranolol Atenolol Carvedilol 	<ul style="list-style-type: none"> Inderal Tenormin Eucardic 	<ul style="list-style-type: none"> Hypertension Angina Arrhythmias Anxiety Post MI 	<ul style="list-style-type: none"> Reduces HR and myocardial contractility 	<ul style="list-style-type: none"> Bradycardia Heart failure Bronchospasm GI disturbances 	<ul style="list-style-type: none"> Bradycardia Fatigue Muscle cramps 	<ul style="list-style-type: none"> Cannot rely on HR as a means of assessing intensity



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Potassium-channel Activators	<ul style="list-style-type: none">• Nicorandil	<ul style="list-style-type: none">• Ikorel	<ul style="list-style-type: none">• Angina	<ul style="list-style-type: none">• Vasodilation	<ul style="list-style-type: none">• Headache• Flushing• Dizziness	<ul style="list-style-type: none">• Weakness	<ul style="list-style-type: none">• Control, balance, and strength
Anti-platelet drugs	<ul style="list-style-type: none">• Aspirin• Clopidogrel• Dipyridamole	<ul style="list-style-type: none">• Caprin• Plavix• Persantin	<ul style="list-style-type: none">• CHD• Post MI	<ul style="list-style-type: none">• Inhibit thrombus formation	<ul style="list-style-type: none">• Bronchospasm• Nausea• GI disturbances	<ul style="list-style-type: none">• None (stated)	<ul style="list-style-type: none">• None (stated)
