NI Formulary: Chapter 2 Cardiovascular System

Please refer to the full version of the Formulary for further advice and information.

Therapeutic Area	Drug choice
Cardiac glycosides	1 **Digoxin** tablets 62.5micrograms, 125micrograms, 250micrograms
Thiazide and related diuretics	1 **Indapamide** tablets 2.5mg 2 **Indapamide** m/r tablets 1.5mg
Loop diuretics	1 **Furosemide** tablets 20mg, 40mg 2 **Bumetanide** tablets 1mg
Potassium-sparing diuretics	1 **Amiloride** tablets 5mg
Aldosterone antagonists	1 **Eplerenone** tablets 25mg, 50mg 2 **Spironolactone** tablets 12.5mg, 25mg, 50mg, 100mg
Potassium-sparing diuretics with other diuretics	1 **Co-amilofruse** tablets 2.5/20 (amiloride 2.5mg, furosemide 20mg) 5/40 (amiloride 5mg, furosemide 40mg)
Beta-adrenoceptor blocking drugs	1 **Bisoprolol** tablets 1.25mg, 2.5mg, 3.75mg, 5mg, 7.5mg, 10mg 2 **Carvedilol** tablets 3.125mg, 6.25mg, 12.5mg, 25mg **or** 2 **Nebivolol** tablets 2.5mg, 5mg Where a 1.25 mg daily dose is required, prescribe half of a scored 2.5 mg tablet in preference to 1.25 mg tablets due to the substantially lower cost. *See NIF*
Alpha-adrenoceptor blocking drugs	1 **Doxazosin** tablets 1mg, 2mg, 4mg (immediate release tablets)
Angiotensin-converting enzyme (ACE) inhibitors *(hypertension)*	1 **Lisinopril** tablets 2.5mg, 5mg, 10mg, 20mg **or** 1 **Perindopril** (erbumine) tablets 2mg, 4mg, 8mg
Angiotensin-converting enzyme (ACE) inhibitors *(heart failure)*	1 **Lisinopril** tablets 2.5mg, 5mg, 10mg, 20mg **or** 1 **Perindopril** (erbumine) tablets 2mg, 4mg **or** 1 **Ramipril** capsules, tablets1.25mg, 2.5mg, 5mg, 10mg
Angiotensin-converting enzyme (ACE) inhibitors *(secondary prevention)*	1 **Perindopril** (erbumine) tablets 2mg, 4mg, 8mg **or** 1 **Ramipril** capsules, tablets 1.25mg, 2.5mg, 5mg, 10mg
Angiotensin-II receptor antagonists (AIIRAs/ARBs) *(Hypertension)*	1 **Candesartan** tablets 2mg, 4mg, 8mg, 16mg, 32mg **or** 1 **Losartan** tablets 12.5mg, 25mg, 50mg, 100mg
Angiotensin-II receptor antagonists (AIIRAs/ARBs) *(Heart failure)*	1 **Candesartan** tablets 2mg, 4mg, 8mg, 16mg, 32mg 2 **Valsartan** capsules 40mg, 80mg,160mg
Angiotensin-II receptor antagonists (AIIRAs/ARBs) *(Diabetic nephropathy in type II diabetes mellitus)*	1 **Losartan** tablets 12.5mg, 25mg, 50mg, 100mg 2 **Irbesartan** tablets 75mg, 150mg, 300mg

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Therapeutic Area		Drug choice
Nitrates	1	**For acute relief Glyceryl trinitrate** spray 400micrograms per metered dose
	1	**Prophylaxis for angina Isosorbide mononitrate** m/r capsules 25mg, 40mg, 50mg, 60mg; m/r tablets 25mg, 40mg, 50mg, 60mg
Calcium-channel blockers (CCBs) *(Hypertension)*	1	**Amlodipine** tablets 5mg, 10mg
	2	**Lercanidipine** tablets 10mg, 20mg
Calcium-channel blockers (CCBs) *(Angina - patient taking a beta blocker)*	1	**Amlodipine** tablets 5mg, 10mg
Calcium-channel blockers (CCBs) *(Angina - patient unable to tolerate a beta-blocker)*	1	**Diltiazem** m/r tablets 60mg, 90mg, 120mg; m/r capsules 60mg, 90mg, 120mg, 180mg, 200mg, 240mg, 300mg, 360mg **Prescibe by brand name**
Calcium-channel blockers (CCBs) *(Supraventricular arrhythmias)*	1	**Verapamil** m/r tablets 120mg, 240mg; **Prescribe by brand name under secondary care guidance only**
Oral anticoagulants - *Prophylaxis of stroke and systemic embolism in non-valvular AF*		**Non-vitamin K antagonist Oral Anticoagulant (NOAC)**
	1	**Apixaban** tablets 2.5mg, 5mg
	2	**Rivaroxaban** tablets 15mg, 20mg **or**
	2	**Dabigatran** capsules 110mg, 150mg **or**
	2	**Edoxaban** tablets 15mg, 30mg, 60mg
	3	**Warfarin** tablets 1mg, 3mg
Oral anticoagulants - *treatment of Pulmonary Embolism (PE) and Deep Vein Thrombosis (DVT) and prevention of recurrent DVT and PE* Refer to NICE-Apixaban or Rivaroxaban are first line however choices vary depending on co-morbidities/clinical features	1	**Apixaban** tablets 2.5mg, 5mg **or**
	1	**Rivaroxaban** tablets 15mg, 20mg
	2	**Dabigatran** capsules 110mg, 150mg **or**
	2	**Edoxaban** tablets 30mg, 60mg **or**
	2	**Warfarin** tablets 1mg, 3mg
Oral anticoagulants - *prophylaxis of venous thromboembolism in orthopaedics*	1	**Apixaban** tablets 2.5mg
	2	**Dabigatran** capsules 75mg, 100mg **or**
	2	**Rivaroxaban** tablets 10mg (note capsules are high cost)
Antiplatelet drugs - *Initial drug therapy and secondary prevention after myocardial*	1	**Aspirin** dispersible tablets 75mg, 300mg
Antiplatelet drugs – *Management of Myocardial Infarction (STEMI or NSTEMI)*	1	Aspirin indefinitely + P2Y12 inhibitor for up to 12 months then stopped. The P2Y12 inhibitors are listed below and **should be**

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Therapeutic Area	Drug choice
	prescribed according to local trust protocol: · Clopidogrel · Prasugrel (for patients undergoing PCI only) · Ticagrelor
Antiplatelet drugs – *Secondary prevention in cerebrovascular disease, peripheral arterial disease of multivascular disease*	1 **Clopidogrel** 75mg tablets
Antifibrinolytic drugs and haemostatics	1 **Tranexamic acid** tablets 500mg
Lipid-regulating drugs	1 **Atorvastatin** tablets 20mg, 40mg, 80mg **or** 1 **Rosuvastatin** tablets 5mg, 10mg, 20mg, 40mg