

## NI Formulary: Chapter 2 Cardiovascular System

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

Therapeutic Area	Drug choice
<b>Cardiac glycosides</b>	<ol style="list-style-type: none"> <li>1 Digoxin tablets 62.5micrograms, 125micrograms, 250micrograms</li> </ol>
<b>Thiazide and related diuretics</b>	<ol style="list-style-type: none"> <li>1 Indapamide tablets 2.5mg</li> <li>2 Indapamide m/r tablets 1.5mg</li> </ol>
<b>Loop diuretics</b>	<ol style="list-style-type: none"> <li>1 Furosemide tablets 20mg, 40mg</li> <li>2 Bumetanide tablets 1mg</li> </ol>
<b>Potassium-sparing diuretics</b>	<ol style="list-style-type: none"> <li>1 Amiloride tablets 5mg</li> </ol>
<b>Aldosterone antagonists</b>	<ol style="list-style-type: none"> <li>1 Eplerenone tablets 25mg, 50mg</li> </ol>
	<ol style="list-style-type: none"> <li>2 Spironolactone tablets 12.5mg, 25mg, 50mg, 100mg</li> </ol>
<b>Potassium-sparing diuretics with other diuretics</b>	<ol style="list-style-type: none"> <li>1 Co-amilofruse tablets 2.5/20 (amiloride 2.5mg, furosemide 20mg) 5/40 (amiloride 5mg, furosemide 40mg)</li> </ol>
<b>Beta-adrenoceptor blocking drugs</b>	<ol style="list-style-type: none"> <li>1 Bisoprolol tablets 1.25mg, 2.5mg, 3.75mg, 5mg, 7.5mg, 10mg</li> </ol>
	<ol style="list-style-type: none"> <li>2 Carvedilol tablets 3.125mg, 6.25mg, 12.5mg, 25mg</li> </ol>
	<ol style="list-style-type: none"> <li>2 Nebivolol tablets 2.5mg, 5mg</li> </ol> <p>N.B. Prescribe 5mg tablets for doses 2.5mg-10mg. If a 1.25mg dose is required prescribe 2.5mg tablets and request half tablet dosing.</p> <p><a href="#">See NIF</a></p>
<b>Alpha-adrenoceptor blocking drugs</b>	<ol style="list-style-type: none"> <li>1 Doxazosin tablets 1mg, 2mg, 4mg (immediate release tablets)</li> </ol>
<b>Angiotensin-converting enzyme (ACE) inhibitors (hypertension)</b>	<ol style="list-style-type: none"> <li>1 Lisinopril tablets 2.5mg, 5mg, 10mg, 20mg</li> </ol>
	<ol style="list-style-type: none"> <li>1 Perindopril (erbumine) tablets 2mg, 4mg, 8mg</li> </ol>
<b>Angiotensin-converting enzyme (ACE) inhibitors (heart failure)</b>	<ol style="list-style-type: none"> <li>1 Lisinopril tablets 2.5mg, 5mg, 10mg, 20mg</li> </ol>
	<ol style="list-style-type: none"> <li>1 Perindopril (erbumine) tablets 2mg, 4mg</li> </ol>
	<ol style="list-style-type: none"> <li>1 Ramipril capsules, tablets 1.25mg, 2.5mg, 5mg, 10mg</li> </ol>
<b>Angiotensin-converting enzyme (ACE) inhibitors (secondary prevention)</b>	<ol style="list-style-type: none"> <li>1 Perindopril (erbumine) tablets 2mg, 4mg, 8mg</li> </ol>
	<ol style="list-style-type: none"> <li>1 Ramipril capsules, tablets 1.25mg, 2.5mg, 5mg, 10mg</li> </ol>
<b>Angiotensin-II receptor antagonists (AIIIRAs/ARBs) (Hypertension)</b>	<ol style="list-style-type: none"> <li>1 Candesartan tablets 2mg, 4mg, 8mg, 16mg, 32mg</li> </ol>
	<ol style="list-style-type: none"> <li>1 Losartan tablets 12.5mg, 25mg, 50mg, 100mg</li> </ol>
<b>Angiotensin-II receptor antagonists (AIIIRAs/ARBs) (Heart failure)</b>	<ol style="list-style-type: none"> <li>1 Candesartan tablets 2mg, 4mg, 8mg, 16mg, 32mg</li> </ol>
	<ol style="list-style-type: none"> <li>2 Valsartan capsules 40mg, 80mg, 160mg</li> </ol>
<b>Angiotensin-II receptor antagonists (AIIIRAs/ARBs) (Diabetic nephropathy in type II diabetes mellitus)</b>	<ol style="list-style-type: none"> <li>1 Losartan tablets 12.5mg, 25mg, 50mg, 100mg</li> </ol>
	<ol style="list-style-type: none"> <li>2 Irbesartan tablets 75mg, 150mg, 300mg</li> </ol>

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<b>Nitrates</b>	<ul style="list-style-type: none"> <li>① For acute relief <b>Glyceryl trinitrate</b> spray 400micrograms per metered dose</li> <li>① <b>Prophylaxis for angina Isosorbide mononitrate</b> m/r capsules 25mg, 40mg, 50mg, 60mg; m/r tablets 25mg, 40mg, 50mg, 60mg</li> </ul>
<b>Calcium-channel blockers (CCBs) (Hypertension)</b>	<ul style="list-style-type: none"> <li>① <b>Amlodipine</b> tablets 5mg, 10mg</li> <li>② <b>Lercanidipine</b> tablets 10mg, 20mg</li> </ul>
<b>Calcium-channel blockers (CCBs) (Angina - patient taking a beta blocker)</b>	<ul style="list-style-type: none"> <li>① <b>Amlodipine</b> tablets 5mg, 10mg</li> </ul>
<b>Calcium-channel blockers (CCBs) (Angina - patient unable to tolerate a beta-blocker)</b>	<ul style="list-style-type: none"> <li>① <b>Diltiazem</b> m/r tablets 60mg, 90mg, 120mg; m/r capsules 60mg, 90mg, 120mg, 180mg, 200mg, 240mg, 300mg, 360mg <b>Prescribe by brand name</b></li> </ul>
<b>Calcium-channel blockers (CCBs) (Supraventricular arrhythmias)</b>	<ul style="list-style-type: none"> <li>① <b>Verapamil</b> m/r tablets 120mg, 240mg; <b>Prescribe by brand name under secondary care guidance only</b></li> </ul>
<b>Oral anticoagulants - Prophylaxis of stroke and systemic embolism in non-valvular AF</b>	<p style="text-align: center;"><b>Non-vitamin K antagonist Oral Anticoagulant (NOAC)</b></p> <ul style="list-style-type: none"> <li>① <b>Apixaban</b> tablets 2.5mg, 5mg</li> <li>② <b>Rivaroxaban</b> tablets 15mg, 20mg <b>or</b></li> <li>② <b>Dabigatran</b> capsules 110mg, 150mg <b>or</b></li> <li>② <b>Edoxaban</b> tablets 15mg, 30mg, 60mg</li> <li>③ <b>Warfarin</b> tablets 1mg, 3mg</li> </ul>
<b>Oral anticoagulants - treatment of Pulmonary Embolism (PE) and Deep Vein Thrombosis (DVT) and prevention of recurrent DVT and PE</b>  <a href="#">Refer to NICE-Apixaban or Rivaroxaban are first line however choices vary depending on co-morbidities/clinical features</a>	<ul style="list-style-type: none"> <li>① <b>Apixaban</b> tablets 2.5mg, 5mg <b>or</b></li> <li>① <b>Rivaroxaban</b> tablets 15mg, 20mg</li> <li>② <b>Dabigatran</b> capsules 110mg, 150mg <b>or</b></li> <li>② <b>Edoxaban</b> tablets 30mg, 60mg <b>or</b></li> <li>② <b>Warfarin</b> tablets 1mg, 3mg</li> </ul>
<b>Oral anticoagulants - prophylaxis of venous thromboembolism in orthopaedics</b>	<ul style="list-style-type: none"> <li>① <b>Apixaban</b> tablets 2.5mg</li> <li>② <b>Dabigatran</b> capsules 75mg, 100mg <b>or</b></li> <li>② <b>Rivaroxaban</b> tablets 10mg (note capsules are high cost)</li> </ul>
<b>Antiplatelet drugs -</b>  <i>Initial drug therapy and secondary prevention after myocardial</i>	<ul style="list-style-type: none"> <li>① <b>Aspirin</b> dispersible tablets 75mg, 300mg</li> </ul>
<b>Antiplatelet drugs – Management of Myocardial Infarction (STEMI or NSTEMI)</b>	<ul style="list-style-type: none"> <li>① Aspirin indefinitely + P2Y12 inhibitor for up to 12 months then stopped. The P2Y12 inhibitors are listed below and <b>should be</b></li> </ul>

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	<p><b>prescribed according to local trust protocol:</b></p> <ul style="list-style-type: none"> <li>· Clopidogrel</li> <li>· Prasugrel (for patients undergoing PCI only)</li> <li>· Ticagrelor</li> </ul>
<p><b>Antiplatelet drugs –</b>  <i>Secondary prevention in cerebrovascular disease, peripheral arterial disease of multivascular disease</i></p>	<p>① <b>Clopidogrel</b> 75mg tablets</p>
<p><b>Antifibrinolytic drugs and haemostatics</b></p>	<p>① <b>Tranexamic acid</b> tablets 500mg</p>
<p><b>Lipid-regulating drugs</b></p>	<p>① <b>Atorvastatin</b> tablets 20mg, 40mg, 80mg <b>or</b>            ① <b>Rosuvastatin</b> tablets 5mg, 10mg, 20mg, 40mg</p>