1. Arrhythmias		Primary Care	Acute/ Specialist Services
Anti-arrhythmias			
Adenosine			✓
Amiodarone		\$	✓
Disopyramid	e	¢	✓
Dronedarone	)	÷	1
Flecainide		<del>\$</del>	✓
Lidocaine (lig	nocaine) hydrochloride		✓
Propafenone			✓
Verapamil		¢	1
Cardiac glycosides			
Digoxin		✓	✓
Digoxin spec	ific antibody (DigiFab <sup>®</sup> )		✓
2. Bleeding disorders		Primary Care	Acute/ Specialist Services
Antifibrinolytics			
Tranexamic a	acid	✓	✓
3. Blood clots		Primary Care	Acute/ Specialist Services
Blocked catheters and li	nes – No Formulary choices		
3.2 Thromboembolism	ו	Primary Care	Acute/ Specialist Services
Antidotes and chelators			
Andexanet a	Ifa		✓
Comment: To be prescribed	in line with local protocol	I	
Antithrombotics - antipla	atelet drugs		
Aspirin		1	✓
Clopidogrel		✓	✓
Prasugrel (Et	fient <sup>®</sup> ) – (for clopidogrel intolerance, stent, thrombosis el or for continuation of therapy recommended by $e_{0}$	<b></b>	~

	Ticagrelor (Brilique <sup>®</sup> )	<b></b>	✓
Comment: T	icagrelor – Continuation of treatment initiated in a tertiary centre ACS patients intolerant of clopidogrel Stent thrombosis while on clopidogrel Consultant cardiologist initiation for ACS patients with posit	ive troponins	
Antithromb	ootics - Factor XA inhibitors		
	Edoxaban (1 <sup>st</sup> line DOAC for AF <b>)</b> – Also see.	✓	✓
	Direct Oral Anticoagulants for Stroke Risk Reduction in Atrial Fibrillation		
	Rivaroxaban (1 <sup>st</sup> line for DVT & PE)	✓	1
	Apixaban – (follow SMC guidance)	✓	1
	Fondaparinux sodium inj. (to be used with guidance)		✓
Antithromb	ootics - Heparins		
	Enoxaparin	<del>\$</del>	1
	Heparin	¢	~
Antithrom	ootics - Vitamin K antagonists	_	<u> </u>
	Warfarin	✓	1
	Phenindione		✓
4. Blood pr 4.1 Hyperte	ressure conditions	Primary Care	Acute/ Specialist Services
4.1 Hyperte	ressure conditions	Care	Acute/ Specialist
4.1 Hyperte	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance	Care	Acute/ Specialist
4.1 Hyperte	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Se	Care	Acute/ Specialist
4.1 Hyperte Comment: F <u>http</u> Alpha-adre	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Se enoceptor blockers	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte Comment: F <u>http</u> Alpha-adre	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Se enoceptor blockers Doxazosin (standard release tablets only)	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte	ressure conditions         ension         For Hypertension guidance, please refer to NICE Hypertension Guidance         For Hypertension guidance, please refer to NICE Hypertension Guidance         ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sector         enoceptor blockers         Doxazosin (standard release tablets only)         cting antihypertensive drugs	Care e ociety. ✓	Acute/ Specialist Services
4.1 Hyperte Comment: F <u>http</u> Alpha-adre Centrally a	ressure conditions         ension         For Hypertension guidance, please refer to NICE Hypertension Guidance         ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sector blockers         enoceptor blockers         Doxazosin (standard release tablets only)         cting antihypertensive drugs         Methyldopa	Care e ociety. ✓	Acute/ Specialist Services
4.1 Hyperte Comment: F <u>http</u> Alpha-adre Centrally a	ressure conditions         ension         For Hypertension guidance, please refer to NICE Hypertension Guidance         ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sector blockers         enoceptor blockers         Doxazosin (standard release tablets only)         cting antihypertensive drugs         Methyldopa	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte Comment: F http Alpha-adre Centrally a Alpha- and	ressure conditions         ension         For Hypertension guidance, please refer to NICE Hypertension Guidance, //guidance.nice.org.uk/CG127 and the British and Irish Hypertension Scienceptor blockers         enoceptor blockers         Doxazosin (standard release tablets only)         cting antihypertensive drugs         Methyldopa         beta-adrenoceptor blockers         Carvedilol	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte Comment: F http Alpha-adre Centrally a Alpha- and	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance (//guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sec enoceptor blockers Doxazosin (standard release tablets only) cting antihypertensive drugs Methyldopa beta-adrenoceptor blockers Carvedilol Labetalol	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte Comment: F http Alpha-adre Centrally a Alpha- and Beta-adren	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance c://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sec enoceptor blockers Doxazosin (standard release tablets only) cting antihypertensive drugs Methyldopa beta-adrenoceptor blockers Carvedilol Labetalol	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte Comment: F http Alpha-adre Centrally a Alpha- and Beta-adren	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance ://guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sec enoceptor blockers Doxazosin (standard release tablets only) cting antihypertensive drugs Methyldopa beta-adrenoceptor blockers Carvedilol Labetalol coceptor blocker non-selective Propranolol	Care e ociety.	Acute/ Specialist Services
4.1 Hyperte Comment: F http Alpha-adre Centrally a Alpha- and Beta-adren	ressure conditions ension For Hypertension guidance, please refer to NICE Hypertension Guidance, //guidance.nice.org.uk/CG127 and the British and Irish Hypertension So enoceptor blockers Doxazosin (standard release tablets only) cting antihypertensive drugs Methyldopa beta-adrenoceptor blockers Carvedilol Labetalol coceptor blocker non-selective Propranolol	Care e ociety.	Acute/ Specialist Services

Metoprolol	✓	1
Nebivolol	¢	1
Calcium-channel blockers	-	
Amlodipine	✓	✓
Felodipine	√	1
Rate-limiting calcium – channel blockers		•
Diltiazem (Tildiem <sup>®</sup> LA, Tildiem Retard <sup>®</sup> )	1	✓
<b>Comment:</b> Available as both standard release and sustained release preparations. S may be produced by many different manufacturers and may not have the same bioar products should be prescribed by brand name (the locally recommended brands are preparations may be prescribed generically.	vailabilities, there	fore, these
Verapamil	✓	✓
Thiazides and related diuretics		
Indapamide (1 <sup>st</sup> line)	1	✓
Bendroflumethiazide	1	✓
Angiotensin-converting enzyme inhibitors		
Lisinopril	✓	✓
Perindopril erbumine	√	✓
Ramipril	✓	✓
Angiotensin-II receptor antagonists		
Candesartan (1 <sup>st</sup> line)	✓	✓
Valsartan (2 <sup>nd</sup> line)	1	✓
Irbesartan	√	✓
Losartan	√	✓
Vasodilator antihypertensive		
Hydralazine	<del>\$</del>	✓
4.1a Hypertension associated with phaeochromocytoma	Primary Care	Acute/ Specialist Services
No formulary choices		
4.1b Hypertensive crises	Primary Care	Acute/ Specialist Services
No formulary choices		

4.1c Pulmonary hypertension	Primary Care	Acute/ Specialist Services
Macitentan (Opsumit <sup>®</sup> )	<del>\$</del>	<del>\$</del>
Riociguat film coated tablets (Adempas <sup>®</sup> )	<del>\$</del>	<del>\$</del>
Sildenafil (Revatio <sup>®</sup> )	<del>\$</del>	÷
4.2 Hypotension and shock	Primary Care	Acute/ Specialist Services
notropic sympathomimetics		
Dopamine		✓
Vasoconstrictor sympathomimetics		
Midodrine	<del>\$</del>	✓
Noradrenaline (norepinephrine)		✓
5. Cardiovascular risk assessment and prevention	Primary Care	Acute/ Specialist Services
No formulary choices		
No formulary choices 6. Heart failure	Primary Care	Acute/ Specialist Services
6. Heart failure		Specialist
5. Heart failure		Specialist
6. Heart failure Potassium-sparing diuretics	Care	Specialist Services
6. Heart failure Potassium-sparing diuretics Spironolactone (1 <sup>st</sup> line)	Care ⊂	Specialist Services
5. Heart failure Potassium-sparing diuretics Spironolactone (1 <sup>st</sup> line) Eplerenone (2 <sup>nd</sup> line)	Care ⊂	Specialist Services
5. Heart failure Potassium-sparing diuretics Spironolactone (1 <sup>st</sup> line) Eplerenone (2 <sup>nd</sup> line) Angiotensin II receptor antagonists Sacubitril/valsartan (Entresto <sup>®</sup> ) - <i>as per local guidance</i> Sodium glucose co-transporter 2 inhibitors	Care ⊂	Specialist Services
5. Heart failure Potassium-sparing diuretics Spironolactone (1 <sup>st</sup> line) Eplerenone (2 <sup>nd</sup> line) Angiotensin II receptor antagonists	Care ⊂	Specialist Services

7. Hyperlipidaemia		Primary Care	Acute/ Specialist Services
Lipid mod	ifying drugs	•	1
Bile acid s	sequestrants		
	Colestyramine	<del>\$</del>	✓
Cholester	ol absorption inhibitors		
	Ezetimibe	✓	✓
Fibrates			
	Fenofibrate (1 <sup>st</sup> line)	<b></b>	✓
	Bezafibrate (2 <sup>nd</sup> line)	+ +	· · ·
Statins			
Statins	· · · · · · · · · · · · · · · · · · ·		
0	Atorvastatin (1 <sup>st</sup> line)	•	✓
Comment:	Chewable atorvastatin tablets not to be prescribed Simvastatin (2 <sup>nd</sup> line)	✓	<b>√</b>
		✓ ✓	✓
	Pravastatin	✓ ✓	<ul> <li>✓</li> </ul>
	Rosuvastatin	•	•
Others			
	Evolocumab (Repatha <sup>®</sup> ) (1 <sup>st</sup> line PCSK9-inhibitor)	<del>\$</del>	1
	Alirocumab (Praluent <sup>®</sup> ) (2 <sup>nd</sup> line PCSK9-inhibitor)	<del>\$</del>	1
	Bempedoic acid (Nilemdo <sup>®</sup> )	<del>\$</del>	✓
	Inclisiran (Leqvio <sup>®</sup> )		✓
<ul> <li>statin into</li> <li>where eze</li> <li>where pro</li> </ul>	Bempedoic acid is approved for use in combination with ezetimibe in patie lerant or for whom a statin is contra-indicated and etimibe alone does not appropriately control LDL-C and oprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitors are not appro- commendation from the lipid clinic but can be initiated in primary care.		
Inclisiran is approved for use in line with <u>SMC restrictions</u> . To be prescribed by the lipid clinic and supplied via the approved Homecare service. <b>Not for prescribing in Primary Care</b> . Inclisiran can be prescribed after maximally tolerated statins, ezetimibe, bempedoic acid have been ineffective in reaching target cholesterol levels.and be considered as an alternative to the PCSK9-inhibitors. May be used as monotherapy or as an add-on to other oral agents.			
8. Myoca	rdial ischaemia	Primary Care	Acute/ Specialist Services
Glycoprotein IIB/IIIA inhibitors			
	Tirofiban		✓

Selective sinus node 1 <sub>f</sub> inhibitors			
	Ivabradine -3 <sup>rd</sup> line after beta-blockers & diltiazem for IHD, heart failure as per SMC guidance	✓	✓
Potassium- channel openers			
	Nicorandil	✓	✓

8.1 Acute Coronary Syndromes	Primary Care	Acute/ Specialist Services
Antithrombotics - antiplatelet drugs		
Prasugrel (Efient <sup>®</sup> ) – (for clopidogrel intolerance, stent, thrombosis on clopidogrel or for continuation of therapy recommended by tertiary centre)	<del>\$</del>	~
Ticagrelor (Brilique <sup>®</sup> )	\$	✓
Comment: Ticagrelor – Continuation of treatment initiated in a tertiary centre ACS patients intolerant of clopidogrel Stent thrombosis while on clopidogrel Consultant cardiologist initiation for ACS patients with positi	ve troponins	
Fibrinolytic drugs		
Alteplase (for ischaemic stroke & for life threatening P.E)		✓
Tenecteplase (for ST elevation M.I.)		✓
Nitrates		
Glyceryl trinitrate	✓	✓
Comment: Patches not recommended due to tolerance problems		
Isosorbide mononitrate	✓	1
notropic sympathomimetics		
Dobutamine		✓
8.1a Cardiac arrest		Acute/ Specialist Services
Sympathomimetics vasoconstrictor		•
Adrenaline (epinephrine)		✓
Allergic emergencies	·	• •
Adrenaline (epinephrine)		
Epipen <sup>®</sup> Auto-injector	✓	✓
Jext <sup>®</sup> Auto-injector	✓	1
		t

Key  $\checkmark$  Initiate and continue  $\mbox{\ensuremath{\ens$ 

Forth Valley Formulary Last amended December 23

between different brands. Patients should be advised to carry two in-date auto-injectors with them at all times.

9.Oedema	Primary Care	Acute/ Specialist Services		
Diuretics				
Loop diuretics				
Furosemide (1 <sup>st</sup> line)	✓	✓		
Bumetanide (2 <sup>nd</sup> line)	✓	✓		
Co-amilofruse	1	1		
Comment: Diuretics should be prescribed separately except for patients with poor compliance where combination products may be indicated. Potassium containing diuretic combinations: Most patients do not require potassium supplementation. For those patients who may require potassium supplements, potassium-sparing diuretics should be used. Potassium containing diuretics do not contain adequate amounts of potassium to match the patients' requirements and are therefore not advised for use. Osmotic diuretics				
Mannitol		✓		
Thiazides and related diuretics				
Metolazone 5mg tablets (Xaqua <sup>®</sup> )	¢	1		
Comment: Xaqua 5mg tablets are licensed and should be prescribed in all new patients. Xaqua tab and can be halved. The bioavailability between Xaqua and other unlicensed formulations can vary be and can be halved. The bioavailability between Xaqua and other unlicensed formulations can vary be and can be halved. The bioavailability between Xaqua and other unlicensed formulations can vary be and can be halved. The bioavailability between Xaqua and other unlicensed formulations can vary be and can be halved. The bioavailability between Xaqua and other unlicensed formulations can vary be and can be halved. The bioavailability between Xaqua and other unlicensed formulations can vary be and can be halved.         10. Vascular disease       Primary Care		up to two-fold Acute/ Specialist		
		Services		
Peripheral vasodilators				
Naftidrofuryl	✓	✓		
10.1 Vein malformations	Primary Care	Acute/ Specialist Services		
No formulary choices				

Key ✓ Initiate and continue +Continue where appropriate. <u>Forth Valley Formulary Last amended December 23</u>