1. Arrhythmias	Primary Care	Acute/ Specialist Services	
Anti-arrhythmia	s	•	
Ad	enosine		✓
An	niodarone	\$	✓
Dis	sopyramide	\$	✓
Dre	onedarone	\$	✓
Fle	ecainide	+	✓
Lic	locaine (lignocaine) hydrochloride		✓
Pro	opafenone		✓
Ve	rapamil	\$	✓
Cardiac glycosi	des		
Dig	goxin	✓	✓
Dig	goxin specific antibody (DigiFab®)		✓
2. Bleeding disorders		Primary Care	Acute/ Specialist Services
Antifibrinolytics	5		
Tra	anexamic acid	✓	✓
3. Blood clots		Primary Care	Acute/ Specialist Services
Blocked cathete	ers and lines – <i>No Formulary choic</i> es		
3.2 Thromboe	mbolism	Primary Care	Acute/ Specialist Services
Antidotes and o	helators		
An	dexanet alfa		✓
Comment: To be	prescribed in line with local protocol		
Antithrombotics	s - antiplatelet drugs		
As	pirin	✓	✓
Clo	ppidogrel	✓	✓
on	asugrel (Efient [®]) – (for clopidogrel intolerance, stent, thrombosis clopidogrel or for continuation of therapy recommended by tiary centre)	ф	√

	Ticagrelor (Brilique®)	+	✓	
Comment: Tica	agrelor – 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 positive	e troponins		
Antithrombo	tics - Factor XA inhibitors			
	Apixaban (1st line DOAC for AF)	✓	✓	
	Rivaroxaban (1st line for DVT & PE)	✓	✓	
	Fondaparinux sodium inj. (to be used with guidance)		✓	
Antithrombo	tics - Heparins			
	Enoxaparin	\$	✓	
	Heparin	\$	✓	
Antithrombo	tics - Vitamin K antagonists			
	Warfarin	✓	✓	
	Phenindione		✓	
4. Blood pressure conditions Primary Acute/				
4. Blood pres	ssure conditions			
4. Blood pres		Primary Care	Acute/ Specialist Services	
4.1 Hyperten: Comment: For		Care	Specialist	
4.1 Hyperten: Comment: For http://c	sion Hypertension guidance, please refer to NICE Hypertension Guidance	Care	Specialist	
4.1 Hyperten: Comment: For http://c	r Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Soc	Care	Specialist	
4.1 Hyperten: Comment: For http://c	sion Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers	Care ciety.	Specialist Services	
4.1 Hyperten: Comment: For http://c	Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only)	Care ciety.	Specialist Services	
4.1 Hyperten: Comment: For http://g Alpha-adrence Centrally act	Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs	Care ciety.	Specialist Services	
4.1 Hyperten: Comment: For http://g Alpha-adrence Centrally act	r Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa	Care ciety.	Specialist Services	
4.1 Hyperten: Comment: For http://g Alpha-adrence Centrally act	r Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa eta-adrenoceptor blockers	Care ciety. ◆	Specialist Services	
4.1 Hyperten: Comment: For http://c Alpha-adrence Centrally action Alpha- and b	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa teta-adrenoceptor blockers Carvedilol	Care ciety.	Specialist Services	
4.1 Hypertens Comment: For http://c Alpha-adrence Centrally act Alpha- and b	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa teta-adrenoceptor blockers Carvedilol Labetalol	Care ciety.	Specialist Services	
4.1 Hypertender Comment: For http://c Alpha-adrender Centrally action Alpha- and b Beta-adrender	Hypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa eta-adrenoceptor blockers Carvedilol Labetalol ceptor blocker non-selective	Care ciety.	Specialist Services ✓	
4.1 Hypertender Comment: For http://c Alpha-adrender Centrally action Alpha- and b Beta-adrender	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa teta-adrenoceptor blockers Carvedilol Labetalol ceptor blocker non-selective Propranolol	Care ciety.	Specialist Services ✓	
4.1 Hypertender Comment: For http://c Alpha-adrender Centrally action Alpha- and b Beta-adrender	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa eta-adrenoceptor blockers Carvedilol Labetalol ceptor blocker non-selective Propranolol ceptor blockers - selective	Care ciety.	Specialist Services	
4.1 Hypertender Comment: For http://c Alpha-adrender Centrally action Alpha- and b Beta-adrender	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa eta-adrenoceptor blockers Carvedilol Labetalol ceptor blocker non-selective Propranolol ceptor blockers - selective Bisoprolol (1st line)	Care Ciety.	Specialist Services	
4.1 Hyperten: Comment: For http://g Alpha-adrend Centrally acti Alpha- and b Beta-adrendo	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa teta-adrenoceptor blockers Carvedilol Labetalol ceptor blocker non-selective Propranolol ceptor blockers - selective Bisoprolol (1st line) Atenolol	Care Ciety.	Specialist Services	
4.1 Hyperten: Comment: For http://g Alpha-adrend Centrally acti Alpha- and b Beta-adrendo	Thypertension guidance, please refer to NICE Hypertension Guidance guidance.nice.org.uk/CG127 and the British and Irish Hypertension Sococeptor blockers Doxazosin (standard release tablets only) ing antihypertensive drugs Methyldopa teta-adrenoceptor blockers Carvedilol Labetalol ceptor blocker non-selective Propranolol ceptor blockers - selective Bisoprolol (1st line) Atenolol	Care Ciety.	Specialist Services	

Key ✓ Initiate and continue +Continue where appropriate.

Calcium-channel blockers			
Amlodipine	✓	✓	
Felodipine	✓	✓	
Rate-limiting calcium – channel blockers			
Diltiazem (Tildiem® LA, Tildiem Retard®)	✓	✓	
Comment: Available as both standard release and sustained release preparations. S may be produced by many different manufacturers and may not have the same bioavaproducts should be prescribed by brand name (the locally recommended brands are spreparations may be prescribed generically.	ailabilities, there	fore, these	
Verapamil	✓	✓	
Thiazides and related diuretics			
Indapamide (1st line)	✓	✓	
Bendroflumethiazide	✓	✓	
Angiotensin-converting enzyme inhibitors			
Lisinopril	✓	✓	
Perindopril erbumine	✓	✓	
Ramipril	✓	✓	
Angiotensin-II receptor antagonists			
Candesartan (1st line)	✓	✓	
Valsartan (2 nd line)	✓	✓	
Irbesartan	✓	✓	
Losartan	✓	✓	
Vasodilator antihypertensive			
Hydralazine	 	✓	
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 Speciali

		Services
Macitentan (Opsumit®)	φ	•
Riociguat film coated tablets (Adempas®)	+	+
Sildenafil (Revatio®)	+	•
4.2 Hypotension and shock	Primary Care	Acute/ Specialist Services
Inotropic sympathomimetics		
Dopamine		✓
Vasoconstrictor sympathomimetics		
Midodrine	+	✓
Noradrenaline (norepinephrine)		✓
5. Cardiovascular risk assessment and prevention	Primary Care	Acute/ Specialist Services
No formulary choices		
6. Heart failure	Primary Care	Acute/ Specialist Services
Potassium-sparing diuretics		
Spironolactone (1st line)	✓	✓
Eplerenone (2 nd line)	✓	✓
Angiotensin II receptor antagonists		
Sacubitril/valsartan (Entresto®) -as per local guidance	•	✓
Sodium glucose co-transporter 2 inhibitors		
Dapagliflozin (Forxiga®)	+	✓
Empagliflozin (Jardiance®)	+	✓

Comment: Dapagliflozin and empagliflozin are approved as an add-on for the treatment of symptomatic chronic heart failure with reduced ejection fracture in patients who are on optimised therapy but remain symptomatic. To be prescribed in Primary Care on the recommendation of a heart failure specialist.

7. Hyperlipidaemia		Primary Care	Acute/ Specialist Services
Lipid modif	ying drugs		
Bile acid se	questrants		
	Colestyramine	+	✓
Cholestero	absorption inhibitors		
	Ezetimibe	✓	✓
Fibrates			
	Fenofibrate (1st line)	 	✓
	Bezafibrate (2 nd line)	\$	✓
Statins			
	Atorvastatin (1st line)	✓	✓
Comment: C	hewable atorvastatin tablets not to be prescribed		
	Simvastatin (2 nd line)	✓	✓
	Pravastatin	✓	✓
	Rosuvastatin	✓	✓
Others			
	Evolocumab (Repatha®) (1st line PCSK9-inhibitor)	\$	✓
	Alirocumab (Praluent®) (2 nd line PCSK9-inhibitor)	\$	✓
	Bempedoic acid (Nilemdo®)	\$	✓
	Inclisiran (Leqvio®)		✓

Comment: Bempedoic acid is approved for use in combination with ezetimibe in patients who are:

- statin intolerant or for whom a statin is contra-indicated and
- where ezetimibe alone does not appropriately control LDL-C and
- where proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitors are not appropriate.

Requires recommendation 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. **Not for prescribing in Primary Care**. 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. Myocardial ischaemia		Primary Care	Acute/ Specialist Services	
Glycoprotein IIB/IIIA inhibitors				
	Tirofiban		✓	

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

8.1 Acute Coronary Syndromes			Acute/ Specialist Services	
Antithromb	otics - antiplatelet drugs			
	Prasugrel (Efient®) – (for clopidogrel intolerance, stent, thrombosis on clopidogrel or for continuation of therapy recommended by tertiary centre)	\$	✓	
	Ticagrelor (Brilique®)	\$	✓	
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 positive troponins				
Fibrinolytic	drugs			
	Tenecteplase (acute ischaemic stroke (1st line) & for ST elevation M.I.)		√	
	Alteplase (ischaemic stroke (2 nd line) & for life threatening P.E)		✓	
Nitrates				
	Glyceryl trinitrate	✓	✓	
Comment: P	atches not recommended due to tolerance problems			
	Isosorbide mononitrate	✓	✓	
Inotropic sy	mpathomimetics			
	Dobutamine		✓	
8.1a Cardiac arrest		Primary Care	Acute/ Specialist Services	
Sympathom	imetics vasoconstrictor			
	Adrenaline (epinephrine)		✓	
Allergic em	ergencies			
Adrenaline (epinephrine)			
	Epipen® Auto-injector	✓	✓	
	Jext® Auto-injector	✓	✓	
	Adrenaline (epinephrine)		✓	
Comment: A	drenaline auto-injectors should be prescribed by brand name due to diffe	erences in admi	nistration	
	Key ✓ Initiate and continue & Continue where appro			

Key ✓ **Initiate and continue �Continue where appropriate.**

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 (1st line)	✓	✓	
Bumetanide (2 nd line)	✓	✓	
Co-amilofruse	✓	✓	
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®)	\$	✓	
Comment: Xaqua 5mg tablets are licensed and should be prescribed in all new patier and can be halved. The bioavailability between Xaqua and other unlicensed formulations.			
10. Vascular disease	Primary Care	Acute/ Specialist Services	
Peripheral vasodilators			
Naftidrofuryl	✓	✓	
10.1 Vein malformations	Primary Care	Acute/ Specialist Services	
No formulary choices			

2 Cardiovascular System		