

## **Medicines Formulary**

Please note some of the information may be located in the South West London (SWL) netformulary, accessible via:

South West London Formulary (swljointmedicinesformulary.nhs.uk).

Please ensure that both resources (SGUH formulary and SWL netformulary) are checked.

Date Updated: August 2022 Drug & Therapeutics Committee St George's University Hospitals NHS Foundation Trust

When downloading the St George's University Hospitals NHS FoundationTrust (SGUH) formulary, please ensure that you click on the cloud for the document to open.



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Accessible via: <u>South West London Formulary</u> (swljointmedicinesformulary.nhs.uk).

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#### What is a Medicines formulary?

A Medicines formulary is a continually updated list of medications and related information, representing the clinical judgement of physicians and pharmacists and other health care professionals, used in the treatment and/or diagnosis of disease and promotion of health. It should be evidence based, reflecting local and national guidelines, and cost effective to serve the health interests of the local population.

The aim of developing a formulary for St Georges Healthcare NHS Trust is to inform the hospital prescribers of the medicines available in the hospital and, wherever available, guidance on how these medicines should be prescribed.

Whilst some medicines are for use in hospital, a close liaison between the Drugs and Therapeutics Committee (DTC) and Primary Care ensures that the patient receives a seamless delivery of medicines on leaving the hospital.

#### Names of medicines

Medicines are listed by their generic names arranged according to British National Formulary (BNF) sections. However, brand names are used when prescribing by brand name is desirable e.g. for modified-release preparations and combination medicines.

#### Adherence to the medicines formulary

Medicines listed in the formulary have been selected following comprehensive research and discussion. Adherence to the formulary, for both inpatients and outpatients, is essential in the best interest of the patients and will ensure consistency of prescribing in hospital and in the community.

Directorates will be informed of their prescribing patterns.

#### Non-formulary medicines

Prescribing of non-formulary drugs leads to delays in treatment. These drugs will only be supplied where a case is established for exception in discussion with approval from the relevant Senior Pharmacy Manager and submission of a Non-Formulary Form.

#### **Unlicensed medicines**

Medicines without a UK product license are not listed in the BNF and therefore not automatically included in this formulary unless discussed specifically by the DTC. These medicines may be requested by a Consultant by completing an Unlicensed Unlicensed Medicines Patient Specific Approval Form to confirm that he/she takes the responsibility for prescribing such a medicine.

#### Application to include medicines on the formulary

Requests to include medicines on to the Formulary will be considered by the DTC. Requests by the prescribers (Medical & Non-medical) should be made by completing the DTC Application Form or the DTC NICE Consortia Approved Drugs Application Form. Dates for submission and meeting dates can be found on the relevant forms on the DTC Committee section on the Pharmacy Intranet Page.

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#### **NICE Technology Appraisals**

Drugs subject to a NICE Technology Appraisal (TA) require an application to the DTC committee in order to agree a local prescribing protocol for that drug. Please use the NICE TA Application Form which can be found on the DTC Committee section on the Pharmacy Intranet Page.

While the local prescribing protocol is being agreed medicines subject to a NICE TA will be made available for prescribing, however, they will require approval by a Senior Pharmacy Manager prior to supply using a Non-Formulary form.

#### Feedback

Please direct all feedback to <u>formulary@stgeorges.nhs.uk</u>

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#### **Chapter 1: Gastro-intestinal Disease**

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Chapter 2: Cardiovascular System			
2.1 Positive In	otropic Drugs		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
2.1.1 Cardiac gly	cosides		
Digoxin	62.5microgram, 125microgram & 250 microgram tablets; 50microgram per ml elixir; 500microgram in 2ml injection		Suitable for initiation and continuation by primary care
Digoxin immune fab (Digifab <sup>®</sup> )	40mg vial	For the treatment of digoxin toxicity for use according to the SmPC, the National Poisons Information Service and the Toxbase <sup>®</sup> Database	Hospital only
2.1.2 Phosphodiesterase inhibitors			
Milrinone	10mg in 10ml injection		Hospital only

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2.2 Diuretics			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
	nd related diuretic	S	
Bendroflumethiazide	2.5mg & 5mg tablets		Suitable for initiation and continuation by primary care
Indapamide	2.5mg tablet	For the treatment of hypertension according to NICE guidelines.	Suitable for initiation and continuation by primary care
Metolazone	5mg tablet	Unlicensed Medicine	Suitable for initiation and continuation by primary care
2.2.2 Loop diuret	ics		
Bumetanide	1mg & 5mg tablets; 1mg in 5ml liquid (Burinex <sup>®</sup> sugar- free); 2mg in 4ml injection		Suitable for initiation and continuation by primary care
Furosemide	20mg, 40mg & 500mg tablets; 40mg in 5ml liquid (Rosemont sugar- free); 20mg in 2ml injection; 50mg in 50ml injection; 250mg in 5ml injection		Suitable for initiation and continuation by primary care
2.2.3 Potassium-	sparing diuretics a	and aldosterone a	ntagonists
Amiloride	5mg tablet		Suitable for initiation and continuation by primary care
Eplerenone	25mg tablet	Restricted use: To be initiated by cardiology only	Suitable for continuation by primary care
Spironolactone	25mg & 100mg tablets; 50mg in 5ml suspension (Rosemont sugar- free)		Suitable for initiation and continuation by primary care
2.2.4 Potassium-	sparing diuretics v	with other diuretic	S
Co-amilofruse	2.5/20mg tablet; 5/40mg tablet	Contains amiloride & furosemide	Suitable for initiation and continuation by primary care
Co-amilozide	5/50mg tablet	Contains amiloride & hydrochlorothiazide	Suitable for initiation and continuation by primary care
2.2.5 Osmotic diu	uretics		
Mannitol	10% injection; 20% injection		Hospital only
		1	

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2.2.7 Carbonic	2.2.7 Carbonic anhydrase inhibitors			
Acetazolamide	250mg tablet;	Suitable for initiation and continuation by		
	250mg SR tablet;	primary care		
	500mg injection			

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2.3 Anti-arrhyt	hmic Drugs		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
2.3.2 Drugs for a	rrhythmias		
of the arrhythmia is kr helpful diagnostically	nown. The use of the inc	correct drug in these cir ts shorter action makes	seek expert advice unless the precise nature cumstances is dangerous. Adenosine can be s it relatively safe. Failure of the tachycardia
Supraventricular	arrhythmias		
Adenosine	6mg in 2ml injection; 130mg in 130ml infusion		Hospital only
	and ventricular ar	rhythmias	
Amiodarone	100mg & 200mg tablets; 150mg in 3ml injection; 300mg in 10ml pre-filled syringe		Suitable for initiation and continuation by primary care
Disopyramide	100mg capsule		Suitable for initiation and continuation by primary care
Flecainide	50mg & 100mg tablet		Suitable for initiation and continuation by primary care
Mexiletine	50mg and 200mg capsules [unlicensed]; 250mg in 10mg injection [unlicensed]		Suitable for continuation by primary care
Procainamide	250mg tablet; 1000mg in 10ml injection		Suitable for initiation and continuation by primary care
Propafenone	150mg tablet		Suitable for initiation and continuation by primary care
Hydroquinidine (Unlicensed)	250mg & 300mg modified release capsule	Restricted to Cardiology consultants only	Suitable for continuation by primary care
Ventricular arrhy	thmias		
Lidocaine	1% 5ml injection ; 1% 10ml minijet 2% 5ml injection; 2% 20ml injection; 2% 5ml minijet; 0.2% in glucose 5% bags		Hospital only

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2.4 Beta Adrenoreceptor Blocking Drugs				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
	eptor blocking drug	js		
Atenolol	25mg, 50mg & 100mg tablets; 25mg in 5ml syrup (Tenormin <sup>®</sup> = sugar- free); 5mg in 10ml injection		Suitable for initiation and continuation by primary care	
Bisoprolol	1.25mg, 2.5mg & 5mg tablets		Suitable for initiation and continuation by primary care	
Carvedilol	3.125mg & 12.5mg tablets	Restricted to cardiology only For the treatment of NYHA Class IV congestive cardiac failure resistant to other treatments	Suitable for initiation continuation by primary care	
Esmolol	2.5g in 10ml injection	Restricted to Intensivists and cardiac services only	Hospital only	
Labetalol	100mg & 200mg tablets; 100mg in 20ml injection		Suitable for initiation and continuation by primary care	
Metoprolol	50mg & 100mg tablets; 5mg in 5ml injection		Suitable for initiation and continuation by primary care	
Propranolol	10mg & 40mg tablets; 80mg SR capsule; 160mg SR capsule; 5mg in 5ml and 50mg in 5ml suspension; 1mg in 1ml injection	5mg in 5ml suspension for use in Paediatrics for treatment of infantile hemangioimas	Suitable for initiation and continuation by primary care Treatment of infantile hemangioimas – Hospital only	
Sotalol	40mg & 80mg tablets; 40mg in 4ml injection		Suitable for initiation and continuation by primary care	
Beta-adrenorec	eptor blocking drug	s + Diuretic		
Co-tenidone	Atenolol / chlorthalidone 50/12.5mg tablet; 100/25mg tablet;		Suitable for initiation and continuation by primary care	

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2.5 Hypertension and Heart Failure			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
2.5.1 Vasodilator	antihypertensive	drugs	
Bosentan [NON FORMULARY]	62.5mg & 125mg tablets	Must only be initiated by GOSH	Suitable for continuation by primary care
Hydralazine	25mg tablet; 20mg in 1 ml injection		Tablet suitable for initiation and continuation by primary care
lloprost	50microgram in 0.5ml injection [unlicensed]	Restricted to critical limb or digital ischaemia. Restricted for use by consultant vascular surgeons.	Hospital only
Nitric Oxide	Inhaled	For rescue / bridging therapy in patients with: a) Acute refractory hypoxaemic respiratory failure secondary to a potentially reversible cause AND / OR b) Acute refractory RIGHT heart failure secondary to a potentially reversible cause in order selectively to decrease pulmonary arterial pressure and improve right ventricular function and oxygenation	Hospital Only

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Sildenafil	50mg & 100mg tablets 10mg/ml liquid	Restricted use: Women's and Children-neonatal and paediatric use only	Hospital only
		Restricted use: For treatment of acute secondary pulmonary hypertension, peri- mitral valve surgery, and in acute lung injury in critical care. For short term use.	
		<ul> <li>Note: SGH is not a designated treatment centre for pulmonary hypertension, thus must not initiate patients on sildenafil.</li> <li>Exceptions are: <ol> <li>patients already on the exclusion list</li> <li>short-term treatment of acute pulmonary hypertension secondary to peri-mitral valve surgery, and in acute lung injury in critical care.</li> </ol> </li> </ul>	

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Sodium Nitroprusside	50mg in 2ml injection [unlicensed]	Use on specialist advice	Hospital only
252 Centrally ac	ting antihypertens	sive drugs	
Clonidine	100 microgram tablet 25 microgram tablet;	100 microgram tablet – Paediatrics Only – Sedation and management of withdrawal symptoms in paediatric patients	Hospital Only
Methyldopa	150 microgram in 1ml injection 125mg, 250mg &	<b>Unlicensed use</b> of injection for delirium is restricted to Critical Care only Drug of choice in	Suitable for continuation by primary care
	500mg tablets	pregnancy	
2.5.4 Alpha-adrei	noceptor blocking	drugs	
Doxazosin Prazosin	1mg, 2mg & 4mg tablets 500microgram, 1mg		Suitable for initiation and continuation by primary care Suitable for initiation and continuation by
Dhaaakramaa	& 2mg tablets		primary care
Phaeochromocy Phenoxybenzamine	t <b>oma</b> 10mg capsule		Suitable for initiation and continuation by primary care

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Phentolamine	10mg in 1ml injection	Digital ischaemia related to injection of epinephrine Resistant hypertension related by sympathomimetic drugs of abuse, MAOIs, clonidine <i>Unlicensed</i> preparation to be used during period of shortage.	Hospital only
2.5.5 Drugs affe	ecting the renin-ang	iotensin system	
2.5.5.1 Angioter	nsin-converting enz	yme inhibitors	
Captopril	12.5mg, 25mg & 50mg tablets	Not for initiation in new patients.	Suitable for initiation and continuation by primary care
		prescribing. Only use for re- supply to patients admitted on therapy, or test dosing in patients new the ACE inhibitors.	
Enalapril	2.5mg, 5mg, 10mg & 20mg tablets		Suitable for initiation and continuation by primary care
Lisinopril	2.5mg, 5mg, 10mg & 20mg tablets		Suitable for initiation and continuation by primary care
Ramipril	1.25mg, 2.5mg, 5mg & 10mg capsules		Suitable for initiation and continuation by primary care
2.5.5.2 Angioter	nsin-II receptor anta	gonists	
Candesartan	2mg, 4mg, 8mg & 16mg tablets		Suitable for initiation and continuation by primary care
Irbesartan	75mg, 150mg & 300mg tablets		Suitable for initiation and continuation by primary care

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Losartan	50mg tablet		Suitable for initiation and continuation by primary care
Valsartan	40mg capsule	For treatment of left ventricular failure post MI. To be initiated by Cardiology only	Suitable for initiation and continuation by primary care
Valsartan with Sacubitril	24/26mg; 49/51mg; and 97/103mg tablets	To be introduced and uptitrated under the care of the Heart failure team	Suitable for continuation by primary care
2.5.6 Other			·
Levosimendan	12.5mg/5ml injection	Restricted: Cardiac theatres/ Critical care	Hospital Only

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2.6 Nitrates, Ca	2.6 Nitrates, Calcium Channel Blockers and Related Drugs				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
2.6.1 Nitrates					
Glyceryl Trinitrate (GTN)	500 microgram tablet; 5mg & 10mg patches; 2% ointment; 400 micrograms per dose SL spray; 5mg in 5ml injection; 50mg in 50ml injection		Suitable for initiation and continuation by primary care		
	200 micrograms by intra-arterial bolus injection	<b>Restricted:</b> Diagnostic and Interventional Neuroradiologists	Hospital Only		
Isosorbide	10mg & 20mg	60mg MR tablets	Suitable for initiation and continuation by		
Mononitrate	tablets; 60mg MR tablet	may be halved, but must not be crushed.	primary care		
2.6.2 Calcium-ch	annel blockers				
Amlodipine	5mg & 10mg tablets		Suitable for initiation and continuation by primary care		
Diltiazem	Standard formulation: 60mg tablet		Suitable for initiation and continuation by primary care		
	Long-acting formulations: 60mg MR tablet; 90mg and 120mg MR tablets (Tildiem Retard <sup>®</sup> ); 200mg & 300mg MR capsules (Tildiem LA <sup>®</sup> )				

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Nicardipine	5 mg/ml injection	For intra-arterial nicardipine to be added to the formulary as a desirable clinical advance for the treatment of cerebral vasospasm after subarachnoid haemorrhage restricted to consultant neuro- radiologists.	Hospital only
Nifedipine	10mg capsule; 10mg & 20mg MR tablets 30mg & 60mg XL tablets 20mg in 1ml oral drops [unlicensed]	Oral drops restricted to paediatrics on a single named patient basis only. Subject to completion of an unlicensed form.	Suitable for initiation and continuation by primary care
Nimodipine	30mg tablet; 10mg in 50ml injection	Restricted to Critical Care and Neurosciences only	Suitable for initiation and continuation by primary care

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Verapamil	40mg, 80mg & 120mg tablets; 120mg & 240mg MR capsules; 5mg in 5ml injection		Suitable for initiation and continuation by primary care
	5mg in 2ml injection	<b>Restricted:</b> Diagnostic and Interventional Neuroradiologists	Hospital Only

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2.6.3 Other Antianginal Drugs			
Ivabradine	5mg & 7.5mg tablets	For use by the heart failure team for patients with chronic heart failure on maximal standard heart failure medication with resting heart rate ≥70 beats per minute according to the South London Cardiac and Stroke Network protocol. It is not approved generally for use in cardiology. For chronic stable angina for patients contraindicated or unable to tolerate beta-blockers or in combination with beta-blockers for patients inadequately controlled by the maximum tolerated dose of beta- blocker, with a resting HR > 60 BPM and in sinus shythm (as per ESC guidelines). For use in cardiology and elderly medicine as per local protocol	Initiation and dose titration under hospital supervision. Then continuation by primary care as per SLCSN protocol
Nicorandil	10mg & 20mg tablets		Suitable for initiation and continuation by primary care

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Ranolazine	375mg, 500mg & 750mg M/R tablets	Add-on therapy for the symptomatic treatment of patients with stable angina pectoris who are inadequately controlled or intolerant to first-line antianginal therapies (such as beta-blockers and/or calcium antagonists).	Suitable for initiation and continuation by primary care
2.6.4 Peripheral v	vasodilators		
Cilostazol	100mg tablet	Restricted to patients with peripheral arterial disease with moderate to severe symptoms of intermittent claudication, and unable to undertake an exercise programme. Prescribing restricted to vascular consultants and specialist registrars.	Suitable for continuation by primary care
Cinnarizine	15mg tablet		Suitable for initiation and continuation by primary care
Naftidrofuryl	100mg capsule		Suitable for initiation and continuation by primary care
Pentoxifylline	400mg MR tablet		Suitable for initiation and continuation by primary care

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2.7 Sympathomimetics			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
-	sympathomimetics		
Dobutamine	250mg in 20m injection	Critical Care and HDU only (see local protocol)	Hospital only
Dopamine	200mg in 5ml injection	Critical Care and HDU only (see local protocol)	Hospital only
Dopexamine	50mg in 5ml injection	Critical Care only	Hospital only
Isoprenaline	100 micrograms in 1ml injection 1mg in 5ml Injection	Restricted: Critical Care, Cathlab & Coronary Care Units	Hospital only Hospital only
	rictor sympathomir		
Ephedrine	30mg in 1ml injection	Critical Care only	Hospital only
Metaraminol	10mg in 1ml injection	Critical Care and HDU only	Hospital only
Noradrenaline (Norepinephrine)	4mg in 2ml injection; 8mg in 4ml injection; 100mg in 20ml injection	Critical Care and HDU only (see local protocol)	Hospital only
Phenylephrine	10mg in 1ml (10%) injection	Critical Care only	Hospital only
Midodrine	5mg Tablet	Cardiology	Following the initial 3-month period and when the patient is on a stable dose of midodrine, prescribing responsibility may be considered for transfer to the patient's own GP, when the consultant and the GP are in agreement that the patient's condition is stable or predictable. Transfer of prescribing responsibility should be followed and appropriate documents completed and forwarded to the GP to ensure seamless care.
	nonary resuscitatio		
Adrenaline (Epinephrine)	1mg in 10ml (1 in 10,000) injection; 1mg in 10ml (1 in 10,000) pre-filled syringe	Critical Care only – refer to Junior doctor's handbook (paper version available on the Unit)	Hospital only
		Inoconstrictor dose in adults: 0.01 – 1 mcg/kg/min	

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2.8 Anticoagul	2.8 Anticoagulants			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
2.8.1 Parenteral a		1		
Argatroban	100mg/ml injection	Restricted: On advice of Consultant Haematologists Anticoagulation in adult patients with Heparin Induced Thrombocytopenia (HIT)	Hospital only	
Bivalirudin	250mg injection	Anticoagulant in patients undergoing percutaneous coronary intervention (PCI)	Hospital only	
Dalteparin	Ampoule: 10,000 units in 1ml Syringe: 2,500 units in 0.2ml; 5,000 units in 0.2ml; 7,500 units in 0.3ml; 10,000 units in 0.4ml; 12,500 units in 0.5ml, 15,000 units in 0.6ml; 18,000 units in 0.72ml		Hospital only	
Danaparoid	750 units/0.6ml injection	Restricted: On advice of Consultant Haematologists First line option for anticoagulation for pregnant women Heparin Induced Thrombocytopenia (HIT) Second line option for anticoagulation in adult patients with HIT	Hospital only	

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Epoprostenol	500 microgram vial	<b>Restricted:</b> Critical Care Use only	Hospital only
Fondaparinux	<ul><li>2.5mg in 0.5ml for injection pre-filled syringe</li><li>1.5mg in 0.3ml for injection pre-filled syringe</li></ul>	Restricted: 1 <sup>st</sup> line treatment of Acute Coronary Syndromes only Restricted: Treatment of acute symptomatic spontaneous superficial-vein thrombosis (SVT) in adults (without concomitant deep- vein thrombosis) – on Haematology advice only	Hospital only
Heparin	Heparin Mucous: 25,000 units in 5ml injection Heparin Sodium: 1,000 units in 1ml injection; 5,000 units in 1ml injection; 10,000 units in 10ml injection; 20,000 units in 20ml injection; 25,000 units in 1ml injection Heparin Flush: 200 units in 2ml		Hospital only
Tinzaparin	<b>Pre-filled Syringe:</b> 2,500 units in 0.25ml; 3,500 units in 0.35ml; 4,500 units in 0.35ml; 4,500 units in 0.45ml	For anticoagulation during haemodialysis in patients with chronic renal insufficiency	Hospital only
2.8.2 Oral anticoa			Quitable for initiation and continuation by
Acenocoumarol	1mg & 4mg tablets		Suitable for initiation and continuation by primary care
Apixaban	2.5mg, 5mg tablets	Restricted to:OnadviceofConsultantsinCardiology,Strokeand HaematologyFor the second lineprevention of strokeand systemic	For initiation by hospital. First three months to be supplied by hospital then transferred to Primary Care

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		embolism in adult patients with non- valvular atrial fibrillation (NVAF), with one or more risk factors, such as:	
		<ul> <li>prior stroke, systemic embolism, or transient ischaemic attack (TIA)</li> </ul>	
		<ul> <li>age &gt; 75 years</li> <li>Controlled Hypertension (&lt;180/110mmH g)</li> </ul>	
		<ul> <li>diabetes mellitus</li> </ul>	
		<ul> <li>symptomatic heart failure (NYHA Class &gt; II)</li> </ul>	
		For the treatment of deep vein thrombosis (DVT), treatment of pulmonary embolus (PE) and prevention of recurrent DVT and PE in adults – on the advice on haematology only	
Dabigatran Etexilate	110mg, 150mg capsules	Restricted to: On advice of Consultants in Cardiology, Stroke and Haematology	For initiation by hospital. First three months to be supplied by hospital then transferred to Primary Care
		For the second line prevention of stroke and systemic embolism in people with non-valvular atrial fibrillation and one or more of the following risk factors	

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<ul> <li>Previous stroke, transient ischaemic attack or systemic embolism</li> </ul>	
<ul> <li>Left ventricular ejection fraction &lt; 40%</li> </ul>	
<ul> <li>Symptomatic heart failure of NYHA class 2 or above</li> </ul>	
Age 75 years or older	
<ul> <li>Age 65 years or older with one or more of the following: diabetes mellitus, controlled hypertension (&lt;180/110mmH g)</li> </ul>	
Restrictedonhaematologyadvice for:Treatment of deep	
vein thrombosis (DVT) and pulmonary embolism (PE), and prevention of recurrent DVT and	
PE in adults.	

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		-	
Edoxaban	15mg, 30mg and	Restricted: on	Initiation by hospital only.
	60mg tablets	haematology advice	
	3	for:	First three months to be supplied by
		101.	hospital then transferred to Primary Care
		The star and of slaces	nospital then transferred to Filmary Care
		Treatment of deep	
		vein thrombosis	(VTE & NVAF indications only)
		(DVT) and	
		pulmonary	
		embolism (PE), and	
		prevention of	
		recurrent DVT and	
		PE in adults.	
		PE III adults.	
		A	
		As a treatment	
		option for the	
		prevention of stroke	
		and systemic	
		embolism in adult	
		patients with	
		nonvalvular atrial	
		fibrillation (NVAF)	
		with one or more	
		risk factors, such as	
		<ul> <li>congestive heart</li> </ul>	
		failure,	
		• hypertension,	
		• age $\geq$ 75 years,	
		diabetes	
		mellitus,	
		<ul> <li>prior stroke or</li> </ul>	
		transient	
		ischaemic	
		attack (TIA).	
L			

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Idarucizumab	2.5g / 50mL solution for injection	Restricted: For prescription by emergency care and haematology under the advice of haematology. For use as a specific reversal agent in adult patients treated with dabigatran etexilate when rapid reversal of its anticoagulant effects is required: • For emergency surgery/urgent procedures • In life- threatening or uncontrolled bleeding	Hospital only
Phenindione	10mg, 25mg & 50mg tablets	bleeding	Suitable for initiation and continuation by primary care
Rivaroxaban	2.5mg, 10mg, 15mg, 20mg tablet	VTE Prescribing No restrictions Secondary VTE Prevention Prescribing On advice of Haematology SPAF Prescribing Restricted to: On advice of Consultants in Cardiology, Stroke and Haematology T&O Prescribing Restricted to: On advice of Consultants in Trauma and Orthopaedics First line therapy for prophylaxis of venous thromboembolism	For initiation by hospital. First three months to be supplied by hospital then transferred to Primary Care (VTE & SPAF indications only)

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following elective knee and hip replacement surgery.         First line treatment and secondary prevention of deep vein thrombosis (DVT) and pulmonary embolus (PE)         For the second line prevention of stroke and systemic embolism in adult patients with non- valvular atrial fibriliation (NVAF), with one or more risk factors, such as:         • prior stroke, systolic embolism or transient ischaemic attack (TIA)         • age > 75 years         • diabetes mellitus         • symptomatic heart failure (NYHA Class > II)         • LVEF <35%         • Controlled Hypertension (<180/110mmH g)         Prevention of Atherothrombotic Events in Adult		NHS Foundation Trust
and secondary prevention of deep vein thrombosis (DVT) and pulmonary embolus (PE) For the second line prevention of stroke and systemic embolism in adult patients with non- valvular atrial fibrillation (NVAF), with one or more risk factors, such as: • prior stroke, systolic embolism or transient ischaemic attack (TIA) • age > 75 years • diabetes mellitus • symptomatic heart failure (NYTA Class > II) • LVEF <35% • Controlled Hypertension (<180/110mmH g) Prevention of Atherothrombotic Events in Adult	knee and hip replacement	
prevention of stroke and systemic embolism in adult patients with non- valvular atrial fibrillation (NVAF), with one or more risk factors, such as: • prior stroke, systolic embolism or transient ischaemic attack (TIA) • age > 75 years • diabetes mellitus • symptomatic heart failure (NYHA Class > II) • LVEF <35% • Controlled Hypertension (<180/110mmH g) Prevention of Atherothrombotic	and secondary prevention of deep vein thrombosis (DVT) and pulmonary embolus	
systolic embolism or transient ischaemic attack (TIA) • age > 75 years • diabetes mellitus • symptomatic heart failure (NYHA Class > II) • LVEF <35% • Controlled Hypertension (<180/110mmH g) Prevention of Atherothrombotic Events in Adult	prevention of stroke and systemic embolism in adult patients with non- valvular atrial fibrillation (NVAF), with one or more	
<ul> <li>diabetes mellitus</li> <li>symptomatic heart failure (NYHA Class &gt; II)</li> <li>LVEF &lt;35%</li> <li>Controlled Hypertension (&lt;180/110mmH g)</li> <li>Prevention of Atherothrombotic Events in Adult</li> </ul>	systolic embolism or transient ischaemic	
heart failure (NYHA Class > II) • LVEF <35% • Controlled Hypertension (<180/110mmH g) Prevention of Atherothrombotic Events in Adult	<ul> <li>diabetes</li> </ul>	
Controlled Hypertension (<180/110mmH g)     Prevention of Atherothrombotic Events in Adult	heart failure (NYHA Class >	
Hypertension (<180/110mmH g) Prevention of Atherothrombotic Events in Adult	• LVEF <35%	
Atherothrombotic Events in Adult	Hypertension (<180/110mmH	
Patients with Peripheral Artery Disease	Atherothrombotic Events in Adult Patients with Peripheral Artery	

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			NH5 Foundation Hast
		<b>Restricted to:</b> Consultant Vascular Surgeon or Endocrinologist Only	
Warfarin	500 microgram, 1mg, 3mg & 5mg tablets	Warning: risk of confusion in identifying between 500microgram and 5mg tablets. Must be prescribed using an inpatient warfarin chart. Appropriate counselling (with yellow book) and arrangements for INR monitoring must be in place before supplying warfarin to outpatients or on a TTA	Suitable for initiation and continuation by primary care
2.8.3 Protamine			
Protamine	50mg in 5ml injection		Hospital only

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2.9 Antiplatel	et Drugs		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Abciximab	10mg in 5ml injection	For high risk patients undergoing angioplasty/stent procedures according to local protocol and NICE guidance for glycoprotein IIb/IIIa inhibitors in ACS (NICE technology appraisal 47)	Hospital only
Aspirin	75mg & 300mg dispersible tablet; 75mg EC tablet; 150mg & 300mg suppository		Suitable for initiation and continuation by primary care
	1000mg injection [unlicenced preparation]	Injection Restricted: Interventional Neuroradiography team For patients under GA to prevent thrombus formation when a stent is inserted acutely during thrombectomy or aneurysm coiling, or when coil prolapse	Hospital Only
Cangrelor	50mg/10ml vial	during coiling. <b>Restricted:</b> Interventional Cardiologists	Hospital only
Clopidogrel	75mg tablet	Use in accordance with NICE guidance for unstable angina and NSTEMI (NICE clinical guideline 94) and vascular disease (NICE technology appraisal 90)	Suitable for initiation and continuation by primary care

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Dipyridamole	100mg tablet; 200mg MR capsule	Use in accordance with NICE guidance for vascular disease (NICE technology appraisal 90)	Suitable for initiation and continuation by primary care
Eptifibatide	20mg in 10mL injection & 75mg in 100mL injection	Restricted for use under specialist supervision only Use in accordance with NICE guidance for glycoprotein IIb/IIIa inhibitors in ACS (NICE TA47) Off-label indication – Neuroradiology team Only: Rescue treatment of thromboembolic complications during endovascular	Hospital only
		treatment for cerebral aneurysm	
Prasugrel	10mg tablets	<b>2<sup>nd</sup> line</b> to clopidogrel for patients who have reinfarction or stent thrombosis while taking aspirin and clopidogrel, OR who have significant allergic reaction to clopidogrel requiring premature cessation of clopidogrel therapy	Suitable for continuation by primary care

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Ticagreior       90mg tablets       Restricted to: Initiation by SpR or Consultant in Cardiology       Suitable for continuation by primary care initiation by SpR or Consultant in Cardiology         For use in combination with low-dose aspin for up to 12 months for treatment in adults with acute coronary syndromes (ACS);       ST-segment- elevation myocardial infarction (STEM) - defined as ST elevation or new left bundle branch block on electrocardiogra m - that cardiologists intend to treat with primary percutaneous coronary intervention (PCI)         >       High risk Non- ST-segment- elevation acute coronary intervention (PCI)         >       High risk Non- ST-segment- elevation acute coronary intervention (PCI)         >       High risk Non- ST-segment- elevation acute coronary intervention (VA) and non ST-segment elevation myocardial infarction (NSTEM) complaining of rapidly worsening, or on- going a trest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on next page				NHS Foundation Trust
For use in combination with low-dose asplin for up to 12 months for treatment in adults with acute coronary syndromes (ACS):         > ST-segment- elevation myocardial infraction (STEM) - defined as ST elevation or new left bundle branch block on electrocardiogra m - that cardiologists intend to treat with primary percutaneous coronary intervention (PCI)         > High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention (UA) and non ST-segment elevation myocardial infraction (INSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain of recent onset occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on	Ticagrelor	90mg tablets	Initiation by SpR or Consultant in	Suitable for continuation by primary care
combination with         low-dose asplin for         up to 12 months for         treatment in adults         with acute coronary         syndromes (ACS):         > ST-segment-         elevation         myocardial         infarction         (STEM) -         defined as ST         elevation or new         left bundle         branch block on         elevation or new         intervention         (CPCI)         >         High risk Non-         ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         anglography or         percutaneous         coronary         intervention         (UA) and non         ST-segment         elevation         myocardial			Cardiology	
Iow-dose asplin for         up to 12 months for         treatment in adults         with acute coronary         syndromes (ACS):         > ST-segment-         elevation         myccardial         infarction         (STEM) -         defined as ST         elevation or new         left bundle         branch block on         elevation or new         left bundle         vanth for treat         with primary         percutaneous         coronary         syndrome-         Patients         requining         anglography or         percutaneous         coronary         interction				
up to 12 months for         treatment in adults         with acute coronary         syndromes (ACS):         > ST-segment-         elevation         mryocardial         infarction         (STEM) -         defined as ST         elevation or new         left bundle         branch block on         electropardiogra         m - that         cardiologists         intend to treat         with primary         percutaneous         coronary         intervention         (PCI)         > High risk Non-         ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         anglography or         percutaneous         coronary         intervention         within 24 hours:         > Unstable angina         (UA) and non         ST-segment-         elevation         myocardial         infarction         (NSTEM)         complaining of         rapidly				
Image: set of the set o				
syndromes (ACS): > ST-segment- elevation myocardial infarction (STEMI) – defined as ST elevation or new left bundle branch block on electrocardiogra m – that cardiologists intend to treat with primary percutaneous coronary intervention (PCI) > High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidy worsening, or on-going at rest, or of pain of recent or pain of recent with rivial with trivial with trivial provocation with at least one of the following: Continued on				
<ul> <li>▷ ST-segment- elevation myocardial infarction</li> <li>(STEM) - defined as ST elevation or new left bundle</li> <li>branch block on electrocardiogra m - that cardiologists intend to treat with primary percutaneous coronary intervention</li> <li>(PCI)</li> <li>≻ High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring anglography or percutaneous coronary intervention</li> <li>Wutsable angina (UA) and non ST-segment elevation myocardial infarction</li> <li>(NSTEMI) complaining of rapidly worsening, or on-going art rest, or of pain of recent onset occurring with frivial provocation with at least one of the following: Continued on</li> </ul>				
elevation myocardial infarction (STEMI) – defined as ST elevation or new left bundle branch block on electrocardiogra m – that cardiologists intend to treat with primary percutaneous coronary intervention (PCI) > High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention (UA) and non ST-segment elevation (UA) and non ST-segment elevation (UA) and non ST-segment elevation (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain of recent pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
myocardial         infarction         (STEMI) -         defined as ST         elevation or new         left bundle         branch block on         elevation or new         left bundle         branch block on         elevation or new         left bundle         branch block on         elevation acute         coronary         percutaneous         coronary         intervention         (PC)         >         High risk Non-         ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         anglography or         percutaneous         coronary         intervention         with 124 hours:         >       Unstable angina         (UA) and non         ST-segment         elevation         elevation         worsening, or         on-going         cardiac chest         pain occurring         worsening, or         on-going         cardi				
infarction (STEM) - defined as ST elevation or new left bundle branch block on electrocardiogra m - that cardiologists intend to treat with primary percutaneous coronary intervention (PCI) ➤ High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring anglography or percutaneous coronary intervention within 24 hours: ➤ Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain of recent pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
defined as ST         elevation or new         left bundle         branch block on         electrocardiogra         m - that         cardiologists         intend to treat         with primary         percutaneous         coronary         intervention         (PCI)         > High risk Non-         ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         anglography or         percutaneous         coronary         syndrome-         Patients         requiring         anglography or         percutaneous         coronary         intervention         within 24 hours:         >       Unstable angina         (UA) and non         ST-segment         elevation         myocardial         infarction         (NSTEMI)         complaining of         rapidly         worsening, or         on-spoing         cardiac chest         pain ofc				
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left bundle         branch block on         electrocardiogra         m - that         cardiologists         intend to treat         with primary         percutaneous         coronary         intervention         (PCI)         > High risk Non-         ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         angiography or         percutaneous         coronary         intervention         within 24 hours:         > Unstable angina         (UA) and non         ST-segment         elevation         myocardial         infarction         (NSTEMI)         complaining of         rapidly         worsening, or         on-going         cardiac chest         pain of recent         onset occurring         with trivial         provocation with         at least one of         the following:         Continued on				
branch block on electrocardiogra m - that cardiologists intend to treat with primary percutaneous coronary intervention (PCI) > High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring anglography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEM) complaining of rapidly worsening, or on-going cardiac chest pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
m - that         cardiologists         intend to treat         with primary         percutaneous         coronary         intervention         (PCI)         >         High risk Non- ST-segment- elevation acute         coronary         syndrome- Patients         requiring         angiography or         percutaneous         coronary         intervention         within 24 hours:         >         UNAble angina         (UA) and non         ST-segment         elevation         myocardial         infarction         (NSTEMI)         complaining of         rapidy         worsening, or         on-going         at rest, or of         pain of recent         onset occurring         with trivial         provocation with         at least one of         the following:         Continued on				
cardiologists         intend to treat         with primary         percutaneous         coronary         intervention         (PCI)         >         High risk Non-         ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         anglography or         percutaneous         coronary         intervention         within 24 hours:         >       Unstable angina         (UA) and non         ST-segment         elevation         myocardial         infarction         (NSTEMI)         complaining of         rapidy         worsening, or         on-going         at rest, or of         pain of recent         onset occurring         with trivial         provocation with         at least one of         the following:         Continued on				
intend to Treat with primary percutaneous coronary intervention (PCI) High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours: Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
with primary percutaneous coronary intervention (PCI)         High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours:         Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
percutaneous         coronary         intervention         (PCI)         High risk Non- ST-segment-         elevation acute         coronary         syndrome-         Patients         requiring         angiography or         percutaneous         coronary         intervention         with 24 hours:         Unstable angina         (UA) and non         ST-segment         elevation         myocardial         infarction         (NSTEMI)         complaining of         rapidly         worsening, or         on-going         cardiac chest         pain of recent         onset occurring         with trivial         provocation with         at least one of         theolowing:         Continued on				
intervention (PCI) High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours: Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
<ul> <li>(PCI)</li> <li>➤ High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours:</li> <li>➤ Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on</li> </ul>				
<ul> <li>High risk Non- ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours:</li> <li>Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain of recent onset occurring with rivial provocation with at least one of the following: Continued on</li> </ul>				
ST-segment- elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
elevation acute coronary syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
syndrome- Patients requiring angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
Patients requiring angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
requiring angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
angiography or percutaneous coronary intervention within 24 hours: > Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain of recent onset occurring with trivial provocation with at least one of the following: Continued on				
coronary         intervention         within 24 hours:         Unstable angina         (UA) and non         ST-segment         elevation         myocardial         infarction         (NSTEMI)         complaining of         rapidly         worsening, or         on-going         cardiac chest         pain of recent         onset occurring         with trivial         provocation with         at least one of         the following:         Continued on			angiography or	
intervention within 24 hours: Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
<pre>within 24 hours: &gt; Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on</pre>				
<ul> <li>Unstable angina (UA) and non ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: Continued on</li> </ul>				
ST-segment elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
elevation myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>			(UA) and non	
myocardial infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
infarction (NSTEMI) complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
complaining of rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
rapidly worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
worsening, or on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
on-going cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
cardiac chest pain occurring at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
at rest, or of pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>			cardiac chest	
pain of recent onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
onset occurring with trivial provocation with at least one of the following: <b>Continued on</b>				
with trivial provocation with at least one of the following: <b>Continued on</b>				
at least one of the following: Continued on			with trivial	
the following: Continued on				
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			next page	



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Ticagrelor (continued)	<ul> <li>persistent ECG changes of ST depression ≥1 mm</li> <li>symmetrical deep T wave inversion ≥2 mm</li> <li>transient STelevation</li> <li>deep T wave inversion V1-V4 / LAD syndrome</li> <li>Haemodynamic (eg: hypotension, pulmonary oedema or heart failure) or electrical instability (sustained ventricular arrhythmias – VT/VF) which are thought to be due to cardiac ischaemia.</li> <li>Before ticagrelor is continued beyond the initial treatment, the diagnosis of unstable angina should first be confirmed, by a Cardiologist (i.e. continuation on discharge dependant on a confirmed diagnosis by a Cardiologist).</li> </ul>

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Tirofiban	12.5mg in 50ml injection	Restricted to use by Cardiology Only. To be used under specialist supervision	Hospital only
		Use in accordance with NICE guidance for glycoprotein IIb/IIIa inhibitors in ACS (NICE technology appraisal 47)	

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2.10 Fibrolytic Drugs			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Alteplase	10mg & 20mg injections; 50mg vial + 50ml WFI injection	Used for the treatment of ischaemic stroke and pulmonary embolism.	Hospital only
		Catheter-Directed Thrombolysis (CDT) via intra-arterial or intravenous route for acute ischaemia of lower extremities or peripheral arterial occlusion.	
		Vascular Surgery	
Streptokinase	1.5 million unit injection	Cardiology Use Only. Used for the treatment of temporary pacing wires and clots around wires.	Hospital only
Tenecteplase	40mg (8,000 unit) injection; 50mg (10,000 unit) injection	Used for patients with MI unable to have PCI in cathlab	Hospital only
Urokinase	10,000 unit injection [unlicensed]	Occluded intravenous catheters and cannulas blocked by fibrin clots Dose: 10 000 units in $2 - 3mL$ of sodium chloride 0.9%, should be retained in the line for $2 - 4hours$ before aspirating	Hospital only

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2.11 Antifibrinolytic Drugs and Haemostatics			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Fibrin sealant ( <b>Evicel</b> ®)	Human clottable protein containing mainly fibrinogen and fibronectin (component 1) plus human thrombin (component 2)	Restricted to Consultant Trauma & Orthopaedic Surgeons or Senior Fellows only for indications listed in local protocol	Hospital only
M-Doc (Seal-On®) Nasal Pugs	Nasal Plug x 2 unit pack	For patients with recurrent epistaxis where local causes have been eliminated	Suitable for initiation and continuation by primary care
Tranexamic Acid	500mg tablet; 50mg in 5ml suspension [extemporaneous – unlicensed special]; 500mg in 5ml injection	When used in Major Trauma, restricted to A&E Consultants & A&E Registars only	Suitable for initiation and continuation by primary care

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2.12 Lipid Regulating Drugs				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
Statins		· ·		
Atorvastatin	10mg tablet		Suitable for initiation and continuation by primary care	
Atorvastatin	20mg tablet		Suitable for initiation and continuation by primary care	
Atorvastatin	40mg tablet		Suitable for initiation and continuation by primary care	
Pravastatin	10mg, 20mg & 40mg tablets		Suitable for initiation and continuation by primary care	
Rosuvastatin	10mg & 20mg tablets	Restricted use: Initiation on the recommendation of a Consultant in the Lipid Clinic only	Suitable for initiation and continuation by primary care	
Simvastatin	10mg, 20mg, & 40mg tablets		Suitable for initiation and continuation by primary care	
Bile acid seque	estrants	· ·		
Colesevelam	625mg tablet	To be initiated by Gastroenterology in patients with a diagnosis of bile acid malabsorption (BAM) and are inintolerant to Colestyramine, or in those patients whom Colestyramine usage has resulted in treatment failure	Suitable for continuation by primary care	
Colestyramine	4g sachet		Suitable for initiation and continuation by primary care	
Ezetimibe	10mg tablet	Use in accordance with NICE guidance for primary hypercholesterolae mia (NICE technology appraisal 132)	Suitable for initiation and continuation by primary care	
		Use in accordance with Bempedoic Acid 180mg Tablet (NICE TA676)	Hospital Only	
Fibrates				
Bezafibrate	200mg tablet, 400mg MR tablet	Refer to MHRA and CHM safety advice	Suitable for initiation and continuation by primary care	

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Fenofibrate	67mg & 200mg capsule, 160mg tablet	Refer to MHRA and CHM safety advice	Suitable for initiation and continuation by primary care
Omega-3 fatty ac	id compounds		
Omega 3 Acid Esters (Omacor®)	1g capsules	Use in accordance with NICE guidance for secondary prevention following an MI (NICE clinical guideline 48) Adjuvant treatment in secondary prevention after myocardial infarction. Adjunctive therapy in the reduction of plasma triglycerides in patients with hypertriglyceri- daemia at risk of ischaemic heart disease or pancreatitis	Suitable for initiation and continuation by primary care

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2.13 Local Scl	2.13 Local Sclerosants				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
Ethanolamine Oleate	5% injection 5ml ampoule		Hospital only		
Phenol in Oil	5% injection 5ml ampoule		Hospital only		
Sodium tetradecyl sulphate	1% injection 2ml ampoule; 3% injection 2ml ampoule		Hospital only		

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2.14 Other	2.14 Other				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
Bretschneiders Histidine-Trytophan- Ketoglutarate (HTK) Cardiolplegia Solution (Custodiol Cardioplegia®) {Unlicensed Product)	Infusion Bag	Restricted Use: Consultant Cardiac Surgeons for myocardial protection during surgery for patients undergoing mitral valve replacement/ repair via thoracotomies.	Hospital Only		
Acetylcholine	20mg injection	Restricted Use: Cardiology consultants (Professor Prasad and Dr Lim only) for the assessment of coronary artery endothelial function testing in patients with chest pain and normal coronary arteries.	Hospital Only		
Alirocumab	75 mg/ml solution for injection 150 mg/ml solution for injection	Treatment of adults with Primary hypercholesterolae mia (heterozygous familial and non- familial) and mixed dyslipidaemia.	Hospital Only		
Bempedoic acid	180mg tablet	Use in accordance with Ezetimibe 10mg Tablet (NICE TA676)	Hospital Only		

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Evolucumab	140 mg solution for	Cardiology - Lipid	Hospital Only
	injection in pre-filled	Specialist only	
	pen		
		Treatment of adults	
	140 mg solution for	with Primary	
	injection in pre-filled	hypercholesterolae	
	syringe	mia (heterozygous	
		familial and non-	
		familial) and mixed	
		dyslipidaemia.	
		Restricted Use:	
		Lipid Specialist	
		Consultant	

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Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

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Chapter 4: Central Nervous System Please note some of the information may be located in the South West London (SWL) netformulary, accessible via: <u>South West</u> <u>London Formulary (swliointmedicinesformulary.nhs.uk)</u>. Please ensure that both resources (SGUH formulary and SWL netformulary) are checked.

4.1 Hypnotics	and Anxiolytics		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
4.1.1 Hypnotics			
Chloral Hydrate mixture, BP	500mg in 5ml oral solution	Initiation by a specialist only	Suitable for continuation by primary care
Chlomethiazole	192mg capsule		Suitable for initiation and continuation by primary care
Melatonin	1mg in 1ml oral solution <b>[unlicensed]</b> ; 2mg <b>(Circadin®)</b> Modified Release Tablet	Unlicensed preparations restricted to: Prescribing by Neurologists for patients with neurodegenerative diseases with clinically diagnosed with REM sleep behavioural disorder (RBD) according to local protocol Circadin® Restricted to: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Temazepam	10mg tablet; 10mg in 5ml elixir		Suitable for initiation and continuation by primary care
Zopiclone	3.75mg & 7.5mg tablet		Suitable for initiation and continuation by primary care
4.1.2 Anxiolytics		1	
Diazepam	2mg, 5mg & 10mg tablets; 2mg in 5ml oral solution; 5mg in 5ml oral solution; 2.5mg, 5mg & 10mg rectal solution; 10mg in 2ml injection; 10mg in 2ml emulsion injection (Diazemuls <sup>®</sup> )	The preferred parenteral formulation is the emulsion (Diazemuls®)	Suitable for initiation and continuation by primary care

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Chlordiazepoxide	5mg & 10mg capsules	1st line for acute alcohol withdrawal	Suitable for initiation and continuation by primary care
Acamprosate	333mg Tablets	Restricted: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Disulfiram	200mg Tablets	Restricted: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Nalmefene	18mg Tablets	Restricted: Continuation by Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	May be initiated by GPs only.
Lorazepam	1mg & 2.5mg tablets; 4mg in 1ml injection		Suitable for initiation and continuation by primary care

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4.2 Drugs used	l in Psychoses a	and Related Dis	orders
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
4.2.1 Antipsycho			
Chlorpromazine	10mg, 25mg 50mg & 100mg tablet, 100mg in 5ml suspension; 25mg in 5ml syrup;		Suitable for continuation by primary care
Flupentixol Dihydrochloride	500micrograms, 1mg & 3mg Tablets	Restricted: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Haloperidol	500 microgram tablet; 1.5mg, 5mg & 10mg tablet; 1mg in 1ml, 2mg in 1ml and 5mg/5ml oral liquid; 5mg in 1ml injection	Intravenous route restricted to critical care areas – cardiac monitoring required	Suitable for continuation by primary care
Levomepromazine	25mg in 1ml injection		Suitable for continuation by primary care
Prochlorperazine	5mg & 25mg tablet; 5mg in 5ml syrup; 5mg suppository; 12.5mg in 1 ml injection		Suitable for continuation by primary care
Sulpiride	200mg & 400mg tablet; 200mg in 5ml oral solution		Suitable for continuation by primary care
Trifluoperazine	1mg & 5mg tablet; 5mg in 5ml syrup		Suitable for continuation by primary care
Zuclopenthixol	10mg & 25mg tablet; 50mg in 1ml injection (acetate); 100mg in 2ml injection (acetate)		Suitable for continuation by primary care
Atypical Antipsyc	chotic Drugs		
Amisulpride	50mg, 200mg & 400mg tablet; 100mg in 1ml oral solution		Suitable for continuation by primary care

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		1	
Aripiprazole	5mg, 10mg & 15mg tablet; 10mg and 15mg dispersible tablet;	Restricted use: Consultants seeing patients in the Tourette Clinic [unlicensed use]	Suitable for continuation by primary care
	1mg in 1ml oral solution;	Initiation restricted to: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
	7.5mg Injection	Injection restricted to Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	

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Clozapine	25mg & 100mg tablet ; 12.5mg, 25mg, 50mg, 100mg & 200mg Orodispersible Tablets	Restricted use: Patient, prescriber and supplying pharmacist must be registered with Patient Monitoring Service. Leukocyte and differential blood counts must be monitored. Clozapine must not be discontinued for more than 48 hours otherwise patient must be re-titrated. SGH to provide emergency supply of clozapine only. When patients are admitted a supply must be obtained through the pharmacy registered with the Patient Monitoring Service. Contact the Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust for further information.	Hospital only

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Olanzapine	2.5mg, 5mg, 7.5mg 10mg		Suitable for continuation by primary care
	15mg & 20mg tablet;	Initiation restricted to:	
		Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
	5mg, 10mg & 15mg oro-dispersible tablet;		
	10mg injection	Injection restricted to Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
Quetiapine	25mg, 100mg, 150mg, 200mg & 300mg tablet;		Suitable for continuation by primary care
	50mg, 200mg, 300mg & 400mg Modified Release Tablets	Initiation restricted to: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
Risperidone	500micrograms, 1mg, 2mg, 3mg, 4mg, 6mg tablet; 1mg in 1ml oral solution		Suitable for continuation by primary care
4.2.2. Antipsycho	otic depot Injection	IS	
Aripiprazole	400mg Depot Injection	Injection restricted to Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care

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Flupentixol Decanoate	20mg in 1ml; 40mg in 1ml; 100mg in 1ml; 200mg in 1ml oily injection; 40mg in 2ml & 50mg in 0.5ml Injection	Restricted: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Haloperidol	100mg in 1ml		Suitable for continuation by primary care
Decanoate	injection		
Paliperidone	Monthly and 3 monthly. 25mg 75mg 100mg 150mg 175mg/0.875ml, 263mg/1.315ml, 350mg/1.75ml, 525mg/2.625ml Prolonged-release suspension for injection pre-filled syringes	Injection restricted to Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Zuclopenthixol	200mg in 1ml;		Suitable for continuation by primary care
Decanoate	500mg in 1ml injection		Contable for continuation by primary care
4.2.3 Antimanic of	lrugs		
Carbamazepine	100mg, 200mg & 400mg tablet; 200mg & 400mg CR tablet; 200mg chewable tablet; 100mg in 5ml oral liquid; 125mg & 250mg suppository		Suitable for continuation by primary care
Valproic Acid (as the semi-sodium salt)	250mg & 500mg tablet		Suitable for continuation by primary care
Valproate	100mg crushable tablet; 200mg & 500mg e.c. tablet; 200mg, 300mg & 500mg CR tablet; 200mg in 5ml oral liquid; 100mg & 300mg suppository; 4mg injection		Suitable for continuation by primary care
Lithium Carbonate	200mg & 400mg MR tablets (Priadel <sup>®</sup> )		Suitable for continuation by primary care

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Lithium Citrate	1018mg in 5ml syrup	1018mg lithium citrate is equivalent to 400mg lithium	Suitable for continuation by primary care
		carbonate	

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4.3 Antidepres	ssant Drugs		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
4.3.1 Tricyclic A			
Amitriptyline	10mg, 25mg & 50mg tablet; 50mg in 5ml oral solution		Suitable for initiation and continuation by primary care
Clomipramine	10mg, 25mg & 50mg capsule;		Suitable for initiation and continuation by primary care
Imipramine	10mg & 25mg tablet;		Suitable for initiation and continuation by primary care
	25mg/5ml liquid	Initiation restricted to:	
		Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
Lofepramine	70mg tablet; 70mg in 5ml suspension		Suitable for initiation and continuation by primary care
Nortriptyline	10mg & 25mg Tablets	Restricted: Intiation by Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
4.3.2 Monoamine	e-oxidase inhibitors	s (MAOIs)	
4.3.3. Selective s	erotonin reuptake	inhibitors	
Citalopram	10mg & 20mg tablets; 40mg in 1ml oral drops	8 drops (16mg) is equivalent in therapeutic effect to a 20mg tablet	Suitable for initiation and continuation by primary care
Escitalopram	5mg, 10mg, 20mg Tablets & 20mg/ml Oral Drops	Initiation restricted to: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care

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Fluoxetine	20mg capsules; 20mg in 5ml liquid;		Suitable for initiation and continuation by primary care
	20mg Dispersible Tablets	Initiation restricted to:	
		Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
Paroxetine	20mg & 30mg tablets; 10mg in 5ml liquid		Suitable for initiation and continuation by primary care
Sertraline	50mg & 100mg tablets		Suitable for initiation and continuation by primary care
4.3.4 Other antid	epressant drugs		
Duloxetine	30mg & 60mg capsules		Suitable for initiation and continuation by primary care
Mirtazapine	30mg tablet; 15mg, 30mg & 45mg oro- dispersible tablets	Refer to BNF for CSM advice	Suitable for initiation and continuation by primary care
Trazodone	50mg & 100mg Capsules, 50mg/5ml Liquid	Restricted: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Venlafaxine	37.5mg & 75mg tablets; 75mg & 150mg MR capsules	Refer to BNF for CSM advice	Suitable for initiation and continuation by primary care
Vortioxetine	5mg, 10mg & 20mg Tablets	Restricted: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care

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4.4 CNS Stimu Disorder						
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care			
Atomoxetine	10mg, 18mg, 25mg, 40mg, 60mg &80mg capsules	Paediatric Psychiatry team	Suitable for continuation by primary care			
Clonidine	25microgram tablet		Hospital only			
Dexamfetamine	5mg tablet	Controlled Drug Paediatric Psychiatry team Management of attention deficit hyperactivity disorder NG87	Suitable for continuation by primary care			
Guanfacine	1mg, 2mg, 3mg and 4mg Prolonged- Release Tablets (Intuniv <sup>®</sup> )	Paediatric Psychiatry team Management of attention deficit hyperactivity disorder NG87	Suitable for continuation by primary care			
Lisdexamfetamine	30mg, 50mg & 70mg Capsules	Controlled Drug Paediatric Psychiatry team Management of attention deficit hyperactivity disorder NG87	Suitable for continuation by primary care			

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Methylphenidate	5mg & 10mg tablet	Controlled Drug	Suitable for continuation by primary care
	18mg, 27mg, 36mg & 54mg Modified release tablets ( <b>Xenidate<sup>®</sup> XL</b> ) 18mg, 27mg, 36mg & 54mg Modified Release Tablets ( <b>Delmosart®</b> )	Paediatric Psychiatry team Management of attention deficit hyperactivity disorder NG87	
	10mg, 20mg & 30mg XL Capsules <b>(Equasym<sup>®</sup>)</b>		
	10mg, 20mg, 30mg, 40mg, 50mg & 60mg XL Capsules <b>(Medikinet<sup>®</sup>)</b>		
	18mg, 27mg, 36mg, 54mg XL Tablets (Concerta <sup>®</sup> )		
Modafinil	100mg tablet		Hospital only
Piracetam	1200mg tablets & 333.3mg per 1ml oral solution	Restricted: Epilepsy Consultants for initiation.	Suitable for continuation by primary care on the advice of Adult Epilepsy Consultant Neurologists only.
		Continuation by independent prescribers with approved scope of practice in epilepsy.	

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4.5 Anti Obesity Drugs					
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
Orlistat	120mg capsule	1 <sup>st</sup> line medicine for obesity. Use in accordance with NICE guidance for obesity (NICE clinical guideline 43)	Suitable for initiation and continuation by primary care		

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Formulary Item	Strength / Form	<b>Restrictions and/or</b>	Arrangements for Shared Care
-	Strength / Tohin	Advice	Arrangements for Shared Care
Antihistamines			
Cinnarizine	15mg tablet		Suitable for initiation and continuation by primary care
Cyclizine	50mg tablet; 50mg in 1 ml injection		Suitable for initiation and continuation by primary care
Promethazine hydrochloride	10mg & 25mg tablet; 5mg in 5ml elixir; 25mg in 1 ml injection		Suitable for initiation and continuation by primary care
<b>Phenothiazines</b>			•
Chlorpromazine	10mg, 25mg 50mg & 100mg tablet, 100mg in 5ml suspension; 25mg in 5ml syrup; 50mg in 2ml injection		Suitable for initiation and continuation by primary care
Droperidol	10mg tablet; 1mg in 1ml liquid; 2.5mg in 1ml injection		Suitable for initiation and continuation by primary care
Prochlorperazine	5mg tablet; 5mg in 5ml liquid; 3mg buccal tablet; 12.5mg in 1ml injection		Suitable for initiation and continuation by primary care
Trifluoperazine	1mg & 5mg tablet; 5mg in 5ml syrup		Suitable for initiation and continuation by primary care
Domperidone &	Metoclopramide	L	
Domperidone	10mg & 20mg tablet; 5mg in 5ml suspension; 30mg suppository		Suitable for initiation and continuation by primary care
Metoclopramide	10mg tablet; 5mg in 5ml oral solution; 10mg in 2ml injection		Suitable for initiation and continuation by primary care

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5HT <sub>3</sub> Antagonists				
Ondansetron	4mg & 8mg tablet; 4mg orodispersible tablet 4mg in 5ml liquid; 4mg in 2ml injection; 8mg in 4ml injection		Hospital only	
Neurokinin Rece	otor Antagonists			
Aprepitant	80mg & 125mg capsule	Restricted use Restricted for: 1. Prevention of acute and delayed nausea and vomiting associated with highly emetogenic cisplatin-based cancer chemotherapy in adults 2. Prevention of nausea and vomiting associated with moderately emetogenic cancer chemotherapy where standard treatment has failed	Hospital only	

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Hyoscine			
Hyoscine hydrobromide	300 micrograms chewable tablet; 1.5mg (1mg in 72hr) patch; 400 micrograms in 1ml injection; 600 micrograms in 1ml injection		Suitable for initiation and continuation by primary care
Glycopyrronium			
Glycopyrronium bromide	400microgram/ml (equilivant to 320microgram/ml glycopyrronium) Oral Solution	<b>Restricted:</b> Paediatrics	Suitable for continuation by primary care
Pirenzepine Pirenzepine	50mg Tablets	Restricted:	Suitable for continuation by primary care
(Unlicensed)		Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	
Drugs for Menier			
Betahistine dihydrochloride	8mg tablet		Suitable for initiation and continuation by primary care

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4.7 Analgesics				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
4.7.1 Non-opioid	analgesics			
Aspirin	75mg & 300mg dispersible;	Owing to an association with Reye's syndrome,	Suitable for initiation and continuation by primary care	
	75mg EC tablet;	aspirin-containing products should not		
	150mg & 300mg suppository	be given to children under 16 years, unless specifically indicated e.g. for Kawasaki syndrome		
Paracetamol	500mg tablet; 500mg soluble tablet; 120mg in 5ml suspension; 250mg in 5ml suspension Suppositories: 15mg, 30mg, 60mg 120mg, 125mg, 240mg 500mg		Suitable for initiation and continuation by primary care	

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Paracetamol	500mg in 50ml;	Restricted use	
injection	1000mg in 100ml	1. May be initiated	
		on recommendation	
		by the Acute Pain	
		Team for:	
		a) short-term	
		treatment of post-	
		operative pain in	
		adults who cannot	
		tolerate oral route	
		as an alternative	
		to rectal	
		administration, or	
		b) as an opioid-	
		sparing agent in	
		patients receiving	
		high dose opioid	
		infusions	
		2. Prescribed by	
		Anaesthetists in	
		theatre for single	
		intra-operative use	
		to make patient	
		more comfortable in	
		recovery in addition	
		to usual analgesic	
		measures.	
		3. Prescribed by	
		Neuro-intensivists	
		for reduction of post-	
		operative pain in	
		neurosurgical	
		patients where	
		opiate use is	
		undesirable.	
	gesic preparations		
Co-codamol	Codeine +	Soluble tablets	Suitable for initiation and continuation by
(codeine +	paracetamol:	restricted to ENT,	primary care
paracetamol)	30/500mg tablet;	Plastics, and	
	30/500mg soluble	Palliative Care	
<u> </u>	tablet		
Co-dydramol	Dihydrocodeine/par		Suitable for initiation and continuation by
(dihydrocodeine +	acetamol :		primary care
paracetamol) 4.7.2 Opioid anal	10/500mg tablet		
Alfentanil	1mg in 2ml & 5mg in	Controlled Drug	Hospital only
	10ml injection; 5mg in 1ml Intensive	Llee under enocialist	
		Use under specialist	
	Care injection	supervision only	

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Buprenorphinesublin gual tablets & injection	200microgram, 400microgram, 2mg & 8mg sublingual tablet; 0.3mg in 1ml injection	Controlled Drug	Suitable for initiation and continuation by primary care
Buprenorphine patch	BuTrans <sup>®</sup> - release for 7 days: 5microgram/hour, 10microgram/hour, 20microgram/hour transdermal patch Transtec <sup>®</sup> - release for 96 hours: 35microgram/hour, 52.5microgram/hour & 70microgram/hour transdermal patch	Controlled Drug For initiation by the Pain Teams only Prescribe by brand	Suitable for initiation and continuation by primary care
Codeine phosphate tablets & syrup	15mg, 30mg & 60mg tablets; 25mg in 5ml oral solution		Suitable for initiation and continuation by primary care
Codeine phosphate injection	30mg & 60mg injection	Controlled Drug	Suitable for initiation and continuation by primary care
Diamorphine hydrochloride	10mg, 30mg, 100mg & 500mg injection	Controlled Drug	Suitable for initiation and continuation by primary care
Dihydrocodeine tartrate	30mg tablet		Suitable for initiation and continuation by primary care
Dihydrocodeine tartrate injection	50mg in 1mL injection	Controlled Drug	Suitable for initiation and continuation by primary care
Fentanyl	72-hour transdermal patch: 12micrograms/hour, 25micrograms/hour, 50micrograms/hour, 75micrograms/hour & 100micrograms/hour Injection: 100micrograms in 2ml & 500micrograms in 10ml	Controlled Drug Use under specialist supervision only Prescribe by brand	Suitable for initiation and continuation by primary care

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Fentanyl (as citrate) sublingual tablets	100micrograms, 200 micrograms, 300 micrograms,	Controlled Drug Restricted use:	Suitable for continuation by primary care
	400 micrograms, 600 micrograms, 800 micrograms sublingual tablets	For use in the treatment of breakthrough pain for oncology/ palliative care patients on strong opioids	
		For prescription by palliative medicine, oncology, acute and chronic pain service only	
Methadone hydrochloride	5mg tablet; 10mg in 1mL injection	Controlled Drug Specialist Use Only – drug dependency specialists	Suitable for continuation by primary care
Morphine salts	10mg in 5ml & 100mg in 5ml oral solution; 10mg, 30mg & 50mg tablets; 5mg, 10mg, 30mg, 60mg, 100mg & 200mg MR tablets; 10mg in 1ml, 15mg	Controlled Drug	Suitable for initiation and continuation by primary care
	in 1ml, 30mg in 1ml, 60mg in 2ml injection; 50mg in 50ml syringe		

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Oxycodone	5mg, 10mg & 20mg	Controlled Drug	Suitable for continuation by primary care
hydrochloride	capsules; 5mg in		
	5ml oral solution;	Restricted Use:	
	10mg in 1ml		
	concentrated oral	For initiation by the	
	solution; 5mg,	Pain Teams only for	
	10mg, 20mg, 40mg	patients with pain	
	& 80mg MR tablet;	unresponsive to	
	10mg in 1ml, 20mg	morphine.	
	in 2ml, 50mg in1ml		
	injection	For initiation by	
		Haematology for	
		analgesia in sickle	
		cell patients	
		intolerant to	
		morphine.	
			Hospital Only
	50mg in 50ml	Inpatient pain	
		consultant and/or	
		consultant	
		anaesthetist/Intensiv	
		ist after liaising with	
		inpatient pain team	
Pethidine	50mg tablet; 50mg	Controlled Drug	Suitable for continuation by primary care
hydrochloride	in 1ml & 100mg in		
	2ml injection		

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	1	r	
Tapentadol	50mg & 100mg	Controlled Drug	Initiation - Hospital Only
	Modified Release	Restricted to:	
	Tablet	Pain team only	Suitable for continuation by primary care
		In adults with severe	
		chronic pain and	Following the initial 3 month period and
		moderate to severe	Following the initial 3 month period and
		acute pain in whom:	when the patient is on a stable dose of
		•	Tapentadol, prescribing responsibility may
		1) Conventional	be considered for transfer to the patient's
		opioids have failed to	own GP.
		provide adequate pain	
		control and/or are not	
		tolerated; and/or	
		2) A neuropathic pain	
		component cannot be	
		excluded (subject to	
		the Place in Therapy	
		limitations; see below)	
		Place in Therapy:	
		1) in pain with a	
		neuropathic	
		<b>component:</b> Under specialist	
		direction from the	
		pain services,	
		where	
		conventional anti-	
		neuropathic pain	
		agents AND	
		conventional	
		strong opioids	
		(morphine or	
		oxycodone) have	
		failed to provide	
		adequate pain	
		relief or are not	
		tolerated	
		2) In pain without a	
		neuropathic	
		component:	
		under specialist	
		direction from the	
		pain services,	
		where	
		conventional	
		strong opioids	
		(morphine or oxycodone) have	
		failed to provide	
		adequate pain	
		relief or are not	
Tromodol	FOrege energy le	tolerated.	Quitable for initiation and continuation t
Tramadol	50mg capsule		Suitable for initiation and continuation by
hydrochloride	&		primary care
	100mg MR tablet		
	(12 hourly		
	preparation)		
L	proparation	l	

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4.7.3 Neuropathi	c and functional pa	ain	
Amitriptyline hydrochloride	10mg, 25mg & 50mg tablet; 50mg in 5mL syrup	Neuropathic pain: 10 – 25mg at night. May be increased gradually to 75 mg	Suitable for initiation and continuation by primary care
Capsaicin	8% Patch	Restricted: Chronic Pain Group only	Hospital Only
Carbamazepine	100mg, 200mg & 400mg tablets; 200mg chewable tablets; 200mg & 400mg CR tablets; 100mg in 5mL liquid; 125mg & 250mg suppositories	Neuropathic pain: 100mg twice daily, increased gradually to a maximum of 200mg three times a day	Suitable for initiation and continuation by primary care
Gabapentin	100mg, 300mg & 400mg capsules; 50mg in 1m (Sugar Free) Oral Solution	Use on specialist advice	Suitable for continuation by primary care

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Nos Foundation Irus			
Lidocaine	5% (700mg) Medicated Plaster	Restricted use Post-herpetic neuralgia for specialist use only by Pain Teams	Suitable for continuation by primary care
		Restricted use Pain team and Palliative Care only during hours for:	
		<ul> <li>Traumatic rib fractures without LA infusion</li> </ul>	Hospital Only Suitable for continuation by primary care
		• Neuropathi c pain with allodynia (i.e. a painful response to a usually non- painful stimulus) not associated with PHN.	Hospital Only
		• In exceptional circumstances for management of complex pain after inpatient pain team review.	
		(Refer to protocol for Out Of Hours supply for Trust Approved Indications)	
Mepivacaine Hydrochloride	3% Solution for Injection	Restricted: Diabetic Foot Clinic & Colposcopy	Hospital Only

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			NHS FOUNDATION Trust
Pregabalin	25mg, 50mg, 75mg, 100mg, 150mg, 200mg, 225mg & 300mg capsules	Use on specialist advice 2 <sup>nd</sup> line treatment in patients unable to tolerate gabapentin due to side effects	Suitable for continuation by primary care
4.7.4 Anti-migra	ine drugs		
	nt of the acute migr	aine attack	
Imigran® containing: Sumatriptan	10mg and 20mg nasal spray	Restricted: Neurology & Paediatrics	Suitable for initiation and continuation by primary care
Rizatriptan	5mg tablet		Suitable for initiation and continuation by primary care
Sumatriptan	6mg in 0.5ml injection		Suitable for initiation and continuation by primary care
Zolmitriptan	2.5mg tablet		Suitable for initiation and continuation by primary care
4.7.4.2 Prophyla	axis of migraine		
Clonidine	25microgram tablet		Suitable for initiation and continuation by primary care
Erunumab	140mg Pre-Filled Pen	Restricted: Neurology Consultants (NICE TA682)	Hospital only
Fremanezumab	225mg & 675mg pre-filled syringes	Restricted: Headache services only. (NICE TA631)	Hospital only
Galcanezumab	120mg Pre-Filled Pen	Restricted: Neurology Consultants (NICE TA659)	Hospital only

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		NHS Foundation Trust
Pizotifen	500microgram & 1.5mg tablets; 250microgram in 5mL	Suitable for initiation and continuation by
	1.5mg tablets:	primary care
	250microgram in 5ml	F
	alivir	
	elixir	
liscellaneous		

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			NHS Foundation Trust
Ketamine (oral)	50mg in 5ml	Restricted:	Hospital Only
	Solution	Approved as an	
		adjuvant in the	
	Controlled Drug	multimodal	
		management of	
		acute pain for 72	
		hours post-	
		operatively where	
		tolerance or hyper-	
		algesia prevents	
		adequate pain relief with:	
		with.	
		a) Conventional	
		analgesic	
		strategies	
		b) In patients with	
		acute	
		neuropathic	
		pain in the	
		context of major	
		surgery or	
		trauma	
		In patients who	
		are on long term	
		opioids e.g. for	
		chronic pain or	
		for non-medical	
		uses (e.g. IV	
		drug users)	
		where chronic	
		opioid tolerance	
		leads to	
		inadequate pain control	
		Control	
		To be initiated and	
		prescribed by an	
		Acute Pain	
		Consultant for	
		patients as	
		described above.	
		Its use is to be	
		reviewed daily by	
		the Acute Pain	
		Team under the	
		supervision of a Consultant.	
		ONLY the ready-	
		made oral solution	
		can be prescribed	
		for oral use. The IV	
		injection must not be	
		used orally.	
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		J	NHS Foundation Trust
Ketamine (intravenous)	10mg/mL 50mg/mL Controlled Drug	Induction and maintenance of anaesthesia. <b>Restricted:</b> For addition to morphine PCA (unlicensed) and restricted to acute pain team use only for:	Hospital Only
		i) Post-operative opioid tolerant patients (due to prolonged use of high dose opioids)	
		ii)Severe post- operative pain or neuropathic pain at rest or movement requiring high dose opioids	
		iii)Acute on chronic severe pain unresponsive to opioids	
		Acute Pain team will review daily.	
Methoxyflurane	3 mL inhalation vapour	For the treatment of moderate to severe pain in conscious adults with minor to moderate trauma	Hospital Only
		Restricted: For prescribing by consultants or registrars working in the Emergency Department	

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4.8 Antiepilept	4.8 Antiepileptic Drugs			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
4.8.1 Control of e		1		
Brivaracetam	10, 25, 50, 75 and 100mg tablets; 10 mg/ml oral solution; 10mg/ml injection.	To be used as adjunctive therapy in the treatment of partial onset seizures with or without secondary generalisation in patients aged 16 and over with focal epilepsy	Suitable for initiation and continuation by primary care on the advice of Adult Epilepsy Consultant Neurologists only	
		<b>Restricted Use</b> : For initiation, and prescription by Adult Epilepsy Group Consultant Neurologists only		
Cannabidiol (Epidyolex)	100mg/ml oral solution	Restricted: Paediatric Neurology Consultants only For use in children >2 years old with Lennox-Gastaut or Dravet Syndrome in combination with Clobazam if drop seizures are not controlled after using 2 or more antiepileptics.	Hospital Only	
Cannabidiol	Sativex®: 2.5mg per 1 dose & Dronabinol 2.7mg per 1 dose oromucosal spray	Restricted: For use only in specialist MS/Spasticity clinics Consultant neurologist, independent prescriber with approved scope of practice (e.g. Pharmacist)	Hospital Only	

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			NHS Foundation Trust
Carbamazepine	100mg, 200mg, & 400mg tablet; 200mg & 400mg CR tablet; 100mg in 5ml liquid; 125mg & 250mg suppository		Suitable for initiation and continuation by primary care
Clobazam	10mg tablet, 10mg/5ml suspension		Suitable for initiation and continuation by primary care
Clonazepam	500 microgram & 2mg tablet; 1mg in 1ml injection		Suitable for initiation and continuation by primary care
Eslicarbazepine	200mg & 800mg tablets 50mg/ml Liquid	Restricted Use: Restricted to patients who have already tried oxcarbazepine and/or carbamazepine	Suitable for initiation and continuation by primary care
Ethosuximide	250 mg capsule; 250mg in 5ml syrup		Suitable for initiation and continuation by primary care
Gabapentin	100mg, 300mg & 400mg capsule; 50mg in 1m (Sugar Free) Oral Solution		Suitable for initiation and continuation by primary care
Lacosamide	50mg, 100mg, 150mg & 200mg tablet; 10mg in 1ml intravenous infusion	Restricted to Neurology	Suitable for continuation by primary care
Lamotrigine	25mg, 50mg, 100mg, & 200mg tablet; 5mg, 25mg, & 100mg dispersible tablet		Suitable for initiation and continuation by primary care
Levetiracetam	250mg, 500mg, & 1000mg tablet; 100mg in 1ml liquid; 500mg in 5ml intravenous infusion		Suitable for initiation and continuation by primary care
	500mg granules	Restricted to paediatric patients with epilepsy and developmental difficulties	
Oxcarbazepine	150mg & 300mg tablet; 300mg in 5ml suspension		Suitable for initiation and continuation by primary care

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			NHS Foundation Trust
Perampanel	2mg, 4mg, 6mg, 8mg, 10mg, 12mg tablets	Restricted Use: For the treatment of adjunctive treatment for partial seizures with or without secondary generalisation in patients over 12 years of age For prescription by Adult Epilepsy Group Consultant Neurologists and Consultant Paediatric Neurologists	Suitable for initiation and continuation by primary care
Phenobarbital	15mg & 30mg tablet; 15mg in 5ml elixir; 15mg in 1ml, 30mg in 1ml, 60mg in 1ml, & 200mg in 1ml injection	Controlled Drug Note – Elixir contains alcohol 38%	Suitable for initiation and continuation by primary care
Phenytoin	25mg, 50mg, 100mg, & 300mg capsule; 50mg chewable tablet;30mg in 5ml suspension; 250mg in 5ml injection		Suitable for initiation and continuation by primary care
Pregabalin	25mg, 50mg, 75mg, 100mg, 150mg, 200mg, 225mg, & 300mg capsule	<ul> <li>Restricted use:</li> <li>1. Treatment of epilepsy as an adjunctive therapy for adults with partial seizures with or without secondary generalisation</li> <li>2. Specialist use only by the Pain Team for neuropathic pain</li> </ul>	Suitable for initiation and continuation by primary care
Primidone	250mg tablet		Suitable for initiation and continuation by primary care

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			NHS Foundation Trust
Rufinamide	100mg, 200mg, 400mg film coated tablets; 40mg/mL oral suspension	Adjunctive treatment of seizures in Lennox-Gastaut syndrome in patients 4 years and above (tonic drop attacks, in particular)	Paediatrics: Initiated by hospital on advice of consultant Paediatric Neurologists Adults: Can be initiated in hospital or primary care on the advice of Adult Epilepsy Group Consultant Neurologists Continuation for paediatrics and adults by primary care
Sodium Valproate	200mg & 500mg EC tablet; 200mg, 300mg, & 500mg CR tablet; 100mg crushable tablet; 200mg in 5ml (sugar free) liquid; 300mg in 3ml injection		Suitable for initiation and continuation by primary care
	Modified Release 500mg Granules <b>(Episenta®)</b>	Restricted: Paediatric patients with epilepsy and developmental difficulties	
Stiripentol (Diacomit®)	250mg & 500mg capsules & oral powder sachets	Restricted: Consultant epilepsy neurologists and non-medical independent prescribers with a suitable scope of practice	Suitable for continuation by primary care
Tiagabine	5mg and 10mg tablets	Restricted: Adult Neurology Consultants	Suitable for initiation and continuation by primary care on the advice of Adult Epilepsy Consultant Neurologists only.
Topiramate	25mg & 100mg tablet; 25mg sprinkle-form capsule;		Suitable for initiation and continuation by primary care
Vigabatrin	500mg tablet; 500mg powder		Suitable for initiation and continuation by primary care
Zonisamide	25mg, 50mg & 100mg capsule	Restricted to Neurology	Suitable for continuation by primary care
4.8.2 Drugs used	in status epileptic	us	
Clonazepam	1mg in 1ml injection		Suitable for initiation and continuation by primary care
Diazepam	2.5mg, 5mg, & 10mg rectal solution; 10mg in 2ml injection; 10mg in 2ml emulsion injection (Diazemuls <sup>®</sup> )	The preferred parenteral formulation is the emulsion (Diazemuls <sup>®</sup> )	Suitable for initiation and continuation by primary care

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Levetiracetam	250mg, 500mg, & 1000mg tablet; 100mg in 1ml liquid; 500mg in 5ml intravenous infusion		Suitable for initiation and continuation by primary care
Lorazepam	4mg in 1ml injection		Suitable for initiation and continuation by primary care
Midazolam	Buccal Liquid (unlicensed) 10mg in 1ml Oromucosal solution prefilled syringe (Buccolam®) 2.5mg/ 0.5ml 5mg/ml 7.5mg/1.5ml 10mg/2ml 10mg/2ml 50mg/10ml & 100mg/50ml (ICU settings only) injection	For the management of prolonged, acute convulsive seizures in children <18 years old. Midazolam buccal liquid 10mg/ml (unlicensed) Midazolam oromucosal solution 5mg/ml licensed for use in paediatrics Midazolam oromucosal solution _ Psychiatry Consultants: South West London and St.Georges Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care
Paraldehyde	50% w/v rectal solution		Suitable for initiation and continuation by primary care
Phenobarbital	15mg in 1ml, 30mg in 1ml, 60mg in 1ml, & 200mg in 1ml injection	Controlled Drug	Suitable for initiation and continuation by primary care
Phenytoin	250mg in 5ml injection		Suitable for initiation and continuation by primary care

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Sodium Valproate	200mg & 500mg EC tablet; 200mg, 300mg, & 500mg CR tablet; 100mg crushable tablet; 200mg in 5ml (sugar free) liquid; 300mg in 3ml injection Modified Release 500mg Granules (Episenta®)	<b>Restricted:</b> Paediatric patients with epilepsy and developmental difficulties	Suitable for initiation and continuation by primary care
Thiopental	500mg Injection	Restricted: Neurology & Critical Care Settings	Hospital Only
4.8.2 Febrile conv	vulsions		
Diazepam	2.5mg, 5mg, & 10mg rectal solution; 10mg in 2ml injection; 10mg in 2ml emulsion injection (Diazemuls <sup>®</sup> )	The preferred parenteral formulation is the emulsion (Diazemuls <sup>®</sup> )	Suitable for initiation and continuation by primary care
Paracetamol	500mg tablet; 500mg soluble tablet; 120mg in 5ml suspension (sugar- free); 250mg in 5ml suspension (sugar- free); 15mg, 30mg, 60mg, 120mg, 125mg, 240mg, 500mg&1,000mgsu ppository; 500mg in 50ml & 1,000mg in 100ml injection	Paracetamol used to reduce fever and prevent further convulsions	Suitable for initiation and continuation by primary care

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4.9 Drugs used	isorders		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
	ic drugs used in P	arkinson's diseas	
Amantadine	100mg capsule;		Suitable for initiation and continuation by
Anomorphing	50mg in 5ml syrup APO-go <sup>®</sup> : 5 mg/ml	APO-go <sup>®</sup> :	primary care Hospital only
Apomorphine hydrochloride	Solution for Infusion in Pre-Filled Syringe (1 ml contains 5 mg apomorphine hydrochloride).	Restricted to Inpatient Settings, Homecare and Outpatients only.	nospitai oniy
	APO-go <sup>®</sup> : 10 mg/ml Solution for Injection Pen (1 ml contains 10 mg apomorphine hydrochloride)		
	Dacepton®: 10 mg/ml solution for injection in cartridge (1 ml contains 10 mg apomorphine hydrochloride hemihydrate)	<b>Dacepton®:</b> Restricted to Homecare and Outpatients only.	
	Dacepton®: 5 mg/ml solution for infusion (1 ml contains 5 mg apomorphine hydrochloride hemihydrate)	<b>Restricted</b> : Neurology Specialist Movement Disorder Service	
Bromocriptine	2.5mg tablet		Suitable for initiation and continuation by primary care
Cabergoline	500microgram, 1mg, & 2mg tablets		Suitable for initiation and continuation by primary care
Co-Beneldopa	12.5/50mg, 25/100mg dispersible tablet; 12.5/50mg, 25/100mg, & 50/200mg capsule; 25/100 SR capsule	A mixture of benserazide hydrochloride and levodopa in mass proportions corresponding to 1 part of benserazide and 4 parts of levodopa	Suitable for initiation and continuation by primary care

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Co-Careldopa	12.5/50mg, 10/100mg, 25/100mg & 25/250mg tablets; 25/100mg & 50/200mg SR tablets	A mixture of carbidopa and levodopa; the proportions are expressed in the form x/y where x and y are the strengths in milligrams of carbidopa and levodopa respectively	Suitable for initiation and continuation by primary care
Entacapone	200mg tablet		Suitable for initiation and continuation by primary care
Opicapone	50 mg capsules	Restricted to: For prescription by the Atkinson Morley Movement Disorders Group and Senior Health Consultants. As adjunctive therapy to preparations of levodopa/ DOPA decarboxylase inhibitors (DDCI) in adult patients with Parkinson's Disease and end-of-dose motor fluctuations who cannot be stabilised on those combinations. For use as second line in people unable to tolerate entacapone	Suitable for continuation by primary care

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			NHS Foundation Trust
Rasagiline	1mg tablet	For use in Parkinson's patients requiring MOAB inhibitor who have particular congnitive impairment or behavioural disturbance in whom amphetamine-like metabolites could potentially cause deterioration. Otherwise selegiline must be used	Suitable for continuation by primary care
Ropinirole	250microgram, 500microgram, 1mg, & 5mg tablets; 2mg XL and 8mg XL tablet	Ropinirole XL For use in Parkinson's patients second line to ropinirole TDS according to local protocol	Suitable for initiation and continuation by primary care
Rotigotine	2mg, 4mg, 6mg and 8mg patches	Restricted to patients in hospital who are Nil By Mouth or Parkinson's patients with dysphagia	Suitable for continuation by primary care
Safinamide	50mg and 100mg Film coated tablets	For the treatment of adult patients with idiopathic Parkinson's disease (PD) as add-on therapy to a stable dose of Levodopa (L-dopa) alone or in combination with other PD medicinal products in mid-to late-stage fluctuating patients in accordance with the St George's Parkinson's disease treatment pathway <b>Restricted</b> : to clinicians in the movement disorders clinic and Senior Health Consultants.	Suitable for continuation by primary care
Selegiline	5mg tablet		Suitable for initiation and continuation by primary care

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			NHS Foundation Trust
Tolcapone	100mg tablet	Restricted to Prescribing ONLY by Consultant Neurologists within the Movement Disorders group and Senior Health Consultants when entacapone therapy or other pharmacological options (dopamine agonists, MAO-B inhibitors, amantadine) have failed to control end of dose fluctuations. The prescribing physician will be responsible for	Suitable for continuation by primary care
		monitoring of LFTs.	
	inic drugs used in	parkinsonism	
Orphenadrine hydrochloride Procyclidine hydrochloride	50mg tablet; 50mg in 5ml syrup 5mg tablet; 5mg in 5ml (Sugar Free)		Suitable for initiation and continuation by primary care Suitable for initiation and continuation by primary care
-	syrup; 10mg in 2ml injection		
Trihexyphenidyl	2mg & 5mg tablet;		Suitable for initiation and continuation by
hydrochloride	5mg in 5ml syrup	r chorce tice and	primary care
Clonidine	in essential tremo 25 micrograms & 100 micrograms tablets	Restricted to: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust Unlicensed use of treatment of tics in people with Tourette syndrome and chronic tic disorders	Suitable for continuation by primary care
Haloperidol	1.5mg, 5mg, & 10mg tablet; 500microgram tablet; 1mg in 1ml & 2mg in 1ml liquid; 5mg in 1ml injection	Intravenous route restricted to critical care areas – cardiac monitoring required	Suitable for initiation and continuation by primary care

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Haloperidol	100mg in 1ml (oily)	For IM injection	Suitable for initiation and continuation by
Decanoate	injection		primary care
Riluzole	50mg tablet	High Cost Medicine – PbR excluded	Suitable for continuation by primary care
Tetrabenazine	25mg tablet	– PbR excluded	Suitable for initiation and continuation by primary care

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Miscellaneous			
Botulinum Toxin	100unit injection	Restricted use	Hospital only
Туре А	(Xeomin)		
	, ,		
	500unit injection	Dysport restricted	
	(Dysport)	to:	
		1. Urology:	
		neurogenic and	
		idiopathic	
		detrusor	
		overactivity	
		resistant to a	
		non operative	
		management	
		and cholinergics	
		where quality of	
		life is impaired	
		2. Ophthalmology	
		blepharospasm,	
		hemifacial	
		spasm, protective ptosis	
		and squint.	
		3. Anal Fissures:	
		3 <sup>rd</sup> line treatment	
		of anal fissures	
		where GTN	
		0.4% ointment	
		and Diltiazem	
		2% cream have	
		failed to result in	
		healing	
		4. Neurology:	
		spasticity,	
		dystonias and	
		hyperhidrosis	
		5. Paediatric	
		Surgery: For the	
		management of	
		idiopathic	
		constipation in	
		children with	
		Hirschprungs	
		disease.	
		Xeomin restricted to:	
		Neurology – for	
		treatment of	
		blepharospasm and	
		dystonias in patients	
		at risk of BoNT-A	
		(botulinum	
		neurotoxin A) failure	
	1	,	Date published: August 2022

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**NHS Foundation Trust** 

	-	-	NHS Foundation Trust
Botulinum Toxin Type A	200 unit injection (Botox®)	Restricted use	Hospital only
		Botox restricted to:	
	Restricted :	Namelami	
	100 unit injection	Neurology:	
	(Botox®) for urogynaecology/	Chronic migraine - defined as	
	female urology use	headache on at	
	only	least 15 days per	
	only	month with at least 8	
		days per month of	
		migraine.	
		Botulinum toxin	
		treatment will be	
		considered and	
		discussed in	
		patients in whom	
		any concomitant analgesic overuse	
		has been managed	
		appropriately and in	
		whom 3 prior	
		prophylactic	
		therapies have	
		failed	
		NICE TA 260 (June 2012)	
		Urogynaecology:	
		The management of	
		bladder dysfunction	
		or Over-Active	
		Bladder (OAB)	
		syndrome in adult patients (female)	
		who are; (1) not	
		adequately	
		managed with anti-	
		cholinergics due to	
		poor efficacy and or	
		significant side	
		effects; (2) patients in whom the use of	
		anticholinergic(s) is	
		contra-indicated and	
		or (3) failure to	
		respond (or contra-	
		indication to)	
		Mirabegron a beta 3	
		adreno-receptor	
		agonist that reduces	
		bladder contractility.	

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Botulinum Toxin Type B	10,000units in 2ml injection (Neurobloc)	Restricted use	Hospital only
		Restricted to use by Maxillofacial unit for treatment of patients with sialorrhea in adults and paediatrics	
Phenol in Aqueous	Phenol 5% in aqueous (unlicensed)	Spasticity Clinic and Senior Health Consultants Only	Hospital Only
Phenol Intrathecal	Phenol 5% in glycerol intrathecal injection	Spasticity Clinic and Senior Health Consultants Only	Hospital Only

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4.10 Drugs use	ed in Substance	Dependence	
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
4.10.2 Nicotine d		1	
Bupropion	150mg Modified Release Tablets	Restricted: Under the direction of level 2 and 3 smoking cessation advisors in the Trust:	Suitable for initiation and continuation by primary care
Nicotine	2mg lozenge; 10mg, 15mg, & 25mg patch; 15mg/cartridge, inhalator; 2mg microtab; 1mg/metered dose, oral spray	Restricted: The following preparations are restricted to the direction of level 2 and 3 smoking cessation advisors in the Trust: 15mg/cartridge, inhalator 2mg microtab 1mg/metered dose, oral spray	Suitable for initiation and continuation by primary care
Varenicline <b>(Champix®)</b>	0.5mg/2mg Tablets Two Week Initiation Pack & 1mg Tablets	Restricted to: Smoking Cessation Service	Suitable for initiation and continuation by primary care
4.10.3 Opioid dep	bendence		
Buprenorphine Methadone hydrochloride	200microgram, 400microgram, 2mg & 8mg sublingual tablet;5microgram per hour, 10microgram per hour, 20microgram per hour, 52.5microgram per hour & 70microgram per hour patch 1mg in 1ml (sugar free, brown colour) mixture; 1mg in 1ml	Controlled Drug Controlled Drug	Suitable for initiation and continuation by primary care Suitable for initiation and continuation by primary care
	(DTF) mixture;10mg in 1ml injection		
Naltrexone hydrochloride	50mg tablet		Suitable for initiation and continuation by primary care

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4.11 Drugs for	4.11 Drugs for Dementia			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
4.11 Drugs for de	ementia			
Donepezil hydrochloride	5mg & 10mg tablets; 5mg & 10mg orodispersible tablets	Restricted use Restricted to use by neurologists for the treatment of moderate Alzheimers disease & Senior Health Consultants & Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	Suitable for continuation by primary care	
Galantamine	4mg, 8mg & 12mg tablets; 8mg, 16mg & 24mg MR capsules; 4mg in 1ml oral solution	Restricted use Restricted to use by neurologists for the treatment of moderate Alzheimers disease & Senior Health Consultants	Suitable for continuation by primary care	
Memantine	10mg & 20mg tablet; Treatment initiation pack (7 x 5mg, 7 x 10mg, 7 x 15mg and 7 x 20mg tablets per pack); 5 mg/actuation (10 mg/ml) Oral Solution	Restricted use Restricted to use by neurologists for the treatment of moderate Alzheimers disease & Senior Health Consultants	Suitable for continuation by primary care	

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Rivastigmine	1.5mg, 3mg,4.5mg & 6mg capsules; 2mg in 1ml oral solution; 4.6mg patch over 24hours, 9.5mg patch over 24hours	Restricted use Restricted to use by neurologists for the treatment of moderate Alzheimers disease and dementia in Parkinson's disease & Senior Health Consultants	Suitable for continuation by primary care
	13.3mg patch over 24 hours	Initiation restricted to: Psychiatry Consultants: South West London and St George's Mental Health (SWLMHT) NHS Trust	

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#### **Chapter 5: Infections**

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

#### **Chapter 6: Endocrine System**

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

#### Chapter 7: Obstetrics, Gynaecology, and Urinary-Tract Disorders

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

Chapter 8: Mal	Chapter 8: Malignant Disease and Immunosupporession			
8.1 Cytotoxic d	rugs			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
Treatment for cyt	otoxic-induced side	e-effects		
Urothelial toxicity	1			
Mesna (Uromitexan)	400mg & 600mg tablets	Prevention of haemorrhagic cystitis in those patients receiving high dose cyclosphamide.	Hospital only	
8.1.2 Anthracycli	nes and other cytot	oxic antibiotics		
Pixantrone	1g/20mL vials for injection	For monotherapy for the treatment of adult patients with multiply-relapsed or refractory aggressive non-Hodkin B cell lymphomas, according to NICE guidelines.	Hospital only	
		Restricted to Consultant Haemato- Oncologist		

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			NHS Foundation Trust
Bleomycin	15,000 unit's injection (1000 units/ml)	For sclerotherapy in adults with lymphatic and venous malformations <b>Restricted:</b> Interventional radiology only and Haematology Consultant and Registrars	Hospital only
8.1.3 Antimetabo	lites 100mg and 500mg vials for injection	Restricted to patients with NSCLC adenocarcinoma or large cell carcinoma and would not be given to patients with NSCLC squamous type due to lack of evidence for benefit for patients with cancer of this cell type. <b>Restricted:</b> For prescription by Haemato-Oncology only	Hospital only
8.1.5 Other anti-n		· · ·	
Abemaciclib	50mg, 100mg & 150mg Tablets	Restricted: Oncology Consultant and Registrar only	Hospital only

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			NHS Foundation Trust
Acalabrutinib	100mg capsules	Restricted: Haematology Consultant and Registrar only (NICE TA689)	Hospital only
Aflibercept	25mg per 1ml concentrate for solution for infusion vials	Restricted: Oncology Consultant and Registrars only	Hospital only
Alectinib	150mg Capsules	Restricted: Oncology Consultant and Registrars only	Hospital Only
Amsacrine	75mg in 1.5ml Injection	Restricted: Haematology Consultant and Registrars only	Hospital Only
Arsenic Trioxide	10mg in 10ml ampoule	Restricted: Haematology Consultant and Registrars only	Hospital only
Atezolizumab	1200mg/20ml concentrate for solution for infusion vials	Restricted: Oncology Consultant and Registrars only (NICE TA705)	Hospital only
Avelumab	200mg in 10ml injection	Restricted: Oncology Consultant and Registrars only (NICE TA691)	Hospital only
Axitinib	1mg, 3mg & 5mg Tablets	Restricted: Oncology Consultant and Registrars only	Hospital only
Azacitidine	100mg powder for suspension for injection vials	Restricted: Haematology Consultant and Registrars only	Hospital only
Bendamustine Hydrochloride	25mg & 100mg powder for concentrate for solution for infusion vials	Restricted: Haematology Consultant and Registrars only	Hospital only
Bevacizumab	100mg in 4ml or 400mg in 16ml vials	Restricted: Oncology Consultant and Registrars only (NICE TA693)	Hospital only
Binimetinib	15mg Tablets	Restricted: Oncology Consultant and Registrars only	Hospital only

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			NHS Foundation Trust
Blinatumomab	38.5 micrograms	Restricted:	Hospital only
	powder for	Haematology	
	concentrate and	Consultant and	
	solution for solution	Registrars only	
	for infusion vials		
Bortezomib	3.5mg injection vials	Restricted:	Hospital only
		Haematology	
		Consultant and	
		Registrars only	
Bosutinib	100mg & 500mg	Restricted:	Hospital only
	Tablets	Haematology	
		Consultant and	
		Registrars only	
Brentuximab vedotin	50mg powder for	Restricted:	Hospital only
	concentrate for	Haematology	
	solution for infusion	Consultant and	
	vials	Registrars only	
Brigatinib	90mg & 180mg	Restricted:	Hospital only
	Tablets	Oncology Consultant	
		and Registrars only	
Busulfan	2mg Tablets and	Restricted:	Hospital only
	60mg in 10ml	Haematology	
	Injection	Consultant and	
		Registrars only	
Cabazitaxel	60mg in 1.5ml	Restricted:	Hospital only
	injection	Oncology Consultant	
		and Registrars only	
Cabozantinib	20mg, 40mg & 60mg	Restricted:	Hospital only
(Cabometyx®)	Tablets	Oncology Consultant	
		and Registrars only	
Carboplatin	150mg in 15ml,	Restricted:	Hospital only
	450mg in 45ml &	Haematology &	
	600mg in 60ml	Oncology Consultant	
	Injections	and Registrars only	
Carfilzomib	60mg powder for	Restricted:	Hospital only
	solution for infusion	Haematology	
	vials	Consultant and	
		Registrars only	
		(NICE TA695)	
Carmustine	100mg injection	Restricted:	Hospital only
		Haematology	
		Consultant and	
		Registrars only	
Capecitabine	150mg & 500mg	Restricted:	Hospital only
	Tablets	Oncology Consultant	
		and Registrars only	
Cemiplimab		Restricted:	Hospital only
	350mg in 7ml		Tiospital only
	concentrate for	Oncology Consultant	
,	-		

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			NHS Foundation Trust
Ceritinib	150mg Tablet	Restricted: Oncology Consultant and Registrars only	Hospital only
Cetuximab	100mg in 20ml and 500mg in 100ml vials	First line treatment of metastatic colorectal cancer in combination with chemotherapy in patients whose tumours are K-ras wild type.	Hospital only
		prescription by Haemato-Oncology only	
Chlorambucil	2mg Tablet	Restricted: Haematology Consultant and Registrars only	Hospital only
Cisplatin	100mg in 100ml Injection	Restricted: Oncology and Haematology Consultant and Registrars only	Hospital only
Clofarabine	1mg in 1ml Injection	Restricted: Haematology Consultant and Registrars only	
Crizotinib	250mg Capsule	Restricted: Oncology Consultant and Registrars only	Hospital only
Cyclophosphamide	50mg Tablet and & 1g Injection	Restricted: Haematology & Oncology Consultant and Registrars only	Hospital only
Cytarabine	100mg in 5ml, 500mg in 5ml, 1g in 10ml & 2g in 20ml Injection Vials	Restricted: Haematology Consultant and Registrars only	Hospital only
Dabrafenib	75mg or 50mg hard capsules	Restricted: Oncology Consultant and Registrars only	Hospital Only
Dacarbazine	1g powder for solution for injection vials	Restricted: Haematology Consultant and Registrars only	Hospital Only
Dacomitinib	15mg, 30mg & 45mg Tablets	Restricted: Oncology Consultant and Registrars only	Hospital Only

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Dactinomycin	500 microgram Injection	Restricted: Haematology Consultant and Registrars only	Hospital Only
Daratumumab	100mg in 5ml & 400mg in 20ml concentrate for solution for infusion and 1,800mg in 15ml solution for injection vials	Restricted: Haematology Consultant and Registrars only	Hospital Only
Dasatinib (Sprycel)	20mg, 50mg, 70mg tablets	Restricted: For prescription by Haemato-Oncology only	Hospital only
Daunorubicin	20mg powder for solution for infusion vials	Restricted:HaematologyConsultantRegistrars only	Hospital only
Daunorubicin and Cytarabine Liposomal <b>(Vyxeos®)</b>	44mg/100mg Injection	Restricted: Haematology Consultant and Registrars only	Hospital only
Docetaxel	80mg Injection	<b>Restricted:</b> Oncology Consultant and Registrars only	Hospital only
Doxorubicin	10mg in 5ml & 50mg in 25ml Injections	Restricted: Haematology & Oncology Consultant and Registrars only	Hospital only
Doxorubicin (DC bead)	75mg in 2ml Injection [Unlicensed Special]	Restricted: Interventional Radiology Hepatology Consultant and Registrars only	Hospital only
Durvalumab	500mg Injection	Restricted: Oncology Consultant and Registrars only	Hospital only
Encorafenib	50mg & 75mg Capsules	Restricted: Oncology Consultant and Registrars only	Hospital Only
Epirubicin	50mg Injection	Restricted: Oncology Consultant and Registrars only	Hospital only
Etoposide	50mg & 100mg Capsules and 100mg Injection	Restricted: Haematology & Oncology Consultant and Registrars only	Hospital only

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	r	1	NHS Foundation Trust
Etoposide Phosphate (Etopophos®)	100mg Injection	Restricted: Haematology & Oncology Consultant and Registrars only	Hospital only
Everolimus	2.5mg, 5mg, 10mg tablets and 1mg, 2mg, 3mg and 5mg dispersible tablets	Restricted use: For initiation by Epilepsy consultants under the advice of the Atkinson Morley Regional Epilepsy Network MDT or by the Renal Medicine team caring for patients with Tuberous Sclerosis only-For patients 16 years and over.	Hospital only
		Restricted use: Paediatric Neurology for patients aged 2 years and over. Restricted: Oncology Consultant and Registrars only	
Eribulin	880micrograms in 2ml vial	Restricted: Oncology Consultant and Registrars only	Hospital only
Erlotinib	25mg, 100mg & 150mg Tablets	Restricted: Oncology Consultant and Registrars only	Hospital only
Fludarabine	10 mg Tablet and 50mg Injection	Restricted: Haematology Consultant and Registrars only	Hospital only
Fluorouracil	500mg, 1g, 2.5g & 5g Injections	Restricted: Oncology Consultant and Registrars only	Hospital only
Gefitinib	250mg tablet	Treatment of EGFR mutation positive locally advanced or metastatic lung adenocarcinoma.	Hospital only
		Restricted:ForprescriptionbyHaemato-Oncologyonly	

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			NHS Foundation Trust
Gemcitibine	2g Injection and 100mg, 1g, 1.2g, 1.6g, 1.8g & 2.2g Infusion Bags	Restricted: Haematology & Oncology Consultant and Registrars only	Hospital only
Gemtuzumab Ozogamicin	5mg Injection	Restricted: Haematology Consultant and Registrars only	Hospital only
Imbruvica® containing: Ibrutinib	140mg, 280mg & 420mg tablet.	Restricted use: Haematology and Oncology Registrars and Consultants.	Hospital Only
Idarubicin	5mg & 10mg Injections	<b>Restricted:</b> Haematology Consultant and Registrars only	Hospital Only
Idelalisib	100mg & 150mg Tablets	Restricted: Haematology Consultant and Registrars only	Hospital Only
lfosfamide	1g & 2g Injections	Restricted: Haematology Consultant and Registrars only	Hospital Only
Imatinib	100mg & 400mg Tablets and 100mg & 400mg Capsules	Restricted: Haematology Consultant and Registrars only	Hospital Only
Inotuzumab Ozogamicin	1mg Injection	Restricted: Haematology Consultant and Registrars only	Hospital Only
Ipilimumab	50mg in 10ml and 200mg in 40ml vials	Restricted: Oncology Consultant and Registrars only	Hospital only
Irinotecan	300mg Injection	Restricted: Oncology Consultant and Registrars only	Hospital only
Isatuximab	100mg & 500mg Injections	Restricted: Haematology Consultant and Registrars only	Hospital only
lxazomib	2.3mg, 3mg & 4mg Capsules	Restricted: Haematology Consultant and Registrars only	Hospital only

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Hospital only



		overexpressing metastatic breast cancer given in conjunction with capecitabine chemotherapy.	
		Restricted: For prescription by Haemato-Oncology only	
Lenvatinib <b>(Lenvima®)</b>	4mg & 10mg Capsules	Restricted: Oncology Consultant and Registrars only	Hospital Only
Liposomal Doxorubicin	20mg in 10ml & 50mg in 25ml Injections	Restricted: Oncology Consultant and Registrars only	Hospital Only
Lomustine	40mg Capsules	Restricted: Haematology Consultant and Registrars only	Hospital Only
Lorlatinib	25mg & 100mg Tablets	Restricted: Oncology Consultant and Registrars only	Hospital Only
Melphalan	2mg Tablet and 50mg Injection	Restricted: Haematology Consultant and Registrars only	Hospital Only
Mercaptopurine (6-Mercaptopurine)	50mg Tablet	Restricted: Haematology Consultant and Registrars only	Hospital Only
Midostaurin	25mg Capsule	Restricted: Haematology Consultant and Registrars only	Hospital Only
Mitomycin	20mg & 40mg Injection	Restricted: Oncology Consultant and Registrars only	Hospital Only
Mitomycin C	0.4mg/ml solution	Recurrent tracheal stenosis Restricted to: Professor Brendan Madden	Hospital Only
Mitoxantrone	20mg in 10ml Injection	Restricted: Haematology	Hospital Only

Treatment of

progression of HER2

first

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Consultant and Registrars only



Lapatinib

250mg tablet



			NHS Foundation Trust
Nelarabine	5mg in 1ml Injection	Restricted: Haematology Consultant and Registrars only	Hospital Only
Neratinib	40 mg tablets	<b>Restricted:</b> Oncology Consultant and Registrars only	Hospital only
Nivolumab	100mg in 10mL injection; 40mg in 4mL injection	Restricted: Haematology Consultant and Registrars only Non-squamous non- small-cell lung cancer after chemotherapy (NICE TA713) Unresectable advanced or recurrent oesophageal cancer (NICE TA707) Recurrent or metastatic squamous cell carcinoma of the head and neck after platinum based chemotherapy (NICE TA736) With Ipilimumab for previously treated metastatic colorectal cancer with high microsatellite instability or mismatch repair deficiency (NICE TA716) With Ipilimumab and chemotherapy for untreated metastatic non-small-cell lung cancer (NICE TA724)	Hospital only

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			This Foundation Trase
Nilotinib	150mg and 200mg Tablets	Treatment of adults with chronic phase and accelerated phase Philadelphia chromosome positive chronic myelogenous leukaemia with resistance or intolerance to prior therapy including imatinib. <b>Restricted</b> : For prescription by Haemato-Oncology only	Hospital only
Nintedanib	100mg and 150mg capsules	Restricted: Oncology Consultant and Registrars only	Hospital only
Niraparib	100mg Capsule	Restricted: Oncology Consultant and Registrars only	Hospital only

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			NHS Foundation Trust
Nivolumab	100mg in 10mL injection; 40mg in 4mL injection	Restricted: Haematology Consultant and Registrars only	
		Non-squamous non- small-cell lung cancer after chemotherapy (NICE TA713)	
		Unresectable advanced or recurrent oesophageal cancer (NICE TA707)	
		Recurrent or metastatic squamous cell carcinoma of the head and neck after platinum based chemotherapy (NICE TA736)	
		With Ipilimumab for previously treated metastatic colorectal cancer with high microsatellite instability or mismatch repair deficiency (NICE TA716)	
		With Ipilimumab and chemotherapy for untreated metastatic non-small-cell lung cancer (NICE TA724)	
Obinutuzumab	1000mg in 40ml injection	Restricted: Haematology Consultant and Registrars only	Hospital only
Olaparib	50mg Capsules	Restricted: Oncology Consultant and Registrars only	Hospital Only
Osimertinib	80mg Tablet	(NICE TA693) Restricted: Oncology Consultant and Registrars only	Hospital Only

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Ovalialatia	50mm 9 400mm m	Destricted	
Oxaliplatin	50mg & 100mg	Restricted:	Hospital only
	Injections	Oncology Consultant	
Dealitaval albumin	100mg Injection	and Registrars only	Heanital only
Paclitaxel albumin	100mg Injection	Restricted:	Hospital only
(Abraxane)		Oncology Consultant	
Dealitaval	100mg 8 200mg	and Registrars only Restricted:	Heanital only
Paclitaxel	100mg & 300mg		Hospital only
	Injections	Oncology Consultant	
Palbociclib	75mg 100mg 8	and Registrars only Restricted:	Hospital Only
Paibociclib	75mg, 100mg &	Oncology Consultant	Hospital Only
	125mg Capsules	and Registrars only	
Panobinostat	10mg, 15mg and	Restricted:	Hospital Only
Fanobinosiai	20mg Capsules	Haematology	
	zonig Capsules	Consultant and	
Pazopanib	200mg & 400mg	Registrars only Restricted:	Hospital Only
r azopanio	Tablets	Oncology Consultant	
	Tablets	and Registrars only	
Pembrolizumab	50mg & 100mg	Restricted:	Hospital Only
Fembronzumab	Injections	Oncology Consultant	
	Injections	and Registrars only	
		and registrars only	
		(NICE TA709)	
Pentostatin	10mg Injection	Restricted:	Hospital Only
		Haematology	
		Consultant and	
		Registrars only	
Pertuzumab	420mg Injection	Restricted:	Hospital Only
	3,000	Oncology Consultant	
		and Registrars only	
Pertuzumab and	Pertuzumab 1200mg	Restricted:	Hospital only
Trastuzumab	and Trastuzumab	Medical Oncology	
(Phesgo®)	600mg/15ml		
(	&	(NICE TA424,	
	Pertuzumab 600mg	NICE TA509 &	
	and Trastuzumab	NICE TA569)	
	600mg/10ml injection	,	
Pixantrone	29mg Injection	Restricted:	Hospital Only
		Haematology	
		Consultant and	
		Registrars only	
Polatuzumab Vedotin	30mg & 140mg	Restricted:	Hospital Only
	Injection	Haematology	
		Consultant and	
		Registrars only	
Pomalidomide	1mg, 2mg, 3mg &	Restricted:	Hospital Only
	4mg Capsules	Haematology	
		Consultant and	

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Ponatinib	15mg 20mg 8 15mg	Restricted:	Hospital Only
Ponaunio	15mg, 30mg & 45mg		Hospital Only
	Tablets	Haematology	
		Consultant and	
<u> </u>		Registrars only	
Procarbazine	50mg Capsule	Restricted:	Hospital Only
		Haematology	
		Consultant and	
		Registrars only	
Raltitrexed	2mg Injection	Restricted:	Hospital Only
		Oncology Consultant	
		and Registrars only	
Ribociclib	200mg tablet	Restricted:	Hospital Only
		Medical Breast	
		Oncology	
Ruxolitinib	5mg, 10mg, 15mg &	Restricted:	Hospital Only
	20mg Tablets	Haematology	
	Lonig Tableto	Consultant and	
		Registrars only	
Sorafenib	200mg tablet	For advanced renal	Hospital only
Solalellin	200mg tablet	cell carcinoma.	riospital offiy
		Second line	
		treatment in patients	
		intolerant of or	
		refractory to cytokine	
		therapy with	
		interferon alpha.	
		Restricted: For	
		prescription by	
		Haemato-Oncology	
		only	
Streptozocin	1g Injection	Restricted:	Hospital only
••p••=•••	.gjeenen	Oncology Consultant	
		and Registrars only	
Sunitinib	12.5mg, 25mg &	Restricted:	Hospital only
Summe	<b>.</b>	Oncology Consultant	riospital offiy
	50mg Capsules		
Tamanalamida		and Registrars only	Lleesitel enky
Temozolomide	5mg, 20mg, 100mg	Restricted:	Hospital only
	& 250mg Capsules	Oncology Consultant	
		and Registrars only	
Thiotepa	15mg & 100mg	Restricted:	Hospital only
	Injections	Haematology	
		Consultant and	
		Registrars only	
Tivozanib	890 microgram &	Restricted:	Hospital only
	1340 microgram	Oncology Consultant	
	Capsules	and Registrars only	
Topotecan	250microgram and	Restricted:	Hospital only
. opotooun	1mg capsules	Oncology Consultant	
	and	and Registrars only	
	4mg Injection		

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<b>—</b>			
Trametinib	2mg and 0.5mg	Unresectable or	Hospital Only
	tablets	Metastatic Melanoma	
		In combination with	
		dabrafenib for adults	
		with completely	
		resected stage III	
		melanoma that has a	
		BRAF V600	
		mutation.	
		Restricted: For	
		prescription by	
		Medical Oncology	
-	4.50	only	
Trastuzumab	150mg Injection (for	Restricted:	Hospital Only
	IV use only) &	Oncology Consultant	
		and Registrars only	
	600mg Injection (for S/C use only)		
Transtuzumab	100mg Infusion	Restricted:	Hospital Only
Deruxtecan		Oncology Consultant	
		and Registrars only	
		(NICE TA 704)	
Trastuzumab	100mg & 160mg	Restricted:	Hospital Only
Emtansine	Injections	Oncology Consultant	
Tara Kar		and Registrars only	
Treosulfan	1g and 5g injection	Restricted:	Hospital Only
(Trecondi®)		Haematology Consultant and	
		Registrars only	
Tretinoin	10mg capsule	Induction of	Hospital only
	Tonig oupsuic	remission in acute	hoopital only
		promyelocytic	
		leukemia.	
		Restricted:	
		Haematology	
		consultants.	
Trifluridine/Tipiracil	15mg/6.14mg &	Restricted:	Hospital only
(LONSURF®)	20mg/8.19mg	Oncology Consultant	
Vemurafenib	Tablets 240mg tablets	and Registrars only Treatment of BRAF	Hospital only
veniuraleniu		V600 mutation	τιοσριταί υπιγ
		positive unresectable	
		or metastatic	
		melanoma.	
		Restricted: For	
		prescription by	
		Haemato-Oncology	
		only	

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Venetoclax	10mg, 50mg & 100mg Tablets	Restricted: Haematology Consultant and Registrars only	Hospital Only
Vinblastine	10mg Injection	Restricted: Haematology Consultant and Registrars only	Hospital Only
Vincristine	1mg & 2mg Injections	Restricted: Haematology & Oncology Consultants and Registrars only	Hospital Only
Vinorelbine	20mg, 30mg, 50mg & 80mg Capsules and 10mg & 50mg Injections	Restricted: Oncology Consultant and Registrars only	Hospital Only
Vismodegib	150mg Capsule	Restricted: Oncology Consultant and Registrars only	Hospital Only

8.2 Drugs affe	cting the immun	e response	
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
8.2.1 Antiprolife	rative immunosupp	ressants	
Azathioprine	25mg & 50mg tablets		Suitable for initiation and continuation by primary care
Mycophenolate mofetil	500mg tablet; 250mg capsule; 1g in 5ml suspension; 500mg injection	Restricted: Renal department only	Hospital only
Mycophenolic acid	Ceptava® containing: 180mg & 360mg tablets	Restricted: Renal department only	Hospital only
8.2.2 Corticoster	oids and other imp	nunosuppressants	
Antithymocyte immunoglobulin (Rabbit)	25mg injection	Restricted: Cardiology & Haematology consultants only	Hospital only
Basiliximab	20mg injection	High Cost Drug	Hospital only

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Ciclosporin	50mg in 1ml & 250mg in 5ml injection <b>Neoral®:</b> 10mg, 25mg, 50mg & 100mg capsules; 100mg in 1ml oral solution <b>Capimune®:</b> 25mg, 50mg and 100mg capsule	Prescribe oral ciclosporin by brand	Suitable for continuation by primary care
Rapamune® containing: Sirolimus	1mg tablet & 1mg/mL Solution		Suitable for continuation by primary care

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			NHS Foundation Trust
Tacrolimus	500microgram, 1mg, 3mg & 5mg MR capsules (Advagraf®); 500microgram, 1mg & 5mg capsules (Prograf®); 500microgram, 1mg & 5mg capsules (Adoport ®) 5mg in 1ml injection	Restricted: Renal consultants only	Suitable for continuation by primary care
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8.2.3 Anti-lympho	cyte monoclonal a	antibodies	
Alemtuzumab	30mg in 1ml	High Cost Drug	Hospital only
	injection		
	10	Indicated for adult patients with active	
	12mg in 1.2ml	relapsing-remitting	
	Injection	MS defined by clinical	
		(two relapses in two	
		years) or radiological	
		criteria according to	
		NICE TA 312.	
		Indicated for use as	
		part of conditioning	
		regime in allogenic bone marrow	
		transplantation	
		lanoplanation	
		Restricted:	
		MS Specialist	
		Consultant	
		Neurologists and	
		Haematology	
		Consultants and	
		Registrars	
Rituximab	100mg in 10ml &	High Cost Drug	Hospital only
	500mg in 50ml injection		
8 2 4 Other immu	nomodulating drug	l Is	
Aldesleukin	18million unit	Restricted:	Hospital only
	injection	Oncology Consultant	
	•	and Registrars only	
Cladribine	10mg Tablets and	Restricted:	Hospital Only
	10mg in 5ml	Tablets restricted to	The patient's GP will be informed that
	Injection	MS Specialist Consultant	Cladribine oral therapy has been started.
		Neurologists	The patient will also receive a copy of the
			letter.
		Injections restricted to	
		Haematology Consultant and	
		Registrars only	
		Trogistials only	1

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			NHS Foundation Trust
Dimethyl Fumarate	120mg & 240mg capsules	<b>Restricted:</b> For use by Neurologists with sub- specialist interest in MS according to local protocol and NICE TA320 for the treatment of active relapsing remitting multiple sclerosis (RRMS), normally defined as patients who have had 2 clinically significant relapses in the past 2	Hospital only
Fingolimod	0.5mg capsule	years <b>Restricted:</b> For use by Neurologists with sub- specialist interest in MS (Dr David Barnes, Dr Camilla Bain, Dr Damian Wren) according to local protocol and NICE TA254for the treatment of highly active relapsing- remitting multiple sclerosis in adults if they have an unchanged or increased relapse rate or ongoing severe relapses compared with the previous year despite treatment with Beta interferon	Hospital only
Glatiramer Acetate	40mg/mL solution for injection	Restricted: For use by Neurologists with sub- specialist interest in MS for the treatment of relapsing forms of multiple sclerosis	Hospital only

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			NHS Foundation Trust
Interferon alfa	IntronA <sup>®</sup> : 3megaunit, 5megaunit & 10megaunit injection Viraferon <sup>®</sup> : 18million unit multidose pen	High Cost Drug Prescribe by strength and brand	Hospital only
Interferon beta-1a	Avonex <sup>®</sup> : 30micrograms/0.5ml Pre-Filled Pen (via Homecare) Rebif <sup>®</sup> : 22micrograms and 44micrograms Solution for Injection Pre-Filled Pen (via Homecare)	High Cost Drug <b>Restricted</b> : For use by Neurologists with sub- specialist interest in MS for the treatment of relapsing forms of multiple sclerosis	Hospital only
Interferon beta-1b	Betaferon <sup>®</sup> : 300 micrograms injection Extavia®: 250 microgram/ml subcutaneous injection	<b>Restricted</b> : Consultant neurologists and independent prescribers with an appropriate scope of practice	
Lenalidomide	5mg, 7.5mg, 10mg, 15mg, 20mg & 25mg capsules	Restricted: Haematology Consultant and Registrars only (NICE TA695)	Hospital only
Natalizumab	150mg & 300mg injection	High Cost Drug	Hospital only

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			NHS Foundation Trust
Ocrelizumab	300mg Infusion	Ocrelizumab for treating relapsing- remitting multiple sclerosis	` Hospital only
		<b>Restricted:</b> For prescription by neurology consultants with a subspecialty interest in multiple sclerosis only	
		And	
		Early primary progressive (PP) multiple sclerosis (MS) with imaging features characteristic of inflammatory activity	
Ofatumumab (Kesimpta <sup>®</sup> )	20mg solution for injection in pre-filled pen	Restricted: For use by Neurologists with sub- specialist interest in MS for the treatment of relapsing forms of multiple sclerosis (NICE TA698)	Hospital only
Zolgensma® consisting of Onasemnogene Abeparvovec	2 x 10 <sup>13</sup> vector genomes/mL solution for infusion	For the treatment of patients with spinal muscular atrophy (SMA).	Hospital only
		(HST15)	
		<b>Restricted:</b> For use by paediatric consultants with specialism in SMA.	
Peginterferon Beta- 1a	63, 94, and 125 micrograms solution for injection	Restricted: For use by Neurologists with sub- specialist interest in MS as a first line disease modifying	Hospital only
	125 micrograms Intramuscular	treatment for relapsing remitting multiple sclerosis (RRMS) in adults aged 18 or over	

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Siponimod (Mayzent®)	0.25mg & 2mg tablets	Restricted: Consultant neurologists with interest in Multiple Sclerosis and independent prescribers with appropriate scope of practice (NICE TA 656)	Hospital only
Teriflunomide	14mg tablets	For the treatment of active relapsing- remitting multiple sclerosis (RRMS) as a first-line agent, in addition to the beta interferons and glatiramer acetate. <b>Restricted:</b> For prescription by neurology consultants with a subspecialty interest in multiple sclerosis only High Cost Drug	Hospital only
Thalidomide	50mg capsule	Restricted: Haematology Consultant and Registrars only	Hospital only

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8.3 Sex hormones and hormone antagonists in malignant disease           Restrictions and/or				
Formulary Item	Strength / Form	Advice	Arrangements for Shared Care	
8.3.1 Oestrogens				
Diethylstilbestrol (Stilboestrol)	1mg tablet		Suitable for initiation and continuation by primary care	
Ethinylestradiol (Ethinyloestradiol)	10microgram tablet		Suitable for initiation and continuation by primary care	
8.3.2 Progestogen	IS			
Medroxyprogesterone acetate	5mg, 10mg, 100mg & 400mg tablets.		Suitable for initiation and continuation by primary care	
	150mg in 1ml injection & 104mg in 0.65ml suspension for injection			
Megestrol acetate	160mg tablet		Suitable for initiation and continuation by primary care	
Norethisterone	5mg tablet		Suitable for initiation and continuation by primary care	
8.3.4 Hormone and	tagonists			
8.3.4.1 Breast can	cer			
Anastrozole	1mg tablet		Suitable for initiation and continuation by primary care	
Exemestane	25mg tablet		Suitable for initiation and continuation by primary care	
Fulvestrant	250mg/5mL prefilled syringe	Restricted: Oncology consultant and Registrars only	Hospital only	
Letrozole	2.5mg tablets		Suitable for initiation and continuation by primary care	
Tamoxifen	10mg & 20mg tablet		Suitable for initiation and continuation by primary care	
8.3.4.2 Prostate ca	ancer and gonado	orelin analogues		
Abiraterone acetate	500mg tablets	Restricted Use: Oncology Consultant and Registars	Hospital Only	
Apalutamide	60mg Tablets	Restricted: Medical Oncology Consultants and Registrars	Hospital only	
Bicalutamide	50mg tablet		Suitable for initiation and continuation by primary care	
Cyproterone acetate	50mg & 100mg tablets		Suitable for initiation and continuation by primary care	

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			NHS Foundation Trust
Degarelix	120mg vial	<ul> <li>For use by the Urology Care Group according to local protocol for first-line hormonal therapy in prostate cancer for new patients:</li> <li>Who present with emergency life threatening prostate cancer such as spinal cord compression, acute renal failure due to ureteric or bladder outlet obstruction</li> <li>Who need a rapid drop in testosterone such as bony metastases with disabling and severe pain</li> <li>Where LHRH agonists are contra-indicated such as patient with liver dysfunction or bone disease</li> <li>Who are allergic / cannot use anti- androgens to suppress the testosterone surge associated with LHRH agonist use</li> <li>Who are at risk of tumour flare</li> </ul>	Suitable for continuation by primary care
Enzalutamide	40mg Capsule	Restricted Use: Oncology Consultant and Registrars only	Hospital Only
Flutamide	250mg tablet	(NICE TA712)	Suitable for initiation and continuation by primary care

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Leuprorelin 3.75mg & 11.25mg injection Suitable for continuation by primary of the second sec	care

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8.3.4.3 Somatosta	tin analogues		
Lanreotide	60mg, 90mg and	Restricted:	Hospital only
	120mg Solution for	Endocrinology and	
	injection in a	Oncology only	
	prefilled syringe		
	p. ee. e. j	For the treatment of	
		patients with:	
		• Grade 1 and	
		a subset of grade 2	
		(Ki67 index up to	
		10%)	
		,	
		gastroenteropancre	
		atic neuroendocrine	
		tumours of midgut,	
		pancreatic or	
		unknown origin	
		where hindgut sites	
		of origin have been	
		excluded, in adult	
		patients with	
		unresectable locally	
		advanced or	
		metastatic disease	
		<ul> <li>Symptoms</li> </ul>	
		associated with	
		neuroendocrine	
		tumours, particularly	
		carcinoid tumours	
		Acromegaly	
		when circulating	
		levels of growth	
		hormone and/or	
		insulin-like growth	
		factor-I remain	
		abnormal after	
		surgery and/or	
		radiotherapy, or in	
		patients who	
		otherwise require	
		medical treatment	
Octreotide	100microgram	High Cost Drug	Suitable for continuation by primary care
	injection; 10mg,		called of continued of by printing out
	20mg, & 30mg		
	depot injection		

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			1
Pegvisomant	10mg, 15mg, 20mg, 25mg, 30mg injection	For the 3 <sup>rd</sup> line treatment of Acromegaly in accordance with NHS England policy, including selection criteria, monitoring, stopping and reporting criteria	Hospital only
8.3.4.4 Pituitary a	nd hypothalamic I	hormones and ana	loques
Degarelix	80mg Subcutaneous Injection	Restricted: Urology Locally Advanced or metastatic prostate cancer (NICE TA404)	Hospital Only
Miscellaneous			
Afatinib	20mg, 30mg, 40mg, & 50mg Tablets	Restricted: Oncology Consultant and Registrars only	Hospital only
Pegylated L- asparaginase (Oncaspar <sup>®</sup> )	3750 units in 5ml Injection	Treatment of Acute Lymphoblastic Leukaemia (ALL) in children and young adults <b>Restricted</b> to Oncology and Haematology	Hospital only

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Chapter 9: Nutrition and Blood			
9.1 Anaemias	and some other	blood disorders	S
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
9.1.1 Iron-deficie	ncy anaemias		
9.1.1.1 Oral iron			
Ferrous sulphate	200mg (65mg iron) tablet		Suitable for initiation and continuation by primary care
Ferrous fumarate	210mg (68mg iron) tablet; 140mg in 5ml (45mg iron in 5ml) syrup		Suitable for initiation and continuation by primary care
Ferrous fumarate with folic acid	Pregaday <sup>®</sup> tablets (100mg iron+350micrograms folic acid)		Suitable for initiation and continuation by primary care
Ferrous gluconate	300mg (35mg iron) tablet		Suitable for initiation and continuation by primary care

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Sodium feredetate         190mg (27.5mg iron) in 5ml elixir         Suitable for initiation and cont primary care           Sodium feredetate         190mg (27.5mg iron) in 5ml elixir         Suitable for initiation and cont primary care	tinuation by
iron) in 5ml elixir primary care	

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9.1.1.2 Parenteral	liron		
Ferric carboxymaltose (Ferinject®)	50mg/ml 2ml vial & 10ml vial injection	Restricted: Haematology, Gynaecology, Renal and Gastroenterology patients only Heart Failure Team	Hospital only
		(Cardiology) or if prescriber has a knowledge of heart failure	
		Iron replacement in symptomatic patients with Heart Failure and Reduced Ejection Fraction (HFrEF) and iron deficiency in order to alleviate HF symptoms.	
Iron isomaltoside (Monofer®)	100 mg/mL solution for injection/infusion	Iron isomaltoside for treatment of pre- operative iron deficiency <b>Restricted:</b> Consultant Haematologist	Hospital Only
Iron sucrose	100mg in 5ml injection (Venofer <sup>®</sup> )	Ŭ	Hospital only
9.1.2 Drugs used	in megaloblastic a	anaemias	
Hydroxocobalamin	1mg in 1ml injection		Suitable for initiation and continuation by primary care
Folic acid	400microgram & 5mg tablets; 2.5mg in 5ml solution; 15mg in 1ml injection [Unlicensed]		Suitable for initiation and continuation by primary care

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9.1.3 Drugs used	d in hypoplastic, h	aemolytic and re	nal anaemias
Darbepoetin alfa	10microgram,	High Cost Drug	Hospital only
	20microgram,		
	30microgram,		
	40microgram,		
	50microgram,		
	60microgram,		
	80micrograms,		
	100microgram &		
	130microgram		
	injections		
	(Aranesp <sup>®</sup> )		
Deferasirox	125mg, 250mg, &	High Cost Drug	Hospital only
	500mg tablets		
Desferrioxamine	500mg & 2g	High Cost Drug	Hospital only
mesilate	injections		
Epoetin alfa	1000units,	High Cost Drug	Hospital only
	2000units,		
	3000units,		
	4000units,		
	5000units,		
	6000units,		
	40,000units,		
	10,000units		
	injections		
	(Eprex <sup>®</sup> )		
Epoetin beta	2,000units,	High Cost Drug	Hospital only
	3,000units,		
	4,000units,		
	5,000units,		
	6,000units, &		
	10,000units		
	injections		
	(NeoRecormon <sup>®</sup> )		
Hydroxycarbamide	500mg capsule;		Suitable for initiation and continuation by
(Hydroxyurea)	100mg in 1ml		primary care
	suspension		

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Methoxy polyethylene glycol- epoetin beta	30microgram in 0.3ml, 50microgram in 0.3ml, 75microgram in 0.3ml, 100microgram in 0.3ml, 120microgram in 0.3ml, 200microgram in 0.3ml &250microgram in 0.3ml injections (Mircera®)	High Cost Drug <b>Restricted</b> : Renal Unit only	Hospital only
Ravulizumab (Ultomiris®)	1,100mg/11ml, 300mg/3ml & 300mg/30ml intravenous infusion	Restricted: Consultant Haematologist (NICE TA698)	Hospital only
Anagrelide	500microgram capsule	Restricted: Consultant Haematologists only	Hospital only
Avatrombopag	20mg tablets	Restricted: Hepatology Consultants	Hospital only

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	•		
Eltrombopag	25mg & 50mg tablet	Restricted: Consultant Haematologists only For the treatment of splenectomised adult patients with immune (idiopathic) thrombocytopenic purpura (ITP) who are refractory to other treatments (e.g. corticosteroids, immunoglobulins). Eltrombopag may be considered as second line treatment for adult non-splenectomised patients where surgery is not indicated	Hospital only
		High Cost Drug	
Lusutrombopag	3mg tablet	Restricted: Hepatology Consultants	Hospital only

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Romiplostim	125 microgram injection 250 microgram injection	Restricted: Consultant Haematologists only For the treatment of adults with chronic immune (idiopathic) thrombocytopenic purpura whose condition is refractory to standard treatments and rescue therapies or who have severe disease and a high risk of bleeding that needs frequent courses of rescue therapies in accordance with NICE. High Cost Drug	Hospital only
9.1.5 G6PD defici	iency	I	
9.1.6 Drugs used			
Lenograstim	13.4million-units (105micrograms) & 33.6million-units (263micrograms) injections	Restricted: Consultant Haematologists only High Cost Drug	Hospital only
Pegfilgrastim	6mg subcutaneous injection	Restricted: Haematology and Oncology consultant or SpR only Approved on an interim basis until March 2021, in accordance with NICE interim Covid- 19 guidance.	Hospital Only

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9.1.7 Drugs used	9.1.7 Drugs used to mobilise stem cells			
Defibrotide	80mg/mL	Restricted:	Hospital only	
	concentrate for	Paediatric Oncology		
	solution for infusion	and Adult		
		Haematology		
		patients post stem		
		cell transplant for		
		the treatment of		
		veno-occlusive		
		disease (VOD).		
Plerixafor	24mg in 1.2ml	Haematology Bone	Hospital only	
	injection	Marrow		
		Transplantation		
		Team for the		
		mobilisation of		
		haematopoetic stem		
		cells for peripheral		
		blood stem cell		
		harvest to support		
		high dose		
		chemotherapy/autol		
		ogous stem cell		
		transplantation.		

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9.2 Metabolic disorders			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
9.2.7 Hypophosp	hatasia		
Asfotase Alfa	Strensiq <sup>®</sup> 40 mg/ml solution for injection - 18mg, 28mg, 40mg vials Strensiq <sup>®</sup> 100 mg/ml solution for injection - 80mg vial	Rheumatology – Paediatric-onset hypophosphatasia <b>NICE HST6</b>	Hospital Only –Available via Homecare

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9.6 Minerals			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
9.5.1 Calcium and		_	
Cacit® containing: Calcium carbonate	500mg effervescent tablet	Neonates and paediatric patients requiring oral calcium supplementation where a soluble dosage form is appropriate.	Suitable for initiation and continuation by primary care
Calvive 1000 (Formerly known as Sanodocal)	1G (25mmols Calcium) Effervescent Tablets		Suitable for initiation and continuation by primary care
Cinacalcet	30mg, 60mg & 90mg Tablets	Restricted: Renal and Endocrinology.	Hospital Only
Etelcalcetide (Parsabiv®)	2.5mg in 0.5ml solution for injection 5mg in 1ml solution for injection 10mg in 2ml solution for injection	For the treatment of secondary hyperparathyroidism in adults with chronic kidney disease on haemodialysis where a calcimimetic is indicated but cinacalcet is not suitable because of lack of patient adherence to oral treatment sufficient to suppress PTH levels. <b>NICE TA 448</b> <b>Restriction:</b> For prescription by renal consultants only	Hospital Only

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9.5.2 Phosphate			
Lanthanum carbonate hydrate	500mg, 750mg & 1g chewable tablets and 750mg and 1g oral powder sachets	For the management of hyperphosphatemia in CKD (stages 4 or 5) <b>Restriction:</b> Nephrology only	Hospital Only

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Sevelamer       800mg tablet       Sevelamer is indicated for the control of hyperphosphataemi a in adult patients receiving haemodalysis or peritoneal dialysis.       Hospital Only         Sevelamer is also indicated for the control of hyperphosphataemi a in adult patients receiving thaemodalysis or peritoneal dialysis.       Sevelamer is also indicated for the control of hyperphosphataemi a in adult patients areceiving thaemodalysis or peritoneal dialysis.       Respital Only         Respital Only       Sevelamer is also indicated for the control of hyperphosphataemi a in adult patients with chronic kidney disease not on dialysis with serum phosphorus ≥ 1.78 mmol/.       Respital Only         Respital Only       Respital Only       Sevelamer is also indicated for the control of hyperphosphataemi a in adult patients molding is with chronic kidney disease not on dialysis with serum phosphorus ≥ 1.78 mmol/.       Respital Only         Respital Only       Sevelamer is also indicated for the control of hyperphosphataemi a in adult patients mol/.       Respital Only         Respital Only       Respital Only       Respital Only       Respital Only         Idialysis With Serum Phosphorus ≥ 1.78 mmol/.       Respital Only       Respital Only         Sevelamer (Idial Phosphorus ≥ 1.78 mmol/.       Respital Only       Idialysis (Idial Phosphorus ≥ 1.78 mmol/.         Idialysis With Serum (Idial Phosphorus ≥ 1.78 mmol/.       Idial Phosphorus ≥ 1.78 mmol/.       Idial Phosphorus ≥ 1.78 mmol/.         Idialysis With Serum (Idial Phosphorus ≥ 1.78 mmol/.       Idial Ph

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9.5.3 Hyperkalaemia			
Patiromer calcium	8.4 gram,	Restricted:	Hospital only
(Veltassa®)	16.8 gram and	For use in renal,	
	25.2g oral powder	cardiac, emergency	
	sachets	department and	
		critical care.	
		When used in	
		emergency life-	
		threatening	
		hyperkalaemia its	
		use should be	
		discussed with a	
		renal, ED or ICU	
		registrar or consultant.	
		consultant.	
		When used for	
		chronic	
		hyperkalaemia	
		initiation should be	
		restricted to	
		specialised renal	
		clinics, renal-heart	
		failure clinic or after	
		appropriate MDT	
		discussion.	
		Maintenance	
		therapy may	
		incorporate a	
		pathway governed	
		by a shared care	
		agreement with the	
		patients' General	
		Practitioner. Until a shared care	
		agreement can be	
		reached the	
		responsibility for	
		prescribing and	
		monitoring will	
		remain with	
		secondary care.	
		(NICE TA623)	
		(NICE TA023)	

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Cyclosilicate O	5g and 10g Oral Powder Sachets	<b>Restricted:</b> Renal, Heart Failure, Emergency Department and Critical Care Teams and/or under the direct recommendations of these teams.	Hospital only
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9.6 Vitamins			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
9.6.4 Vitamin D			
Adcal D3® (consisting of colecalciferol with calcium)	Calcium carbonate 750mg + colecalciferol 5micrograms caplets	For duration of osteoporosis treatment/prophylaxi s Use caplets when there is a risk of dental caries	Suitable for initiation and continuation by primary care
	Calcium carbonate 1.5g + colecalciferol 10micrograms chewable tablets Calcium carbonate 1.5g + colecalciferol 10micrograms effervescent tablets		

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Colecalciferol	800unit tablets	For the management of	Suitable for initiation and continuation by primary care
	800unit capsules	vitamin D deficiency	
	3200unit capsules		
	20,000unit capsules		
	3000units/ml oral solution		
	25,000units/mL oral solution		
	50,000units/mL oral solution		
	1000units/ml Oral Solution 30ml bottle (25 micrograms/ml)	For Paediatric and NeoNatal Patients only	
	300,000units in 1ml injection (Unlicensed, Intramuscular route)		
9.6.5 Vitamin E			<u>L</u>
Tocopheryl Acetate	500mg/5ml liquid	Restricted: Woman's and Children - neonatal and paediatric use only	Suitable for continuation by primary care, as per recommendation by Kings College liver unit
9.6.6 Vitamin B			
Pyridoxine	10mg & 50mg Tablets		Suitable for continuation by primary care
Micellaneous	I	I	-
Polycal®	Liquid	For Oral Glucose Tolerance Testing (OGTT) in paediatrics	Hospital Only
Proprems®	Probiotic Sachets	Restricted: Neonatal Unit	Hospital only

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Rapilose®	75g anhydrous glucose in 300ml solution	Restriction: Endocrine Investigation Unit – For Oral Glucose Tolerance Testing (OGTT) in Adults Only	Hospital Only
Renavit®	Tablet	Renal patients on dialysis (mainly haemodialysis and peritoneal dialysis) with an increased tendency to loose water soluble vitamins	Suitable for initiation and continuation by primary care

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9.9 Miscellaneous			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Aprotinin (Unlicensed)	100,000 units in 5ml Injection	Restricted use: Cardiac Surgery	Hospital only
Sucrose (Sweet-Ease <sup>®</sup> )	24% oral solution	Management of procedural pain in neonates and infants (birth to three months). Analgesic Effect.	Hospital only

Restricted: Neonatal & Paediatrics

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#### **Chapter 10: Musculoskeletal and Joint Diseases**

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

Chapter 11: Eye				
11.3 Anti-Infec	11.3 Anti-Infective Eye Preparations			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
11.3.1 Antibacter	rials			
11.3.1 Antibacter Amikacin	rials 2% eye drops; 500mg in 2ml preservative free injection	Restricted: Moorfields Eye Hospital only Intravitreal injection 0.4mg in 0.1ml 1. Take 2ml from a vial of preservative- free amikacin 250mg/ml (contains sodium citrate and bisulphite) 2. Make up to 10ml with normal saline = 50mg/ml 3. Discard 9 ml and make up remaining ml to	Suitable for continuation by primary care Injection = Hospital only	
		12.5ml with normal saline = 4mg/ml		
		4. 0.1 ml of this solution = 0.4mg		

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Ceftazidime	5% preservative free eye drops; 1g injection	Restricted: Moorfields Eye Hospital only Intravitreal	Suitable for continuation by primary care Injection = Hospital only
		<ul> <li>injection 2mg in 0.1ml</li> <li>Reconstitute a 1g ceftazidime vial with 8ml of normal saline</li> <li>Withdraw entire contents and make up to 10ml with normal saline = 100mg/ml</li> <li>Inject 2ml back into the vial and add 8ml of normal saline = 20mg/ml</li> <li>0.1ml of this solution = 2mg</li> </ul>	
Cefuroxime	5% preservative free eye drops	Restricted: Moorfields Eye Hospital only	Suitable for continuation by primary care
Chloramphenicol	0.5% preservative free eye drops; 0.5% eye drops; 1% eye ointment		Suitable for initiation and continuation by primary care
Chlorhexidine digluconate	0.02% eye drops	Restricted: Moorfields Eye Hospital only	Hospital only
Erythromycin	0.5% eye ointment	Restricted: Moorfields Eye Hospital only	Suitable for continuation by primary care
Fusidic acid	1% viscous eye drops		Suitable for initiation and continuation by primary care

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Gentamicin	0.3% & 1.5% preservative free eye drops; 0.3% & 1.5% eye drops; 80mg in 2ml preservative free injection	Intravitreal injection 0.2mg in 0.1ml 1. Take 0.5ml from an ampoule/vial of preservative- free gentamicin 40mg/ml (contains disodium edetate and sodium metabisulphite) 2. Make up to 10ml with pormal saling in	Suitable for initiation and continuation by primary care Injection = Hospital only
Hexamidine	0.1% eye drops	normal saline in a syringe = 2mg/ml 3. 0.1ml of this solution = 0.2mg <b>Restricted</b> : Moorfields Eye Hospital only	Hospital only
Levofloxacin	0.5% preservative free eye drops; 0.5% eye drops		Suitable for initiation and continuation by primary care
Mitomycin	0.02% preservative free eye drops	<b>Restricted</b> : Moorfields Eye Hospital only	Hospital only
Moxifloxacin	0.5% eye drops	Restricted: Moorfields Eye Hospital only	Suitable for initiation and continuation by primary care
Penicillin	0.3% eye drops	Restricted: Moorfields Eye Hospital only	Suitable for continuation by primary care
Polihexanide (Polyhexamethylene biguanide)	0.02% & 0.06% eye drops (PHMB)	Restricted: Moorfields Eye Hospital only	Hospital only
Povidone iodine	5% preservative free eye drops	Restricted: Moorfields Eye Hospital only	Hospital only
Propamidine isetionate	0.1% eye drops	Restricted: Moorfields Eye Hospital only	Hospital only

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Vancomycin	5% eye drops; 500mg injection	Restricted: Moorfields Eye Hospital only	Hospital only Injection = Hospital only
11 3 2 Antifungal		<ul> <li>Intravitreal injection</li> <li>2mg in 0.1ml</li> <li>1. Reconstitute a 500mg vial with 8ml of normal saline</li> <li>2. Withdraw entire contents and make up to 10ml with normal saline = 50mg/ml</li> <li>3. Inject 2ml back into the vial and add 3ml of normal saline = 20mg/ml</li> <li>4. 0.1ml of this solution = 2mg</li> </ul>	
11.3.2 Antifungal		Destricted	
Amphotericin	0.15% eye drops; 50mg injection (Fungizone®)	Restricted: Moorfields Eye Hospital only Intravitreal injection 0.005mg in 0.1ml 1. Reconstitute a 50mg vial with 10ml of water for injections 2. Withdraw 1ml and make up to 10ml with water for injections = 0.5mg/ml; Discard 9ml 3. Make up remaining 1ml of this to 10ml in dextrose 5% = 0.05mg/ml 4. 0.1ml of this solution = 0.005mg	Suitable for continuation by primary care Injection = Hospital only
Natamycin	5% eye drops	Restricted: Moorfields Eye Hospital only	Suitable for continuation by primary care

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Voriconazole	1% eye drops; 200mg injection	Restricted: Moorfields Eye Hospital only Intravitreal injection 0.05mg in 0.1ml 1. Reconstitute a 200mg vial with 19ml of water for injections 2. Withdraw 1ml and make up to 20ml with water for injections = 0.5mg/ml 3. 0.1ml of this solution = 0.05mg	Hospital only
11.3.3 Antivirals			
Ganciclovir	0.15% ophthalmic gel		Suitable for continuation by primary care
Foscarnet	2.4mg in 0.1% intravitreal injection	Restricted: Moorfields Eye Hospital only	Hospital only
Triflurothymidine	1% preservative free eye drops; 1% eye drops	Restricted: Moorfields Eye Hospital only	Hospital only

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11.4 Corticosteriods and other anti-inflammatory preparations			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
11.4.1 Corticoste	roids		·
Betamethasone	0.1% eye ointment; 0.1% drops (for ear, eye, or nose)		Suitable for initiation and continuation by primary care
Betamethasone with neomycin (Betnesol- N <sup>®</sup> )	Betamethasone sodium phosphate 0.1% + Neomycin sulphate 0.5% drops (for ear, eye, or nose)		Suitable for initiation and continuation by primary care
Dexamethasone	0.1% preservative free eye drops; 0.1% eye drops		Suitable for initiation and continuation by primary care
Dexamethasone with antibacterials	Dexamethasone 0.1% + Neomycin 0.35% + Polymyxin B sulphate 0.06% eye drops & eye ointment (Maxitrol <sup>®</sup> )		Suitable for initiation and continuation by primary care
Fluorometholone	0.1% eye drops	Restricted: Moorfields Eye Hospital only	Suitable for initiation and continuation by primary care
Hydrocortisone	0.5%, 1% & 2.5% eye ointment		Suitable for initiation and continuation by primary care
Loteprednol etabonate	0.5% eye drops	<b>Restricted</b> : Moorfields Eye Hospital only	Suitable for initiation and continuation by primary care
Prednisolone	0.001%, 0.003%, 0.01%, 0.03%, 0.1% & 0.3% preservative free eye drops, 0.5% & 1%eye drops, 0.5% preservative free eye drops		Suitable for initiation and continuation by primary care
	inflammatory prep	parations	
Olopatadine	0.1% eye drops (Opatanol®)		Suitable for initiation and continuation by primary care
Sodium cromoglicate (sodium cromoglycate)	2% eye drops		Suitable for initiation and continuation by primary care

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11.5 Mydriatics and Cycloplegics			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
11.5.1 Antimusc	arinics and sympat	thomimetics	
Adrenaline	0.01% & 0.1%		Suitable for initiation and continuation by
(Epinephrine)	preservative free		primary care
Atropine sulphate	eye drops 0.5% & 1% eye drops & 1% Preservative- Free eye drops (single unit dose)		Suitable for initiation and continuation by primary care
Cyclopentolate hydrochloride	0.5% & 1% eye drops; 0.5% & 1% minims		Suitable for initiation and continuation by primary care
Homatropine hydrobromide	1% & 2% eye drops; 2% minims		Suitable for initiation and continuation by primary care
Hyoscine	0.5% eye drops		Suitable for initiation and continuation by primary care
Phenylephrine hydrochloride	2.5% & 5% eye drops; 2.5% & 10% minims		Suitable for initiation and continuation by primary care
Tropicamide	0.5% & 1% eye drops; 0.5% & 1% minims		Suitable for initiation and continuation by primary care

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11.6 Treatment of Glaucoma			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
11.6 Treatment o	f glaucoma		
Beta-blockers			
Betaxolol hydrochloride	0.5% eye drops; 0.25% ophthalmic suspension		Suitable for initiation and continuation by primary care
Carteolol	1% & 2% eye drops		Suitable for initiation and continuation by
hydrochloride			primary care
Levobunolol hydrochloride	0.5% eye drops; 0.5% preservative free eye drops		Suitable for initiation and continuation by primary care
Timolol maleate	0.25% eye drops; 0.25% & 0.5% preservative free eye drops; 0.25% & 0.5% gel-forming solution (Timoptol <sup>®</sup> - LA); 0.1% eye gel (Tiopex <sup>®</sup> )		Suitable for initiation and continuation by primary care
Prostaglandin an	alogues and pros	tamides	
Bimatoprost Bimatoprost with Timolol	0.01% & 0.03% eye drops (Lumigan®) Bimatoprost 300micrograms/ml +		Suitable for initiation and continuation by primary care Suitable for initiation and continuation by
	Timolol 5mg/ml eye drops (Ganfort®)		primary care
Latanoprost	50micrograms/ml eye drops (Xalatan <sup>®</sup> ) & 50micrograms/ml Preservative-Free eye drops (single unit dose)		Suitable for initiation and continuation by primary care
Latanoprost with Timolol	Latanoprost 50micrograms + Timolol 5mg/ml eye drops (Xalacom®)		Suitable for initiation and continuation by primary care
Tafluprost	15micrograms/ml unit dose eye drops (Saflutan <sup>®</sup> )		Suitable for initiation and continuation by primary care
Travoprost	40micrograms/ml eye drops (Travatan <sup>®</sup> )		Suitable for initiation and continuation by primary care

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Travoprost with Timolol	Travoprost 40micrograms + Timolol 5mg/ml eye drops (DuoTrav <sup>®</sup> )	Suitable for initiation and continuation by primary care
Sympathomime	tics	
Brimonidine tartrate	0.2% eye drops	Suitable for initiation and continuation by primary care
Brimonidine with Timolol	Brimonidine 0.2% + Timolol 0.5% eye drops (Combigan <sup>®</sup> )	Suitable for initiation and continuation by primary care
Carbonic anhyd	rase inhibitors and system	ic drugs
Acetazolamide	250mg tablet; 250mg SR capsule; 500mg injection	Suitable for initiation and continuation by primary care Injection = Hospital only
Brinzolamide	10mg/ml eye drops (Azopt®)	Suitable for initiation and continuation by primary care
Brinzolamide with Timolol	Brinzolamide 10mg + Timolol 5mg/ml (Azarga <sup>®</sup> )	Suitable for initiation and continuation by primary care
Dorzolamide	2% eye drops & 2% Preservative Free eye drops ( <b>single unit dose</b> )	Suitable for initiation and continuation by primary care
Dorzolamide with Timolol	Dorzolamide 2% + Timolol 0.5% eye drops (Cosopt®); Dorzolamide 2% + Timolol 0.5% preservative free unit dose eye drops (Cosopt®)	Suitable for initiation and continuation by primary care
Miotics	· · · ·	
Pilocarpine	0.1%, 0.25%, 0.5%, 1%, 2%, 3%, 4%, 6% & 8% eye drops; 4% ophthalmic gel	Suitable for initiation and continuation by primary care

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11.7 Local Anaesthetics			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
11.7 Local anaes	thetics		
Lidocaine with Fluorescin	Lidocaine hydrochloride 4% + Fluorescein sodium 0.25% eye drops		Hospital only
Oxybuprocaine hydrochloride (Benoxinate hydrochloride)	0.4% eye drops		Hospital only
Proxymetacaine hydrochloride	0.5% eye drops		Hospital only
Proxymetacaine hydrochloride with Fluorescein	Proxymetacaine 0.5% + Fluorescein 0.25% eye drops		Hospital only
Tetracaine hydrochloride (amethocaine hydrochloride)	0.5% &1% minims eye drops		Hospital only

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11.8 Miscellan	eous Opthalmic	Preparations		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care	
	ency, ocular lubric	cants, and astring		
Acetylcysteine	5% (+ Hypromellose 0.35%) eye drops (Ilube <sup>®</sup> ); 5% & 10% preservative free eye drops		Suitable for initiation and continuation by primary care	
Carbomers (Polyacrylic acid)	0.2% liquid gel eye drops (Viscotears <sup>®</sup> )		Suitable for initiation and continuation by primary care	
Carmellose sodium	0.5% & 1% single use eye drops (Celluvisc <sup>®</sup> )		Suitable for initiation and continuation by primary care	
Ciclosporin	2% eye drops; 0.2% eye ointment [Unlicensed]		Suitable for continuation by primary care	
Hydroxypropyl guar	Systane <sup>®</sup> eye drops; Systane <sup>®</sup> single use eye drops		Suitable for initiation and continuation by primary care	
Hypromellose	0.3% eye drops (Tears Naturale <sup>®</sup> ); 0.3% preservative free single use eye drops		Suitable for initiation and continuation by primary care	
Polyvinyl alcohol	1.4% eye drops (Liquifilm Tears®)		Suitable for initiation and continuation by primary care	
Sodium chloride	0.9% eye drops;0.9% minims		Suitable for initiation and continuation by primary care	
Sodium hyaluronate	0.1% preservative free eye drops (Hylo-Tear®)		Suitable for initiation and continuation by primary care	
<b>Hylo Night<sup>®</sup></b> Eye Ointment Preservative Free	Retinol Palmitate With White Soft Paraffin, Light Liquid Paraffin, Liquid Paraffin And Wool Fat	5g pack	Suitable for initiation and continuation by primary care	
Xailin <sup>®</sup> Night Eye Ointment Preservative Free	Liquid Paraffin With White Soft Paraffin And Wool Alcohol	5g pack	Suitable for initiation and continuation by primary care	
	Subfoveal choroidal neovascularisation			
Bevacizumab	1.25mg in 0.05ml intravitreal injection	Restricted: Moorfields Eye Hospital only	Hospital only	
Ranibizumab	2.3mg in 0.23ml intravitreal injection	Restricted: Moorfields Eye Hospital only	Hospital only	

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Miscellaneous			
5-Flurouracil	Contact Moorfields	Restricted: Moorfields Eye Hospital only Cytotoxic Drug	Hospital only
Mitomycin C	Contact Moorfields	Restricted: Moorfields Eye Hospital only Cytotoxic Drug	Hospital only
Potassium ascorbate	10% preservative free eye drops	Restricted: Moorfields Eye Hospital only	Hospital only
Potassium citrate	6.5% eye drops	Restricted: Moorfields Eye Hospital only	Hospital only
Sodium citrate	10.11% preservative free eye drops	Restricted: Moorfields Eye Hospital only	Hospital only
Sodium chloride	5% preservative free eye drops; 5% eye ointment	Restricted: Moorfields Eye Hospital only Eye drops for corneal oedema; Eye ointment for recurrent corneal erosions	Hospital only

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Chapter 12: Ear, Nose and Oropharynx

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

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### Chapter 13: Skin

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

Chapter 14: Immunological Products and Vaccines			
14.4 Vaccines	and Antisera		
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Rotarix	1.5ml pre-filled syringes	For infants at 2 months and 3 months of age as per national immunisation schedule	Suitable for initiation and continuation by primary care

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15 Anaesthesia 15.1 General Anaesthesia			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Desflurane			Hospital Only

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Dexmedetomidine	200 micrograms/2ml, 400 micrograms/4ml, 10000 micrograms/10ml ampoules,	Restricted:To be initiated byICU ConsultantsRestricted topatients:1.With apparentdelirium (e.g.confusion, lack ofcooperation) onsedation hold onICU to supportweaning off sedationand extubation2.Who are difficult towean off theventilator, partly dueto behaviour andautonomicactivation, whowould otherwiserequire prolongedsedation and slowwean e.g. with atracheostomy.Dexmedetomidinewould supportextubation andsubsequenttreatment with non-invasive ventilationRestricted:Trained ConsultantAnaesthetists	Hospital Only

**Restricted to adult** 

patients for conscious sedation: Undergoing interventional radiological procedures

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			NHS Foundation Trust
Dexmedetomidine	200 micrograms/2ml, 400 micrograms/4ml, 10000 micrograms/10ml ampoules.	Restricted: Consultant Paediatric Anaesthetist Only. In theatres and radiology settings. Restricted to patients: 1. Paediatric patients are assessed at preoperative assessment to be suitable for sedation. 2. Paediatric patients require radiological imaging, and who will not tolerate the procedure awake. 3. Paediatric patients require deep sedation as an alternative to general anaesthesia. The use of sedation will reduce the risks associated with aerosol generating procedures and eliminate the need for PPE.	Hospital only
Thiopental	500mg Injection	Restricted: Neurology & Critical Care Settings	Hospital Only

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15.1.7 Antagonis	ts for central and r	espiratory depres	sion
Naloxone	400micrograms/mL Injection		
	2mg/2mL prefilled pen (Prenoxad®)	For supply to patients or their representative, by Drug Alcohol Liaison Team (DALT) Specialist nurses who have completed training for prevention of overdose in patients who misuse illicit opiates	To supply at discharge by Drug Alcohol Liaison Team (DALT)
Sugammadex	200mg in 2ml injection, 500mg in 5ml injection	To be used in theatres, day surgery and decontamination for the emergency rapid reversal of high dose rocuronium induced blockade, where rocuronium was used for modified rapid sequence induction. Ten ampoules each strength kept as stock in theatres. Cost absorbed by theatre budget on expiry.	Hospital Only

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15.2 Local anaesthesia			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
Articaine 4% with adrenaline (Septanest®)	40 mg/mL with 5 microgram/ml 2.2 mL catridge		Hospital only
Bupivacaine	5mg/ml injection (Marcain Heavy®)		Hospital Only
Bupivacaine and Adrenaline	Bupivacaine 0.25% with adrenaline 1:200,000 injection, bupivacaine 0.5% with adrenaline 1:200,000 injection		Hospital Only
Chloroprocaine Hydrochloride	10mg/ml solution for injection	Restricted: Day Surgery Unit	Hospital only
Levobupivicaine	2.5mg/ml injection, 5mg/ml injection, 1.25mg/ml infusion bag, 0.1% epidural bag with 5% fentanyl, 250mg bags, 0.1% levobupivacaine with 2% fentanyl, 250mg bags and 0.1% levobupivacaine with 2% fentanyl		Hospital only
Prilocaine Hydrochloride	1% Injection	Restricted: Theatres & ED (Resus) Settings Only	Hospital Only
Prilocaine Hydrochloride <b>(Prilotekal®)</b>	20mg/ml Injection	Restricted: Theatres	Hospital Only

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16 Imaging					
16.1 Contrast	16.1 Contrast media				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
Gadoteric acid (Dotarem®)	279.32mg/mL solution for injection (5mL, 10mL, 15mL, and 20mL vials)	Restricted to: Radiology Indicated in the detection of infection and mass lesions on T1 weighted imaging.	Hospital Only		
Gadobutrol (Gadovist®)	1mmol/ml for IV administration	Also used for contrast enhanced angiography Contrast agent for Cardiac MRI Scans (dose: 0.1mmol/Kg).	Hospital Only		
Gadoxetic acid (Primovist®)	1ml solution for injection contains 181.43mg gadoxetic acid, disodium, equivalent to 0.25 mmol Gd-EOB- DTPA disodium. Available in 10ml	Indicated for the detection of focal liver lesions and provision of information on the character of lesions on T-1 weighted magnetic resonance imaging	Hospital Only		
	prefilled syringe	Restricted to: Radiology			
Gastrografin	1 ml solution contains: 100 mg sodium amidotrizoate (sodium diatrizoate) and 660 mg meglumine amidotrizoate (meglumine diatrizoate).		Hospital Only		
Perflutren (Optison®)	perflutren- containing microspheres of heat treated human albumin, suspended in human albumin solution,1%	Indicated for use as part of investigative procedure for Dobutamine Stress Echo (DSE) of Transthoracic echocardiogram (TTE).	Hospital Only		
	0.19mg/ mL- Injection	Restricted to Cardiology	Data publichad: August 2022		

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SonoVue® containing Sulfur Hexafluoride25mg in 5ml Dry Powder InjectionRestrict Cardiol Radiolo	
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16.2 Prophylaxis in contrast media			
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care
N-acetyl cysteine	600mg capsule [unlicensed]	For use for 2 days before and after procedures as prophylaxis against contrast media renal insufficiency. Dose: 1.2g BD	Hospital Only

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16.3 Miscellan	16.3 Miscellaneous				
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
Formulary Item 5-Aminolevulinic acid hydrochloride (Gliolan®)	Strength / Form 30 mg/ml - oral solution		Arrangements for Shared Care Hospital Only		
		Metrosurgery consultants only: Mr Andrew Martin, Mr Simon Stapleton, Mr Henry Marsh, Mr Marius Papadopoulos.			

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#### 17 Emergency treatment of poisoning

Accessible via: South West London Formulary (swljointmedicinesformulary.nhs.uk).

### 18 COVID-19 pandemic

### Interim treatment changes at SGH during the COVID-19 pandemic.

Interim treatment changes at SGH during the COVID-19 pandemic

<u>NG161 Interim treatment change options during the COVID-19 pandemic, endorsed by NHS England</u> <u>New guideline for the management of suspected vaccine induced prothrombotic immune thrombocytopenia</u> <u>following COVID-19 vaccination</u>

Remdesivir	100mg powder for	Restricted:	Hospital only
<b>(Veklury®)</b>	injection	Critical Care	
Ronapreve® consisting of Casirivimab & Imdevimab	120mg/ml Solution for Injection or Infusion		

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5.3 Antimicrobial Dressings					
5.3.4 Other Antimicrobials					
Formulary Item	Strength / Form	Restrictions and/or Advice	Arrangements for Shared Care		
	-	1			
Prontoderm <sup>®</sup> and Prontosan <sup>®</sup> (Polyhexanide)	Prontoderm® Foam and Prontoderm® Gel Light (nasal preparation) supplied as a Prontoderm MRSA decontamination pack. Prontosan® Wound Irrigation Solution 350ml & 40ml (already in use in the trust - ordered through NHS supplies). <b>Prontoderm®</b> <b>Wound Gel</b> as per Meticillin-Resistant Staphylococcus Aureus (MRSA) Protocol	Restricted: On infection control recommendation only. To be used for patients with MRSA who are resistant to mupirocin and allergic to chlorhexidine and for decolonisation of minor wounds and sites with indwelling devices where mupirocin resistance is detected or the patient has a mupirocin allergy. The Prontoderm range is classed as cosmetics, and not medicines under a European license. It is indicated for "cleansing, care, moisture retention of skin and nose and MRSA decontamination".	Suitable for initiation and continuation by primary care		

Appendix 5 Wound management products and elasticated garments

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