## Milton Keynes Health Economy



Developed for the NHS by: East and South East England Specialist Pharmacy Services

This spreadsheet is updated monthly and enables self-audit of a medicines formulary for adherence to current NICE Technology Appraisals. Version 16. March 2017 All guidelines refer to adults unless indicated. No copyright is asserted on this material if used for non-commercial purposes within the NHS.

Technology appraisal (TA) Titles are hyperlinks to full guidance	Date of TA Release	Availability of medicine for NHS patients with this medical condition, as indicated by NICE	Adherence of local formulary to NICE						
2016/2017			<b>Yes</b> (mark 'x' if applicable)	<b>N/A</b> (mark 'x' if applicable)	Date of local decision (DD/MM/YY)	Time to implement (days)	<b>Notes</b> (e.g. rationale, method of making available)		
Alectinib for previously treated anaplastic lymphoma kinase- positive advanced non-small- cell lung cancer (terminated appraisal) (TA438)	29/03/2017	Alectinib - unable to make a recommendation about the use in the NHS of alectinib for anaplastic lymphoma kinase-positive advanced non-small-cell lung cancer previously treated with crizotinib because no evidence submission was received from Roche	x		24/04/2017	26	Terminated Appraisal by NICE		
Ibrutinib with bendamustine and rituximab for treating relapsed or refractory chronic lymphocytic leukaemia after systemic therapy (terminated appraisal) (TA437)	22/03/2017	Ibrutinib with bendamustine and rituximab - unable to make a recommendation about the use in the NHS of ibrutinib with bendamustine and rituximab for treating relapsed or refractory chronic lymphocytic leukaemia after systemic therapy because no evidence submission was received from Janssen-Cilag	x		24/04/2017	33	Terminated Appraisal by NICE		
Bevacizumab for treating EGFR mutation-positive non- small-cell lung cancer (terminated appraisal) (TA436)	22/03/2017	<b>Bevacizumab</b> - was unable to make a recommendation about the use in the NHS of bevacizumab for treating epidermal growth factor receptor mutation-positive non-small-cell lung cancer because no evidence submission was received from Roche	x		24/04/2017	33	Terminated Appraisal by NICE		
Tenofovir alafenamide for treating chronic hepatitis B (terminated appraisal) (TA435)	22/03/2017	Tenofovir alafenamide - unable to make a recommendation about the use in the NHS of tenofovir alafenamide for treating chronic hepatitis B because no evidence submission was received from Gilead	x		24/04/2017	33	Terminated Appraisal by NICE		
Elotuzumab for previously treated multiple myeloma (terminated appraisal) (TA434)	22/03/2017	Elotuzumab - unable to make a recommendation about the use in the NHS of because no evidence submission was received from Bristol–Myers Squibb.	x		24/04/2017	33	Terminated Appraisal by NICE		

<u>Apremilast for treating active</u> <u>psoriatic arthritis (TA433)</u>	22/02/2017	<b>Apremilast</b> , alone or in combination with disease-modifying antirheumatic drugs (DMARDs), is recommended as an option for treating active psoriatic arthritis in adults	x	22/03/2017	CCG commissioned. Patient access scheme applies. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements and CCG agreed criteria
Everolimus for advanced renal cell carcinoma after previous treatment (TA432)	22/02/2017	<b>Everolimus</b> is recommended within its marketing authorisation as an option for treating advanced renal cell carcinoma that has progressed during or after treatment with vascular endothelial growth factor targeted therapy, only if the company provides it with the discount agreed in the patient access scheme.	x	22/03/2017	NHSE commissioned. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements
Mepolizumab for treating severe refractory eosinophilic asthma (TA431)	25/01/2017	Mepolizumab, as an add-on to optimised standard therapy, is recommended as an option for treating severe refractory eosinophilic asthma in adults within set criteria.	x	22/03/2017	NHSE commissioned. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements
Sofosbuvir–velpatasvir for treating chronic hepatitis C (TA430)	25/01/2017	Sofosbuvir–velpatasvir is recommended as an option for treating chronic hepatitis C in adults, only if the company provides the drug with the discount agreed in the simple discount agreement.	x	22/03/2017	NHSE commissioned. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements
Ibrutinib for previously treated chronic lymphocytic leukaemia and untreated chronic lymphocytic leukaemia with 17p deletion or TP53 mutation (TA429)	25/01/2017	<b>Ibrutinib</b> alone is recommended within its marketing authorisation as an option for treating chronic lymphocytic leukaemia in adults	x	22/03/2017	NHSE commissioned. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements
Pembrolizumab for treating PD- L1-positive non-small-cell lung cancer after chemotherapy (TA428)	11/01/2017	<b>Pembrolizumab</b> is recommended as an option for treating locally advanced or metastatic PD-L1-positive non-small-cell lung cancer in adults who have had at least one chemotherapy (and targeted treatment if they have an epidermal growth factor receptor [EGFR]- or anaplastic lymphoma kinase [ALK]-positive tumour)	x	01/02/2017	NHSE commissioned. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements

Pomalidomide for multiple	11/01/2017	Pomalidomide, in combination with low-dose			01/02/2017	21	NHSE commissioned. Approved for addition to the formulary and to be used in line with
myeloma previously treated		dexamethasone, is recommended as an option					NICE guidance and commissioning statements
with lenalidomide and		for treating multiple myeloma in adults at third					
bortezomib (TA427)		or subsequent relapse; that is, after 3 previous					
		treatments including both lenalidomide and	х				
		bortezomib, only when the company provides					
		pomalidomide with the discount agreed in the					
		patient access scheme.					
Dasatinib, nilotinib and imatinib	21/12/2016	Imatinib is recommended as an option for			01/02/2017	۵2	NHSE commissioned. Patient access scheme applies. Approved for addition to the
for untreated chronic myeloid	, 12, 2010	untreated, chronic-phase Philadelphia-			01/02/2017		formulary and to be used in line with NICE guidance and commissioning statements
leukaemia (TA426)		chromosome-positive chronic myeloid					Tormalary and to be used in the with wee guidance and commissioning statements
		leukaemia in adults.					
			x				
		Dasatinib and nilotinib are recommended,					
		within their marketing authorisations, as options					
		for untreated chronic-phase Philadelphia-					
		chromosome-positive chronic myeloid					
Departinik, nilotinik and high	21/12/2016	leukaemia in adults			01/02/2017	12	
Dasatinib, nilotinib and high- dose imatinib for treating	21/12/2016	Dasatinib and nilotinib are recommended as			01/02/2017		NHSE commissioned. Patient access scheme applies. Approved for addition to the
imatinib-resistant or intolerant		options for treating only chronic- or accelerated-					formulary and to be used in line with NICE guidance and commissioning statements
chronic myeloid leukaemia		phase Philadelphia-chromosome-positive					
(TA425)		chronic myeloid leukaemia in adults, if:					
<u>(1A423)</u>		<ul> <li>they cannot have imatinib, or their disease is</li> </ul>					
		imatinib-resistant and					
		<ul> <li>the companies provide the drugs with the</li> </ul>					
		discounts agreed in the relevant patient access					
		schemes.	x				
		High-dose imatinib (that is, 600mg in the chronic					
		phase or 800mg in the accelerated and blast-					
		crisis phases) is not recommended for treating					
		Philadelphia-chromosome-positive chronic					
		myeloid leukaemia in adults whose disease is					
		imatinib-resistant.					
Pertuzumab for the	21/12/2016	Pertuzumab, in combination with trastuzumab			01/02/2017	42	NHSE commissioned. Patient access scheme applies.
neoadjuvant treatment of		and chemotherapy, is recommended, within its					
HER2-positive breast cancer		marketing authorisation, as an option for the					Approved for addition to the formulary and to be used in line with NICE guidance and
<u>(TA424)</u>		neoadjuvant treatment of adults with					commissioning statements.
		HER2-positive breast cancer, locally advanced,	х				
		inflammatory or early-stage breast cancer at					
		high risk of recurrence.					
		ingritisk of recurrence.					
	21/12/2016	Eribulin is recommended as an option for			01/02/2017		NHSE commissioned. Patient access scheme applies.
Eribulin for treating locally		treating locally advanced or metastatic breast					
Eribulin for treating locally advanced or metastatic breast				1			Approved for addition to the formulary and to be used in line with NICE guidance and
advanced or metastatic breast		<b>.</b>					
		cancer in adults, only when:					
advanced or metastatic breast cancer after 2 or more		cancer in adults, only when: •it has progressed after at least 2 chemotherapy	×				commissioning statements.
advanced or metastatic breast cancer after 2 or more chemotherapy regimens		cancer in adults, only when: •it has progressed after at least 2 chemotherapy regimens (which may include an anthracycline or	x				
advanced or metastatic breast cancer after 2 or more chemotherapy regimens		cancer in adults, only when: •it has progressed after at least 2 chemotherapy	x				

Crizotinib for previously treated anaplastic lymphoma kinase- positive advanced non-small- cell lung cancer (TA422) Everolimus with exemestane		<b>Crizotinib</b> is recommended, within its marketing authorisation, as an option for previously treated anaplastic lymphoma kinase-positive advanced non-small-cell lung cancer in adults.	x	01/02/2017		NHSE commissioned. Patient access scheme applies.
for treating advanced breast cancer after endocrine therapy (TA421)	21/12/2016	<b>Everolimus</b> , in combination with exemestane, is recommended within its marketing authorisation, as an option for treating advanced human epidermal growth factor receptor 2 (HER2)-negative, hormone-receptor-positive breast cancer in postmenopausal women without symptomatic visceral disease that has recurred or progressed after a non-steroidal aromatase inhibitor.	x	01/02/2017		NHSE commissioned. Patient access scheme applies. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements.
Ticagrelor for preventing atherothrombotic events after myocardial infarction (TA420)		Ticagrelor, in combination with aspirin, is recommended within its marketing authorisation as an option for preventing atherothrombotic events in adults who had a myocardial infarction and who are at high risk of a further event	x	01/02/2017	49	CCG commissioned. Treatment should be stopped when clinically indicated or at a maximum of 3 years.
<u>Apremilast for treating</u> moderate to severe plaque psoriasis (TA419)	23/11/2016	Apremilast is recommended as an option for treating chronic plaque psoriasis in adults whose disease has not responded to other systemic therapies, including ciclosporin, methotrexate and PUVA (psoralen and ultraviolet-A light), or when these treatments are contraindicated or not tolerated	x	01/02/2017		CCG commissioned. Patient access scheme applies. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements.
Dapagliflozin in triple therapy for treating type 2 diabetes (TA418)	23/11/2016	Dapagliflozin in a triple therapy regimen is recommended as an option for treating type 2 diabetes in adults, only in combination with metformin and a sulfonylurea.	x	01/02/2017		CCG commissioned. No significant resource impact anticipated, this is because the technology is an option alongside current standard treatment options and the drugs are similarly priced.
<u>Nivolumab for previously</u> treated advanced renal cell <u>carcinoma (TA417)</u>	23/11/2016	Nivolumab is recommended, within its marketing authorisation, as an option for previously treated advanced renal cell carcinoma in adults, when the company provides nivolumab with the discount agreed in the patient access scheme	x	01/02/2017	70	CCG commissioned. Patient access scheme applies.
Osimertinib for treating locally advanced or metastatic EGFR T790M mutation-positive non- small-cell lung cancer [TA416]	26/10/2016	Osimertinib is recommended as an option for use within the Cancer Drugs Fund for treating locally advanced or metastatic epidermal growth factor receptor (EGFR) T790M mutation-positive non-small-cell lung cancer in adults whose disease has progressed	x	30/11/2016		NHSE commissioned The resource impact of osimertinib will be covered by the Cancer Drugs Fund budget. The guidance will be reviewed by the date that the managed access agreement expires (March 2019) or when the results of the data collection as part of the managed access agreement are available, whichever is sooner. The aim of the CDF guidance review is to decide whether or not the drug can be recommended for routine use. Approved for addition to the formulary. Link the NICE TA commissioning statements.

Certolizumab pegol for treating rheumatoid arthritis after inadequate response to a TNF- alpha inhibitor [TA415]	26/10/2016	<b>Certolizumab pegol</b> , in combination with methotrexate, is recommended as an option for treating active rheumatoid arthritis in adults whose disease has responded inadequately to, or who cannot tolerate, other disease-modifying antirheumatic drugs (DMARDs) including at least 1 tumour necrosis factor-alpha (TNF-alpha) inhibitor. <b>Certolizumab pegol</b> , as monotherapy, is recommended as an option for treating active rheumatoid arthritis in adults whose disease has responded inadequately to, or who cannot tolerate, other DMARDs including at least 1 INE-alpha inhibitor.	x		30/11/2016		CCG commissioned. No significant cost impact anticipated because the technology is an option alongside current standard treatment options. The Department of Health and the company have agreed a patient access scheme, and the cost of treatment is anticipated to be similar to existing drugs. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements
Cobimetinib in combination with vemurafenib for treating unresectable or metastatic BRAF V600 mutation-positive melanoma [TA414]	26/10/2016	<b>Cobimetinib</b> in combination with vemurafenib is not recommended within its marketing authorisation for treating unresectable or metastatic melanoma in adults with a BRAF V600 mutation			30/11/2016	35	Not recommended
Elbasvir–grazoprevir for treating chronic hepatitis C [TA413]	26/10/2016	Elbasvir-grazoprevir is recommended, within its marketing authorisation, as an option for treating genotype 1 or 4 chronic hepatitis C in adults, as specified in the table in the guidance	x		30/11/2016		NHSE commissioned. Approved for addition to the formulary and to be used in line with NICE guidance and commissioning statements
Radium-223 dichloride for treating hormone-relapsed prostate cancer with bone metastases [TA412]	28/09/2016	Radium-223 dichloride is recommended as an option for treating hormone-relapsed prostate cancer, symptomatic bone metastases and no known visceral metastases in adults		x	30/11/2016	63	Not applicable
Necitumumab for untreated advanced or metastatic squamous non-small-cell lung cancer [TA411]	28/09/2016	Necitumumab, in combination with gemcitabine and cisplatin, is <u>not</u> recommended for adults with locally advanced or metastatic epidermal growth factor receptor (EGFR)-expressing squamous non-small-cell lung cancer that has not been treated with chemotherapy	x		30/11/2016	63	Not recommended
Talimogene laherparepvec for treating unresectable metastatic melanoma [TA410]	28/09/2016	Talimogene laherparepvec is recommended, in adults, as an option for treating unresectable, regionally or distantly metastatic (Stage IIIB, IIIC or IVM1a) melanoma that has not spread to bone, brain, lung or other internal organs	x		30/11/2016		NHSE commissioned. Patient Access Scheme applies. Only if treatment with systemically administered immunotherapies is not suitable
Aflibercept for treating visual impairment caused by macular oedema after branch retinal vein occlusion [TA409]	28/09/2016	Aflibercept is recommended as an option within its marketing authorisation for treating visual impairment in adults caused by macular oedema after branch retinal vein occlusion	x		30/11/2016	63	CCG commissioned. Patient Access Scheme applies.
Pegaspargase for treating acute lymphoblastic leukaemia [TA408]	28/09/2016	Pegaspargase, as part of antineoplastic combination therapy, is recommended as an option for treating acute lymphoblastic leukaemia in children, young people and adults	x		30/11/2016	63	NHSE commissioned. Only when they have untreated newly diagnosed disease.

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Secukinumab for active ankylosing	28/09/2016	Secukinumab is recommended as an option for	х	30/11/2016	63	CCG commissioned. Patient Access Scheme applies.
spondylitis after treatment with		treating active ankylosing spondylitis in adults				
non-steroidal anti-inflammatory		whose disease has responded inadequately to				
drugs or TNF-alpha inhibitors		conventional therapy (non-steroidal anti-				
[TA407]		inflammatory drugs or TNF-alpha inhibitors)				
1111071						
Crizotinib for untreated anaplastic	28/09/2016	Crizotinib is recommended as an option for	х	30/11/2016	63	NHSE commissioned. Patient Access Scheme applies.
lymphoma kinase-positive		untreated anaplastic lymphoma kinase-positive				
advanced non-small-cell lung		advanced non-small-cell lung cancer in adults.				
		advanced non-sman-centuring cancer in addits.				
cancer [TA406]						
Trifluridine–tipiracil for previously	24/08/2016	Trifluridine-tipiracil is recommended as an	x	28/09/2016	35	Approved for the addition to the formulary and to be used in line with NICE guiance and
treated metastatic colorectal	24/00/2010	option for treating metastatic colorectal cancer	X	20/03/2010	55	commissioning statements
cancer [TA405]						
Degarelix for treating advanced	24/08/2016	Degarelix is recommended as an option for	х	28/09/2016	25	Approved for the addition to the formulary and to be used in line with NICE guiance and
	24/08/2010		x	26/09/2010	55	
hormone-dependent prostate		treating advanced hormone-dependent prostate				commissioning statements and develop a compliance form
cancer [TA404]		cancer in people with spinal metastases				
	/					
Ramucirumab for previously	24/08/2016	Ramucirumab, in combination with docetaxel, is	х	28/09/2016	35	Not recommended
treated locally advanced or		not recommended for treating locally advanced				
metastatic non-small-cell lung		or metastatic non-small-cell lung cancer in adults				
cancer [TA403]		whose disease has progressed after platinum-				
		based chemotherapy				
Pemetrexed maintenance	24/08/2016	Pemetrexed is recommended as an option for	х	28/09/2016	35	Approved for the addition to the formulary and to be used in line with NICE guiance and
treatment for non-squamous non-		the maintenance treatment of locally advanced				commissioning statements
small-cell lung cancer after		or metastatic non-squamous non-small-cell				
pemetrexed and cisplatin [TA402]		lung cancer in adults.				
		- C				
Bosutinib for previously treated	24/08/2016	Bosutinib is recommended as an option for	x	28/09/2016	35	Approved for the addition to the formulary and to be used in line with NICE guiance and
chronic myeloid leukaemia		chronic, accelerated and blast phase				commissioning statements
[TA401]		Philadelphia chromosome positive chronic				
		myeloid leukaemia in adults				
Nivolumab in combination with	27/07/2016	Nivolumab in combination with ipilimumab is	х	28/09/2016	63	Only when the company provides ipilimumab with the discount agreed in the PAS.
ipilimumab for treating advanced		recommended as an option for treating				Agreed to add Nivolumab Injection and the NICE link to the formulary
melanoma [TA400]		advanced (unresectable or metastatic)				······
<u>metanonia (metoo)</u>		melanoma.				
Azacitidine for treating acute	27/07/2016	Azacitidine is not recommended for treating	х	28/09/2016	63	Not recommended
myeloid leukaemia with more	.,,_510	acute myeloid leukaemia with more than 30%		-,,10	00	
than 30% bone marrow blasts		bone marrow blasts in people of 65 years or				
[TA399]		older who are not eligible for haematopoietic				
[1A399]		stem cell transplant.				
Lumacaftor-ivacaftor for treating	27/07/2016	stem cell transplant. Lumacaftor–ivacaftor is not recommended for	х	28/09/2016	63	Not recommended
cystic fibrosis homozygous for the	27/07/2010	treating cystic fibrosis in people 12 years and	٨	20/03/2010	05	Notrecommented
F508del mutation [TA398]		older who are homozygous for the F508del				
		mutation in the cystic fibrosis transmembrane				
		conductance regulator (CFTR) gene.				
Polinyumah far traating active	22/06/2016			20/07/2010	20	NUSE Datiant Accors Schame applies
Belimumab for treating active	22/06/2016	Belimumab is recommended as an option as add-		30/07/2016	38	NHSE. Patient Access Scheme applies
autoantibody-positive systemic	22/06/2016	Belimumab is recommended as an option as add- on treatment for active autoantibody-positive	x	30/07/2016	38	NHSE. Patient Access Scheme applies
	22/06/2016	Belimumab is recommended as an option as add-	x	30/07/2016	38	NHSE. Patient Access Scheme applies

Trametinib in combination with dabrafenib for treating unresectable or metastatic melanoma [TA396]	22/06/2016	Trametinib in combination with dabrafenib is recommended as an option for treating unresectable or metastatic melanoma in adults with a BRAF V600 mutation	x	30/07/2016		NHSE. Patient Access Scheme applies
Ceritinib for previously treated anaplastic lymphoma kinase positive non-small-cell lung cancer [TA395]	22/06/2016	<b>Ceritinib</b> is recommended as an option for treating advanced anaplastic lymphoma kinase positive non-small-cell lung cancer in adults who have previously had crizotinib.	x	30/07/2016	38	NHSE. Patient Access Scheme applies
Evolocumab for treating primary hypercholesterolaemia and mixed dyslipidaemia [TA394]	22/06/2016	Evolocumab is recommended as an option for treating primary hypercholesterolaemia or mixed dyslipidaemia.	х	30/07/2016	38	CCG. Patient Access Scheme applies. Approved for the addition to the formulary and to be used only in accordance to an agreed pathway.
Alirocumab for treating primary hypercholesterolaemia and mixed dyslipidaemia [TA393]	22/06/2016	Alirocumab is recommended as an option for treating primary hypercholesterolaemia or mixed dyslipidaemia.	x	30/07/2016	38	CCG. Patient Access Scheme applies. Approved for the addition to the formulary and to be used only in accordance to an agreed pathway.
Adalimumab for treating moderate to severe hidradenitis suppurativa [TA392]	22/06/2016	Adalimumab is recommended as an option for treating active moderate to severe hidradenitis suppurativa in adults whose disease has not responded to conventional systemic therapy.	x	30/07/2016	38	CCG. Patient Access Scheme applies.
Cabazitaxel for hormone-relapsed metastatic prostate cancer treated with docetaxel [TA391]	25/05/2016	<b>Cabazitaxel</b> in combination with prednisone or prednisolone is recommended as an option for treating metastatic hormone-relapsed prostate cancer in people whose disease has progressed during or after docetaxel chemotherapy.	x	30/07/2016	66	NHSE
Canagliflozin, dapagliflozin and empagliflozin as monotherapies for treating type 2 diabetes [TA390]	25/05/2016	Canagliflozin, dapagliflozin and empagliflozin as monotherapies are recommended as options for treating type 2 diabetes in adults for whom metformin is contraindicated or not tolerated and when diet and exercise alone do not provide adequate glycaemic control.	x	30/07/2016	66	CCG. Only if: •a dipeptidyl peptidase-4 (DPP-4) inhibitor would otherwise be prescribed and •a sulfonylurea or pioglitazone is not appropriate.
Topotecan, pegylated liposomal doxorubicin hydrochloride, paclitaxel, trabectedin and gemcitabine for treating recurrent ovarian cancer [TA389]	26/04/2016	Paclitaxel as monotherapy or in combination with platinum, and pegylated liposomal doxorubicin hydrochloride (PLDH) as monotherapy or in combination with platinum, are recommended as options for treating recurrent ovarian cancer. Trabectedin in combination with PLDH, gemcitabine in combination with carboplatin, and topotecan are not recommended for treating the first recurrence of platinum-sensitive ovarian cancer. Topotecan is also not recommended for treating recurrent platinum-resistant or platinum-refractory ovarian cancer	X	25/05/2016	29	NHSE commissioned. Prescribing to follow east midlands cancer network protocols
Sacubitril valsartan for treating symptomatic chronic heart failure with reduced ejection fraction [TA388]	27/04/2016	Sacubitril valsartan is recommended as an option for treating symptomatic chronic heart failure with reduced ejection fraction.	x	25/05/2016	28	Early Access to Medicines Scheme recommended but not a legal requirement. To follow agreed pathway.

Abiraterone for treating	26/04/2016	Abiraterone in combination with prednisone or			25/05/2016	29	NHSE commissioned. Prescribing to follow east midlands cancer network protocols Add
metastatic hormone-relapsed		prednisolone is recommended as an option for					to the formulary (RED)
prostate cancer before		treating metastatic hormone-relapsed prostate	х				
chemotherapy is indicated		cancer.					
[TA387]							
				1			
			% "Yes"	% "N/A"	-	Average implement time (days)	
Adherence statistics for 2016-17			100%	1%		45	