NEWSLETTER: News from the HTA Agencies JULY 2021 SUMMARY

Agency	Drug Number	Drug Name
CADTH Evidence Driven.	4	Dinutuximab, durvalumab, encorafenib + binimetinib, encorafenib.
HAS	0	No new reports.
ICER	0	No new reports.
IQWiG	9	Avatrombopag, bedaquiline, carfilzomib, fostemsavir, Nivolumab, Pembrolizumab, Remdesivir, Sodium zirconium cyclosilicate, Upadacitinib
National Institute for Health and Care Excellence	6	Adalimumab + [etanercept] + [infliximab] + [abatacept], Enzalutamide, Ixekizumab, Nivolumab, Nivolumab + [Ipilimumab], Secukinumab
Scottish Medicines Consortium	5	Atezolizumab, Bempedoic acid, Ofatumumab, Pertuzumab + trastuzumab, tafamidis



CADTH

https://www.cadth.ca/

GENERIC NAME	BRAND NAME	INDICATION	TYPE OF DOCUMENT	Link	RECOMMENDATION	Info on costs
dinutuximab	Unituxin	For the treatment of high-risk neuroblastoma patients in their first relapse or determination of refractory disease, in combination with irinotecan, temozolomide, and granulocyte macrophage colonystimulating factor.	Final Recommendation 23.07.2021	https://www.cadth.ca /sites/default/files/att achments/2021- 07/PC0222%20Unituxi n%20- %20CADTH%20Final% 20Rec%20v4.pdf	The CADTH pCODR Expert Review Committee (pERC) recommends that dinutuximab should be reimbursed for the treatment of patients with high-risk neuroblastoma in their first relapse or determination of refractory disease, in combination with irinotecan, temozolomide, and GM-CSF, only for patients who have not had either: • prior therapy for R/R high-risk neuroblastoma; • a severe reaction or progressive disease with upfront anti- GD2 immunotherapy.	Reimbursement condition: reduction in price. Reason: with price reductions approaching 100%, dinutuximab is not cost-effective at a \$50,000 per QALY threshold
Durvalumab	Imfinzi	First-line treatment of adult patients with ES-SCLC in combination with etoposide and either carboplatin or cisplatin.	CADTH Reimbursement Recommendation. Final Recommendation 27.07.2021	https://www.cadth.ca /sites/default/files/att achments/2021- 07/PC0234%20Imfinzi %20- %20CADTH%20Final% 20Rec.pdf	The CADTH pCODR Expert Review Committee (pERC) recommends that durvalumab in combination with etoposide and platinum (EP) chemotherapy (cisplatin or carboplatin) should be reimbursed for the treatment of adult patients with extensive-stage small cell lung cancer (ESSCLC) only if the following conditions are met: •Patient must not have received previous treatment for ES-SCLC; •Patient must have good performance status upon treatment initiation with durvalumab.	Reimbursement conditions: Reduction in price. Reason: Durvalumab + EP is more costly than EP alone. The ICER for durvalumab in combination with EP was \$441,635 per QALY compared with EP alone. A price reduction of at least 88% for durvalumab is necessary for durvalumab + EP to be considered cost-effective at a \$50,000 per QALY threshold.

encorafenib encorafenib	Braftovi +	In combination with cetuximab, for the treatment of patients with metastatic colorectal cancer (mCRC) with a BRAF V600E mutation, as detected by a validated test, after prior therapy.	CADTH Reimbursement Recommendation. Final Recommendation 26.07.2021 CADTH Reimbursement	https://www.cadth.ca /sites/default/files/att achments/2021- 07/PC0233%20Brafto vi%20- %20CADTH%20Final% 20Rec 0.pdf	The CADTH pCODR Expert Review Committee (pERC) recommends that encorafenib should be reimbursed for the treatment of patients with mCRC with a BRAF V600E mutation, as detected by a validated test, after prior therapy only if the following conditions are met: • Patients must receive encorafenib in combination with cetuximab; • Patients must have BRAF V600E—mutated mCRC; • Patients must have received at least 1 previous systemic treatment for mCRC; • Patients must have good performance status; • Patients must not have received prior EGFR inhibitors or BRAF inhibitors; • Patients must have adequate organ function. The CADTH pCODR Expert Review Committee (pERC) recommends that encorafenib should be	Reimbursement Condition: Price reduction- Reason: The ICER for encorafenib in combination with cetuximab is \$198,779 when compared with FOLFOX. Given the cost of cetuximab, there is no price for encorafenib at which an ICER of \$50,000 could be achieved. If the price of cetuximab was reduced by more than 60%, encorafenib may be able to achieve an ICER of \$50,000 per QALY, with a 99% price reduction. Pricing: Reimbursement condition: 1. Encorafenib in combination with
+ binimetinib	Mektovi	of patients with unresectable or metastatic melanoma with a BRAF V600 mutation	Reimbursement Recommendation. Final Recommendation 26.07.2021	achments/2021- 07/PC0232%20Brafto vi%20and%20Mektovi %20Final.pdf	reimbursed for the treatment of patients with mCRC with a BRAF V600E mutation, as detected by a validated test, after prior therapy only if the following conditions are met: • Patients must receive encorafenib in combination with cetuximab. • Patients must have BRAF V600E—mutated mCRC. • Patients must have received at least 1 previous systemic treatment for mCRC. • Patients must have good performance status. • Patients must not have received prior EGFR inhibitors or BRAF inhibitors • Patients must have adequate organ function.	binimetinib should not be more costly than the least costly BRAFi/MEKi combination regimen. Reason: Evidence from indirect comparisons (NMAs) suggest that there is no statistically significant difference in efficacy among the 3 BRAFi/MEKi combination treatments in patients with unresected or metastatic melanoma

§When the label relates to two separate drugs, the second or third drug is written into brackets, e.g.: nivolumab + [ipilimumab]; when the label relates to a fixed dose association it is represented without brackets, ie: sacubitril + valsartan.



HAS

https://www.has-sante.fr/

July 2021: No Final Reports available for any drug or condition.



ICER

https://icer.org/

July 2021: No Final Reports available for any drug or condition.



IQWIG

https://www.iqwig.de/en/home.2724.html

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Generic name	Brand name	Indication	Type of document	link	Recommendation	Note	
Avatrombopag [A21-32]	Doptelet	Treatment of primary chronic immune thrombocytopenia in adult patients who are refractory to other treatments (e.g. corticosteroids, immunoglobulins)	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-32.html	Added benefit not proven.	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.	
Avatrombopag [A21-31]	Doptelet	Adult patients with severe thrombocytopenia and chronic liver disease who are scheduled to undergo an invasive procedure	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-31.html	Moderate or high bleeding risk of the invasive procedure: proof of considerable added benefit. Low bleeding risk of the invasive procedure: added benefit not proven.	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.	
Bedaquiline [G21-11]	Sirturo	multidrug resistant tuberculosis: children aged 5 to 11 years	Dossier assessment 01.07.2021	https://www.iqwi g.de/en/projects/ g21-11.html		In accordance with §35a (1) Sentence 11 Social Code Book (SGB) V, the added medical benefit of orphan drugs is deemed as proven by the fact that they have been approved. On behalf of the Federal Joint Committee (G-BA), IQWiG therefore solely assesses the information on patient numbers and costs in the pharmaceutical company's dossier. After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. The resolution on the extent of added benefit is passed by the G-BA after the hearing. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA Website	

Carfilzomib [A21-08]	Kyprolis	Adult patients with multiple myeloma who have received at least one prior therapy	Dossier assessment 15/07/2021	https://www.iqwi g.de/en/projects/ a21-08.html	Added benefit not proven.	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Fostemsavir [A21-33]	Rukobia	Adults with multidrug resistant HIV-1 infection for whom it is otherwise not possible to construct a suppressive antiviral regimen.	Dossier assessment 01.07.2021	https://www.iqwi g.de/en/projects/ a21-33.html	Added benefit not proven.	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Nivolumab [A20-121] [A21-62]	Opdivo	Adults with unresectable advanced, recurrent or metastatic oesophageal squamous cell carcinoma after prior fluoropyrimidineand platinum-based combination chemotherapy	Dossier assessment and addendum 2/07/2021	https://www.iqwi g.de/en/projects/ a20-121.html	Added benefit not proven	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Nivolumab [A21-39]	Opdivo	Adjuvant treatment of adults with melanoma with involvement of lymph nodes or metastatic disease who have undergone complete resection	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-39.html	 Stage IIIB/C and IV disease: hint of non-quantifiable added benefit. Stage IIIA disease: added benefit not proven. 	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.

Pembrolizumab [A21-36]	Keytruda	First-line treatment of adult patients with metastatic microsatellite instability-high (MSI-H) or mismatch repair deficient (dMMR) colorectal cancer	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-36.html	 Patients for whom intensive therapy is appropriate: hint of considerable added benefit. Patients for whom intensive therapy is not appropriate: added benefit not proven. 	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Pembrolizumab [A21-34]	Keytruda	Adult patients with locally advanced or metastatic urothelial carcinoma who are not eligible for cisplatincontaining chemotherapy and whose tumours express programmed cell death ligand 1 (PD-L1) with a combined positive score (CPS) ≥ 10	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-34.html	Indication of considerable added benefit	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Pembrolizumab [A21-35]	Keytruda	Adult and paediatric patients aged 3 years and older with relapsed or refractory classical Hodgkin lymphoma who have failed autologous stem cell transplant or following at least two prior therapies when autologous stem cell transplant is not a treatment option	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-35.html	 Adults for whom brentuximab vedotin is the suitable therapy according to physician's choice: hint of non-quantifiable added benefit. Adults for whom brentuximab vedotin is not the suitable therapy according to physician's choice: added benefit not proven. Children and adolescents aged 3 years and older: added benefit not proven. 	Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information

Remdesivir [A21-38]	Veklury	COVID-19	Dossier assessment 01.07.2021	https://www.iqwi g.de/en/projects/ a21-38.html	Adult patients with low-flow oxygen (LFO) at start of treatment: indication of considerable benefit. Adolescent patients with low-flow oxygen (LFO) at start of treatment: added benefit not proven. Patients with high-flow oxygen (HFO)/non-invasive ventilation (NIV) at start of treatment: added benefit not proven.	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Sodium zirconium cyclosilicate [A21-40]	Lokelma	hyperkalaemia	Dossier assessment 01/07/2021	https://www.iqwi g.de/en/projects/ a21-40.html	Added benefit not proven.	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.
Upadacitinib [A21-15]	Rinvoq	Adult patients with active psoriatic arthritis	Dossier assessment 15.07.2021	https://www.iqwi g.de/en/projects/ a21-15.html	 Patients who have had an inadequate response or who have been intolerant to a prior disease-modifying antirheumatic drug (DMARD) therapy: hint of minor added benefit. Patients who have had an inadequate response or who have been intolerant to a prior therapy with biologic disease-modifying antirheumatic drugs (bDMARDs): added benefit not proven. 	After completion of the assessment by IQWiG the Federal Joint Committee (G-BA) conducts a commenting procedure. This may provide supplementary information and as a result lead to a modified benefit assessment. Further information and the decision on the early benefit assessment can be found on the relevant page of the G-BA website.

^{*}Esclusi dal report i seguenti medicinali valuati da IQWIG: Levofloxacin + dexamethasone [A21-12]



NICE

https://www.nice.org.uk/

Generic name	Brand name	Indication	Type of document	<u>link</u>	Recommendation
Adalimumab + [etanercept] + [infliximab] + [abatacept]	Humira + [Enbrel] + [Infliximab] + [Orencia]	Moderate rheumatoid arthritis after conventional DMARDs have failed		https://www.nice.org .uk/guidance/ta715/r esources/adalimumab -etanercept- infliximab-and- abatacept-for- treating-moderate- rheumatoid-arthritis- after-conventional- dmards-have-failed- pdf-82611135252421	

Enzalutamide	Xtandi	hormone-sensitive metastatic prostate cancer in adults	Technology appraisal guidance [TA712] 07/07/2021	https://www.nice.org .uk/guidance/ta712/r esources/enzalutamid e-for-treating- hormonesensitive- metastatic-prostate- cancer-pdf- 82611130213573	Enzalutamida plus ADT would offer another ention for people with harmone consitive
lxekizumab	Taltz	axial spondyloarthritis	Technology appraisal guidance [TA718] 21/07/2021	https://www.nice.org .uk/guidance/ta718/r esources/ixekizumab- for-treating-axial- spondyloarthritis-pdf- 82611140291269	Ixekizumab is recommended as an option for treating active ankylosing spondylitis that is not controlled well enough with conventional therapy, or active non-radiographic axial spondyloarthritis with objective signs of inflammation that is not controlled well enough with non-steroidal anti-inflammatory drugs (NSAIDs), in adults. It is recommended only if: • tumour necrosis factor (TNF)-alpha inhibitors are not suitable or do not control the condition well enough, and

Nivolumab	Opdivo	. locally advanced or metastatic non- squamous non-small- cell lung cancer (NSCLC) in adults after chemotherapy	Technology appraisal guidance [TA713] 07/07/2021	.uk/guidance/ta713/r esources/nivolumab-	Nivolumab is recommended as an option for treating locally advanced or metastatic NSCLC in adults after chemotherapy, only if: • their tumours are PD-L1 positive, and • it is stopped at 2 years of uninterrupted treatment, or earlier if their disease progresses, and • they have not had a PD-1 or PD-L1 inhibitor before. The key clinical trial shows that people with PD-L1-positive tumours who have nivolumab live longer than those who have docetaxel, which is the most appropriate comparator. There is uncertainty about how long people should have nivolumab for, but evidence shows that there is continued benefit when treatment is stopped at 2 years. Nivolumab meets NICE's criteria to be considered a life-extending treatment at the end of life. The cost-effectiveness estimates for nivolumab compared with docetaxel are likely to be within what NICE considers an acceptable use of NHS resources. Therefore, it is now recommended in the NHS. The list price of nivolumab is £2,633 per 240 mg per 24 ml vial (excluding VAT; BNF online, accessed March 2020). The company has a commercial arrangement. This makes nivolumab available to the NHS with a discount. The size of the discount is commercial in confidence. It is the company's responsibility to let relevant NHS organisations know details of the discount.
Nivolumab + [Ipilimumab]	Opdivo + [Yervoy]	previously treated metastatic colorectal cancer with high microsatellite instability or mismatch repair deficiency	Technology appraisal guidance [TA716] 28/07/2021	https://www.nice.org .uk/guidance/ta716/r esources/nivolumab- with-ipilimumab-for- previously-treated- metastatic-colorectal- cancer-with-high- microsatellite- instability-or- mismatch-repair- deficiency-pdf- 82611136932037	Nivolumab plus ipilimumab is recommended, within its marketing authorisation, as an option for treating metastatic colorectal cancer with high microsatellite instability (MSI) or mismatch repair (MMR) deficiency after fluoropyrimidine-based combination chemotherapy. It is recommended only if the company provides nivolumab and ipilimumab according to the commercial arrangement. People with previously treated metastatic colorectal cancer that has high MSI or MMR deficiency are usually offered combination chemotherapy including FOLFOX, FOLFIRI or trifluridine—tipiracil, and best supportive care. This is the same as what is offered for most other types of metastatic colorectal cancer. Clinical trial evidence suggests that nivolumab plus ipilimumab may extend how long people live. The cost-effectiveness estimates are within what NICE normally considers acceptable use of NHS resources. So, nivolumab plus ipilimumab is recommended.

					The list price of nivolumab is £2,633 per 240mg per 24-ml vial (excluding VAT; BNF online, assessed March2021). The company has a commercial arrangement. The list price of ipilimumab is £15,000 per 200-mg vial (excluding VAT; BNF online, assessed March2021). The company has a commercial arrangement.
Secukinumab	Cosentyx	non-radiographic axial spondyloarthritis	Technology appraisal guidance [TA719]	https://www.nice.org .uk/guidance/ta719/r esources/secukinuma b-for-treating- nonradiographic- axial- spondyloarthritis-pdf- 82611141970885	than one TNF-alpha inhibitors is suitable, the cheapest is used, currently adalimumab biosimilar. Because of this, secukinumab is not a cost-effective use of NHS resources when compared with TNF-alpha inhibitors. Secukinumab is only considered to be cost effective for people who cannot have TNFalpha inhibitors, or when TNF-alpha inhibitors have not

^{*}Esclusi dal report i seguenti medicinali valutati da NICE: Dasatinib (Sprycel), Duvelisib (Copiktra).



SMC https://www.scottishmedicines.org.uk/

Generic name	Brand name	Indication	Type of document	Link	Advice	Evidences
atezolizumab SMC2349	Tecentriq	In combination with bevacizumab for the treatment of adult patients with advanced or unresectable hepatocellular carcinoma (HCC) who have not received prior systemic therapy.	Medicine advice 12/07/2021	https://www.sco ttishmedicines.o rg.uk/media/610 3/atezolizumab- tecentriq-final- june-2021-for- website.pdf	Following a full submission assessed under the end of life process: atezolizumab (Tecentriq®) is accepted for use within NHSScotland.	In a phase III study in patients with advanced or unresectable HCC who had not received prior systemic therapy, atezolizumab plus bevacizumab was associated with greater overall and progression-free survival compared with a multikinase inhibitor. This advice applies only in the context of approved NHSScotland Patient Access Scheme (PAS) arrangements delivering the cost-effectiveness results upon which the decision was based, or PAS/ list prices that are equivalent or lower. This advice takes account of the views from a Patient and Clinician Engagement (PACE) meeting. Atezolizumab 1,200mg followed by bevacizumab 15mg/kg of body weight, administered by iv infusion every three weeks: £6,384
bempedoic acid SMC2363	Nilemdo	In adults with primary hypercholesterolaemia (heterozygous familial and non-familial) or mixed dyslipidaemia, as an adjunct to diet:	Medicine advice 12/07/2021	https://www.sco ttishmedicines.o rg.uk/media/610 4/bempedoic- acid-nilemdo- resubmission- final-june-2021- for-website.pdf	following a	SMC restriction: for use in combination with ezetimibe in patients who are: ● statin intolerant or for whom a statin is contraindicated and ●where ezetimibe alone does not appropriately control LDL-C and ●where proprotein convertase subtilisin/ kexin type 9 (PCSK9) inhibitors are not appropriate. In two phase III studies in patients intolerant to statins, the percentage reduction in LDL-C to 12-weeks was significantly larger with bempedoic acid compared with placebo.

		In combination with a statin, or a statin with other lipid-lowering therapies in patients unable to reach lowdensity lipoprotein cholesterol (LDL-C) goals with the maximum tolerated dose of a statin or alone or in combination with other lipid-lowering therapies in patients who are statin-intolerant, or for whom a statin is contraindicated.				This advice applies only in the context of an approved NHSScotland Patient Access Scheme (PAS) arrangement delivering the cost-effectiveness results upon which the decision was based, or a PAS/ list price that is equivalent or lower. Cost per year: Bempedoic acid 180mg orally once daily 721£.
ofatumumab SMC2357	Kesimpta	Treatment of adult patients with relapsing forms of multiple sclerosis (RMS) with active disease defined by clinical or imaging features.	Medicine advice 12/07/2021	https://www.sco ttishmedicines.o rg.uk/media/610 8/ofatumumab- kesimpta-final- june-2021-for- website.pdf	submission: ofatumumab (Kesimpta®) is accepted for restricted use within NHSScotland.	NHSSCOTIANG PATIENT ACCESS SCHEME

pertuzumab + trastuzumab SMC2364	Phesgo	-Early breast cancer in combination with chemotherapy in: • HER2-positive, locally advanced, inflammatory, or early stage breast cancer at high risk of recurrence • HER2-positive early breast cancer at high risk of recurrence. -Metastatic breast cancer In combination with docetaxel in adult patients with HER2-positive metastatic or locally recurrent unresectable breast cancer, who have not received previous anti-HER2 therapy or chemotherapy for their metastatic disease.	Medicine advice 12/07/2021	https://www.sco ttishmedicines.o rg.uk/medicines- advice/pertuzu mab-and- trastuzumab- phesgo-abb- smc2364/	following an abbreviated submission: pertuzumab/trastuzum ab (Phesgo®) is accepted for restricted use within NHSScotland.	SMC restriction: Restricted to use in line with previous SMC advice for pertuzumab and trastuzumab (see SMC2284; SMC2120; SMC2119; SMC No. 928/13; SMC No. 278/06). Pertuzumab/trastuzumab provides a combination injection for subcutaneous use. Pertuzumab has previously been accepted by SMC under the orphan medicine process. This advice applies only in the context of an approved NHSScotland Patient Access Scheme (PAS) arrangement delivering the cost-effectiveness results upon which the decision was based, or a PAS/list price that is equivalent or lower.
Tafamidis SMC2354	Vyndaqel	For the treatment of wild-type and hereditary transthyretin amyloidosis in adult patients with cardiomyopathy (ATTR-CM)	Medicine advice 12/07/2021	https://www.sco ttishmedicines.o rg.uk/media/611 2/tafamidis- vyndaqel-final- june-2021- amended- 090721-for- website.pdf	tollowing a full	In a phase III study, 30 months of treatment with tafamidis (as meglumine) significantly reduced the risk of all-cause mortality and cardiovascular-related hospitalisation compared with placebo, in patients with wild-type or hereditary ATTR-CM. The submitting company's justification of the treatment's cost in relation to its health benefits was not sufficient and in addition, the company did not present a sufficiently robust economic analysis to gain acceptance by SMC. This advice takes account of the views from a Patient and Clinician Engagement (PACE) meeting. The licence holder has indicated their intention to resubmit. Tafamidis: 61mg orally once daily 129,645£