Advice on Health Technologies
Quarterly bulletin | April 2022

What is the purpose of this bulletin?

Health Technology Wales (HTW) produces this bulletin to support decision making on non-medicine health technologies within NHS Wales. The bulletin lists HTW reports and guidance on non-medicine health technologies published from January to March 2022. It also includes recent technology assessments undertaken by other health technology assessment (HTA) agencies across the UK, Ireland and Europe.

What is a health technology?

A health technology is an intervention, product or service developed to:
- prevent, diagnose or treat medical conditions
- promote health
- provide rehabilitation, or
- organise healthcare delivery.

A non-medicine health technology could be a test, device, procedure or patient pathway.

What specialties were covered this quarter?

What advice is NHS Wales required to consider?

Some of the reports and guidance in this bulletin are for information only, whereas HTW guidance has an **adopt or justify** status in NHS Wales.

What next?

- If any of the technology assessments listed are of relevance to current policy, planning and clinical decisions within NHS Wales and you would like to discuss their relevance, please contact HTW: https://www.healthtechnology.wales/contact/#
- If you would like to refer a technology to HTW for assessment, please complete the 'Suggest a topic' submission form: https://www.healthtechnology.wales/suggest-a-topic/

Information and Guidance on Health Technologies (January 2022 – March 2022)

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Blood and immune system	MIB290: Genedrive MT-RNR1 ID System for detecting single nucleotide polymorphism m.1555A>G in newborn babies	NICE MedTech Innovation Briefing[1]	March 2022	For information only
	HTA of the addition of severe combined immunodeficiency (SCID) to the National Newborn Bloodspot Screening Programme	HIQA Advice[2]	March 2022	For information only
Cancer	TER310: Selective internal radiation therapy for metastatic colorectal cancer	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
	TER311: Cytoreduction surgery with hyperthermic intraoperative peritoneal chemotherapy for peritoneal carcinomatosis	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
	DG46: EarlyCDT Lung for assessing risk of lung cancer in solid lung nodules	NICE Diagnostic Guidance[4]	February 2022	For information only
	IPG716: Microwave ablation for primary or metastatic cancer in the lung	NICE Interventional Procedures Guidance[5]	February 2022	For information only
	IPG717: Endoscopic full thickness removal of gastrointestinal stromal tumours of the stomach	NICE Interventional Procedures Guidance[5]	March 2022	For information only
Cardiovascular System	TER309: Left atrial appendage occlusion in patients with atrial fibrillation	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
	TER325: CaRi-Heart for measurement of coronary inflammation in the investigation	HTW Topic Exploration Report[3]	February 2022	For information only

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[1] **NICE Medtech innovation briefing:** offers support for NHS England when considering using new medical devices and other medical or diagnostic technologies.

[2] **Health Information and Quality Authority (HIQA) Advice**: summarises clinical and cost-effectiveness evidence and implications for the health technology in Ireland

[3] **HTW Topic Exploration Report**: designed to provide a high-level briefing on new topics submitted for consideration in Wales.

[4] **NICE diagnostics guidance**: evaluates new, innovative diagnostic technologies. It includes all types of measurements and tests that are used to evaluate a patient's condition.

[5] **NICE Interventional procedures guidance:** covers procedures used for diagnosis or treatment, considers if they are safe and work well enough for wider use in NHS England, Scotland or Wales

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	and management of coronary artery disease			
	TER316: Radiofrequency renal denervation for the treatment of resistant hypertension	HTW Topic Exploration Report[3]	February 2022	For information only
	MTG64: KardiaMobile for detecting atrial fibrillation	NICE Medical Technologies Guidance[6]	January 2022	For information only
COVID-19	EAR032: Convalescent plasma therapy for people with COVID-19	HTW Evidence Appraisal Report[7]	March 2022	For information only
Digestive system	TER313: LiverMultiScan for the diagnosis and staging of non-alcoholic fatty liver disease (NAFLD)	HTW Topic Exploration Report[3]	Uploaded February 2022	For information only
	MIB286: The Insides System for managing intestinal failure	NICE MedTech Innovation Briefing[1]	February 2022	For information only
	DG45: PredictSURE IBD and IBDX to guide treatment of Crohn's disease	NICE Diagnostic Guidance[4]	February 2022	For information only
	IPG720: Percutaneous insertion of a cystic duct stent after cholecystostomy for acute calculous cholecystitis	NICE Interventional Procedures Guidance[5]	March 2022	For information only
Ear, nose and throat	TER301: Active middle ear hearing implants for complex hearing conditions	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
	TER308: Active transcutaneous bone conduction hearing implants for complex hearing conditions	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
Endocrine, nutritional and metabolic	TER128: Low carbohydrate dietary interventions for people with type 2 diabetes, as part of a structured education programme	HTW Topic Exploration Report[3]	Uploaded February 2022	For information only
	MIB285: d-Nav insulin management app for type 2 diabetes	NICE MedTech Innovation Briefing[1]	February 2022	For information only
	IPG721: Liposuction for chronic lipoedema	NICE Interventional Procedures Guidance[5]	March 2022	For information only
	Closed loop systems and the artificial pancreas for type I diabetes mellitus (T1DM)	SHTG Recommendation[8]	January 2022	For information only

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[6] **NICE Medical technologies guidance:** evaluates new, innovative medical devices and diagnostics for NHS England.
[7] **HTW Evidence Appraisal Report:** based on a rapid systematic literature search, these reports aim to identify and appraise the best clinical and economic evidence on health technologies.
[8] **SHTG Recommendation**: Evidence-based recommendations for how the health technology should be used in the Scottish context, developed by a national advisory council in consultation with stakeholders.

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	[Minuteful Kidney for home testing of albumin-to-creatinine ratio (ACR)](#)	SHTG Innovative Medical Technology Overview[9]	March 2022	For information only
	[HTA of metabolic surgery for type 2 diabetes and obesity](#)	HIQA Advice[2]	January 2022	For information only
Health service organisation and delivery	[MIB289: YOURmeds for medication support in long-term conditions](#)	NICE MedTech Innovation Briefing[1]	March 2022	For information only
Infectious disease	[MIB288: SecurePort IV tissue adhesive for use with percutaneous catheters](#)	NICE MedTech Innovation Briefing[1]	March 2022	For information only
	[MTG69: UroShield for preventing catheter-associated urinary tract infections](#)	NICE Medical Technologies Guidance[6]	March 2022	For information only
Injuries, accidents and wounds	[MTG67: Prontosan for treating acute and chronic wounds](#)	NICE Medical Technologies Guidance[6]	March 2022	For information only
	[MTG66: 3C Patch for treating diabetic foot ulcers](#)	NICE Medical Technologies Guidance[6]	March 2022	For information only
Mental and behavioural disorders	[GUI035: Transcranial magnetic stimulation for the treatment of depression](#)	HTW Guidance[10]	Uploaded February 2022	**NHS Wales should adopt this guidance or justify why it has not been followed**
	[TER303: Structural neuroimaging for the diagnosis of dementia](#)	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
	[TER306: Individual guided and non-guided self-help for social anxiety disorder in children, adolescents and adults](#)	HTW Topic Exploration Report[3]	Uploaded February 2022	For information only
Musculoskeletal system	[MIB284: AposHealth for knee osteoarthritis](#)	NICE MedTech Innovation Briefing[1]	February 2022	For information only
	[MIB283: GaitSmart assessment and vGym personalised exercise rehabilitation programme for people with gait and mobility issues](#)	NICE MedTech Innovation Briefing[1]	February 2022	For information only
	[IPG718: Intramedullary distraction for lower limb lengthening](#)	NICE Interventional Procedures Guidance[5]	March 2022	For information only

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[9] **SHTG Innovative Medical Technology Overviews**: summarises emerging evidence surrounding new and innovative technologies.
[10] **HTW Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales.

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	Chest wall bracing for children and young people with pectus carinatum	SHTG Assessment[11]	February 2022	For information only
Nervous system	TER314: Neuropad for screening and detection of early signs of diabetic peripheral neuropathy	HTW Topic Exploration Report[3]	Uploaded February 2022	For information only
	MIB291: icobrain ms for active relapsing–remitting multiple sclerosis	NICE MedTech Innovation Briefing[1]	March 2022	For information only
	IPG715: Stereotactic radiosurgery for trigeminal neuralgia	NICE Interventional Procedures Guidance[5]	February 2022	For information only
Obstetrics and gynaecology	MIB287: Lumella point-of-care test for assessing pre-eclampsia risk	NICE MedTech Innovation Briefing[1]	March 2022	For information only
Respiratory system	TER315: Portable devices that analyse mandibular movements for the diagnosis of obstructive sleep apnoea	HTW Topic Exploration Report[3]	Uploaded January 2022	For information only
	MIB282: Smart Peak Flow for monitoring asthma	NICE MedTech Innovation Briefing[1]	January 2022	For information only
	IPG719: Endoscopic balloon dilation for subglottic or tracheal stenosis	NICE Interventional Procedures Guidance[5]	March 2022	For information only
	MTG68: myCOPD for managing chronic obstructive pulmonary disease	NICE Medical Technologies Guidance[6]	March 2022	For information only
	MTG65: Sedaconda ACD-S for sedation with volatile anaesthetics in intensive care	NICE Medical Technologies Guidance[6]	March 2022	For information only
	MIB292: Artificial intelligence for analysing chest X-ray images	NICE Medical Technologies Guidance[6]	January 2022	For information only

Acknowledgements

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