



Advice on Health Technologies

Quarterly Bulletin | January 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 October to December 2021. 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 are covered this quarter?

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Genitourinary system	3	Respiratory system.....	4
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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 (October 2021 – December 2021)

Speciality	Technology Assessment	Agency/Product	Date Published	Status in NHS Wales
Blood and immune system	MTG62: ClearGuard HD antimicrobial barrier caps for preventing haemodialysis catheter-related bloodstream infections	NICE Medical Technologies Guidance ¹	December 2021	For information only
Cancer	MTG61: Synergo for non-muscle-invasive bladder cancer	NICE Medical Technologies Guidance ¹	November 2021	For information only
	IPG713: Transanal total mesorectal excision for rectal cancer	NICE Interventional Procedures Guidance ²	December 2021	For information only
	MIB278: clonoSEQ for minimal residual disease assessment in multiple myeloma, acute lymphoblastic leukaemia and chronic lymphocytic leukaemia	NICE Medtech Innovation Briefing ³	November 2021	For information only
	MIB280: Paige Prostate for prostate cancer	NICE Medtech Innovation Briefing ³	November 2021	For information only
	Dxcover™ brain cancer liquid biopsy test for early brain cancer detection in primary care	SHTG Innovative Medical Technology Overview ⁴	October 2021	For information only
Cardiovascular System	GUI026: Natriuretic peptides to rule-in and rule-out a diagnosis of acute heart failure in adults in the emergency department setting	HTW Guidance ⁵	November 2021	NHS Wales should adopt this guidance or justify why it has not been followed
	TER278: Heart failure risk status tool and telephone triage for remote monitoring of worsening heart failure	HTW Topic Exploration Report ⁶	October 2021	For information only

¹ **National Institute for Health and Care Excellence (NICE) Medical technologies guidance:** evaluates new, innovative medical devices and diagnostics for NHS England.

² **National Institute for Health and Care Excellence (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

³ **National Institute for Health and Care Excellence (NICE) Medtech innovation briefing:** offers support for NHS England when considering using new medical devices and other medical or diagnostic technologies.

⁴ **SHTG Innovative Medical Technology Overview** High-level summary of the emerging evidence surrounding health and care innovation in Scotland

⁵ **Health Technology Wales (HTW) Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales. NHS Wales should adopt or justify why it has not been followed

⁶ **Health Technology Wales (HTW) Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration by HTW.

Speciality	Technology Assessment	Agency/Product	Date Published	Status in NHS Wales
	TER272: Wiresafe device to prevent guidewire retention during central venous catheter placement	HTW Topic Exploration Report ⁶	October 2021	For information only
	TER218: Genetic risk prediction tools for prediction of onset of cardiovascular disease and prediction of recurrence of cardiovascular events	HTW Topic Exploration Report ⁶	October 2021	For information only
	IPG711: Percutaneous implantation of pulmonary artery pressure sensors for monitoring treatment of chronic heart failure	NICE Interventional Procedures Guidance ²	November 2021	For information only
	IPG712: Coronary sinus narrowing device implantation for refractory angina	NICE Interventional Procedures Guidance ²	November 2021	For information only
	IPG710: Percutaneous endovascular forearm arteriovenous fistula creation for haemodialysis access	NICE Interventional Procedures Guidance ²	October 2021	For information only
COVID-19	Respirator mask use by persons who are at higher risk from COVID-19	HIQA advice ⁷	December 2021	For information only
	Summaries of evidence and international public health guidance in relation to the SARS-CoV-2 Omicron variant (B.1.1.529)	HIQA advice ⁷	December 2021	For information only
	Database of public health guidance on COVID-19	HIQA advice ⁷	December 2021	For information only
	Duration of protective immunity following COVID-19 vaccination	HIQA advice ⁷	December 2021	For information only
	Duration of protective immunity (protection from reinfection) following SARS-CoV-2 infection	HIQA advice ⁷	Updated: November 2021	For information only
Dermatology	TER277: Education mobile applications - pressure ulcers	HTW Topic Exploration Report ⁶	October 2021	For information only
Digestive system	MTG63: Endo-SPONGE for treating low rectal anastomotic leak	NICE Medical Technologies Guidance ¹	December 2021	For information only
	DG44: SeHCAT (tauroselcholic [75 selenium] acid) for diagnosing bile acid diarrhoea	NICE Diagnostics Guidance ⁸	November 2021	For information only
	Elective surgery using mesh to repair primary or incisional hernias in adults	SHTG Recommendation ⁹	December 2021	For information only
Genitourinary system	IPG709: Laparoscopic renal denervation for loin pain haematuria syndrome	NICE Interventional Procedures Guidance ²	October 2021	For information only

⁷ **Health Information and Quality Authority (HIQA) Advice:** summarises clinical and cost-effectiveness evidence and implications for the health technology in Ireland

⁸ **National Institute for Health and Care Excellence (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.

⁹ **SHTG Recommendation** - developed by a national committee in consultation with stakeholders. Clinical effectiveness, safety, cost effectiveness, patient and public views, professional expert views, and social and organisational implications are considered. NHS Scotland are required to consider the recommendation.

Speciality	Technology Assessment	Agency/Product	Date Published	Status in NHS Wales
	MTG60: DyeVert Systems for reducing the risk of acute kidney injury in coronary and peripheral angiography	NICE Medical Technologies Guidance ¹	October 2021	For information only
Health service organisation and delivery	TER264: Electronic blood management systems for blood transfusions	HTW Topic Exploration Report ⁶	October 2021	For information only
	The Scottish asynchronous digital dermatology appointment service (DDAS)	SHTG Innovative Medical Technology Overview ⁴	October 2021	For information only
Infectious diseases	The SARUS (safer - airway - resuscitation) - CPR hood™ to protect first responders from biohazards	SHTG Innovative Medical Technology Overview ⁴	October 2021	For information only
Mental and behavioural disorders	GUI031: Strategies for Relatives (START) intervention to improve the mental health of carers of people with dementia	HTW Guidance ⁵	November 2021	NHS Wales should adopt this guidance or justify why it has not been followed
Musculoskeletal system	IPG708: Genicular artery embolisation for pain from knee osteoarthritis	NICE Interventional Procedures Guidance ²	October 2021	For information only
Nervous system	TER312: Dynamic elastomeric fabric orthoses for neuromuscular disease and central nervous system conditions	HTW Topic Exploration Report ⁶	November 2021	For information only
	TER302: At-home use of tablet computers to assist diagnosis and management of dementia	HTW Topic Exploration Report ⁶	October 2021	For information only
	MIB279: CerebAir for continuous EEG monitoring in intensive care	NICE Medtech Innovation Briefing ³	November 2021	For information only
	MIB277: 24/7 EEG SubQ for epilepsy	NICE Medtech Innovation Briefing ³	November 2021	For information only
	vCreate Neuro® for the diagnosis and treatment of adults and children with epilepsy and other neurological disorders	SHTG Assessment ¹⁰	December 2021	For information only
Obstetrics and gynaecology	TER260: Time-lapse systems for embryo incubation and assessment in assisted production	HTW Topic Exploration Report ⁶	October 2021	For information only
Physical disability	TER269: Clinical photography smartphone applications (apps) to assess patient posture of wheelchair users	HTW Topic Exploration Report ⁶	October 2021	For information only
Respiratory system	TER288: Video laryngoscopes for use in pre-hospital care	HTW Topic Exploration Report ⁶	October 2021	For information only
	IPG714: Endobronchial nerve ablation for chronic obstructive pulmonary disease	NICE Interventional Procedures Guidance ²	December 2021	For information only
	MIB281: FreeO2 automatic oxygen titration for chronic obstructive pulmonary disease and respiratory distress syndrome	NICE Medtech Innovation Briefing ³	December 2021	For information only

¹⁰ **Scottish Health Technologies Group (SHTG) Assessment** - Bespoke reviews of health technologies to inform policy and practice across NHSScotland.

Acknowledgements

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