



Advice on Health Technologies

Quarterly Bulletin | January 2022

What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in October to December 2021 by the Scottish Health Technologies Group (SHTG) and also recent health technology assessments (HTAs) undertaken by other HTA agencies across the UK, Ireland and Europe.

It is produced by SHTG to support decision making on the use of health technologies within NHSScotland. You can find out more about the work of SHTG on [our website](#).

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. The health technology could be a test, device, procedure or patient pathway.

What areas of work are covered this quarter?

- blood and immune system
- cancer
- cardiovascular system
- COVID-19
- dermatology
- digestive system
- endocrine, nutritional and metabolic
- genitourinary system
- mental and behavioural disorders
- musculoskeletal system
- nervous system
- obstetrics and gynaecology
- physical disability
- respiratory system

Advice and guidance is ordered by area of work or specialty, the full list is at the end of this document.

What advice is NHSScotland required to consider?

The advice and guidance NHS Scotland is **required to consider** is highlighted in the 'Status' column in the table below.

What next?

Where a technology assessment is relevant to current policy, planning and clinical decisions within NHSScotland and you would like to discuss its application, please [email SHTG](#). If you would like to refer a technology for assessment, please [use this request form](#).

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
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
	TER264: Electronic blood management systems for blood transfusions	HTW Topic Exploration Report ²	October 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 ³	December 2021	NHSScotland required to consider
	MIB278: clonoSEQ for minimal residual disease assessment in multiple myeloma, acute lymphoblastic leukaemia and chronic lymphocytic leukaemia	NICE Medtech Innovation Briefing ⁴	November 2021	For information only
	MIB280: Paige Prostate for prostate cancer	NICE Medtech Innovation Briefing ⁴	November 2021	For information only
	Dxcover™ brain cancer liquid biopsy test for early brain cancer detection in primary care	SHTG Innovative Medical Technology Overview ⁵	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 **Health Technology Wales (HTW) Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration by HTW.

³ **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

⁴ **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.

⁵ **SHTG Innovative Medical Technology Overview:** High-level summary of the emerging evidence surrounding health and care innovation in Scotland

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
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 ⁶	November 2021	For information only
	TER278: Heart failure risk status tool and telephone triage for remote monitoring of worsening heart failure	HTW Topic Exploration Report ²	October 2021	For information only
	TER272: Wiresafe device to prevent guidewire retention during central venous catheter placement	HTW Topic Exploration Report ²	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 ²	October 2021	For information only
	IPG711: Percutaneous implantation of pulmonary artery pressure sensors for monitoring treatment of chronic heart failure	NICE Interventional Procedures Guidance ³	November 2021	NHSScotland required to consider
	IPG712: Coronary sinus narrowing device implantation for refractory angina	NICE Interventional Procedures Guidance ³	November 2021	NHSScotland required to consider
	The SARUS (safer - airway - resuscitation) - CPR hood™ to protect first responders from biohazards	SHTG Innovative Medical Technology Overview ⁵	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

⁶ **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

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

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
Dermatology	TER277: Education mobile applications – pressure ulcers	HTW Topic Exploration Report ²	October 2021	For information only
	The Scottish asynchronous digital dermatology appointment service (DDAS)	SHTG Innovative Medical Technology Overview ⁵	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	NHSScotland required to consider
Endocrine, nutritional and metabolic	IPG710: Percutaneous endovascular forearm arteriovenous fistula creation for haemodialysis access	NICE Interventional Procedures Guidance ³	October 2021	NHSScotland required to consider
Genitourinary system	IPG709: Laparoscopic renal denervation for loin pain haematuria syndrome	NICE Interventional Procedures Guidance ³	October 2021	NHSScotland required to consider
	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
Mental and behavioural disorders	GUI031: Strategies for Relatives (START) intervention to improve the mental health of carers of people with dementia	HTW Guidance ⁶	November 2021	For information only
	TER302: At-home use of tablet computers to assist diagnosis and management of dementia	HTW Topic Exploration Report ²	October 2021	For information only
Musculoskeletal system	IPG708: Genicular artery embolisation for pain from knee osteoarthritis	NICE Interventional Procedures Guidance ³	October 2021	NHSScotland required to consider

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.

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
Nervous system	TER312: Dynamic elastomeric fabric orthoses for neuromuscular disease and central nervous system conditions	HTW Topic Exploration Report ²	November 2021	For information only
	MIB277: 24/7 EEG SubQ for epilepsy	NICE Medtech Innovation Briefing ⁴	November 2021	For information only
	vCreate® (asynchronous platform)	SHTG Assessment ¹⁰	December 2021	NHSScotland required to consider
Obstetrics and gynaecology	TER260: Time-lapse systems for embryo incubation and assessment in assisted production	HTW Topic Exploration Report ²	October 2021	For information only
Physical disability	TER269: Clinical photography smartphone applications (apps) to assess patient posture of wheelchair users	HTW Topic Exploration Report ²	October 2021	For information only
Respiratory system	TER288: Video laryngoscopes for use in pre-hospital care	HTW Topic Exploration Report ²	October 2021	For information only
	IPG714: Endobronchial nerve ablation for chronic obstructive pulmonary disease	NICE Interventional Procedures Guidance ³	December 2021	NHSScotland required to consider
	MIB281: FreeO2 automatic oxygen titration for chronic obstructive pulmonary disease and respiratory distress syndrome	NICE Medtech Innovation Briefing ⁴	December 2021	For information only
	MIB279: CerebAir for continuous EEG monitoring in intensive care	NICE Medtech Innovation Briefing ⁴	November 2021	For information only

Acknowledgements

This bulletin was developed by SHTG in collaboration with Health Technology Wales.

Area of work categorisation list

Blood and immune system	Cancer	Cardiovascular System
Caring for older people	COVID-19	Dermatology
Digestive system	Ear, nose and throat	Endocrine, nutritional and metabolic
Eye	Genitourinary system	Health service organisation and delivery
Infectious disease	Injuries, accidents and wounds	Learning disability
Mental and behavioural disorders	Mouth and dental	Musculoskeletal system
Nervous system	Obstetrics and gynaecology	Paediatrics
Palliative care	Patient experience	Physical disability
Public health	Respiratory system	

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