



Healthcare
Improvement
Scotland

SHTG
Advice on health
technologies

Advice on Health Technologies

Quarterly Bulletin | April 2022

What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in January to March 2022 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
- digestive system
- ear, nose and throat
- endocrine, nutritional and metabolic
- health service organisation and delivery infectious disease
- injuries, accidents and wounds
- mental and behavioural disorders
- musculoskeletal system
- nervous system
- obstetrics and gynaecology
- respiratory system

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	HTA of the addition of severe combined immunodeficiency (SCID) to the National Newborn Bloodspot Screening Programme	HIQA Advice ¹	March 2022	For information only
	MIB290: Genedrive MT-RNR1 ID System for detecting single nucleotide polymorphism m.1555A>G in newborn babies	NICE MedTech Innovation Briefing 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	NHSScotland required to consider

¹ **Health Information and Quality Authority (HIQA) Advice:** summarises clinical and cost-effectiveness evidence and implications for the health technology in Ireland

² **NICE Medtech innovation briefing:** offers support for NHS England when considering using new medical devices and other medical or diagnostic technologies.

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

Area of work / Speciality	Technology assessment	Agency/ Product	Date Published	Status in Scotland
	IPG717: Endoscopic full thickness removal of gastrointestinal stromal tumours of the stomach	NICE Interventional Procedures Guidance ⁵	March 2022	NHSScotland required to consider
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 and management of coronary artery disease	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
	TER316: Radiofrequency renal denervation for the treatment of resistant hypertension	HTW Topic Exploration Report ³	Uploaded February 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 ²	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

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.

Area of work / Speciality	Technology assessment	Agency/ Product	Date Published	Status in Scotland
	IPG720: Percutaneous insertion of a cystic duct stent after cholecystostomy for acute calculous cholecystitis	NICE Interventional Procedures Guidance ⁵	March 2022	NHSScotland required to consider
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	Closed loop systems and the artificial pancreas for type 1 diabetes mellitus (T1DM)	SHTG Recommendation ⁸	January 2022	NHSScotland required to consider
	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
	HTA of metabolic surgery for type 2 diabetes and obesity	HIQA Advice ¹	January 2022	For information only
	MIB285: d-Nav insulin management app for type 2 diabetes	NICE MedTech Innovation Briefing ²	February 2022	For information only
	Minuteful Kidney for home testing of albumin-to-creatinine ratio (ACR)	SHTG Innovative Medical Technology Overview ⁹	March 2022	For information only
	IPG721: Liposuction for chronic lipoedema	NICE Interventional Procedures Guidance ⁵	March 2022	NHSScotland required to consider

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.

⁹ **SHTG Innovative Medical Technology Overviews:** summarises emerging evidence surrounding new and innovative technologies.

Area of work / Speciality	Technology assessment	Agency/ Product	Date Published	Status in Scotland
Health service organisation and delivery	MIB289: YOURmeds for medication support in long-term conditions	NICE MedTech Innovation Briefing ²	March 2022	For information only
Infectious disease	MIB288: SecurePort IV tissue adhesive for use with percutaneous catheters	NICE MedTech Innovation Briefing ²	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	For information only
	TER303: Structural neuroimaging for the diagnosis of dementia	HTW Topic Exploration Report ³	Uploaded January 2022	For information only
	GUI035: Transcranial magnetic stimulation for the treatment of depression	HTW Guidance ¹⁰	Uploaded February 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	Chest wall bracing for children and young people with pectus carinatum	SHTG Assessment ¹¹	February 2022	For information only
	MIB284: AposHealth for knee osteoarthritis	NICE MedTech Innovation Briefing ²	February 2022	For information only

¹⁰ **HTW Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales.

¹¹ **SHTG Assessment:** Bespoke reviews of health technologies to inform policy and practice across NHSScotland.

Area of work / Speciality	Technology assessment	Agency/ Product	Date Published	Status in Scotland
	MIB283: GaitSmart assessment and vGym personalised exercise rehabilitation programme for people with gait and mobility issues	NICE MedTech Innovation Briefing ²	February 2022	For information only
	IPG718: Intramedullary distraction for lower limb lengthening	NICE Interventional Procedures Guidance ⁵	March 2022	NHSScotland required to consider
Nervous system	MIB291: icobrain ms for active relapsing–remitting multiple sclerosis	NICE MedTech Innovation Briefing ²	March 2022	For information only
	IPG715: Stereotactic radiosurgery for trigeminal neuralgia	NICE Interventional Procedures Guidance ⁵	February 2022	NHSScotland required to consider
	TER314: Neuropad for screening and detection of early signs of diabetic peripheral neuropathy	HTW Topic Exploration Report ³	Uploaded February 2022	For information only
Obstetrics and gynaecology	MIB287: Lumella point-of-care test for assessing pre-eclampsia risk	NICE MedTech Innovation Briefing ²	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 ²	January 2022	For information only
	IPG719: Endoscopic balloon dilation for subglottic or tracheal stenosis	NICE Interventional Procedures Guidance ⁵	March 2022	NHSScotland required to consider
	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	January 2022	For information only

Area of work / Speciality	Technology assessment	Agency/ Product	Date Published	Status in Scotland
	MIB292: Artificial intelligence for analysing chest X-ray images	NICE MedTech Innovation Briefing ²	March 2022	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	