



Healthcare
Improvement
Scotland

SHTG
Advice on health
technologies

Advice on Health Technologies

Quarterly Bulletin | January 2025

What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in October 2024 to December 2024 by the Scottish Health Technologies Group (SHTG) and 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
- Caring for older people
- Digestive system
- Ear, nose, and throat
- Endocrine, nutritional, and metabolic
- Genitourinary system
- Health service organisation and delivery
- Infectious disease
- Injuries, accidents, and wounds
- Mental and behavioural disorders
- Musculoskeletal system
- Nervous system
- Obstetrics and gynaecology
- Paediatrics
- Physical disability
- Public health
- Respiratory system

Advice and guidance is ordered by specialty, categorisation follows the main specialties listed here.

Definitions of the agency products are in the [Glossary](#) section

What advice is NHSScotland required to consider?

The advice and guidance NHSScotland 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](#).

Contents

Publications.....	2
Acknowledgements.....	5
Glossary.....	6

Publications

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
Blood and immune system	Genotype testing to guide clopidogrel use after an ischaemic stroke or transient ischaemic attack (TIA)	SHTG Assessment	October 2024	NHSScotland required to consider
	Genotype testing to guide antibiotic use and prevent hearing loss in neonates	SHTG Assessment	October 2024	NHSScotland required to consider
Cancer	TER559 Artificial intelligence-assisted mammography reading in the detection of breast cancer (FxBammo)	HTW Topic Exploration Report	December 2024	For information only
	TER568 Capsule sponge devices to detect Barrett's oesophagus and early-stage oesophageal cancer	HTW Topic Exploration Report	November 2024	For information only
	TER560 Thermal ablation of liver metastases in people with colorectal cancer	HTW Topic Exploration Report	November 2024	For information only
	IPG794 Endoscopic bipolar radiofrequency ablation for malignant biliary obstruction	NICE Interventional Procedures Guidance	November 2024	NHSScotland required to consider
Cardiovascular System	TER569 Hybrid convergent ablation for the treatment of atrial fibrillation	HTW Topic Exploration Report	November 2024	For information only

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
	TER566 PocDoc digital point-of-care cholesterol testing for cardiovascular disease risk assessment and management	HTW Topic Exploration Report	November 2024	For information only
	TER540 Contactless photoplethysmography for measuring blood pressure using cameras on smart phones or tablets and artificial intelligence software	HTW Topic Exploration Report	November 2024	For information only
	DG61 Heart failure algorithms for remote monitoring in people with cardiac implantable electronic devices	NICE Diagnostics Guidance	October 2024	For information only
	Electrocardiogram (ECG) patch monitors	SHTG Innovative Medical Technology Overviews	December 2024	NHSScotland required to consider
	Genotype testing to guide clopidogrel use after an ischaemic stroke or transient ischaemic attack (TIA)	SHTG Assessment	October 2024	NHSScotland required to consider
Caring for older people	FDG PET dementia imaging	SHTG Recommendation	December 2024	NHSScotland required to consider
	Enhanced inactivated influenza vaccines for over 65s	HIQA Full HTA	October 2024	For information only
Digestive System	GUI061 The Enhanced Liver Fibrosis (ELF) test for diagnosing advanced fibrosis in metabolic dysfunction-associated steatotic liver disease	HTW Guidance	December 2024	For information only
	TER568 Capsule sponge devices to detect Barrett's oesophagus and early-stage oesophageal cancer	HTW Topic Exploration Report	November 2024	For information only
	TER567 Gastroelectrical stimulation for the treatment of adults with severe, intractable gastroparesis	HTW Topic Exploration Report	November 2024	For information only
	TER560 Thermal ablation of liver metastases in people with colorectal cancer	HTW Topic Exploration Report	November 2024	For information only
	IPG794 Endoscopic bipolar radiofrequency ablation for malignant biliary obstruction	NICE Interventional Procedures Guidance	November 2024	NHSScotland required to consider
	Living Donor Transplantation	SHTG Assessment	December 2024	NHSScotland required to consider
Ear, Nose and Throat	Genotype testing to guide antibiotic use and prevent hearing loss in neonates	SHTG Assessment	October 2024	NHSScotland required to consider

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
Endocrine, nutritional and metabolic	GUI054 Digital platforms for personalised diabetes management, education and support in adults	HTW Guidance	December 2024	For information only
	IPG794 Endoscopic bipolar radiofrequency ablation for malignant biliary obstruction	NICE Interventional Procedures Guidance	November 2024	NHSScotland required to consider
Genitourinary system	GUI060 Robot-assisted benign gynaecological surgery	HTW Guidance	December 2024	For information only
	TER555 Digital rehabilitation and self-management interventions for chronic kidney disease	HTW Topic Exploration Report	November 2024	For information only
	Living Donor Transplantation	SHTG Assessment	December 2024	NHSScotland required to consider
	Summary of publicly-funded fertility preservation services	HIQA Other Evidence Synthesis	October 2024	For information only
Health Service Organisation and Delivery	GUI059 Advanced paramedic practitioners for assessment and treatment of medical emergencies	HTW Guidance	November 2024	For information only
	Living Donor Transplantation	SHTG Assessment	December 2024	NHSScotland required to consider
	Digital Fracture Liaison Service	SHTG Innovative Medical Technology Overview	December 2024	NHSScotland required to consider
	Summary of publicly-funded fertility preservation services	HIQA Other Evidence Synthesis	October 2024	For information only
Infectious Disease	Enhanced inactivated influenza vaccines for over 65s	HIQA Full HTA	October 2024	For information only
Injuries, Accidents and Wounds	Digital Fracture Liaison Service	SHTG Innovative Medical Technology Overview	December 2024	NHSScotland required to consider
Mental and behavioural disorders	TER565 Body-worn sensor monitoring for people receiving inpatient mental health services	HTW Topic Exploration Report	December 2024	For information only
	TER564 Non-contact, room-based monitoring for people receiving inpatient mental health services	HTW Topic Exploration Report	December 2024	For information only
	TER562 Anti-ligature products and devices to reduce suicide and self-harm	HTW Topic Exploration Report	November 2024	For information only

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
	DG60 Digital technologies for assessing attention deficit hyperactivity disorder (ADHD)	NICE Diagnostics Guidance	October 2024	For information only
	FDG PET dementia imaging	SHTG Recommendation	December 2024	NHSScotland required to consider
Musculoskeletal system	IPG795 Direct skeletal fixation of limb prostheses using an intraosseous transcutaneous implant	NICE Interventional Procedures Guidance	December 2024	NHSScotland required to consider
	Digital Fracture Liaison Service	SHTG Innovative Medical Technology Overview	December 2024	NHSScotland required to consider
Nervous system	IPG797 MRI-guided focused ultrasound subthalamotomy for treating Parkinson's	NICE Interventional Procedures Guidance	December 2024	NHSScotland required to consider
	IPG796 MRI-guided focused ultrasound thalamotomy for treating moderate to severe tremor in Parkinson's	NICE Interventional Procedures Guidance	December 2024	NHSScotland required to consider
	Genotype testing to guide clopidogrel use after an ischaemic stroke or transient ischaemic attack (TIA)	SHTG Assessment	October 2024	NHSScotland required to consider
Obstetrics and gynaecology	Genotype testing to guide antibiotic use and prevent hearing loss in neonates	SHTG Assessment	October 2024	NHSScotland required to consider
Paediatrics	Genotype testing to guide antibiotic use and prevent hearing loss in neonates	SHTG Assessment	October 2024	NHSScotland required to consider
Physical disability	IPG795 Direct skeletal fixation of limb prostheses using an intraosseous transcutaneous implant	NICE Interventional Procedures Guidance	December 2024	NHSScotland required to consider
Public health	Enhanced inactivated influenza vaccines for over 65s	HIQA Full HTA	October 2024	For information only
Respiratory System	DG62 Home-testing devices for diagnosing obstructive sleep apnoea hypopnoea syndrome	NICE Diagnostics Guidance	December 2024	For information only
	HTE19 Digital technologies to support self-management of COPD: early value assessment	NICE Health Technology Evaluation	December 2024	For information only

Acknowledgements

This bulletin was developed by the Scottish Health Technologies Group (SHTG) with support from Health Technology Wales (HTW) and the Health Information and Quality Authority (HIQA).

Glossary

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.

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

NICE Medical technologies guidance: evaluates new, innovative medical devices and diagnostics for NHS England.

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

NICE Health technology evaluation ((also known as Early Value Assessment, or EVA): designed to provide recommendations, in the form of NICE guidance, on the use of new and existing medicines, products and treatments in the NHS

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.

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

HIQA Other evidence synthesis: other evidence synthesis includes systematic reviews, rapid reviews, scoping review and other types of analysis

Health Information and Quality Authority (HIQA) Rapid HTA: Health Technology Assessment (HTA) is a multidisciplinary process that uses explicit methods to determine the value of a health technology at different points in its lifecycle. The purpose is to inform decision-making in order to promote an equitable, efficient, and high-quality health system. A rapid HTA examines a number of domains of the EUnetHTA Core Model (rather than all or most of them).