



Healthcare  
Improvement  
Scotland

**SHTG**  
Advice on health  
technologies

# Advice on Health Technologies

Quarterly Bulletin | October 2024

## What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in July 2024 to September 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
- Dermatology
- Digestive system
- Ear, nose, and throat
- Eye
- 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
- Patient experience
- 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](#).

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## Publications

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
Blood and immune system	<a href="#">TER550 Autologous blood microfiltration systems for peri- and post-operative cell</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER534 Fibrin sealants as a means to control bleeding in surgical procedures</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">DG59 CYP2C19 genotype testing to guide clopidogrel use after ischaemic stroke or transient ischaemic attack</a>	NICE Diagnostics Guidance	July 2024	For information only
Cancer	<a href="#">GUI057 Artificial intelligence assisted tools for prostate cancer diagnosis using whole slide biopsy images</a>	HTW Guidance	August 2024	For information only
	<a href="#">GUI055 Artificial Intelligence (AI)-assisted endoscopy in the detection of gastrointestinal cancer and pre-cancerous lesions</a>	HTW Guidance	July 2024	For information only
	<a href="#">TER546 Deontics Cancer MDT solution to streamline and support multi-disciplinary team meetings</a>	HTW Topic Exploration Report	August 2024	For information only

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
	<a href="#">TER530 Wire-Free, nonradioactive localisation techniques to guide surgical excision of nonpalpable breast tumours</a>	HTW Topic Exploration Report	July 2024	For information only
Cardiovascular system	<a href="#">TER550 Autologous blood microfiltration systems for peri- and post-operative cell</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER552 Photo-plethysmography for the management of atrial fibrillation</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">TER547 Pulsed field ablation for atrial fibrillation</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">TER539 Long length peripheral intravenous catheters for patients with difficult intravenous access</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">IPG791 Caval valve implantation for tricuspid regurgitation</a>	NICE Interventional Procedures Guidance	August 2024	NHSScotland required to consider
Caring for older people	<a href="#">TER551 Linus Health Core Cognitive Evaluation digital assessment to detect cognitive impairment</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER537 Virtual reality as a psychological intervention</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER532 Hip protectors for users at risk of falls</a>	HTW Topic Exploration Report	July 2024	For information only
Dermatology	<a href="#">TER529 Store-and-forward teledermatology for triage of primary care referrals</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">TER493 Wearable wound care for hidradenitis suppurativa</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">GUI055 Artificial Intelligence (AI)-assisted endoscopy in the detection of gastrointestinal cancer and pre-cancerous lesions</a>	HTW Guidance	July 2024	For information only
	<a href="#">TER561 Leakage notification systems for stoma care</a>	HTW Topic Exploration Report	September 2024	For information only

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
Ear, Nose and Throat	<a href="#">GUI058 Floseal in the treatment of epistaxis</a>	HTW Guidance	July 2024	For information only
Endocrine, nutritional and metabolic	<a href="#">TER549 Artificial intelligence-interpretation of laboratory test results to predict fatty liver disease in primary care</a>	HTW Topic Exploration Report	July 2024	For information only
Genitourinary system	<a href="#">TER533 Perineal and pelvic rehabilitation for the prevention and treatment of anorectal dysfunction, pelvic organ prolapse and perineal pain in women</a>	HTW Topic Exploration Report	August 2024	For information only
Health Service Organisation and Delivery	<a href="#">TER546 Deontics Cancer MDT solution to streamline and support multi-disciplinary team meetings</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER537 Virtual reality as a psychological intervention</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER478 National Early Warning Score systems (NEWS and NEWS2) for adult patients across the acute care pathway</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">Green Theatres evidence review</a>	SHTG Assessment	July 2024	For information only
Infectious Disease	<a href="#">Health technology assessment of Herpes Zoster (shingles) vaccination</a>	HIQA Full HTA	July 2024	For information only
	<a href="#">Rapid health technology assessment of immunisation against respiratory syncytial virus in Ireland</a>	HIQA Rapid HTA	August 2024	For information only
Injuries, Accidents and Wounds	<a href="#">TER550 Autologous blood microfiltration systems for peri- and post-operative cell</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER538 Micropore particle technology for the treatment of non-healing wounds (Amicapsil)</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER532 Hip protectors for users at risk of falls</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">TER493 Wearable wound care for hidradenitis suppurativa</a>	HTW Topic Exploration Report	July 2024	For information only

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	<a href="#">IPG793 Single-step scaffold insertion for repairing symptomatic chondral knee defects</a>	NICE Interventional Procedures Guidance	September 2024	NHSScotland required to consider
<b>Mental and behavioural disorders</b>	<a href="#">TER537 Virtual reality as a psychological intervention</a>	HTW Topic Exploration Report	August 2024	For information only
<b>Musculoskeletal system</b>	<a href="#">TER532 Hip protectors for users at risk of falls</a>	HTW Topic Exploration Report	July 2024	For information only
	<a href="#">IPG793 Single-step scaffold insertion for repairing symptomatic chondral knee defects</a>	NICE Interventional Procedures Guidance	September 2024	NHSScotland required to consider
<b>Nervous system</b>	<a href="#">DG59 CYP2C19 genotype testing to guide clopidogrel use after ischaemic stroke or transient ischaemic attack</a>	NICE Diagnostics Guidance	July 2024	For information only
<b>Obstetrics and gynaecology</b>	<a href="#">TER533 Perineal and pelvic rehabilitation for the prevention and treatment of anorectal dysfunction, pelvic organ prolapse and perineal pain in women</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER423 Advanced electrosurgical bipolar vessel sealing systems during hysterectomy</a>	HTW Topic Exploration Report	August 2024	For information only
<b>Paediatrics</b>	<a href="#">TER543 Auditory verbal therapy for young children who are deaf and hard of hearing</a>	HTW Topic Exploration Report	August 2024	For information only
	<a href="#">TER537 Virtual reality as a psychological intervention</a>	HTW Topic Exploration Report	August 2024	For information only
<b>Patient experience</b>	<a href="#">TER561 Leakage notification systems for stoma care</a>	HTW Topic Exploration Report	September 2024	For information only
	<a href="#">TER493 Wearable wound care for hidradenitis suppurativa</a>	HTW Topic Exploration Report	July 2024	For information only
<b>Physical disability</b>	<a href="#">TER561 Leakage notification systems for stoma care</a>	HTW Topic Exploration Report	September 2024	For information only
	<a href="#">TER543 Auditory verbal therapy for young children who are deaf and hard of hearing</a>	HTW Topic Exploration Report	August 2024	For information only

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
Public health	<a href="#">TER531 Interventions to prevent and reduce gang-related violence in children and young adults</a>	HTW Topic Exploration Report	July 2024	For information only
Respiratory System	<a href="#">IPG790 Phrenic nerve pacing for congenital central hypoventilation syndrome</a>	NICE Interventional Procedures Guidance	August 2024	NHSScotland required to consider
	<a href="#">IPG792 Phrenic nerve pacing for ventilator-dependent high cervical spinal cord injury</a>	NICE Interventional Procedures Guidance	August 2024	NHSScotland required to consider
	<a href="#">Health technology assessment of Herpes Zoster (shingles) vaccination</a>	HIQA Full HTA	July 2024	For information only
	<a href="#">Rapid health technology assessment of immunisation against respiratory syncytial virus in Ireland</a>	HIQA Rapid HTA	August 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).