



Healthcare  
Improvement  
Scotland

**SHTG**  
Advice on health  
technologies

# Advice on Health Technologies

Quarterly Bulletin | October 2023

## What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in July 2023 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
- Digestive system
- Endocrine, nutritional and metabolic
- Genitourinary system
- Health service organisation and delivery
- Infectious diseases
- Injuries, accidents and wounds
- Mental and behavioural disorders
- Musculoskeletal system
- Nervous system
- Obstetrics and gynaecology
- Patient experience
- Public health
- Respiratory system

Advice and guidance are 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 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
<b>Blood and immune system</b>	<a href="#">IPG771: Cryotherapy for chronic rhinitis</a>	NICE Interventional Procedures Guidance	September 2023	<b>NHS Scotland required to consider</b>
<b>Cancer</b>	<a href="#">TER473: Hyperspectral imaging for the detection of cutaneous melanoma</a>	HTW Topic Exploration Report	September 2023	For information only
	<a href="#">TER480: Artificial intelligence assisted tools for prostate cancer diagnosis using whole slide biopsy images</a>	HTW Topic Exploration Report	September 2023	For information only
	<a href="#">HTE12: Artificial intelligence-derived software to analyse chest X-rays for suspected lung cancer in primary care referrals: early value assessment</a>	NICE Health Technology Evaluation	September 2023	For information only
	<a href="#">HTE11: Artificial intelligence technologies to aid contouring for radiotherapy treatment planning: early value assessment</a>	NICE Health Technology Evaluation	September 2023	For information only
	<a href="#">IPG772: Removal, preservation and reimplantation of ovarian tissue for restoring fertility after gonadotoxic treatment</a>	NICE Interventional Procedures Guidance	September 2023	For information only
	<a href="#">DG56: Quantitative faecal immunochemical testing to guide colorectal cancer pathway referral in primary care</a>	NICE Diagnostics Guidance	August 2023	For information only
	<a href="#">DG55: AI-derived computer-aided detection (CAD) software for detecting and measuring lung nodules in CT scan images</a>	NICE Diagnostics Guidance	July 2023	For information only
	<a href="#">IPG768: Irreversible electroporation for treating prostate cancer</a>	NICE Interventional Procedures Guidance	July 2023	<b>NHS Scotland required to consider</b>
	<b>Cardiovascular system</b>	<a href="#">HTE10: KardiaMobile 6L for measuring cardiac QT interval in adults having antipsychotic medication</a>	NICE Health Technology Evaluation	September 2023

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
	<a href="#"><u>IPG769: Aortic valve reconstruction with glutaraldehyde-treated autologous pericardium for aortic valve disease</u></a>	NICE Interventional Procedures Guidance	August 2023	<b>NHS Scotland required to consider</b>
<b>Caring for Older People</b>	<a href="#"><u>TER471: Digital cognitive assessment tools to detect early-stage impairment caused by neurodegenerative disorders</u></a>	HTW Topic Exploration Report	September 2023	For information only
<b>Dermatology</b>	<a href="#"><u>TER473: Hyperspectral imaging for the detection of cutaneous melanoma</u></a>	HTW Topic Exploration Report	September 2023	For information only
<b>Digestive system</b>	<a href="#"><u>DG56: Quantitative faecal immunochemical testing to guide colorectal cancer pathway referral in primary care</u></a>	NICE Diagnostics Guidance	August 2023	For information only
<b>Ear, nose and throat</b>	<a href="#"><u>TER470: FloSeal in the treatment of epistaxis</u></a>	HTW Topic Exploration Report	September 2023	For information only
	<a href="#"><u>IPG771: Cryotherapy for chronic rhinitis</u></a>	NICE Interventional Procedures Guidance	September 2023	<b>NHS Scotland required to consider</b>
<b>Endocrine, nutritional and metabolic</b>	<a href="#"><u>Rapid Health Technology Assessment of Continuous Glucose Monitoring in Adults with Type 1 Diabetes Mellitus</u></a>	HIQA Advice	September 2023	For information only
<b>Eye</b>	<a href="#"><u>GUI049: Myopia-control contact lenses and spectacles for the treatment of myopia in children</u></a>	HTW Guidance	September 2023	For information only
	<a href="#"><u>TER467: Photobiomodulation therapy for dry age-related macular degeneration</u></a>	HTW Topic Exploration Report	September 2023	For information only
	<a href="#"><u>TER469: Digital tools for the remote assessment of visual acuity</u></a>	HTW Topic Exploration Report	September 2023	For information only
<b>Genitourinary system</b>	<a href="#"><u>TER480: Artificial intelligence assisted tools for prostate cancer diagnosis using whole slide biopsy images</u></a>	HTW Topic Exploration Report	September 2023	For information only
	<a href="#"><u>IPG770: Transurethral water-jet ablation for lower urinary tract symptoms caused by benign prostatic hyperplasia</u></a>	NICE Interventional Procedures Guidance	September 2023	<b>NHS Scotland required to consider</b>

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
	<u>IPG768: Irreversible electroporation for treating prostate cancer</u>	NICE Interventional Procedures Guidance	July 2023	<b>NHS Scotland required to consider</b>
<b>Health Service Organisation and Delivery</b>	<u>An evidence review on multidisciplinary team support in primary care</u>	SHTG Assessment	July 2023	<b>NHS Scotland required to consider</b>
	<u>Cost calculator for UK Outpatient Parenteral Antimicrobial Therapy (OPAT) services</u>	SHTG Assessment	July 2023	<b>NHS Scotland required to consider</b>
	<u>Rapid health technology assessment of the extension of the seasonal influenza vaccination programme to include those aged 50 to 64 years (general population)</u>	HIQA Advice	August 2023	For information only
	<u>HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</u>	HIQA Advice	July 2023	For information only
<b>Mental and behavioural disorders</b>	<u>TER471: Digital cognitive assessment tools to detect early-stage impairment caused by neurodegenerative disorders</u>	HTW Topic Exploration Report	September 2023	For information only
	<u>HTE10: KardiaMobile 6L for measuring cardiac QT interval in adults having antipsychotic medication</u>	NICE Health Technology Evaluation	September 2023	For information only
<b>Musculoskeletal System</b>	<u>A slot-scanning, biplanar, digital X-ray imaging system for the evaluation and monitoring of orthopaedic conditions</u>	HIQA Advice	July 2023	For information only
<b>Obstetrics and Gynaecology</b>				
	<u>TER466: Robot-assisted benign gynaecological surgery</u>	HTW Topic Exploration Report	September 2023	For information only
	<u>IPG772: Removal, preservation and reimplantation of ovarian tissue for restoring fertility after gonadotoxic treatment</u>	NICE Interventional Procedures Guidance	September 2023	<b>NHS Scotland required to consider</b>

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
<b>Paediatrics</b>	<u>HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</u>	HIQA Advice	July 2023	For information only
<b>Patient experience</b>	<u>TER465: Pre-emptive pharmacogenetic (PGx) testing using a multiple gene panel to guide treatment and reduce adverse drug reactions</u>	HTW Topic Exploration Report	September 2023	For information only
	<u>Multidisciplinary community based respiratory care services for patients with chronic respiratory conditions</u>	SHTG Assessment	August 2023	<b>NHS Scotland required to consider</b>
<b>Public health</b>	<u>Analysis of public consultation surveys to inform the work of the Public Health Reform Expert Advisory Group</u>	HIQA Advice	September 2023	For information only
	<u>Rapid health technology assessment of the extension of the seasonal influenza vaccination programme to include those aged 50 to 64 years (general population)</u>	HIQA Advice	August 2023	For information only
	<u>HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</u>	HIQA Advice	July 2023	For information only
<b>Respiratory system</b>	<u>HTE12: Artificial intelligence-derived software to analyse chest X-rays for suspected lung cancer in primary care referrals: early value assessment</u>	NICE Health Technology Evaluation	September 2023	For information only
	<u>DG55: AI-derived computer-aided detection (CAD) software for detecting and measuring lung nodules in CT scan images</u>	NICE Diagnostics Guidance	July 2023	For information only
	<u>Multidisciplinary community based respiratory care services for patients with chronic respiratory conditions</u>	SHTG Assessment	August 2023	<b>NHS Scotland required to consider</b>

## Acknowledgements

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

## Glossary

**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

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

**NICE Health Technology Evaluation:** rapid assessment of digital products, devices and diagnostics (also known as Early Value Assessment, or EVA). Provides guidance on value of a technology and recommendations for use whilst further evidence is generated

**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

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

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

**SHTG Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland

## 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	