



Healthcare  
Improvement  
Scotland

**SHTG**  
Advice on health  
technologies

# Advice on Health Technologies

Quarterly Bulletin | July 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
Blood and immune system	<a href="#">IPG755: Percutaneous thoracic duct embolisation for persistent chyle leak</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
Cancer	<a href="#">TER463: Artificial Intelligence (AI)-assisted endoscopy in the detection of gastrointestinal cancer and pre-cancerous conditions</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">TER456: Internet-based cognitive behavioural therapy for mild-to-moderate depression or anxiety in people with breast cancer and survivors of breast cancer.</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">TER419: Low energy contact X-ray brachytherapy (CXB) for the treatment of early stage rectal cancer</a>	HTW Topic Exploration Report <sup>2</sup>	April 2023	For information only
	<a href="#">IPG763: Intraoperative electron beam radiotherapy for locally advanced and locally recurrent colorectal cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
	<a href="#">IPG757: Maximal cytoreductive surgery for advanced ovarian cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
	<a href="#">IPG758: Radiofrequency ablation for palliation of painful spinal metastases</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
	<a href="#">IPG756: Focal therapy using high-intensity focused ultrasound for localised prostate cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
	<a href="#">IPG759: Radiofrequency ablation as an adjunct to balloon kyphoplasty or percutaneous vertebroplasty for palliation of painful spinal metastases</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
	<a href="#">DG54: Transperineal biopsy for diagnosing prostate cancer</a>	NICE Diagnostics Guidance <sup>3</sup>	June 2023	For information only
	<a href="#">DG53: MRI fusion biopsy systems for diagnosing prostate cancer</a>	NICE Diagnostics Guidance <sup>3</sup>	May 2023	For information only

<sup>1</sup>**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

<sup>2</sup>**HTW Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration in Wales

<sup>3</sup>**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

Area of Work / Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
Cardiovascular system	<a href="#">TER462: IVUS (Intravascular ultrasound) to guide percutaneous coronary intervention (PCI) for people with cardiovascular conditions</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">DG52: Automated ankle brachial pressure index measurement devices to detect peripheral arterial disease in people with leg ulcers</a>	NICE Diagnostics Guidance <sup>3</sup>	May 2023	For information only
Digestive system	<a href="#">TER463: Artificial Intelligence (AI)-assisted endoscopy in the detection of gastrointestinal cancer and pre-cancerous conditions.</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">TER419: Low energy contact X-ray brachytherapy (CXB) for the treatment of early stage rectal cancer</a>	HTW Topic Exploration Report <sup>2</sup>	April 2023	For information only
	<a href="#">IPG764: Endoscopic ultrasound-guided gallbladder drainage for acute cholecystitis when surgery is not an option</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
	<a href="#">IPG763: Intraoperative electron beam radiotherapy for locally advanced and locally recurrent colorectal cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
	<a href="#">IPG761: Endoscopic ultrasound-guided biliary drainage for biliary obstruction</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
Endocrine, nutritional and metabolic	<a href="#">TER450: MyDiabetesMyWay, a digital tool for diabetes management and education</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">DG48: FibroScan for assessing liver fibrosis and cirrhosis outside secondary and specialist care</a>	NICE Diagnostics Guidance <sup>3</sup>	June 2023	For information only
	<a href="#">A review of the clinical and cost effectiveness evidence for a digital type 2 diabetes remission programme in Scotland</a>	SHTG Assessment <sup>4</sup>	June 2023	<b>NHSScotland required to consider</b>
Genitourinary system	<a href="#">TER461: Urolon, a bioresorbable urethral bulking agent for the treatment of stress urinary incontinence (SUI) among adult females.</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">DG54: Transperineal biopsy for diagnosing prostate cancer</a>	NICE Diagnostics Guidance <sup>3</sup>	June 2023	For information only
	<a href="#">HTE7: Point-of-care tests for urinary tract infections to improve antimicrobial prescribing: early value assessment</a>	NICE Health Technology Evaluation <sup>5</sup>	May 2023	For information only

<sup>4</sup> **SHTG Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland.

<sup>5</sup> **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.

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	<a href="#">IPG766: Botulinum toxin type A injections into the urethral sphincter for idiopathic chronic non-obstructive urinary retention</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
	<a href="#">IPG756: Focal therapy using high-intensity focused ultrasound for localised prostate cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
Health service organisation and delivery	<a href="#">TER464: MeMed BV testing to differentiate between acute bacterial and viral infection of the respiratory tract in the Hospital setting</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">TER450: MyDiabetesMyWay, a digital tool for diabetes management and education</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">DG48: FibroScan for assessing liver fibrosis and cirrhosis outside secondary and specialist care</a>	NICE Diagnostics Guidance <sup>3</sup>	June 2023	For information only
	<a href="#">A review of the clinical and cost effectiveness evidence for a digital type 2 diabetes remission programme in Scotland</a>	SHTG Assessment <sup>4</sup>	June 2023	<b>NHSScotland required to consider</b>
	<a href="#">HTA of Domiciliary Invasive Ventilation for Adults with Spinal Cord Injuries</a>	HIQA Advice <sup>6</sup>	June 2023	For information only
Infectious diseases	<a href="#">TER464: MeMed BV testing to differentiate between acute bacterial and viral infection of the respiratory tract in the Hospital setting</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
Injuries, accidents and wounds	<a href="#">TER460: Spinal cord stimulation for adults with chronic chemotherapy-induced peripheral neuropathy.</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">DG52: Automated ankle brachial pressure index measurement devices to detect peripheral arterial disease in people with leg ulcers</a>	NICE Diagnostics Guidance <sup>3</sup>	May 2023	For information only
	<a href="#">IPG762: Intramuscular diaphragm stimulation for ventilator-dependent chronic respiratory failure from high spinal cord injuries</a>	NICE Interventional Procedures Guidance <sup>1</sup>	May 2023	For information only
	<a href="#">IPG755: Percutaneous thoracic duct embolisation for persistent chyle leak</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
	<a href="#">HTA of Domiciliary Invasive Ventilation for Adults with Spinal Cord Injuries</a>	HIQA Advice <sup>6</sup>	June 2023	For information only

<sup>6</sup> 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
<b>Mental and behavioural disorders</b>	<a href="#">TER456: Internet-based cognitive behavioural therapy for mild-to-moderate depression or anxiety in people with breast cancer and survivors of breast cancer</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">HTE9: Digitally enabled therapies for adults with anxiety disorders: early value assessment</a>	NICE Health Technology Evaluation <sup>5</sup>	May 2023	For information only
	<a href="#">HTE8: Digitally enabled therapies for adults with depression: early value assessment</a>	NICE Health Technology Evaluation <sup>5</sup>	May 2023	For information only
<b>Musculoskeletal system</b>	<a href="#">IPG767: Radiofrequency denervation for osteoarthritic knee pain</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
	<a href="#">IPG765: Minimally invasive fusionless posterior-approach surgery to correct idiopathic scoliosis in children and young people</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
	<a href="#">MTG76: AposHealth for knee osteoarthritis</a>	NICE Medical Technologies Guidance <sup>7</sup>	April 2023	For information only
<b>Nervous system</b>	<a href="#">TER460: Spinal cord stimulation for adults with chronic chemotherapy-induced peripheral neuropathy.</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">HTA of Domiciliary Invasive Ventilation for Adults with Spinal Cord Injuries</a>	HIOA Advice <sup>6</sup>	June 2023	For information only
<b>Obstetrics and gynaecology</b>	<a href="#">IPG757: Maximal cytoreductive surgery for advanced ovarian cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	April 2023	For information only
<b>Patient experience</b>	<a href="#">TER444: Smart peak flow meters for monitoring asthma.</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">TER450: MyDiabetesMyWay, a digital tool for diabetes management and education</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<a href="#">TER456: Internet-based cognitive behavioural therapy for mild-to-moderate depression or anxiety in people with breast cancer and survivors of breast cancer</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
<b>Physical disability</b>	<a href="#">IPG765: Minimally invasive fusionless posterior-approach surgery to correct idiopathic scoliosis in children and young people</a>	NICE Interventional Procedures Guidance <sup>1</sup>	June 2023	For information only
<b>Respiratory system</b>	<a href="#">TER464: MeMed BV testing to differentiate between acute bacterial and viral infection of the respiratory tract in the Hospital setting</a>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only

<sup>7</sup> NICE Medical technologies guidance: evaluates new, innovative medical devices and diagnostics for NHS England.

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	<u>TER444: Smart peak flow meters for monitoring asthma.</u>	HTW Topic Exploration Report <sup>2</sup>	June 2023	For information only
	<u>IPG762: Intramuscular diaphragm stimulation for ventilator-dependent chronic respiratory failure from high spinal cord injuries</u>	NICE Interventional Procedures Guidance <sup>2</sup>	May 2023	For information only
	<u>IPG760: Daytime intraoral neuromuscular electrical tongue stimulation using a removable device for obstructive sleep apnoea</u>	NICE Interventional Procedures Guidance <sup>2</sup>	April 2023	For information only

## Acknowledgements

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

## 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	