



# Advice on Health Technologies

## Quarterly Bulletin | April 2023

### What is the purpose of this bulletin?

Health Technology Wales (HTW) produces this bulletin to support decision making on health technologies within NHS Wales. The bulletin lists HTW reports and Guidance on health technologies published in January – March 2023. It also includes recent technology assessments undertaken by other health technology assessment (HTA) agencies across the UK, Ireland and Europe.

### 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 specialties are covered this quarter?

Blood and immune system.....	2	Health service organisation and delivery.....	5
Cancer.....	2	Infectious diseases.....	6
Cardiovascular system.....	3	Injuries, accidents and wounds.....	6
Caring for older people.....	4	Mental and behavioural disorders.....	6
COVID-19.....	4	Mouth and dental.....	7
Dermatology.....	4	Musculoskeletal system.....	7
Digestive system.....	4	Nervous system.....	7
Ear, nose and throat.....	4	Obstetrics and gynaecology.....	8
Endocrine, nutritional and metabolic.....	5	Paediatrics.....	8
Eye.....	5	Public health.....	8
Genitourinary system.....	5	Respiratory system.....	8

Advice and guidance is ordered by specialty, categorisation [follows the main specialties listed here](#).

### What advice is NHS Wales required to consider?

The advice and guidance NHS Wales is **required to consider** is highlighted in the 'Status' column below.

## What next?

- If any of the technology assessments listed are of relevance to current policy, planning and clinical decisions within NHS Wales and you would like to discuss their relevance, please contact HTW: <https://www.healthtechnology.wales/contact/#>
- If you would like to refer a technology to HTW for assessment, please complete the 'Suggest a topic' submission form: <https://www.healthtechnology.wales/suggest-a-topic/>

## Information and Guidance on Health Technologies (January 2023 – March 2023)

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Blood and immune system	TER441: <a href="#">AI-assisted ultrasounds for the detection of deep vein thrombosis (DVT)</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER427: <a href="#">Liposuction for chronic lymphoedema</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">HTA of the addition of severe combined immunodeficiency (SCID) to the National Newborn Bloodspot Screening Programme</a>	HIQA Advice <sup>2</sup>	January 2023	For information only
Cancer	GUI044: <a href="#">Photobiomodulation for the prevention and treatment of oral mucositis associated with cancer treatment</a>	HTW Guidance <sup>3</sup>	March 2023	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
	TER426: <a href="#">Stereotactic ablative body radiotherapy (SABR) for locally advanced exocrine pancreatic cancer</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only
	IPG752: <a href="#">Biodegradable spacer insertion to reduce rectal toxicity during radiotherapy for prostate cancer</a>	NICE Interventional Procedures Guidance <sup>4</sup>	February 2023	For information only
	<a href="#">Consideration of selective internal radiation therapies (SIRT) for treating primary hepatocellular carcinoma (liver cancer)</a>	SHTG Assessment <sup>5</sup>	February 2023	For information only

<sup>1</sup> **HTW Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration in Wales.

<sup>2</sup> **Health Information and Quality Authority (HIQA) Advice:** summarises clinical and cost-effectiveness evidence and implications for the health technology in Ireland.

<sup>3</sup> **HTW Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales.

<sup>4</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>5</sup> **SHTG Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	<a href="#">Store-and-forward teledermatology for triage of primary care referrals</a>	SHTG Assessment <sup>5</sup>	February 2023	For information only
	<a href="#">A rapid HTA of gene expression profiling tests for guiding the use of adjuvant chemotherapy in early-stage invasive breast cancer</a>	HIQA Advice <sup>2</sup>	February 2023	For information only
Cardiovascular system	TER441: <a href="#">AI-assisted ultrasounds for the detection of deep vein thrombosis (DVT)</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER435: <a href="#">Cyanoacrylate glue occlusion for varicose veins</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER434: <a href="#">Electrical stimulation to improve muscle strength and associated outcomes for people with chronic respiratory conditions, chronic heart failure and chronic kidney disease</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER430: <a href="#">Percutaneous implantation of pulmonary artery pressure sensors for monitoring treatment of chronic heart failure</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER427: <a href="#">Liposuction for chronic lymphoedema</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER404: <a href="#">Retinal-based AI-enabled tool to triage people at risk of cardiovascular disease</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER318: <a href="#">Ambulatory patch electrocardiography monitoring devices used to detect cardiac arrhythmias</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER425: <a href="#">Leadless cardiac pacemakers for bradyarrhythmias due to contraindications for conventional pacemakers</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only
	IPG754: <a href="#">Percutaneous transluminal renal sympathetic denervation for resistant hypertension</a>	NICE Interventional Procedures Guidance <sup>4</sup>	March 2023	For information only

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Caring for older people	TER407: <a href="#">Personal SOS alarm wearables for vulnerable and/or older people</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER406: <a href="#">Passive monitoring technologies to support the independence of older adults living alone by identifying changes from normal routines and the need for assistance</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only
COVID-19	<a href="#">International review of the epidemiology of long COVID</a>	HIQA Advice <sup>2</sup>	January 2023	For information only
Dermatology	TER410/411: <a href="#">Digital tools for the monitoring and management of wounds</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
	<a href="#">Store-and-forward teledermatology for triage of primary care referrals</a>	SHTG Assessment <sup>5</sup>	February 2023	For information only
Digestive system	MIB317: <a href="#">LIVERFAST for assessing and monitoring liver fibrosis, activity and steatosis</a>	NICE Medtech Innovation Briefing <sup>7</sup>	February 2023	For information only
	MIB313: <a href="#">PredictSURE IBD for inflammatory bowel disease prognosis: ulcerative colitis</a>	NICE Medtech Innovation Briefing <sup>7</sup>	January 2023	For information only
	IPG753: <a href="#">Endoluminal gastroplication for gastro-oesophageal reflux disease</a>	NICE Interventional Procedures Guidance <sup>4</sup>	March 2023	For information only
	IPG751: <a href="#">Transvenous obliteration for gastric varices</a>	NICE Interventional Procedures Guidance <sup>4</sup>	February 2023	For information only
	IPG749: <a href="#">Laparoscopic insertion of a magnetic ring for gastro-oesophageal reflux disease</a>	NICE Interventional Procedures Guidance <sup>4</sup>	January 2023	For information only
Ear, nose and throat	TER436: <a href="#">Balloon dilation for chronic eustachian tube dysfunction</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER301: <a href="#">Active middle ear hearing implants for complex hearing conditions</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only

<sup>6</sup> **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.

<sup>7</sup> **NICE Medtech Innovation Briefing:** offers support for NHS England when considering using new medical devices and other medical or diagnostic technologies.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	MIB316: <a href="#">Ambu aScope 4 RhinoLaryngo for visualising upper airways during rhinolaryngoscopy</a>	NICE Medtech Innovation Briefing <sup>7</sup>	February 2023	For information only
Endocrine, nutritional and metabolic	MIB320: <a href="#">Macimorelin for diagnosing growth hormone deficiency</a>	NICE Medtech Innovation Briefing <sup>7</sup>	March 2023	For information only
	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
Eye	IPG750: <a href="#">Trabeculectomy with a biodegradable collagen matrix implant for glaucoma</a>	NICE Interventional Procedures Guidance <sup>4</sup>	January 2023	For information only
Genitourinary system	TER434: <a href="#">Electrical stimulation to improve muscle strength and associated outcomes for people with chronic respiratory conditions, chronic heart failure and chronic kidney disease</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	MIB315: <a href="#">Aquablation robotic therapy for lower urinary tract symptoms caused by benign prostatic hyperplasia</a>	NICE Medtech Innovation Briefing <sup>7</sup>	January 2023	For information only
	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
Health service organisation and delivery	TER338: <a href="#">Digital companion robots to deliver remote care</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER391: <a href="#">Electronic prescribing and medicines administration systems for all secondary care inpatient and outpatient, including paediatric, settings</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER386: <a href="#">Solution-focused assessment tools for improving the management and treatment of people with severe mental illness within secondary mental health services</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	TER371: <a href="#">Clinical decision support software (CDSS) during emergency telephone triage for people identified as lower urgency who may be able to be signposted to alternative care pathways</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only
	TER360: <a href="#">Co-ordinated treatment or management plans for people with multi-morbidities</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only
	MIB314: <a href="#">Ambu aScope 4 Broncho for routine diagnostic and therapeutic bronchoscopy</a>	NICE Medtech Innovation Briefing <sup>7</sup>	January 2023	For information only
	<a href="#">Store-and-forward teledermatology for triage of primary care referrals</a>	SHTG Assessment <sup>5</sup>	February 2023	For information only
	<a href="#">HTA of Domiciliary Invasive Ventilation for Adults with Spinal Cord Injuries</a>	HIQA Advice <sup>2</sup>	February 2023	For information only
Infectious diseases	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
Injuries, accidents and wounds	TER410/411: <a href="#">Digital tools for the monitoring and management of wounds.</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
	<a href="#">HTA of Domiciliary Invasive Ventilation for Adults with Spinal Cord Injuries</a>	HIQA Advice <sup>2</sup>	February 2023	For information only
Mental and behavioural disorders	TER386: <a href="#">Solution-focused assessment tools for improving the management and treatment of people with severe mental illness within secondary mental health services</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER352: <a href="#">Digitally delivered psychological therapies for the treatment of depression</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	MIB318: <a href="#">QbTest for the assessment of attention deficit hyperactivity disorder (ADHD)</a>	NICE Medtech Innovation Briefing <sup>7</sup>	March 2023	For information only

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	IPG748: <a href="#">Transcutaneous electrical stimulation of the trigeminal nerve for ADHD</a>	NICE Interventional Procedures Guidance <sup>4</sup>	January 2023	For information only
	<a href="#">An assessment of the Feeling Good app</a>	SHTG Assessment <sup>5</sup>	February 2023	For information only
Mouth and dental	GUI044: <a href="#">Photobiomodulation for the prevention and treatment of oral mucositis associated with cancer treatment</a>	HTW Guidance <sup>3</sup>	March 2023	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
Musculoskeletal system	TER396: <a href="#">Remote digital pose estimation for orthopaedic injury or surgery</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER434: <a href="#">Electrical stimulation to improve muscle strength and associated outcomes for people with chronic respiratory conditions, chronic heart failure and chronic kidney disease</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	MIB319: <a href="#">BPM pathway for rehabilitation support in joint replacement surgery</a>	NICE Medtech Innovation Briefing <sup>7</sup>	March 2023	For information only
	<a href="#">Orthotic bracing for the treatment of idiopathic scoliosis in children and young people (&lt;18 years)</a>	SHTG Assessment <sup>5</sup>	January 2023	For information only
Nervous system	TER317: <a href="#">Single pulse transcranial magnetic stimulation for the acute treatment or prevention of migraines</a>	HTW Topic Exploration Report <sup>1</sup>	March 2023	For information only
	TER432: <a href="#">Gracilis free-functioning muscle transfer (FFMT) to restore upper limb function in brachial plexus injury</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	TER429: <a href="#">Stereotactic radiosurgery for trigeminal neuralgia</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	IPG747: <a href="#">Percutaneous image-guided cryoablation of peripheral neuroma for chronic pain</a>	NICE Interventional Procedures Guidance <sup>4</sup>	January 2023	For information only



Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Obstetrics and gynaecology	<a href="#">Placental growth factor (PIGF)-based testing to help diagnose suspected preterm pre-eclampsia</a>	SHTG Recommendation <sup>6</sup>	March 2023	For information only
Paediatrics	<a href="#">TER391: Electronic prescribing and medicines administration systems for all secondary care inpatient and outpatient, including paediatric, settings</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
	<a href="#">Orthotic bracing for the treatment of idiopathic scoliosis in children and young people (&lt;18 years)</a>	SHTG Assessment <sup>5</sup>	January 2023	For information only
	<a href="#">HTA of the addition of severe combined immunodeficiency (SCID) to the National Newborn Bloodspot Screening Programme</a>	HIQA Advice <sup>2</sup>	January 2023	For information only
Public health	<a href="#">TER407: Personal SOS alarm wearables for vulnerable and/or older people</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">TER406: Passive monitoring technologies to support the independence of older adults living alone by identifying changes from normal routines and the need for assistance</a>	HTW Topic Exploration Report <sup>1</sup>	January 2023	For information only
Respiratory system	<a href="#">TER440: Smart inhalers for people with asthma and other respiratory conditions</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">TER434: Electrical stimulation to improve muscle strength and associated outcomes for people with chronic respiratory conditions, chronic heart failure and chronic kidney disease</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	<a href="#">TER431: Ex-vivo lung perfusion for advanced pulmonary disease</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only



Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	TER428: <a href="#">Endoscopic balloon dilation for subglottic or tracheal stenosis</a>	HTW Topic Exploration Report <sup>1</sup>	February 2023	For information only
	MIB314 <a href="#">Ambu aScope 4 Broncho for routine diagnostic and therapeutic bronchoscopy</a>	NICE Medtech Innovation Briefing <sup>7</sup>	January 2023	For information only
	<a href="#">Bacteriophage therapy for patients with difficult to treat bacterial infections</a>	SHTG Recommendation <sup>6</sup>	February 2023	For information only
	<a href="#">HTA of Domiciliary Invasive Ventilation for Adults with Spinal Cord Injuries</a>	HIQA Advice <sup>2</sup>	February 2023	For information only

## Acknowledgements

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