



# Advice on Health Technologies

## Quarterly Bulletin | January 2024

### 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 October–December 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	Infectious disease.....	4
Cancer .....	2	Mental and behavioural disorders .....	4
Cardiovascular System .....	3	Musculoskeletal system .....	4
Caring for older people .....	3	Obstetrics and gynaecology .....	4
COVID-19.....	3	Paediatrics.....	4
Digestive system .....	3	Physical disability.....	5
Endocrine, Nutritional, and Metabolic .....	3	Public health.....	5
Health service organisation and delivery.....	4	Respiratory system.....	5

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 (October – December 2023)

Speciality	Technology Assessment	Agency/Product	Date Published	Status in NHS Wales
Blood and immune system	<a href="#">IPG779 Middle meningeal artery embolisation for chronic subdural haematomas</a>	NICE Interventional procedures guidance <sup>1</sup>	December 2023	For information only
	<a href="#">Health technology assessment of the addition of spinal muscular atrophy (SMA) to the National Newborn Bloodspot Screening Programme</a>	HIQA Full HTA <sup>2</sup>	November 2023	For information only
Cancer	<a href="#">TER503 Permanent implant brachytherapy devices for unresectable pancreatic cancer</a>	HTW Topic Exploration Report <sup>3</sup>	December 2023	For information only
	<a href="#">TER437 Clinical decision support software with integrated AI for the management of patients with incidental pulmonary nodules identified on chest CT scans (Optellum Virtual Node Clinic)</a>	HTW Topic Exploration Report <sup>3</sup>	December 2023	For information only
	<a href="#">Capsule sponge technologies for the detection of Barrett's oesophagus and early stage oesophageal cancer</a>	SHTG Assessment <sup>4</sup>	December 2023	For information only
	<a href="#">Tumour profiling tests to guide adjuvant chemotherapy decisions for patients with early breast cancer</a>	SHTG Recommendation <sup>5</sup>	October 2023	For information only

<sup>1</sup> **National Institute for Health and Care Excellence (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> **Health Information and Quality Authority (HIQA) Full 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 Full HTA examines all (or most) domains of the EUnetHTA Core Model.

<sup>3</sup> **Health Technology Wales (HTW) Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration by HTW.

<sup>4</sup> **Scottish Health Technologies Group (SHTG) Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland.

<sup>5</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.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	<a href="#">The staging of primary prostate cancer and the restaging of recurrent prostate cancer: Evidence synthesis to support a generic justification decision</a>	HIQA Other Evidence Synthesis <sup>6</sup>	December 2023	For information only
	<a href="#">Ultra-hypofractionated adjuvant radiotherapy for breast cancer: evidence synthesis to support a generic justification decision</a>	HIQA Other Evidence Synthesis <sup>6</sup>	November 2023	For information only
Cardiovascular System	<a href="#">GUI052 Percutaneous implantation of pulmonary artery pressure sensors</a>	HTW Guidance <sup>7</sup>	December 2023	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
	<a href="#">EAR042 Radiofrequency renal denervation to treat people with resistant hypertension</a>	HTW Evidence Appraisal Report <sup>8</sup>	December 2023	For information only
	<a href="#">IPG778 Percutaneous thrombectomy for intermediate-risk or high-risk pulmonary embolism</a>	NICE Interventional procedures guidance <sup>1</sup>	November 2023	For information only
	<a href="#">IPG777 Percutaneous transarterial carotid artery stent placement for asymptomatic extracranial carotid stenosis</a>	NICE Interventional procedures guidance <sup>1</sup>	November 2023	For information only
	<a href="#">IPG773 Percutaneous deep venous arterialisation for chronic limb-threatening ischaemia</a>	NICE Interventional procedures guidance <sup>1</sup>	October 2023	For information only
Caring for older people	<a href="#">The cost-effectiveness of the Scottish Hip Fracture Audit</a>	SHTG Assessment <sup>4</sup>	November 2023	For information only
COVID-19	<a href="#">Technology-Enabled Theatre Scheduling Systems</a>	SHTG Assessment <sup>4</sup>	December 2023	For information only
Digestive system	<a href="#">TER507 Automated pH testing to verify placement of nasogastric feeding tubes</a>	HTW Topic Exploration Report <sup>3</sup>	December 2023	For information only
	<a href="#">Capsule sponge technologies for the detection of Barrett's oesophagus and early stage oesophageal cancer</a>	SHTG Assessment <sup>4</sup>	December 2023	For information only
Endocrine, Nutritional, and Metabolic	<a href="#">TER503 Permanent implant brachytherapy devices for unresectable pancreatic cancer</a>	HTW Topic Exploration Report <sup>3</sup>	December 2023	For information only

<sup>6</sup> **HIQA Other Evidence Synthesis:** other evidence synthesis includes systematic reviews, rapid reviews, scoping review and other types of analysis.

<sup>7</sup> **HTW Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales.

<sup>8</sup> **HTW Evidence Appraisal Report:** based on rapid systematic literature searches, with the aim of published evidence identifying the best clinical and economic evidence.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	<a href="#">HTE14 Digital technologies for delivering specialist weight-management services to manage weight-management medicine: early value assessment</a>	NICE Health Technology Evaluation <sup>9</sup>	October 2023	For information only
	<a href="#">Digital prevention programme for people at risk of developing type 2 diabetes</a>	SHTG Assessment <sup>4</sup>	December 2023	For information only
Health service organisation and delivery	<a href="#">HTE13 Virtual ward platform technologies for acute respiratory infections</a>	NICE Health technology evaluation <sup>9</sup>	October 2023	For information only
	<a href="#">Technology-Enabled Theatre Scheduling Systems</a>	SHTG Assessment <sup>4</sup>	December 2023	For information only
	<a href="#">The cost-effectiveness of the Scottish Hip Fracture Audit</a>	SHTG Assessment <sup>4</sup>	November 2023	For information only
	<a href="#">Priorities for the north imaging alliance</a>	SHTG Assessment <sup>4</sup>	October 2023	For information only
Infectious disease	<a href="#">Overview of multiplex antigen near-patient tests for acute respiratory infections</a>	HIQA Other Evidence Synthesis <sup>6</sup>	October 2023	For information only
Mental and behavioural disorders	<a href="#">GUI050 Solution-focused assessment tools for improving the treatment of people with severe mental illness within secondary mental health services</a>	HTW Guidance <sup>7</sup>	December 2023	<b>NHS Wales should adopt this guidance or justify why it has not been followed.</b>
	<a href="#">HTE15 Virtual reality technologies for treating agoraphobia or agoraphobic avoidance: early value assessment</a>	NICE Health technology evaluation <sup>9</sup>	November 2023	For information only
Musculoskeletal system	<a href="#">IPG775 Biodegradable subacromial spacer insertion for rotator cuff tears</a>	NICE Interventional procedures guidance <sup>1</sup>	November 2023	For information only
	<a href="#">The cost-effectiveness of the Scottish Hip Fracture Audit</a>	SHTG Assessment <sup>4</sup>	November 2023	For information only
Obstetrics and gynaecology	<a href="#">IPG774 Vaginal transluminal endoscopic hysterectomy and adnexal surgery for benign gynaecological conditions</a>	NICE Interventional procedures guidance <sup>1</sup>	October 2023	For information only
Paediatrics	<a href="#">Health technology assessment of the addition of spinal muscular atrophy (SMA) to the National Newborn Bloodspot Screening Programme</a>	HIQA Full HTA <sup>2</sup>	November 2023	For information only

<sup>9</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.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Physical disability	<a href="#">GUI014-2 Multi-grip myoelectric upper-limb prosthetics</a>	HTW Guidance <sup>7</sup>	November 2023	<b>NHS Wales should adopt this guidance or justify why it has not been followed.</b>
Public health	<a href="#">An overview of national approaches to stockpiling of medical countermeasures for public health emergencies</a>	HIQA Other Evidence Synthesis <sup>6</sup>	November 2023	For information only
	<a href="#">Overview of multiplex antigen near-patient tests for acute respiratory infections</a>	HIQA Other Evidence Synthesis <sup>6</sup>	October 2023	For information only
	<a href="#">Review of national public health strategies in selected countries</a>	HIQA Other Evidence Synthesis <sup>6</sup>	October 2023	For information only
Respiratory system	<a href="#">TER437 Clinical decision support software with integrated AI for the management of patients with incidental pulmonary nodules identified on chest CT scans (Optellum Virtual Node Clinic)</a>	HTW Topic Exploration Report <sup>3</sup>	December 2023	For information only
	<a href="#">IPG776 Extracorporeal carbon dioxide removal for acute respiratory failure</a>	NICE Interventional procedures guidance <sup>1</sup>	November 2023	For information only
	<a href="#">HTE13 Virtual ward platform technologies for acute respiratory infections</a>	NICE Health technology evaluation <sup>9</sup>	October 2023	For information only
	<a href="#">Overview of multiplex antigen near-patient tests for acute respiratory infections</a>	HIQA Other Evidence Synthesis <sup>6</sup>	October 2023	For information only

## Acknowledgements

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