



# Advice on Health Technologies

## Quarterly Bulletin | October 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 July–September 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.....	4
Cancer .....	2	Infectious diseases.....	4
Cardiovascular system.....	3	Mental and behavioural disorders .....	5
Caring for older people .....	3	Musculoskeletal system .....	5
Dermatology.....	3	Obstetrics and gynaecology .....	5
Digestive system .....	3	Paediatrics.....	5
Ear, nose and throat.....	3	Patient experience .....	5
Endocrine, nutritional and metabolic.....	3	Public health.....	5
Eye .....	3	Respiratory system.....	5
Genitourinary system .....	4		

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 (July – September 2023)

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Blood and immune system	<a href="#">IPG771: Cryotherapy for chronic rhinitis</a>	NICE Interventional Procedures Guidance <sup>1</sup>	September 2023	For information only
Cancer	<a href="#">TER473: Hyperspectral imaging for the detection of cutaneous melanoma</a>	HTW Topic Exploration Report <sup>2</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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 <sup>3</sup>	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 <sup>1</sup>	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 <sup>4</sup>	August 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 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

<sup>4</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

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	<a href="#">DG55: AI-derived computer-aided detection (CAD) software for detecting and measuring lung nodules in CT scan images</a>	NICE Diagnostics Guidance <sup>4</sup>	July 2023	For information only
	<a href="#">IPG768: Irreversible electroporation for treating prostate cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	July 2023	For information only
Cardiovascular system	<a href="#">HTE10: KardiaMobile 6L for measuring cardiac QT interval in adults having antipsychotic medication</a>	NICE Health Technology Evaluation <sup>3</sup>	September 2023	For information only
	<a href="#">IPG769: Aortic valve reconstruction with glutaraldehyde-treated autologous pericardium for aortic valve disease</a>	NICE Interventional Procedures Guidance <sup>1</sup>	August 2023	For information only
Caring for older people	<a href="#">TER471: Digital cognitive assessment tools to detect early-stage impairment caused by neurodegenerative disorders</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
Dermatology	<a href="#">TER473: Hyperspectral imaging for the detection of cutaneous melanoma</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
Digestive system	<a href="#">DG56: Quantitative faecal immunochemical testing to guide colorectal cancer pathway referral in primary care</a>	NICE Diagnostics Guidance <sup>4</sup>	August 2023	For information only
Ear, nose and throat	<a href="#">TER470: FloSeal in the treatment of epistaxis</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
	<a href="#">IPG771: Cryotherapy for chronic rhinitis</a>	NICE Interventional Procedures Guidance <sup>1</sup>	September 2023	For information only
Endocrine, nutritional and metabolic	<a href="#">Rapid Health Technology Assessment of Continuous Glucose Monitoring in Adults with Type 1 Diabetes Mellitus</a>	HIQA Advice <sup>5</sup>	September 2023	For information only
Eye	<a href="#">GUI049: Myopia-control contact lenses and spectacles to slow the progression of myopia in children and adolescents</a>	HTW Guidance <sup>6</sup>	September 2023	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>

<sup>5</sup> **Health Information and Quality Authority (HIQA) Advice:** summarises clinical and cost-effectiveness evidence and implications for the health technology in Ireland

<sup>6</sup> **HTW Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales

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	<a href="#">TER467: Photobiomodulation therapy for dry age-related macular degeneration</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
	<a href="#">TER469: Digital tools for the remote assessment of visual acuity</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
Genitourinary system	<a href="#">TER480: Artificial intelligence assisted tools for prostate cancer diagnosis using whole slide biopsy images</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
	<a href="#">IPG770: Transurethral water-jet ablation for lower urinary tract symptoms caused by benign prostatic hyperplasia</a>	NICE Interventional Procedures Guidance <sup>1</sup>	September 2023	For information only
	<a href="#">IPG768: Irreversible electroporation for treating prostate cancer</a>	NICE Interventional Procedures Guidance <sup>1</sup>	July 2023	For information only
Health service organisation and delivery	<a href="#">An evidence review on multidisciplinary team support in primary care</a>	SHTG Assessment <sup>7</sup>	July 2023	For information only
	<a href="#">Cost calculator for UK Outpatient Parenteral Antimicrobial Therapy (OPAT) services</a>	SHTG Assessment <sup>7</sup>	July 2023	For information only
	<a href="#">Rapid health technology assessment of the extension of the seasonal influenza vaccination programme to include those aged 50 to 64 years (general population)</a>	HIQA Advice <sup>5</sup>	August 2023	For information only
	<a href="#">HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</a>	HIQA Advice <sup>5</sup>	July 2023	For information only
Infectious diseases	<a href="#">Cost calculator for UK Outpatient Parenteral Antimicrobial Therapy (OPAT) services</a>	SHTG Assessment <sup>7</sup>	July 2023	For information only
	<a href="#">Rapid health technology assessment of the extension of the seasonal influenza vaccination programme to include those aged 50 to 64 years (general population)</a>	HIQA Advice <sup>5</sup>	August 2023	For information only
	<a href="#">HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</a>	HIQA Advice <sup>5</sup>	July 2023	For information only

<sup>7</sup> SHTG Assessment: bespoke reviews of health technologies to inform policy and practice across NHS Scotland

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Mental and behavioural disorders	<a href="#">TER471: Digital cognitive assessment tools to detect early-stage impairment caused by neurodegenerative disorders</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
	<a href="#">HTE10: KardiaMobile 6L for measuring cardiac QT interval in adults having antipsychotic medication</a>	NICE Health Technology Evaluation <sup>3</sup>	September 2023	For information only
Musculoskeletal system	<a href="#">A slot-scanning, biplanar, digital X-ray imaging system for the evaluation and monitoring of orthopaedic conditions</a>	HIQA Advice <sup>5</sup>	July 2023	For information only
Obstetrics and gynaecology	<a href="#">TER466: Robot-assisted benign gynaecological surgery</a>	HTW Topic Exploration Report <sup>2</sup>	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 <sup>1</sup>	September 2023	For information only
Paediatrics	<a href="#">HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</a>	HIQA Advice <sup>5</sup>	July 2023	For information only
Patient experience	<a href="#">TER465: Pre-emptive pharmacogenetic (PGx) testing using a multiple gene panel to guide treatment and reduce adverse drug reactions</a>	HTW Topic Exploration Report <sup>2</sup>	September 2023	For information only
	<a href="#">Multidisciplinary community based respiratory care services for patients with chronic respiratory conditions</a>	SHTG Assessment <sup>7</sup>	August 2023	For information only
Public health	<a href="#">Analysis of public consultation surveys to inform the work of the Public Health Reform Expert Advisory Group</a>	HIQA Advice <sup>5</sup>	September 2023	For information only
	<a href="#">Rapid health technology assessment of the extension of the seasonal influenza vaccination programme to include those aged 50 to 64 years (general population)</a>	HIQA Advice <sup>5</sup>	August 2023	For information only
	<a href="#">HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination</a>	HIQA Advice <sup>5</sup>	July 2023	For information only
Respiratory system	<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 <sup>3</sup>	September 2023	For information only

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## Acknowledgements

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