



Advice on Health Technologies

Quarterly Bulletin | October 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 July - September 2024. It also includes recent technology assessments undertaken by other health technology assessment (HTA) agencies across the UK and Ireland.

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	Injuries, Accidents and Wounds	4
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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 2024 - September 2024)

Speciality	Technology Assessment	Agency/Product	Date Published	Status in NHS Wales
Blood and Immune System	TER550 Autologous blood microfiltration systems for peri- and post-operative cell	HTW Topic Exploration Report ¹	August 2024	For information only
	TER534 Fibrin sealants as a means to control bleeding in surgical procedures	HTW Topic Exploration Report ¹	July 2024	For information only
	DG59 CYP2C19 genotype testing to guide clopidogrel use after ischaemic stroke or transient ischaemic attack	NICE Diagnostics Guidance ²	July 2024	For information only
Cancer	GUI057 Artificial intelligence assisted tools for prostate cancer diagnosis using whole slide biopsy images	HTW Guidance ³	August 2024	NHS Wales should adopt this guidance or justify why it has not been followed.
	GUI055 Artificial Intelligence (AI)-assisted endoscopy in the detection of gastrointestinal cancer and pre-cancerous lesions	HTW Guidance ³	July 2024	NHS Wales should adopt this guidance or justify why it has not been followed.
	TER546 Deontics Cancer MDT solution to streamline and support multi-disciplinary team meetings	HTW Topic Exploration Report ¹	August 2024	For information only
	TER530 Wire-Free, nonradioactive localisation techniques to guide surgical excision of nonpalpable breast tumours	HTW Topic Exploration Report ¹	July 2024	For information only

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

² **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.

³ **HTW Guidance:** summarises key evidence and implications for the health and social care sectors in Wales. The status of HTW guidance is that NHS Wales should adopt it or justify why it has not been followed.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Cardiovascular System	TER550 Autologous blood microfiltration systems for peri- and post-operative cell	HTW Topic Exploration Report ¹	August 2024	For information only
	TER552 Photo-plethysmography for the management of atrial fibrillation	HTW Topic Exploration Report ¹	July 2024	For information only
	TER547 Pulsed field ablation for atrial fibrillation	HTW Topic Exploration Report ¹	July 2024	For information only
	TER539 Long length peripheral intravenous catheters for patients with difficult intravenous access	HTW Topic Exploration Report ¹	July 2024	For information only
	IPG791 Caval valve implantation for tricuspid regurgitation	NICE Interventional Procedures Guidance ⁴	August 2024	For information only
Caring for Older People	TER551 Linus Health Core Cognitive Evaluation digital assessment to detect cognitive impairment	HTW Topic Exploration Report ¹	August 2024	For information only
	TER537 Virtual reality as a psychological intervention	HTW Topic Exploration Report ¹	August 2024	For information only
	TER532 Hip protectors for users at risk of falls	HTW Topic Exploration Report ¹	July 2024	For information only
Dermatology	TER529 Store-and-forward teledermatology for triage of primary care referrals	HTW Topic Exploration Report ¹	July 2024	For information only
	TER493 Wearable wound care for hidradenitis suppurativa	HTW Topic Exploration Report ¹	July 2024	For information only
Digestive System	GUI055 Artificial Intelligence (AI)-assisted endoscopy in the detection of gastrointestinal cancer and pre-cancerous lesions	HTW Guidance ³	July 2024	NHS Wales should adopt this guidance or justify why it has not been followed.
	TER561 Leakage notification systems for stoma care	HTW Topic Exploration Report ¹	September 2024	For information only

⁴ **NICE Interventional Procedures Guidance:** covers procedures used for diagnosis or treatment, considers if they are safe and work well enough for wider use.

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Ear, Nose and Throat	GUI058 Floseal in the treatment of epistaxis	HTW Guidance ³	July 2024	NHS Wales should adopt this guidance or justify why it has not been followed.
Endocrine, nutritional and metabolic	TER549 Artificial intelligence-interpretation of laboratory test results to predict fatty liver disease in primary care	HTW Topic Exploration Report ¹	July 2024	For information only
Genitourinary system	TER533 Perineal and pelvic rehabilitation for the prevention and treatment of anorectal dysfunction, pelvic organ prolapse and perineal pain in women	HTW Topic Exploration Report ¹	August 2024	For information only
Health Service Organisation and Delivery	TER546 Deontics Cancer MDT solution to streamline and support multi-disciplinary team meetings	HTW Topic Exploration Report ¹	August 2024	For information only
	TER537 Virtual reality as a psychological intervention	HTW Topic Exploration Report ¹	August 2024	For information only
	TER478 National Early Warning Score systems (NEWS and NEWS2) for adult patients across the acute care pathway	HTW Topic Exploration Report ¹	July 2024	For information only
	Green Theatres evidence review	SHTG Assessment ⁵	July 2024	For information only
Infectious Disease	Health technology assessment of Herpes Zoster (shingles) vaccination	HIQA Full HTA ⁶	July 2024	For information only
	Rapid health technology assessment of immunisation against respiratory syncytial virus in Ireland	HIQA Rapid HTA ⁷	August 2024	For information only
Injuries, Accidents and Wounds	TER550 Autologous blood microfiltration systems for peri- and post-operative cell	HTW Topic Exploration Report ¹	August 2024	For information only

⁵ **SHTG Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland.

⁶ **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.

⁷ **HIQA Rapid HTA:** 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 rapid HTA examines a number of domains of the EUNetHTA Core Model (rather than all or most of them).

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	TER538 Micropore particle technology for the treatment of non-healing wounds (Amicapsil)	HTW Topic Exploration Report ¹	August 2024	For information only
	TER532 Hip protectors for users at risk of falls	HTW Topic Exploration Report ¹	July 2024	For information only
	TER493 Wearable wound care for hidradenitis suppurativa	HTW Topic Exploration Report ¹	July 2024	For information only
	IPG793 Single-step scaffold insertion for repairing symptomatic chondral knee defects	NICE Interventional Procedures Guidance ⁴	September 2024	For information only
Mental and behavioural disorders	TER537 Virtual reality as a psychological intervention	HTW Topic Exploration Report ¹	August 2024	For information only
Musculoskeletal System	TER532 Hip protectors for users at risk of falls	HTW Topic Exploration Report ¹	July 2024	For information only
	IPG793 Single-step scaffold insertion for repairing symptomatic chondral knee defects	NICE Interventional Procedures Guidance ⁴	September 2024	For information only
Nervous System	DG59 CYP2C19 genotype testing to guide clopidogrel use after ischaemic stroke or transient ischaemic attack	NICE Diagnostics Guidance ²	July 2024	For information only
Obstetrics and gynaecology	TER533 Perineal and pelvic rehabilitation for the prevention and treatment of anorectal dysfunction, pelvic organ prolapse and perineal pain in women	HTW Topic Exploration Report ¹	August 2024	For information only
	TER423 Advanced electrosurgical bipolar vessel sealing systems during hysterectomy	HTW Topic Exploration Report ¹	August 2024	For information only
Paediatrics	TER543 Auditory verbal therapy for young children who are deaf and hard of hearing	HTW Topic Exploration Report ¹	August 2024	For information only
	TER537 Virtual reality as a psychological intervention	HTW Topic Exploration Report ¹	August 2024	For information only
Patient experience	TER561 Leakage notification systems for stoma care	HTW Topic Exploration Report ¹	September 2024	For information only
	TER493 Wearable wound care for hidradenitis suppurativa	HTW Topic Exploration Report ¹	July 2024	For information only

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Physical disability	TER561 Leakage notification systems for stoma care	HTW Topic Exploration Report ¹	September 2024	For information only
	TER543 Auditory verbal therapy for young children who are deaf and hard of hearing	HTW Topic Exploration Report ¹	August 2024	For information only
Public Health	TER531 Interventions to prevent and reduce gang-related violence in children and young adults	HTW Topic Exploration Report ¹	July 2024	For information only
Respiratory System	IPG790 Phrenic nerve pacing for congenital central hypoventilation syndrome	NICE Interventional Procedures Guidance ⁴	August 2024	For information only
	IPG792 Phrenic nerve pacing for ventilator-dependent high cervical spinal cord injury	NICE Interventional Procedures Guidance ⁴	August 2024	For information only
	Health technology assessment of Herpes Zoster (shingles) vaccination	HIQA Full HTA ⁶	July 2024	For information only
	Rapid health technology assessment of immunisation against respiratory syncytial virus in Ireland	HIQA Rapid HTA ⁷	August 2024	For information only

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