



Healthcare
Improvement
Scotland

SHTG
Advice on health
technologies

Advice on Health Technologies

Quarterly Bulletin | April 2025

What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in January 2025 to April 2025 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?

- Cancer
- Cardiovascular system
- Caring for older people
- Genitourinary system
- Health service organisation and delivery
- Mental and behavioural disorders
- Musculoskeletal system

Advice and guidance is ordered by specialty, categorisation follows the main specialties listed here.

Definitions of the agency products are in the [Glossary](#) section

What advice is NHSScotland required to consider?

The advice and guidance NHSScotland is **required to consider** is highlighted in the 'Status' column in the table 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](#).

Contents

Publications.....	2
Acknowledgements.....	3
Glossary.....	4

Publications

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
Cancer	Artificial intelligence supported clinician review of chest x-rays from patients with suspected lung cancer	SHTG Assessment	February 2025	NHSScotland required to consider
	Stability of prostate specific antigen (PSA) in blood samples	SHTG Assessment	February 2025	NHSScotland required to consider
	Multiparametric magnetic resonance imaging compared with biparametric magnetic resonance imaging for the detection of prostate cancer	HTW Topic Exploration Report	March 2025	For information only
	Tumour-profiling tests to guide adjuvant-bisphosphonate treatment in early breast cancer.	HTW Topic Exploration Report	March 2025	For information only
	AI assisted review of chest x-ray and CT scans in the diagnosis of lung cancer	HTW Topic Exploration Report	April 2025	For information only
Cardiovascular system	Transcatheter aortic valve implantation (TAVI) for people with severe aortic stenosis who are at low surgical risk	SHTG Recommendation	February 2025	NHSScotland required to consider
	Intravascular lithotripsy to treat calcified coronary arteries during percutaneous coronary intervention	NICE Interventional Procedures Guidance	February 2025	NHSScotland required to consider

Area of work / Speciality	Technology Assessment	Agency / Product	Date Published / Uploaded	Status in Scotland
	Alcohol-mediated perivascular renal sympathetic denervation for resistant hypertension	NICE Interventional Procedures Guidance	March 2025	NHSScotland required to consider
Caring for older people	PrecivityAD blood test for the assessment of Alzheimer’s Disease	HTW Topic Exploration Report	April 2025	For information only
Genitourinary system	Transperineal laser ablation for treating lower urinary tract symptoms of benign prostatic hyperplasia	NICE Interventional Procedures Guidance	January 2025	NHSScotland required to consider
	Electrically stimulated intravesical therapy for interstitial cystitis or overactive bladder in adults	NICE Interventional Procedures Guidance	January 2025	NHSScotland required to consider
	Non antibiotic antimicrobial anticoagulant catheter locking solutions for the prevention of catheter related complications	HTW Topic Exploration Report	January 2025	For information only
Health service organisation and delivery	Guidelines for the Economic Evaluation of Health Technologies in Ireland	HIQA Advice	March 2025	For information only
Mental and behavioural disorders	Long-term telemetric intracranial pressure monitoring for diagnosis and treatment optimisation of neurological conditions	HTW Topic Exploration Report	March 2025	For information only
Musculoskeletal	Artificial intelligence technologies to help detect fractures on X-rays in urgent care: early value assessment	NICE Health Technology Evaluation	January 2025	For information only

Acknowledgements

This bulletin was developed the Scottish Health Technologies Group (SHTG) with support from Health Technology Wales (HTW) and the Health Information and Quality Authority (HIQA).

Glossary

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.

SHTG Assessment: Bespoke reviews of health technologies to inform policy and practice across NHSScotland.

NICE Medical technologies guidance: evaluates new, innovative medical devices and diagnostics for NHS England.

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

NICE Health technology evaluation ((also known as Early Value Assessment, or EVA): designed to provide recommendations, in the form of NICE guidance, on the use of new and existing medicines, products and treatments in the NHS

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.

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

HIQA Other evidence synthesis: other evidence synthesis includes systematic reviews, rapid reviews, scoping review and other types of analysis

Health Information and Quality Authority (HIQA) Rapid 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 rapid HTA examines a number of domains of the EUnetHTA Core Model (rather than all or most of them).