

Advice on Health Technologies

Quarterly Bulletin | January 2021

What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in October to December 2020 by the Scottish Health Technologies Group (SHTG), and also recent technology assessments undertaken by other HTA agencies across the UK, Ireland and Europe.

It is produced by the SHTG to support decision making on the use of health technologies within NHS Scotland.

You can find out more about the work of SHTG on the [Healthcare Improvement Scotland 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 specialties are covered this quarter?

Cardiothoracic.....	2	Gastroenterology	4
General.....	2	Genitourinary medicine	4
Anaesthetics.....	3	Infectious diseases	4
Cardiology	3	Intensive care medicine	4
Clinical genetics.....	3	Neurology.....	4
Clinical haematology.....	3	Clinical oncology.....	5
Dermatology	3	Other	5
Endocrinology and diabetes	4		

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

What advice is NHS Scotland required to consider?

The advice and guidance NHS Scotland is **required to consider** is highlighted in the 'Status' column below. Other advice and guidance is for information only.

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](#).

Surgical Specialties

Specialty	Technology Assessment	Agency / Product	Published	Status in Scotland	Link
Cardiothoracic	Endobronchial valves for lung volume reduction in patients with severe or very severe emphysema <i>Requested by: Manufacturer</i>	SHTG Recommendation ¹	November 2020	NHSScotland required to consider	[weblink]
	Transcatheter aortic valve implantation for the treatment of patients with severe symptomatic aortic stenosis who are at intermediate surgical risk	Health Technology Wales Guidance ²	October 2020	For information	[weblink]
General	Hernia mesh in women. <i>Requested by: Scottish Government</i>	SHTG Recommendation ¹	In progress (anticipated June 2021)	NHSScotland required to consider	Not yet available
	Swallowable gastric balloon capsule for weight loss	NICE Interventional procedures guidance ³	November 2020	NHSScotland required to consider	[weblink]
	Balloon cryoablation for Barrett's oesophagus	NICE Interventional procedures guidance ³	October 2020	NHSScotland required to consider	[weblink]
	Balloon cryoablation for squamous dysplasia of the oesophagus	NICE Interventional procedures guidance ³	October 2020	NHSScotland required to consider	[weblink]

¹ **Recommendation - Scottish Health Technologies Group (SHTG)** - developed by a national committee in consultation with stakeholders. Clinical effectiveness, safety, cost effectiveness, patient and public views, professional expert views, and social and organisational implications are considered. NHS Scotland are required to consider the recommendation.

² **Guidance - Health Technology Wales (HTW)** – summarises evidence and implications for the health technology in Wales.

³ **Interventional Procedures Guidance - National Institute for Health and Care Excellence (NICE)** - 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. NHS Scotland are required to consider the advice if they are providing the procedure.

Medical Specialties

Specialty	Technology Assessment	Agency / Product	Published	Status in Scotland	Link
Anaesthetics	Evoke Spinal Cord Stimulator for managing chronic neuropathic or ischaemic pain	NICE Medtech innovation briefings ⁴	December 2020	For information	[weblink]
	AnaConDa-S for sedation with volatile anaesthetics in intensive care	NICE Medtech innovation briefings ⁴	October 2020	For information	[weblink]
Cardiology	Zio XT for detecting cardiac arrhythmias	NICE Medical technologies guidance ⁵	December 2020	For information	[weblink]
	KardiaMobile for the ambulatory detection of atrial fibrillation	NICE Medtech innovation briefings ⁴	October 2020	For information	[weblink]
Clinical genetics	Pre-treatment DPYD genetic testing for patients who are prescribed chemotherapy involving fluoropyrimidines <i>Requested by: NHS National Services Scotland</i>	SHTG Assessment ⁶	October 2020	For information	[weblink]
	Testing strategies for Lynch syndrome in people with endometrial cancer	NICE Diagnostics guidance ⁷	October 2020	For information	[weblink]
Clinical haematology	Point of care haemolysis detection in blood samples that may be deemed unfit for laboratory analysis	HTW Evidence Appraisal Review ⁸	October 2020	For information	[weblink]
Dermatology	SEM Scanner 200 for preventing pressure ulcers	NICE Medical technologies guidance ⁵	October 2020	For information	[weblink]

⁴ **Medtech Innovation Briefing - National Institute for Health and Care Excellence (NICE)** – Briefings offer support for NHS England when considering using new medical devices and other medical or diagnostic technologies.

⁵ **Medical Technologies Guidance - National Institute for Health and Care Excellence (NICE)** - evaluates new, innovative medical devices and diagnostics for NHS England.

⁶ **Assessment - Scottish Health Technologies Group (SHTG)** - Bespoke reviews of health technologies to inform policy and practice across NHSScotland.

⁷ **Diagnostic guidance - National Institute for Health and Care Excellence (NICE)** - evaluates new, innovative diagnostic technologies. It includes all types of measurements and tests that are used to evaluate a patient's condition.

⁸ **Evidence Appraisal Review - Health Technology Wales (HTW)** - report of the evidence for a topic of interest to NHS Wales, but no guidance

Specialty	Technology Assessment	Agency / Product	Published	Status in Scotland	Link
Endocrinology and diabetes	Continuous glucose monitoring in pregnant women with type 1 diabetes <i>Requested by: Scottish Diabetes Group (SDG)</i>	SHTG Adaptation ⁹ (Adaptation of Health Technology Wales Guidance)	November 2020	NHSScotland required to consider	[weblink]
	Dexcom G6 for real-time continuous glucose monitoring	NICE Medtech innovation briefings ⁴	November 2020	For information	[weblink]
	3C Patch System for treating diabetic foot ulcers	NICE Medtech innovation briefings ⁴	October 2020	For information	[weblink]
Gastroenterology	Cytosponge for detecting abnormal cells in the oesophagus	NICE Medtech innovation briefings ⁴	December 2020	For information	[weblink]
Genitourinary medicine	QuickChange Incontinence Wrap for urinary incontinence in men	NICE Medtech innovation briefings ⁴	November 2020	For information	[weblink]
	ClearGuard HD Antimicrobial Barrier Cap for preventing haemodialysis catheter-related bloodstream infections	NICE Medtech innovation briefings ⁴	November 2020	For information	[weblink]
Infectious diseases	Convalescent plasma for the treatment of COVID-19	HIQA Health Technology Assessment ¹⁰	November 2020	For information	[weblink]
	Alternative tests to detect current infection with SARS-CoV-2: rapid HTA	HIQA Health Technology Assessment ¹⁰	October 2020	For information	[weblink]
Intensive care medicine	NPi-200 for pupillary light reflex in critical care patients	NICE Medtech innovation briefings ⁴	November 2020	For information	[weblink]
Neurology	Gammacore for cluster headaches. <i>Requested by: Manufacturer</i>	SHTG Adaptation ⁹ (Adaptation of NICE medical technologies guidance (MTG46))	In progress (anticipated January 2021)	NHSScotland required to consider	[weblink]

⁹ **Adaptation - Scottish Health Technologies Group (SHTG)** - Based upon an HTA conducted elsewhere in the UK or internationally, with particular consideration of its applicability to NHS Scotland. NHS Scotland are required to consider the recommendation.

¹⁰ **HIQA Health Technology Assessment** – summarises information about a health technology for the health service in the Republic of Ireland

Radiology

Specialty	Technology Assessment	Agency / Product	Published	Status in Scotland	Link
Clinical oncology	Radiofrequency-induced thermochemotherapy for the treatment of non-muscle-invasive bladder cancer	HTW Topic Exploration Report ¹¹	December 2020	For information	[weblink]
	Low-energy contact X-ray brachytherapy (the Papillon technique) for locally advanced rectal cancer	NICE Interventional procedures guidance ³	December 2020	NHSScotland required to consider	[weblink]
	Lung cancer screening in risk groups	EUnetHTA Collaborative Assessment ¹²	December 2020	For information	[weblink]
	Magseed for locating impalpable breast cancer lesions	NICE Medtech innovation briefings ⁴	November 2020	For information	[weblink]
	Rapid fully-automated PCR testing (Idylla) to screen for EGFR mutational status in people with lung cancer	HTW Topic Exploration Report ¹¹	October 2020	For information	[weblink]
	Pressurised intraperitoneal aerosol chemotherapy for peritoneal carcinomatosis	NICE Interventional procedures guidance ³	October 2020	NHSScotland required to consider	[weblink]
	Rapid fully-automated PCR testing (Idylla) to screen for BRAF mutational status in people with melanoma	HTW Topic Exploration Report ¹¹	October 2020	For information	[weblink]

Other

Specialty	Technology Assessment	Agency / Product	Published	Status in Scotland	Link
Other	ReStore Soft Exo-Suit for gait rehabilitation	NICE Medtech innovation briefings ⁴	December 2020	For information	[weblink]
	Digital delivery of psychological therapies. <i>Requested by: NHS Education for Scotland</i>	SHTG Assessment ⁶	In progress (anticipated January 2021)	For information	[weblink]
	Tegaderm CHG securement dressing for vascular access sites	NICE Medtech innovation briefings ⁴	October 2020	For information	[weblink]

¹¹ **Topic Exploration Report - Health Technology Wales (HTW)** - designed to provide a high-level briefing on new topics submitted for consideration to HTW

¹² **European Network for Health Technology Assessment (EUnetHTA)** - assessments produced by an EU collaborative HTA programme of which SHTG is a member.

Acknowledgements

This bulletin was developed by SHTG in collaboration with Health Technology Wales (HTW).