

# Advice on Health Technologies

Quarterly Bulletin | July 2021

## What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in April – June 2021 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 SHTG to support decision making on the use of health technologies within NHSScotland.

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?

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Advice and guidance is ordered by specialty, categorisation is listed at the end of the bulletin and can be viewed on our [website](#).

## What advice is NHSScotland required to consider?

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

Speciality	Technology Assessment	Agency/Product	Date Published	Status in Scotland
Cancer	<a href="#">IPG691: Melphalan chemosaturation with percutaneous hepatic artery perfusion and hepatic vein isolation for primary or metastatic cancer in the liver</a>	NICE Interventional procedures guidance <sup>1</sup>	April 2021	<b>Scotland required to consider</b>
	<a href="#">MIB263: Magtrace and Sentimag for locating sentinel lymph nodes</a>	NICE Medtech innovation briefing <sup>2</sup>	June 2021	For information only
	<a href="#">OTCA25: Stereotactic Body Radiation Therapy (SBRT) for lung, prostate and hepatic cancer</a>	EUnetHTA rapid assessment <sup>3</sup>	May 2021	For information only
	<a href="#">TER215: Intraoperative radiotherapy for the treatment of brain tumours or brain metastases</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only
Cardiovascular system	<a href="#">04-21: Detection of paroxysmal atrial fibrillation in patients with newly diagnosed ischaemic stroke</a>	SHTG Assessment <sup>5</sup>	May 2021	For information only
	<a href="#">EAR028: Handheld single lead electrocardiogram devices to detect atrial fibrillation in older adults and those with intermittent episodes</a>	HTW Evidence Appraisal Report <sup>6</sup>	May 2021	For information only
	<a href="#">IPG694: Permanent His-bundle pacemaker implantation for treating heart failure</a>	NICE Interventional procedures guidance <sup>1</sup>	May 2021	<b>Scotland required to consider</b>
	<a href="#">IPG700: Percutaneous insertion of a closure device to repair a paravalvular leak around a replaced mitral or aortic valve</a>	NICE Interventional procedures guidance <sup>1</sup>	June 2021	<b>Scotland required to consider</b>
	<a href="#">MIB257: microINR for anticoagulation therapy</a>	NICE Medtech innovation briefing <sup>2</sup>	April 2021	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. NHS Scotland are required to consider the advice if they are providing the procedure.

<sup>2</sup> **National Institute for Health and Care Excellence (NICE) Medtech innovation briefing:** offers support for NHS England when considering using new medical devices and other medical or diagnostic technologies.

<sup>3</sup> **European Network for Health Technology (EUnetHTA) Rapid assessment:** produced by an EU collaborative HTA programme of which SHTG and HTW are members.

<sup>4</sup> **Health Technology Wales (HTW) Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration by HTW.

<sup>5</sup> **Scottish Health Technologies Group (SHTG) Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland.

<sup>6</sup> **Health Technology Wales (HTW) Evidence Appraisal Report:** based on rapid systematic literature searches, with the aim of published evidence identifying the best clinical and economic evidence.

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	<a href="#">MIB260: KODEX-EPD for cardiac imaging during ablation of arrhythmias</a>	NICE Medtech innovation briefing <sup>2</sup>	May 2021	For information only
	<a href="#">MTG32: HeartFlow FFRCT for estimating fractional flow reserve from coronary CT angiography</a>	NICE Medical technologies guidance <sup>7</sup>	May 2021 (update of February 2017 guidance)	For information only
	<a href="#">TER216: Home blood pressure monitoring for diagnosis of hypertension</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only
	<a href="#">TER222: Predictive monitoring for hypotension in high risk patients during surgery and in critical care</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only
<b>COVID-19</b>	<a href="#">TER281: Antimicrobial treatments for medical masks or personal protective equipment to reduce respiratory disease transmission</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only
	<a href="#">MIB264: SYNE-COV for predicting COVID-19 outcomes</a>	NICE Medtech innovation briefing <sup>2</sup>	June 2021	For information only
<b>Digestive system</b>	<a href="#">GUI029: Point-of-care ultrasound to diagnose gallstone disease</a>	HTW Guidance <sup>8</sup>	May 2021	For information only
	<a href="#">IPG698: Electrohydraulic lithotripsy for difficult-to-treat bile duct stones</a>	NICE Interventional procedures guidance <sup>1</sup>	May 2021	<b>Scotland required to consider</b>
	<a href="#">IPG699: Laser lithotripsy for difficult-to-treat bile duct stones</a>	NICE Interventional procedures guidance <sup>1</sup>	June 2021	<b>Scotland required to consider</b>
	<a href="#">MIB259: Axonics sacral neuromodulation system for faecal incontinence</a>	NICE Medtech innovation briefing <sup>2</sup>	May 2021	For information only
	<a href="#">TER234: Normothermic machine perfusion of donor livers prior to transplantation</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only
<b>Ear, nose and throat</b>	<a href="#">TER183: Pillow speakers to deliver sound therapy for people with tinnitus</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only

<sup>7</sup> National Institute for Health and Care Excellence (NICE) Medical technologies guidance: evaluates new, innovative medical devices and diagnostics for NHS England.

<sup>8</sup> Health Technology Wales (HTW) Guidance: summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales.

Speciality	Technology Assessment	Agency/Product	Date Published	Status in Scotland
Eye	<a href="#">GUI002-2: Corneal crosslinking to treat adults and children with keratoconus</a>	HTW Guidance <sup>8</sup>	May 2021 (update of February 2018 guidance)	For information only
	<a href="#">IPG692: Repetitive short-pulse transscleral cyclophotocoagulation for glaucoma</a>	NICE Interventional procedures guidance <sup>1</sup>	April 2021	<b>Scotland required to consider</b>
Genitourinary system	<a href="#">IPG696: Transvaginal laser therapy for stress urinary incontinence</a>	NICE Interventional procedures guidance <sup>1</sup>	May 2021	<b>Scotland required to consider</b>
	<a href="#">IPG697: Transvaginal laser therapy for urogenital atrophy</a>	NICE Interventional procedures guidance <sup>1</sup>	May 2021	<b>Scotland required to consider</b>
	<a href="#">MIB256: RenalSense Clarity RMS for acute kidney injury</a>	NICE Medtech innovation briefing <sup>2</sup>	April 2021	For information only
	<a href="#">MTG58: UroLift for treating lower urinary tract symptoms of benign prostatic hyperplasia</a>	NICE Medical technologies guidance <sup>7</sup>	May 2021	For information only
	<a href="#">OTCA27: Comparative Effectiveness of surgical techniques and devices for the treatment of benign prostatic hyperplasia (BPH)</a>	EUnetHTA multi-technology rapid assessment	April 2021	For information only
	<a href="#">TER219: Chlorhexidine-based meatal cleansing (Hexicath) prior to urinary catheter insertion</a>	HTW Topic Exploration Report <sup>4</sup>	May 2021	For information only
Injuries, accidents and wounds	<a href="#">MIB261: WoundExpress to manage lower leg wounds</a>	NICE Medtech innovation briefing <sup>2</sup>	June 2021	For information only
	<a href="#">MTG20: Parafricta Bootees and Undergarments to reduce skin breakdown in people with or at risk of pressure ulcers</a>	NICE Medical technologies guidance <sup>7</sup>	May 2021 (update of November 2014 guidance)	For information only
	<a href="#">MTG59: Plus Sutures for preventing surgical site infection</a>	NICE Medical technologies guidance <sup>7</sup>	June 2021	For information only
Musculoskeletal system	<a href="#">EAR022: Extracorporeal shockwave therapy for the treatment of musculoskeletal conditions</a>	HTW Evidence Appraisal Report <sup>6</sup>	May 2021	For information only

Speciality	Technology Assessment	Agency/Product	Date Published	Status in Scotland
Nervous system	<a href="#">IPG693: Deep brain stimulation for chronic, severe, treatment-resistant obsessive-compulsive disorder in adults</a>	NICE Interventional procedures guidance <sup>1</sup>	April 2021	<b>Scotland required to consider</b>
	<a href="#">MIB262: RapidAI for analysing CT/MRI brain scans in people with suspected acute stroke</a>	NICE Medtech innovation briefing <sup>2</sup>	June 2021	For information only
Respiratory system	<a href="#">EAR023: Oscillating positive expiratory pressure devices for airway clearance in chronic hypersecretory lung conditions.</a>	HTW Evidence Appraisal Report <sup>6</sup>	May 2021	For information only
	<a href="#">IPG695: Ex-situ machine perfusion for extracorporeal preservation of lungs (ex-vivo lung perfusion) for transplant</a>	NICE Interventional procedures guidance <sup>1</sup>	May 2021	<b>Scotland required to consider</b>

## Acknowledgements

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

## Specialty Categorisation List

Blood and immune system	Cancer	Cardiovascular System
Caring for older people	COVID-19	Dermatology
Digestive system	Ear, nose and throat	Endocrine, nutritional and metabolic
Eye	Genitourinary system	Health service organisation and delivery
Infectious disease	Injuries, accidents and wounds	Learning disability
Mental and behavioural disorders	Mouth and dental	Musculoskeletal system
Nervous system	Obstetrics and gynaecology	Paediatrics
Palliative care	Patient experience	Physical disability
Public health	Respiratory system	