



Advice on Health Technologies

Quarterly Bulletin | July 2021

What is the purpose of this bulletin?

Health Technology Wales (HTW) produces this bulletin to support decision making on non-medicine health technologies within NHS Wales. The bulletin lists HTW reports and Guidance on non-medicine health technologies published in April–June 2021. 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.

A non-medicine health technology could be a test, device, procedure or patient pathway.

What specialties are covered this quarter?

Cancer.....	2	Genitourinary system.....	4
Cardiovascular system.....	2	Injuries, accidents and wounds.....	4
COVID-19.....	3	Musculoskeletal system.....	4
Digestive system.....	3	Nervous system.....	4
Ear, nose and throat.....	3	Respiratory system.....	4
Eye.....	3		

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 in the table below 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 (April 2021 – June 2021)

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
Cancer	IPG691: Melphalan chemosaturation with percutaneous hepatic artery perfusion and hepatic vein isolation for primary or metastatic cancer in the liver	NICE Interventional procedures guidance ¹	April 2021	For information only
	MIB263: Magtrace and Sentimag for locating sentinel lymph nodes	NICE Medtech innovation briefing ²	June 2021	For information only
	OTCA25: Stereotactic Body Radiation Therapy (SBRT) for lung, prostate and hepatic cancer	EUnetHTA rapid assessment ³	May 2021	For information only
	TER215: Intraoperative radiotherapy for the treatment of brain tumours or brain metastases	HTW Topic Exploration Report ⁴	May 2021	For information only
Cardiovascular system	O4-21: Detection of paroxysmal atrial fibrillation in patients with newly diagnosed ischaemic stroke	SHTG Assessment ⁵	May 2021	For information only
	EAR028: Handheld single lead electrocardiogram devices to detect atrial fibrillation in older adults and those with intermittent episodes	HTW Evidence Appraisal Report ⁶	May 2021	For information only
	IPG694: Permanent His-bundle pacemaker implantation for treating heart failure	NICE Interventional procedures guidance	May 2021	For information only
	IPG700: Percutaneous insertion of a closure device to repair a paravalvular leak around a replaced mitral or aortic valve	NICE Interventional procedures guidance	June 2021	For information only
	MIB257: microINR for anticoagulation therapy	NICE Medtech innovation briefing	April 2021	For information only
	MIB260: KODEX-EPD for cardiac imaging during ablation of arrhythmias	NICE Medtech innovation briefing	May 2021	For information only

¹ **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.

² **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.

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

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

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

⁶ **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.

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	MTG32: HeartFlow FFRCT for estimating fractional flow reserve from coronary CT angiography	NICE Medical technologies guidance ⁷	May 2021 (update of February 2017 guidance)	For information only
	TER216: Home blood pressure monitoring for diagnosis of hypertension	HTW Topic Exploration Report	May 2021	For information only
	TER222: Predictive monitoring for hypotension in high risk patients during surgery and in critical care	HTW Topic Exploration Report	May 2021	For information only
COVID-19	TER281: Antimicrobial treatments for medical masks or personal protective equipment to reduce respiratory disease transmission	HTW Topic Exploration Report	May 2021	For information only
	MIB264: SYNE-COV for predicting COVID-19 outcomes	NICE Medtech innovation briefing	June 2021	For information only
Digestive system	GUI029: Point-of-care ultrasound to diagnose gallstone disease	HTW Guidance ⁸	May 2021	NHS Wales should adopt this guidance or justify why it has not been followed
	IPG698: Electrohydraulic lithotripsy for difficult-to-treat bile duct stones	NICE Interventional procedures guidance	May 2021	For information only
	IPG699: Laser lithotripsy for difficult-to-treat bile duct stones	NICE Interventional procedures guidance	June 2021	For information only
	MIB259: Axonics sacral neuromodulation system for faecal incontinence	NICE Medtech innovation briefing	May 2021	For information only
	TER234: Normothermic machine perfusion of donor livers prior to transplantation	HTW Topic Exploration Report	May 2021	For information only
Ear, nose and throat	TER183: Pillow speakers to deliver sound therapy for people with tinnitus	HTW Topic Exploration Report	May 2021	For information only
Eye	GUI002-2: Corneal crosslinking to treat adults and children with keratoconus	HTW Guidance	May 2021 (update of February 2018 guidance)	NHS Wales should adopt this guidance or justify why it has not been followed

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

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

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	IPG692: Repetitive short-pulse transscleral cyclophotocoagulation for glaucoma	NICE Interventional procedures guidance	April 2021	For information only
Genitourinary system	IPG696: Transvaginal laser therapy for stress urinary incontinence	NICE Interventional procedures guidance	May 2021	For information only
	IPG697: Transvaginal laser therapy for urogenital atrophy	NICE Interventional procedures guidance	May 2021	For information only
	MIB256: RenalSense Clarity RMS for acute kidney injury	NICE Medtech innovation briefing	April 2021	For information only
	MTG58: UroLift for treating lower urinary tract symptoms of benign prostatic hyperplasia	NICE Medical technologies guidance	May 2021	For information only
	OTCA27: Comparative Effectiveness of surgical techniques and devices for the treatment of benign prostatic hyperplasia (BPH)	EUnetHTA multi- technology rapid assessment	April 2021	For information only
	TER219: Chlorhexidine-based meatal cleansing (Hexicath) prior to urinary catheter insertion	HTW Topic Exploration Report	May 2021	For information only
Injuries, accidents and wounds	MIB261: WoundExpress to manage lower leg wounds	NICE Medtech innovation briefing	June 2021	For information only
	MTG20: Parafricta Bootes and Undergarments to reduce skin breakdown in people with or at risk of pressure ulcers	NICE Medical technologies guidance	May 2021 (update of November 2014 guidance)	For information only
	MTG59: Plus Sutures for preventing surgical site infection	NICE Medical technologies guidance	June 2021	For information only
Musculoskeletal system	EARO22: Extracorporeal shockwave therapy for the treatment of musculoskeletal conditions	HTW Evidence Appraisal Report	May 2021	For information only
Nervous system	IPG693: Deep brain stimulation for chronic, severe, treatment-resistant obsessive-compulsive disorder in adults	NICE Interventional procedures guidance	April 2021	For information only
	MIB262: RapidAI for analysing CT/MRI brain scans in people with suspected acute stroke	NICE Medtech innovation briefing	June 2021	For information only
Respiratory system	EARO23: Oscillating positive expiratory pressure devices for airway clearance in chronic hypersecretory lung conditions.	HTW Evidence Appraisal Report	May 2021	For information only

Speciality	Technology Assessment	Agency/ Product	Date Published	Status in NHS Wales
	IPG695: Ex-situ machine perfusion for extracorporeal preservation of lungs (ex-vivo lung perfusion) for transplant	NICE Interventional procedures guidance	May 2021	For information only

Acknowledgements

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