



Healthcare
Improvement
Scotland

SHTG
Advice on health
technologies

Advice on Health Technologies

Quarterly Bulletin | July 2022

What is the purpose of this bulletin?

This bulletin lists advice and guidance on health technologies published in April to June 2022 by the Scottish Health Technologies Group (SHTG) and also 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?

- blood and immune system
- cancer
- cardiovascular system
- caring for older people
- COVID-19
- dermatology
- eye
- health service organisation and delivery
- infectious disease
- injuries, accidents and wounds
- mental and behavioural disorders
- mouth and dental
- musculoskeletal system
- nervous system
- paediatrics
- public health
- respiratory system

Advice and guidance is ordered by area of work or specialty, the full list is at the end of this document.

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](#).

Area of work/ Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
Blood and immune system	GUI039 Electronic blood management systems for blood transfusions	HTW Guidance ¹	Uploaded May 2022	For information only
	MIB297 Kurin Lock for blood culture collection	NICE Medtech Innovation Briefing ²	May 2022	For information only
	IPG723 Liposuction for chronic lymphoedema	NICE Interventional Procedures Guidance ³	April 2022	NHSScotland required to consider
	HTA of repatriation of paediatric haematopoietic stem cell transplant services to Ireland	HIQA Advice ⁴	June 2022	For information only
	HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination	HIQA Advice ⁴	June 2022	For information only
Cancer	GUI038 Stereotactic ablative radiotherapy (SABR) for the treatment of renal cell carcinoma	HTW Guidance ¹	Uploaded June 2022	For information only
	GUI034 Extreme Hypofractionated Radiotherapy (EHFRT) for localised prostate cancer	HTW Guidance ¹	Uploaded May 2022	For information only
	TER323 Tumour profiling tests that guide treatment decisions for early breast cancer	HTW Topic Exploration Report ⁵	Uploaded May 2022	For information only
	MIB295 ViewSite Brain Access System (VBAS) for the surgical management of deep brain lesions	NICE Medtech Innovation Briefing ²	May 2022	For information only
	MIB294 AMBLor for identifying low-risk non-ulcerated early-stage cutaneous melanomas	NICE Medtech Innovation Briefing ²	May 2022	For information only
	MIB293 Bladder EpiCheck for detecting bladder cancer recurrence	NICE Medtech Innovation Briefing ²	May 2022	For information only

¹ **Health Technology Wales (HTW) Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales.

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 **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

⁴ **Health Information and Quality Authority (HIQA) Advice:** summarises clinical and cost-effectiveness evidence and implications for the health technology in Ireland

⁵ **HTW Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration in Wales.

Area of work/ Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
Cardiovascular System	IPG725 Endoanchoring systems in endovascular aortic aneurysm repair	NICE Interventional Procedures Guidance ³	May 2022	NHSScotland required to consider
	IPG724 Personalised external aortic root support (PEARS) using mesh to prevent aortic root expansion and aortic dissection in people with Marfan syndrome	NICE Interventional Procedures Guidance ³	May 2022	NHSScotland required to consider
	MIB298 TriageHF Plus for remotely monitoring people with cardiac implantable electronic devices at risk of heart failure or worsening heart failure	NICE Medtech Innovation Briefing ²	May 2022	For information only
Caring for older people	TER337 Interactive therapeutic devices (doll therapy) in advanced dementia care	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER350 Hospital discharge services to help make housing safe and accessible for older people	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER331 Bed monitoring systems to prevent falls and pressure injuries in care homes	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	Factors associated with outbreaks of SARS-CoV-2 in nursing homes	HIQA Advice ⁴	May 2022	For information only
COVID-19	Factors associated with outbreaks of SARS-CoV-2 in nursing homes	HIQA Advice ⁴	May 2022	For information only
	Descriptive analysis of COVID-19 epidemiological indicators and associated contextual factors in European countries	HIQA Advice ⁴	April 2022	For information only
Dermatology	TER322 Photobiomodulation for the prevention and treatment of oral mucositis and radiation dermatitis associated with cancer treatment	HTW Topic Exploration Report ⁵	Uploaded May 2022	For information only
Eye	TER328 Colourimetry interventions to support people with visual stress	HTW Topic Exploration Report ⁵	Uploaded April 2022	For information only
	IPG729 Nerve graft for corneal denervation	NICE Interventional Procedures Guidance ³	June 2022	NHSScotland required to consider
Health service organisation and delivery	GUI039 Electronic blood management systems for blood transfusions	HTW Guidance ¹	Uploaded May 2022	For information only
	TER330 Remote patient monitoring (RPM) with the robotic-assist knee balancing system for people undergoing total knee replacement arthroplasty	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER340 Delivery tracking application for prescription deliveries	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER350 Hospital discharge services to help make housing safe and accessible for older people	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only

Area of work/ Speciality	Technology Assessment	Agency/ Product	Date Published	Status in Scotland
	TER348 Video feedback interventions to improve communication within family relationships and support children at risk	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER347 Intensive Family Preservation Services (IFPS) are short-term, intensive interventions aimed at families in crisis, where there is an imminent risk of out-of-home placement or children entering care	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
Infectious disease	HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination	HIQA Advice ⁴	June 2022	For information only
Injuries, accidents and wounds	TER320 Topical oxygen therapy for the treatment of non-healing wounds	HTW Topic Exploration Report ⁵	Uploaded May 2022	For information only
	MIB296 Granulox for managing chronic non-healing wounds	NICE Medtech Innovation Briefing ²	May 2022	For information only
Mental and behavioural disorders	TER324 DeltaScan Brain State Monitor for the diagnosis of acute encephalopathy and/or delirium	HTW Topic Exploration Report ⁵	Uploaded May 2022	For information only
Mouth and dental	TER322 Photobiomodulation for the prevention and treatment of oral mucositis and radiation dermatitis associated with cancer treatment	HTW Topic Exploration Report ⁵	Uploaded May 2022	For information only
Musculoskeletal system	TER 327 Powered lower limb exoskeletons to support the musculoskeletal system in adults and children with complex neurological impairments or spinal cord injuries	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER330 Remote patient monitoring (RPM) with the robotic-assist knee balancing system for people undergoing total knee replacement arthroplasty	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	IPG728 Vertebral body tethering for idiopathic scoliosis in children and young people	NICE Interventional Procedures Guidance ³	June 2022	NHSScotland required to consider
	IPG727 Synthetic cartilage implant insertion for first metatarsophalangeal joint osteoarthritis (hallux rigidus)	NICE Interventional Procedures Guidance ³	June 2022	NHSScotland required to consider
	IPG726 Supercapsular percutaneously assisted total hip arthroplasty for osteoarthritis	NICE Interventional Procedures Guidance ³	May 2022	NHSScotland required to consider
	IPG722 Intramedullary distraction for upper limb lengthening	NICE Interventional Procedures Guidance ³	April 2022	NHSScotland required to consider
Nervous system	TER324 DeltaScan Brain State Monitor for the diagnosis of acute encephalopathy and/or delirium	HTW Topic Exploration Report ⁵	Uploaded May 2022	For information only

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	MIB295 ViewSite Brain Access System (VBAS) for the surgical management of deep brain lesions	NICE Medtech Innovation Briefing ²	May 2022	For information only
Paediatrics	TER348 Video feedback interventions to improve communication within family relationships and support children at risk	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	TER347 Intensive Family Preservation Services (IFPS) are short-term, intensive interventions aimed at families in crisis, where there is an imminent risk of out-of-home placement or children entering care	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only
	IPG728 Vertebral body tethering for idiopathic scoliosis in children and young people	NICE Interventional Procedures Guidance ³	June 2022	NHSScotland required to consider
	HTA of repatriation of paediatric haematopoietic stem cell transplant services to Ireland	HIQA Advice ⁴	June 2022	For information only
	HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination	HIQA Advice ⁴	June 2022	For information only
Public health	High level review of configuration and reform of Public Health systems in selected countries	HIQA Advice ⁴	June 2022	For information only
	HTA of the expansion of the childhood immunisation schedule to include varicella (chickenpox) vaccination	HIQA Advice ⁴	June 2022	For information only
Respiratory system	GUI037 Video laryngoscopes for use in pre-hospital care	HTW Guidance ¹	Uploaded May 2022	For information only
	TER326 A continuous respiratory rate monitor (RespiraSense) for people with multiple respiratory conditions	HTW Topic Exploration Report ⁵	Uploaded June 2022	For information only

Acknowledgements

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

Area of work 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	