

NIHR

[Hybrid closed-loop systems for managing blood glucose levels in type 1 diabetes: a systematic review and economic modelling](#)

Randomised controlled trials of hybrid closed-loop interventions in comparison with continuous subcutaneous insulin infusion + continuous glucose monitoring achieved a statistically significant improvement in glycated haemoglobin per cent in time in range between 3.9 and 10 mmol/l, and in hyperglycaemic levels.

Systematic search: Limited

December 2024

[Anti-VEGF drugs compared with laser photocoagulation for the treatment of diabetic retinopathy: a systematic review and meta-analysis](#)

Anti-vascular endothelial growth factor injections reduce vision loss when compared to panretinal photocoagulation, but the benefit is small and unlikely to be clinically meaningful. Anti-vascular endothelial growth factor may have greater benefits for preventing complications such as macular oedema. Observational studies extending follow-up beyond the 1-year duration of most trials are needed to investigate the longer-term effects of repeated injections.

Systematic search: Limited

December 2024

[Assessing long-term effectiveness and cost-effectiveness of statin therapy in the UK: a modelling study using individual participant data sets](#)

The randomised evidence for effects of statin therapy is for about 5 years of treatment. There is limited randomised evidence of the effects of statin therapy in older people without previous cardiovascular disease. Based on the current evidence of the effects of statin therapy and modelled contemporary disease risks, low-cost statin therapy is cost-effective across all categories of men and women aged ≥ 40 years in the UK, with higher-intensity statin therapy cost-effective at higher cardiovascular disease risk or higher low-density lipoprotein cholesterol.

Systematic search: Limited

December 2024

[Point-of-care tests for urinary tract infections to reduce antimicrobial resistance: a systematic review and conceptual economic model](#)

More research is required to determine whether point-of-care tests for urinary tract infection have the potential to be clinically effective and cost-effective. Rapid tests such as Astrego PA-100 system and Lodestar DX appear promising, but data are very limited.

Systematic search: Limited

December 2024

The King's Fund

[Implementing a long-term plan for health: what can we learn from international examples?](#)

The UK government is developing a 10-year plan for health in England. The King's Fund examined how other governments have effectively implemented new health plans and what can be learned from their experiences. Three cases studies were analysed (from Portugal, Denmark, the Basque Country, Spain). Six priorities are suggested for developing successful long term plans - embed a clear vision and stick to it; think beyond health care; engage patients, communities and health care staff in the development and implementation of the plan; ensure implementation is a key focus from

the outset; allow plans to be adapted locally; measure implementation and evaluate the plan's success.

Systematic search: No
December 2024

SIGN

Nil

Public Health Scotland

[NHS Lanarkshire's employability programme in collaboration with Local Employability Partnerships](#)

This case study summarises the delivery of a six-month employability programme delivered by NHS Lanarkshire, PHS and Routes to Work to support individuals aged 25 years and over who are furthest from the labour market into good-quality, sustainable work, education or volunteering opportunities. The programme launched in late 2022 across NHS Lanarkshire with 26 participants beginning six-month paid placements in the following roles: administration assistant; domestic assistant; healthcare support worker; housekeeper; porter. During the placement, participants had ongoing support from dedicated job coaches/employability officers from the NHS Employability team. Overall, the programme was a success as reported through feedback from participants and managers.

Systematic search: No
December 2024

Scottish Government

[Getting it right for everyone \(GIRFE\)](#)

Factsheet on a proposed multi-agency approach of support and services from young adulthood to end of life care.

Systematic search: No
December 2024

[Approaches to rural proofing: review report](#)

This report outlines the findings of a high-level review of international approaches to rural proofing, to support work to develop a rural policy approach in Scotland. Rural proofing can be defined as 'reviewing policies through a rural lens, to make these policies fit for purpose for those who live and work in rural areas.' In Scotland, 17% of the population live in rural areas. In 2023, the Scottish Government made a commitment to apply a rural lens to all ongoing policies, and to publish a Rural Delivery Plan by 2026

Systematic search: No
December 2024

[An ethical approach to using care home data](#)

The findings from the Care Home Data Review (CHDR) include a number of recommendations around the ethical use of adult care home data, and adult social care data more generally, for uses beyond direct care. This report provides more detail than the chapter in the CHDR report.

Systematic search: No
December 2024

Scottish Medicines Consortium (SMC Advice)

[durvalumab \(Imfinzi\)](#)

NOT recommended for use within NHSScotland in combination with platinum-based chemotherapy as neoadjuvant treatment, followed by durvalumab as monotherapy after surgery, for the treatment of adults with resectable (tumours ≥ 4 cm and/or node positive) non-small cell lung cancer (NSCLC) and no known EGFR mutations or ALK rearrangements.

Systematic search: No

December 2024

[zanubrutinib \(Brukinsa\)](#)

Accepted for use as monotherapy for the treatment of adult patients with marginal zone lymphoma (MZL) who have received at least one prior anti-CD20-based therapy.

Systematic search: No

December 2024

[vibegron \(Obgemsa\)](#)

Accepted for use for symptomatic treatment of adult patients with overactive bladder (OAB) syndrome.

Systematic search: No

December 2024

[levodopa/carbidopa/entacapone \(Lecigon\)](#)

NOT recommended for use as treatment of advanced Parkinson's disease with severe motor fluctuations and hyperkinesia or dyskinesia when available oral combinations of Parkinson medicinal products have not given satisfactory results.

Systematic search: No

December 2024

NICE - Technology Appraisal Guidance

TA1023 [Elranatamab for treating relapsed and refractory multiple myeloma after 3 or more treatments](#)

Systematic search: No

December 2024

TA1021 [Crizotinib for treating ROS1-positive advanced non-small-cell lung cancer](#)

Systematic search: No

December 2024

TA1022 [Bevacizumab gamma for treating wet age-related macular degeneration](#)

Systematic search: No

December 2024

NICE – Guidelines

Nil

Health and Care Research Wales Evidence Centre

[What interventions are effective and cost-effective for supporting the health and well-being of people with obesity on healthcare waiting lists? A Rapid Review](#)

This research aimed to find evidence of interventions which might prevent patients' health and well-being from worsening whilst waiting for Tier 3 services. It did not find any studies on interventions could realistically be put in place within current budgets.

Systematic search: Limited
December 2024

EPPI Centre
Nil

AHRQ (Agency for Healthcare Research and Quality – USA)

[Diagnosis and Management of Obsessive Compulsive Disorders in Children](#)

The diagnosis of OCD relies on expert clinical evaluation, sometimes augmented by semi-structured interviews. The CBCL-OCS (Child Behavior Checklist-Obsessive Compulsive subscale) may be sufficiently accurate to indicate which youth should be further evaluated for OCD. ERP (exposure and response prevention), delivered in-person or via telehealth, is an effective treatment for OCD in children and adolescents. ERP, alone or in combination with an SSRI, is probably more effective than treatment with an SSRI alone.

Systematic search: Yes
December 2024

Health Foundation

[How improvement can help NHS productivity](#)

This analysis sets out five key actions policymakers and organisation, system and improvement leaders need to take to develop and implement a more holistic, quality-focused approach to productivity.

Systematic search: No
December 2024

Canadian Agency for drugs and Technologies in Health (CADTH)

[Artificial Intelligence–Assisted Colonoscopy for Detecting Polyps, Adenomas, Precancerous Lesions, and Colorectal Cancer](#)

AI-assisted colonoscopy may improve clinical outcomes and be more cost-effective than conventional colonoscopy for detecting polyps, adenomas, precancerous lesions, and colorectal cancer. The clinical and cost-effectiveness of different types of AI-assisted colonoscopy systems compared to each other is unknown. Systematic search: Limited
December 2024

[Attention-Deficit/Hyperactivity Disorder Medications for Adults](#)

Recommendations in an Australian guideline suggest that stimulants are commonly prescribed as first-line treatment for adult ADHD because of their rapid effect. However, for people living with ADHD who have a risk of misuse or diversion, prescribing nonstimulants as first-line therapy may be a better option.

Systematic search: Limited
December 2024

McGill University Health Centre (Canada)
Nil

Health Information & Quality Authority (Ireland) – Health Technology Assessments
Nil

Campbell Collaboration

Nil

Glasgow Centre for Population Health

Nil

Selected other recent reports

Age UK (2024) [You are not alone in feeling lonely](#)

This report presents new evidence about the scale of loneliness among people aged 65 and over, examines “what works” and shares a range of case studies that highlight the breadth of ways local services have sought to respond to loneliness.

Nuffield Trust et al. (2024) [Practice learning in nursing and midwifery education: an independent rapid review](#)

This report, written with the Florence Nightingale Foundation and commissioned by the Nursing and Midwifery Council, examines the current regulations and standards for practice learning in the UK. It did not find clear evidence to determine the optimal number of practice hours needed to ensure safe and effective practice or support the current requirement of 2,300 hours. There was consensus among stakeholders that the quality of practice learning mattered more than its duration, and that current requirements need revisiting to better assure quality and reduce inconsistencies in experience. There was also limited evidence and mixed stakeholder views on what number of births, assessments and other learning objectives should be required as part of midwifery training standards.

Social Market Foundation (2024) [In the blink of an AI](#)

This report “outlines the benefits the civil service and public sector can reap by further integrating AI and automation into its user-facing workstreams, as well as the time savings available to the public which use them”. For example, it suggests that “AI could help allocate over 90% of GP appointments and reduce caller volume, helping solve the ‘8 AM rush’ crisis”.

UK Health Security Agency (2024) [Clostridioides difficile diagnostic test accuracy: a rapid review](#)

The evidence identified supports the 2-step testing approach recommended in the 2012 DHSC guidance. No new tests were identified that performed as well as the 2-step approach, and studies considering different combinations of tests consistently reported the 2-step approach of GDH and NAAT as having best balance of sensitivity and specificity. These findings should be interpreted with caution given the risks of bias identified and concerns that the findings of these studies may not be generalisable to all populations.

UK Health Security Agency (2024) [Influenza A \(H5\) - GOV.UK](#)

This rapid evidence summary summarises evidence relating to the infectious and incubation period of influenza (H5). It explores the infectious period and incubation period of influenza A (H5).

UK Health Security Agency (2024) [Influenza A \(H5\) in non-human mammals](#)

This rapid evidence summary summarises evidence relating to the infectious period and the incubation period of influenza A (H5) in non-human mammals.

UK Health Security Agency (2024) [Bloodborne viruses \(BBVs\): opt-out testing in emergency departments \(EDs\)](#)

Interim public evaluation of the of the opt-out BBV testing in EDs programme in England.

NICE FORWARD PLANNING – Publications due January 2025

Maternal and child nutrition

Public Health Medicine Clinical Guideline - update (new clinical practice evidence)

Durvalumab with etoposide and platinum-based chemotherapy for untreated extensive-stage small-cell lung cancer

Technology Appraisal

Talazoparib with enzalutamide for untreated hormone-relapsed metastatic prostate cancer

Technology Appraisal

Vadadustat for treating symptomatic anaemia in adults having dialysis for chronic kidney disease

Technology Appraisal

Maralixibat for treating cholestatic pruritus in Alagille syndrome

Technology Appraisal

Brentuximab vedotin with doxorubicin, dacarbazine and vinblastine for previously untreated late-stage classical Hodgkin lymphoma (including Review of TA594)

Technology Appraisal

Cabotegravir for preventing HIV-1 in adults and young people

Technology Appraisal

Fosdenopterin for treating molybdenum cofactor deficiency type A

Technology Appraisal