



NHS information support for evidence-based practice

Alert 126

Selected resources published in May/June 2024

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Hospital at Home: South East Virtual Ward Evaluation



Virtual ward services enable patients to receive acute care in their home or usual place of residence. These services aim to improve patient experience and reduce demand on hospital beds, by either preventing avoidable attendances and admissions, or reducing length of stay.

In order to bridge the current gap in supporting evidence, NHS England (South East) commissioned an independent evaluation of existing services in the region from management consultancy group PPL.

The evaluation analysed over 22,000 virtual ward admissions using patient-level data. The analysis incorporated 29 virtual wards (64% of all South East region virtual ward admissions as of February 2024) with a view to examining the systemic impact of virtual wards, such as patient flow and capacity.

It was found that virtual wards in South East England are associated with a positive impact on avoided non-elective hospital activity. On average, one non-elective admission 'avoided' was shown to be correlated with 2.5 virtual ward admissions, with some virtual wards achieving a 1:1 association between the 'avoided' non-elective admissions and virtual ward activity.

There is also evidence of positive net financial benefits associated with this regional virtual ward provision, with total annualised net benefit of £10.4 million, for the virtual wards analysed.

However, some significant gaps in patient data were noted, namely ethnicity, leading to consistent underrepresentation in virtual ward patient cohorts of black and ethnic minority patients. **Read more here:** [PPL South East Region Virtual Wards Evaluation: Final report](#)

KnowledgeShare Team

William Harvey Library, GETEC, George Eliot Hospital NHS Trust, College St, Nuneaton, CV10 7DJ. email: library@geh.nhs.uk
Education Centre Library, Warwick Hospital, Lakin Road, Warwick, CV34 5BW. Email: library@swft.nhs.uk

Patient Experience and Safety

Reviews

Effect of interventions to improve safety culture on healthcare workers in hospital settings: a systematic review of the international literature. [\[Abstract\]](#)

Finn M. *BMJ Open Quality* 2024;13(2):e002506.

[Check for full-text availability](#)

[Key experiences for hospital staff impacted by safety culture interventions included increased stress recognition and job satisfaction, reduced emotional exhaustion, burnout and turnover, and improvements to working conditions. Effects were documented for interventions with longer time scales, strong institutional support and theory-informed interventions situated within specific units.]

Report

[Artificial Intelligence in Health Care: Implications for Patient and Workforce Safety.](#)

Institute for Healthcare Improvement (IHI); 2024.

<https://www.ihl.org/resources/publications/artificial-intelligence-health-care-implications-patient-and-workforce>

[This IHI Innovation Report presents a detailed review of three primary applications of generative artificial intelligence (genAI) in health care, including benefits and potential patient safety risks and unintended consequences resulting from genAI tools.]

[Co-production and engagement with communities as a solution to reducing health inequalities.](#)

NHS Providers; 2024.

<https://nhsproviders.org/co-production-and-engagement-with-communities-as-a-solution-to-reducing-health-inequalities>

[This report outlines the principles and benefits of co-production, exploring the actions trusts can take to put this into practice.]

Toolkit

[Using plain language in health information: A quick guide.](#)

Patient Information Forum (PIF); 2024.

<https://pifonline.org.uk/resources/how-to-guides/using-plain-language-in-health-information/>

[The Patient Information Forum has published an update to its quick guide to using plain language in health information. The guide includes data on literacy challenges, top tips for writing in plain language, and advice on use of word economy and active language. It also offers advice on communicating risks and benefits and the use of artificial intelligence in the production of health information.]

Original Research

Development of a survey to support assessment of safety learning systems. [\[Abstract\]](#)

Mahmoud HA. *BMJ Open Quality* 2024;13(2):e002738.

[Check for full-text availability](#)

Experiences and impact of psychiatric inpatient admissions far away from home: a qualitative study with young people, parents/carers and healthcare professionals. [\[Abstract\]](#)

Roe J. *BMJ Mental Health* 2024;27(1):e300991.

[Check for full-text availability](#)

Locum doctor working and quality and safety: a qualitative study in English primary and secondary care.

[\[Abstract\]](#)

Ferguson J. *BMJ Quality & Safety* 2024;33(6):354-362.

[Check for full-text availability](#)

Understanding patient safety in dentistry: evaluating the present and envisioning the future: A Narrative Review [\[Abstract\]](#)

Padmanabhan V. *BMJ Open Quality* 2024;13(Suppl 2):e002502.

[Check for full-text availability](#)

Managing and Leading People

Guideline / Policy

[A Guide for Leaders Implementing NHS Impact.](#)

NHS Providers; 2024.

<https://nhsproviders.org/navigating-partnerships>

[NHS IMPACT articulates a detailed vision for quality improvement across the NHS. The task of mobilising that vision, however, falls to leaders. As a result, leaders at many of England's health system's 200+ trusts are looking for help — a partner organisation to guide the transformations in culture, management practice and improvement capabilities that are necessary to bring NHS IMPACT to life.]

[Addressing health inequalities across allied health professional \(AHP\) services: a guide for AHP system leaders.](#)

Department of Health and Social Care (DHSC); 2024.

<https://www.gov.uk/government/publications/addressing-health-inequalities-across-allied-health-professional-ahp-services-a-guide-for-ahp-system-leaders>

[Guidance developed with AHP leaders to support the planning, implementation and evaluation of actions to reduce health inequalities in AHP services.]

[Sustainable people practices: A framework to empower tomorrow's workforce to be net better off.](#)

Chartered Institute of Personnel and Development (CIPD); 2024.

<https://www.cipd.org/uk/about/news/cipd-skillnet-launch-sustainable-people-practice-framework/>

[With funding from Skillnet Ireland, the CIPD has collaborated with a range of experts to develop a framework to upskill people professionals and help them navigate their crucial role in building responsible, sustainable organisations.]

[Supporting International Recruitment - Principles & Standards.](#)

The Society of Radiographers; 2024.

<https://www.sor.org/learning-advice/professional-body-guidance-and-publications/documents-and-publications/policy-guidance-document-library/supporting-international-recruitment-principles-st>

[These standards are intended to inform and guide employers, managers and professional members. This guidance covers the principles and standards expected when international recruitment into the UK's health and social care sector is being undertaken in the NHS and Independent Sector.]

Reviews

[Maslach Burnout Inventory – General survey: A systematic review and meta-analysis of measurement properties.](#)

De Beer. *European Journal of Psychological Assessment* 2024;:Advance online publication.

[Overall, the findings provided some support for the adequacy of the measurement properties of the MBI-GS as a research tool measuring exhaustion, cynicism, and professional efficacy. However, we also identified challenges and practices of which researchers should be cognisant and that they should consider in future burnout projects.]

[Work engagement of psychiatric nurses: a scoping review. \[Abstract\]](#)

Mukaihata T. *BMJ Open* 2024;14(4):e081941.

[Check for full-text availability](#)

[Work engagement of psychiatric nurses has lately gained attention, although data are limited because most studies used a cross-sectional design. Psychiatric nurses with higher work engagement showed positive outcomes. Workplace and individual factors can potentially improve their work engagement. The findings can assist nursing managers in enhancing psychiatric nurses' work engagement and, consequently, their performance.]

Report

[District nursing today: the view of district nurse team leaders in the UK.](#)

The Queen's Nursing Institute (QNI); 2024.

<https://qni.org.uk/wp-content/uploads/2024/06/District-Nursing-Today-2024.pdf>

[More than 1,500 district nurse team leaders from all countries of the UK contributed to this report, through an online survey undertaken in 2023. The survey makes extensive comparison with data gathered in 2019, illustrating trends in the workforce since the Covid-19 pandemic. The report focuses on the demographic profile of the workforce, working practices and technology, education and professional development, and capacity in nursing teams.]

[Do current HR operating models serve future needs?](#)

Chartered Institute of Personnel and Development (CIPD); 2024.

<https://www.cipd.org/en/views-and-insights/thought-leadership/insight/future-models>

[This article looks at what's driving change in HR structures, what emerging models look like and what to consider when evolving your current model.]

[Nursing locally, thinking globally: UK-registered nurses and their intentions to leave.](#)

The Health Foundation; 2024.

<https://www.health.org.uk/publications/long-reads/nursing-locally-thinking-globally-uk-registered-nurses-and-their-intentions>

[Record numbers of nurses trained outside the UK and EU have joined the UK nurse register in recent years. While there has been a strong focus on this inflow of nurses from other countries, much less attention has been paid to the outflow of nurses from the UK.]

Professional Development

[Recruiting refugees into the workforce webinar recording](#)

NHS Employers; 2024.

<https://www.nhsemployers.org/articles/recruiting-refugees-workforce-webinar-recording>

[Watch our recording of the webinar on recruiting refugees into the workforce, which took place on 20 June 2024. We were joined by Anthony Sembatya and Nathan Christie-Plummer from North West London ICB, and Massoud Fouladi and Carolyn Regan, who shared their insights and experiences of the work which has now led to a national programme for refugees into employment, helping other organisations with recruiting refugees.]

Toolkit

[Line manager support.](#)

Chartered Institute of Personnel and Development (CIPD); 2024.

<https://www.cipd.org/en/topics/line-manager-support/>

[CIPD resources to support you in your approach to people management, including factsheets, guides and research reports.]

Original Research

Exploring the impact of compassion and leadership on patient safety and quality in healthcare systems: a narrative review. [\[Abstract\]](#)

Ahmed Z. *BMJ Open Quality* 2024;13(Suppl 2):e002651.

[Check for full-text availability](#)

[Sustainable Healthcare Quality and Job Satisfaction through Organizational Culture: Approaches and Outcomes.](#)

Hoxha G. *Sustainability* 2024;16(9):3603.

Education and Professional Practice

Guideline / Policy

[NHS England Prescribing and Support Assurance Framework.](#)

Health and Care Professions Council (HCPC); 2024.

<https://www.hcpc-uk.org/resources/policy/prescribing-and-support-assurance-framework/>

[NHS England, in collaboration with stakeholders across the UK including HCPC, has developed a framework to demonstrate the resources, governance measures, considerations and responsibilities in place to ensure and assure safe prescribing.]

[RCN professional development framework: Advanced Level Nursing](#)

[RCN professional development framework: Consultant Level Nursing](#)

[RCN professional development framework: Enhanced Level Nursing](#)

Royal College of Nursing (RCN); 2024.

[The RCN has developed definitions and standards for the enhanced, advanced and consultant levels of nursing to provide clarity for those members of the nursing workforce who aspire to practice at these levels, as well as for employers and higher education institutes (HEIs).]

Reviews

[A systematic review of online team based learning approaches in health professional education.](#)

Burton R. *Nurse Education Today* 2024;138:-.

[It is recommended that further research is carried out into the outcomes of TBL on learning and experiences of students in health professional courses. The development and appraisal of integrated TBL platforms should be invested in and infrastructure and resources are put in place to support this.]

[A systematic review of shared decision making training programs for general practitioners.](#) [\[Abstract\]](#)

Jaeken J. *BMC Medical Education* 2024;24(1):592.

[Check for full-text availability](#)

[Shared decision making (SDM) has been presented as the preferred approach for decisions where there is more than one acceptable option and has been identified a priority feature of high-quality patient-centered care. Considering the foundation of trust between general practitioners (GPs) and patients and the variety of diseases in primary care, the primary care context can be viewed as roots of SDM. GPs are requesting training programs to improve their SDM skills.]

[Nursing students' experiences of flipped classroom teaching method in higher education: a systematic review.](#) [\[Abstract\]](#)

Morini S. *British Journal of Nursing* 2024;33(10):464-471.

[Check for full-text availability](#)

[During the COVID-19 pandemic face-to-face activities were suspended, boosting the delivery of online teaching. As students returned to campuses, the delivery of active learning teaching methods followed a blended learning style. The flipped classroom, which is a student-centred approach, appears to be an effective teaching method, generating improved learning outcomes. No systematic review has so far explored students' experiences of this teaching method - a knowledge gap this review addresses.]

[Wearable Biosensor Technology in Education: A Systematic Review.](#)

Hernández-Mustieles MA. *Sensors* 2024;24(8):2437.

[This systematic review encompasses a comprehensive analysis of WBT utilization in educational settings over a 10-year span (2012–2022), highlighting the evolution of this field to address challenges in education by integrating technology to solve specific educational challenges, such as enhancing student engagement, monitoring stress and cognitive load, improving learning experiences, and providing real-time feedback for both students and educators.]

[Use and effectiveness of the arts for enhancing healthcare students' empathy skills: A mixed methods systematic review.](#)

Tracy Levett-Jones. *Nurse Education Today* 2024;138:-.

[Arts interventions generally have a positive effect on healthcare students' empathy levels and enable a nuanced conceptual understanding of empathy. Arts modalities used as a stimulus for active learning and supported with facilitated group-based discussion and/or reflection, tend to be most effective.]

[The effectiveness of virtual reality technology in student nurse education: A systematic review and meta-analysis](#)

Panpan Huai. *Nurse Education Today* 2024;138:106189.

[The results of this study show that virtual reality technology has a positive impact on nursing students. Nonetheless, it is crucial not to underestimate the effectiveness of traditional education methods, and future research could analyze the impact of different populations on nursing education while improving virtual reality technology, to more comprehensively explore how to improve the quality of nursing education.]

Report

[Enhancing collaboration through interprofessional learning.](#) [\[Abstract\]](#)

Tatterton MJ. *Evidence-Based Nursing* 2024;27(3):86-87.

[Check for full-text availability](#)

[IPE promotes increased awareness of the roles of other healthcare professionals and engenders mutual respect across professions. IPE that includes opportunities for mixed-discipline learning and interaction enhances skills in collaboration and increases learner's perceptions of high-quality team working and interprofessionalism.]

[Potential impact of large language models on academic writing.](#) [\[Abstract\]](#)

Alahdab F. *BMJ Evidence-Based Medicine* 2024;29(3):201-202.

[Check for full-text availability](#)

[The advent of large language models, such as Open AI's ChatGPT2, GPT-4, Google's Bert and Bard, has brought unprecedented potential along with new ethical dilemmas. It is crucial to remain vigilant and adaptive in

our approach as to how these tools work and what their capabilities, and particularly their weaknesses, are. The long-term implications on the future of science and academic process are easy to oversee, are more difficult to discern, and are ultimately the most important to study.]

Professional Development

Creating lived experience simulations. [\[Abstract\]](#)

Mitchell A. *British Journal of Nursing* 2024;33(11):522-523.

[Check for full-text availability](#)

[Simulation-based learning pedagogy is widely recognised in nursing education as helping to develop students' knowledge, skills and attitudes, while ensuring that when students move to the practice setting patients are protected from avoidable harm. Clinical experiences and specific learning opportunities in practice settings can be serendipitous, simulation-based learning offers specifically targeted experiences mapped to Nursing and Midwifery Council (2018) guidelines.]

Finding Quality Health Information

Attend this session if you need to search literature for your research project, or if you are required to do any form of review, including systematic reviews.

RSCH Library	Monday 15 July Monday 29 th July	2.00 – 4.00pm 2.00 – 4.00pm
PRH Library	Tuesday 16 th July	10.00am – 12.00pm
Online	Wednesday 17 th July Wednesday 24 th July	10.00am - 12.00pm 2.00 – 4.00pm

For further dates and to book, visit: <https://www.uhsussex.nhs.uk/professionals/knowledge-and-libraries/information-skills-teaching/finding-quality-health-information/>

Finance and Procurement

Guideline / Policy

[Digital Health Advisory Services framework agreement.](#)

NHS Shared Business Services; 2024.

<https://www.sbs.nhs.uk/services/framework-agreements/digital-health-advisory/>

[Developed in collaboration with NHS England's Transformation Directorate, NHS SBS's Digital Health Advisory Services framework agreement comprises 40 carefully vetted providers of consultancy services that can support with the delivery of IT projects, clinical informatics advisory, digital training, and provision of temporary staff with DDaT skills. Free to access, it can be used by GP practices, hospitals, health centres, emergency services through to integrated care systems.]

[Purchasing for safety.](#)

Specialist Pharmacy Service; 2024.

<https://www.sps.nhs.uk/articles/purchasing-for-safety/>

[Using principles of purchasing for safety when making purchasing decisions supports the safe clinical use of medicines and can minimise inadvertent harm.]

Evidence-based Summary

[Standardised hospital design is not new and may not be the best approach](#)

Davies S M. *British Journal of Healthcare Management* 2024;30(6):1-4.

[Following criticism of the New Hospital Programme, Stephen M Davies highlights lessons from the UK's history of standardised hospital building programmes since the 1960s, suggesting that this may not be the most effective approach.]

Report

[Briefing: New Healthcare Financial Management Association NHS audit committee handbook following changes.](#)

NHS Providers; 2024.

<https://nhsproviders.org/resources/briefings/briefing-new-hfma-nhs-audit-committee-handbook-following-changes>

[The HFMA's NHS audit committee handbook sets out good practice to support NHS boards and audit

committees in reviewing their organisation's system of governance, risk management, and control. A fully revised edition was recently published, taking account of recent learning from governance failings in the corporate and public sectors. This update reflects the Health and Care Act 2022 and includes consideration of the risks and opportunities of system working and collaboration.]

The past and future of UK health spending.

Institute for Fiscal Studies (IFS); 2024.

<https://ifs.org.uk/sites/default/files/2024-05/IFS-REPORT-The-past-and-future-of-UK-health-spending.pdf>

[Health spending, and the performance of the NHS, will feature prominently in the upcoming general election campaign. Many different factors matter for NHS performance and for the wider health of the population, but one important factor is the level of spending on health services. This pre-election report examines UK government health spending over the past seven decades. It then discusses the outlook for health spending over the years to come.]

Pharmacy.

Health and Social Care Select Committee; 2024.

<https://committees.parliament.uk/publications/45156/documents/223614/default/>

[This report finds the current Community Pharmacy Funding Framework not fit for purpose and urges an overhaul to reduce its complexity. It concludes that a new framework is necessary to deliver adequate funding and prevent damaging cross-subsidy between clinical services and prescription dispensing, as is currently the case. Reductions in core funding to community services of 30% since 2015 equates to an annual shortfall per pharmacy of between £67,000 and £100,000.]

Original Research

Productivity of the English National Health Service: 2021/22 update.

Centre for Health Economics; 2024.

<https://www.york.ac.uk/media/che/CHE196.pdf>

Service Design and Commissioning

Guideline / Policy

Community pharmacy primary care network engagement role.

NHS England; 2024.

<https://www.england.nhs.uk/publication/community-pharmacy-primary-care-network-engagement-role/>

[The community pharmacy primary care network (PCN) engagement lead role has been established to support the regional implementation of the pharmacy Primary Care Access Recovery Plan (PCARP) requirements, including implementing the Pharmacy First Service and expanding the Blood Pressure Checks Service and Pharmacy Contraception Service.]

Reviews

Comprehensive care programmes for children with medical complexity. [Abstract]

Harvey AR. *Cochrane Database of Systematic Reviews* 2024;5:CD013329.

[Check for full-text availability](#)

[Children with medical complexity (CMC) represent a small, but growing, proportion of all children. It has been suggested that improving aspects of healthcare delivery for CMC improves health- and quality of life-related outcomes for children and their families and reduces healthcare-related expenditure. As a result, dedicated comprehensive care programmes have been established at many hospitals to meet the needs of CMC; however, it is unclear if such programmes are effective.]

Access to primary care for children and young people (CYP) in the UK: a scoping review of CYP's, caregivers' and healthcare professionals' views and experiences of facilitators and barriers. [Abstract]

Herlitz L. *BMJ Open* 2024;14(5):e081620.

[Check for full-text availability](#)

[Connecting general practices and community health workers/services, improving CYP/caregivers' understanding of common childhood conditions, addressing HCP's knowledge gaps in paediatric care and integrated approaches between primary and secondary care may reduce inequity in access.]

Overcoming stagnant flow: A scoping review of vertical movement in the emergency department.

[Abstract]

Lowie BJ. *Academic Emergency Medicine* 2024;31(3):256-262.

[Check for full-text availability](#)

[The findings of this scoping review provide the first summative report of existing literature on vertical flow processes within the ED setting. Despite different measurable outcomes and varied processes, most articles support the use of vertical flow to improve throughput.]

Strategies to Enhance Access and Utilization of Health Services by Older Population: A Comprehensive Scoping Review.

Alireza Hajizadeh. *Health & Social Care in the Community* 2024;2024(1):3645115.

[This scoping review compiled a range of interventions aimed at enhancing older adults' access to and utilization of health services. While most of these interventions have been implemented in high-income countries, other nations can adapt their effective approaches to their unique contexts.]

Total triage model in general practice: a systematic review of the opportunities and challenges. [Abstract]

Rolfe S. *British Journal of General Practice* 2024;74(suppl 1):bjgp24X737601.

[Check for full-text availability](#)

[TT can influence patient access, safety, and equity. The approach may also generate profoundly different working styles for general practice. This review adds to current debates surrounding patient access and TT, and consequences for staff/patients. The findings can be used to aid practices when navigating the new GP contract and the implementation of new TT approaches.]

Evidence-Based Summary

The link between social care deficiencies and healthcare pressures

Mechie S. *British Journal of Healthcare Management* 2024;30(5):1-5.

[In the UK, demand on the social care sector is rising, while a substantial reduction in funding makes meeting those demands a challenge. Exploring potential solutions to address the growing demands on health and social care, this commentary provides a critical evaluation of a systematic review that investigated the association between the availability and supply of social care services and the use of healthcare services among older adults in high-income countries.]

Report

Programme theories to describe how different general practitioner service models work in different contexts in or alongside emergency departments (GP-ED): realist evaluation. [Abstract]

Cooper A. *Emergency Medicine Journal* 2024;41(5):287-295.

[Check for full-text availability](#)

[Addressing increasing patient demand and improving ED patient flow is a key ambition for NHS England. Delivering general practitioner (GP) services in or alongside EDs (GP-ED) was advocated in 2017 for this reason, supported by £100 million (US\$130 million) of capital funding. Current evidence shows no overall improvement in addressing demand and reducing waiting times, but considerable variation in how different service models operate, subject to local context.]

Commissioning community champions: lessons from a pandemic.

The King's Fund; 2024.

<https://www.kingsfund.org.uk/insight-and-analysis/reports/commissioning-community-champions-pandemic>

[This research was commissioned by the Department for Health and Social Care and the Office for Health Inequalities and Disparities to explore the development of community champions programmes during the pandemic. The research sought to describe the scale and diversity of programmes and associated learning, with the opportunity to inform the parameters of any future evaluation.]

Integrated care systems report 2024.

Association of Directors of Public Health (ADPH); 2024.

<https://www.adph.org.uk/wp-content/uploads/2024/06/ADPH-Integrated-Care-Systems-Report-2024.pdf>

[Directors of Public Health (DsPH) and their teams have adapted and sought to collaborate with ICSs effectively since their inception in 2022 for the benefit of the health of local populations. This report summarises the results of a survey to investigate and understand the experiences of DsPH when engaging with ICSs.]

Prevention, population health and prosperity: a new era in devolution.

NHS Confederation; 2024.

<https://www.nhsconfed.org/publications/prevention-population-prosperity-devolution>

[Exploring priorities, opportunities and challenges in bringing together health and local government devolution.]

Taking stock of the government's delivery plan for recovering primary care: one-year-on review.

PAGB, the Consumer Healthcare Association; 2024.

<https://www.pagb.co.uk/news/self-care-strategy-group-launch-one-year-on-report-on-primary-care-recovery-plan/>

[The Self-Care Strategy Group, founded by PAGB in 2019 with representatives of leading pharmacy and health care organisations, has published a report for recovering access to primary care. This new one-year-on report reviews progress to date and makes recommendations to build on the commitments in the plan to improve support for people to self-care.]

Quality Improvement and Innovation

Guideline / Policy

[Recommendation of the Council on Artificial Intelligence.](#)

Organisation for Economic Co-operation and Development (OECD); 2024.

<https://www.oecd.org/newsroom/oecd-updates-ai-principles-to-stay-abreast-of-rapid-technological-developments.htm>

[The 2024 OECD Ministerial Council Meeting (MCM) has adopted revisions to the landmark OECD Principles on Artificial Intelligence (AI). In response to recent developments in AI technologies, notably the emergence of general-purpose and generative AI, the updated Principles more directly address AI-associated challenges involving privacy, intellectual property rights, safety, and information integrity.]

Reviews

Between-hospital variation in indicators of quality of care: a systematic review. [\[Abstract\]](#)

van der Linde M. *BMJ Quality & Safety* 2024;33(7):443-455.

[Check for full-text availability](#)

[Hospital-level variation in quality indicator scores is generally small relative to residual variation. However, meaningful variation between hospitals does exist for multiple indicators, especially for care processes which can be directly influenced by hospital policy. Quality improvement strategies are likely to generate more impact if preceded by level-specific and indicator-specific analyses of variation, and when absolute variation is also considered.]

[Frameworks for procurement, integration, monitoring, and evaluation of artificial intelligence tools in clinical settings: A systematic review.](#)

Khan SD. *PLOS Digital Health* 2024;:doi.org/10.1371/journal.pdig.0000514.

[Common themes extracted included transparency, feasibility of operation within existing workflows, integrating into existing workflows, validation of the tool using predefined performance indicators and improving the algorithm and/or adjusting the tool to improve performance. The current healthcare AI landscape calls for increased data sharing and knowledge translation to facilitate common goals and reap maximum clinical benefit.]

[AI Quality Standards in Health Care: Rapid Umbrella Review.](#)

Kuziemyk CE. *Journal of Medical Internet Research* 2024;26:e54705.

[This rapid umbrella review examines the use of AI quality standards in a sample of health care AI systematic review articles published over a 36-month period. Despite the growing number of AI standards to assess the quality of health care AI studies, they are seldom applied in practice.]

Implementation barriers and facilitators of remote monitoring, remote consultation and digital care platforms through the eyes of healthcare professionals: a review of reviews. [\[Abstract\]](#)

Oudbier SJ. *BMJ Open* 2024;14(6):e075833.

[Check for full-text availability](#)

[The implementation strategy should address the key barriers highlighted by HCPs, for instance, by providing adequate training to familiarise HCPs with the technology, adapting the technology to the patient preferences and addressing technical issues. Barriers on both HCP and patient levels can be overcome by investigating the needs of the end-users.]

Report

[A new national purpose: harnessing data for health.](#)

Tony Blair Institute for Global Change; 2024.

<https://www.institute.global/insights/politics-and-governance/a-new-national-purpose-harnessing-data-for-health>

[This report describes how large health and biomedical data sets, artificial intelligence and advances in biotechnology can improve and innovate health care, prevent disease and help people live longer, healthier lives. It looks at the challenges this could bring and suggests ways these challenges can be overcome.]

[Providers Deliver: Achieving Value for Money](#)

NHS Providers; 2024.

<https://nhsproviders.org/providers-deliver-achieving-value-for-money>

[This report, the latest in the NHS Providers Providers Deliver series, focuses on the topic of productivity, highlighting how trusts are making gains in a challenging environment, while focusing on quality and safety.]

[South East region virtual wards evaluation: final report.](#)

PPL; 2024.

<https://ppl.org.uk/wp-content/uploads/2024/05/ANONYMISED-South-East-Region-Virtual-Wards-Evaluation-Final-version-1.3.pdf>

[This independent evaluation of virtual wards in the South East is a pioneering effort to fill the critical evidence gap, offering actionable insights for health care providers, policy-makers and researchers.]

[Ghost in the inbox: AI may help alleviate the burden of patient messages.](#) [\[Abstract\]](#)

Rose C. *Evidence-Based Nursing* 2024;27(2):65.

[Check for full-text availability](#)

[AI assistants could be used to draft responses for physicians and nurses, potentially addressing a key element of burn-out. Further research is needed to assess the impact of communication on healthcare outcomes and should incorporate patient evaluations and feedback.]

[How provider collaboratives are developing shared, equitable improvement approaches.](#)

NHS Providers; 2024.

<https://nhsproviders.org/how-provider-collaboratives-are-developing-shared-equitable-improvement-approaches>

[With provider collaboratives playing a critical role in realising the benefits of system working, and with the launch of NHS IMPACT last year, there's an increasing interest in how continuous improvement in partnership might help meet the unprecedented challenges facing the service.]

[Urgent and emergency care recovery plan year 2: building on learning from 2023/24.](#)

NHS England; 2024.

<https://www.england.nhs.uk/publication/urgent-and-emergency-care-recovery-plan-year-2-building-on-learning-from-2023-24/>

[The Delivery plan for recovering urgent and emergency care was published in January 2023. Setting out a two-year action plan from April 2023, it is backed by a £1 billion improvement package and £200 million ambulance fund, with the ambition of reducing the time people spend in A&E or waiting for ambulances to arrive. This update highlights the progress made over 2023/24 in delivering the actions set out in the delivery plan.]

Statistics

[Data and Charts: What are diagnostics, and how are diagnostics services performing?](#)

London: The King's Fund; 2024.

<https://www.kingsfund.org.uk/insight-and-analysis/data-and-charts/what-are-diagnostics>

[Demand for diagnostics has been increasing steadily over the past decade as hospital referrals and attendances have risen, and there has been a significant increase since the Covid-19 pandemic. This means more people – 1.6 million in March 2024 – are now waiting for diagnostic tests, a 106% increase over the previous decade.]

Climate Change and Sustainability

Reviews

[Carbon footprint of healthcare systems: a systematic review of evidence and methods.](#) [\[Abstract\]](#)

Keil M. *BMJ Open* 2024;14(4):e078464.

[Check for full-text availability](#)

[The results of this review show that healthcare systems contribute substantially to national carbon emissions, and hospitals are one of the main contributors in this regard. They also show that mitigation measures can help reduce emissions over time. The checklist developed here can serve as a reference point to help make methodological decisions in future research reports as well as report homogeneous results.]

[Improving Environmental Sustainability of Operating Theatres: A Systematic Review of Staff Attitudes, Barriers, and Enablers.](#)

Lodhia S. *Annals of Surgery* 2024; Online ahead of print:doi: 10.1097/SLA.0000000000006337.

[This systematic review identified attitudes and barriers perceived by clinicians towards improving environmental sustainability within operating theatres, which may inform future strategy towards sustainable surgery. Most studies used a survey-design, whereas use of interviews may provide deeper insights.]

[The Effectiveness of Educational Interventions in Improving Waste Management Knowledge, Attitudes, and Practices among Healthcare Workers: A Systematic Review and Meta-Analysis.](#)

Conti A. *Sustainability* 2024;16(9):3513.

[Educational interventions (EIs) can be delivered through a single component or by combining different components. Compared to the mono-component EIs, the multi-component EIs showed a higher statistically significant positive post-intervention effect on knowledge, with greater retention in the medium–long term, and on practices, particularly among non-hands-on HCWs. The effects of the EIs on attitudes were not significant.]

Evidence-Based Summary

[Health equity impacts of climate change.](#)

UK Health Security Agency (UKHSA); 2024.

<https://www.gov.uk/government/publications/health-equity-impacts-of-climate-change>

[This rapid mapping review identifies and categorises evidence on the health equity impacts of climate change in the UK. Studies reporting on the health impacts of climate change and the solutions and responses to address climate change in population groups experiencing social vulnerabilities in the UK were identified (search date: 19 February 2024) and mapped onto an interactive evidence gap map.]

Professional Development

[Climate and health](#)

Royal College of Obstetricians and Gynaecologists (RCOG); 2024.

https://elearning.rcog.org.uk/product?catalog=co_climatehealthbundle

[The climate and ecological crisis is the greatest global health threat of the 21st century. This three-part Climate and health course explores the impact of climate change on health, the contribution of healthcare to environmental damage, the concept of carbon hotspots and carbon footprinting, the principles of sustainable clinical practice and other ways health workers are influencing environmental policy and action.]

Original Research

[A Pilot Study into the Use of Qualitative Methods to Improve the Awareness of Barriers to Sustainable Medical Waste Segregation within the United Kingdom's National Health Service.](#)

Webb C. *Sustainability* 2024;16(7):3027.

[Balancing Patient Needs With Environmental Impacts for Best Practices in General Anesthesia: Narrative Review and Clinical Perspective.](#)

Matthieu Jabaudon. *Anaesthesia, Critical Care & Pain Medicine* 2024;;10.1016/j.accpm.2024.101389.

Managing greenhouse gas emissions in the terminal year of life in an overwhelmed health system: a paradigm shift for people and our planet. [\[Abstract\]](#)

Sergeant M. *The Lancet. Planetary Health* 2024;8(5):e327-e333.

[Check for full-text availability](#)

[Shaping the Future of Healthcare: Integrating Ecology and Digital Innovation.](#)

Bevere D. *Sustainability* 2024;16(9):3835.

Public Health

Reviews

[Assessing the performance of the integrated disease surveillance and response systems: a systematic review of global evidence.](#)

S D Sasie. *Public Health* 2024;231:-.

[This review shows significant variations in the performance of public health surveillance systems across countries. Further research is needed to understand underperformance reasons and inform global policymaking for strengthening surveillance systems.]

[Psychosocial and medication interventions to stop or reduce alcohol consumption during pregnancy.](#)

[\[Abstract\]](#)

Minozzi S. *Cochrane Database of Systematic Reviews* 2024;4:CD015042.

[Check for full-text availability](#)

[Despite the known harms, alcohol consumption is common in pregnancy. Rates vary between countries, and are estimated to be 10% globally, with up to 25% in Europe.]

Evidence-Based Summary

[Start For Life services: thematic review.](#)

Care Quality Commission, and Ofsted; 2024.

<https://www.gov.uk/government/publications/start-for-life-services-thematic-review/start-for-life-services-thematic-review>

[This thematic review of Start for Life services includes looking at how services are provided through the family hub model. We make recommendations to improve families' experiences of the services. This report highlights examples of good practice that were identified in the 6 local areas visited.]

UK food security index 2024.

Department for Environment, Food & Rural Affairs; 2024.

<https://www.gov.uk/government/publications/uk-food-security-index-2024>

[Data and analysis to support annual monitoring of food security in the UK. The UK Food Security Index (UKFSI) 2024 examines short term trends that change year on year which could have an impact on food security in the UK. The overall assessment of the trends includes reference to key government policies supporting food security.]

Report

Reverse the Trend: Reducing type 2 diabetes in young people.

Diabetes UK; 2024.

<https://diabetes-resources-production.s3.eu-west-1.amazonaws.com/resources-s3/public/2024-05/Reverse%20the%20Trend%20-%20Reducing%20type%20diabetes%20in%20young%20people.pdf>

[This report reveals a 40% rise in type 2 diabetes diagnoses in younger people between 2016-17 and 2022-23. There are now almost 168,000 people under 40 years in the UK who live with type 2 diabetes. This troubling and growing trend underlines how serious health conditions linked to obesity, caused by the environment we live in, are becoming more prevalent in a younger demographic.]

Commercial Determinants of Noncommunicable Diseases in the WHO European Region.

World Health Organization. Regional Office for Europe; 2024.

<https://iris.who.int/handle/10665/376957>

[This report highlights the substantial impact of commercial determinants on noncommunicable diseases (NCDs) in the WHO European Region. Nearly 7500 deaths per day in the Region are attributed to commercial determinants, such as tobacco, alcohol, processed food, fossil fuels and occupational practices. These commercial products and practices contribute to 25% of all deaths in the Region.]

A Neglected Generation: Reversing the decline in children's health.

The Food Foundation; 2024.

<https://foodfoundation.org.uk/publication/neglected-generation-reversing-decline-childrens-health>

[The report highlights the increase in obesity and type 2 diabetes driven by calorie dense diets, and the results of poor-quality diets and undernutrition, which are increasingly impacting on children and often paradoxically co-existing with obesity. The findings raise questions regarding the nutritional quality of food that children are eating, in addition to wider socio-economic forces that shape the conditions for the optimal growth and development of young children.]

An analysis of the relationship between deprivation and financial wellbeing.

Money and Pensions Service; 2024.

<https://maps.org.uk/en/publications/research/2024/deprivation-and-financial-wellbeing>

[This study examines the relationship between financial wellbeing and the deprivation of a local area. Understanding the impact of local areas can help local authorities, the third sector and other players in the financial wellbeing sector to design and target services more effectively.]

Core20PLUS Connectors Programme: Progress and Update Report.

NHS SCW; 2024.

<https://www.scwcsu.nhs.uk/priorities/health-inequalities/health-inequalities/core20plus-connectors-programme-progress-and-update-report>

[The Connectors programme funds Integrated Care Systems (ICSs) to recruit, mobilise and support influential community connectors to take practical action to improve health and reduce inequalities. The report highlights the value of co-design and partnerships ways of working that are embedded in the Connectors Programme along with the innovative and practical actions taken by the Connectors themselves by drawing on their experiences and narratives.]

England's widening health gap: local places falling behind.

Institute of Health Equity; 2024.

<https://www.instituteofhealthequity.org/resources-reports/englands-widening-health-gap-local-places-falling-behind>

[This report confirms widening inequalities in life expectancy between regions in England and within local

authorities since 2010. The report shows that since 2010, central government spending cuts to local authorities were highest in areas with lower life expectancy and more health inequalities, further harming health in these places.]

[Ethnic inequities in genomics and precision medicine review](#)

NHS Race and Health Observatory (RHO); 2024.

<https://www.nhsrho.org/wp-content/uploads/2024/06/RHO-Genomics-Report-June-2024.pdf>

[The review involved an examination of 70 policy and guidance documents between 2017 and 2022 – of these, only 50 included broad and limited ethnicity information linked to precision medicine and/or genomics. Genetic research is used to analyse, prevent and predict illness and disease. However, the report concludes there is poor ethnic representation in datasets and as a result, this limits analysis of how well genetic testing and personalised medicine is working across different ethnic groups.]

[How do the last five years measure up on levelling up?](#)

Institute for Fiscal Studies (IFS); 2024.

<https://ifs.org.uk/sites/default/files/2024-06/How-do-the-last-five-years-measure-on-levelling-up.pdf>

[In 2022, the government published a thorough and ambitious White Paper setting out 12 levelling up 'missions' to achieve by 2030, as well as specific metrics by which they would be measured. This report examines early progress towards those 12 missions, where possible using the headline metrics identified in the White Paper.]

[Poverty stigma: a glue that holds poverty in place.](#)

Joseph Rowntree Foundation; 2024.

<https://www.jrf.org.uk/stigma-power-and-poverty/poverty-stigma-a-glue-that-holds-poverty-in-place>

[Poverty stigma exacerbates shamefully high rates of poverty in the UK. It can affect health as much as trying to survive on a low income. How do we combat it?]

[Scale of the challenge: Obesity and the labour market.](#)

Institute for Public Policy Research; 2024.

https://ippr-org.files.svdcn.com/production/Downloads/Obesity_and_labour_market_May24.pdf

[The findings of this report suggest a correlation between obesity and economic inactivity, as well as obesity affecting the productivity and wellbeing of people who are in work. It is caused by working conditions, changes in the built environment, and our broken food system. Drawing from previous IPPR research, the main recommendation is based on developing a whole-society approach to tackling obesity.]

[The relationship between disability, long-term illness and financial wellbeing.](#)

Money and Pensions Service; 2024.

<https://maps.org.uk/en/publications/research/2024/disabilities-long-term-illness-and-financial-wellbeing>

[Previous research has shown that financial wellbeing is lower among people with disabilities or long term health conditions. This study examines how this varies for people with different types of disability or condition. It finds that financial wellbeing varies considerably between people with different types of disability.]



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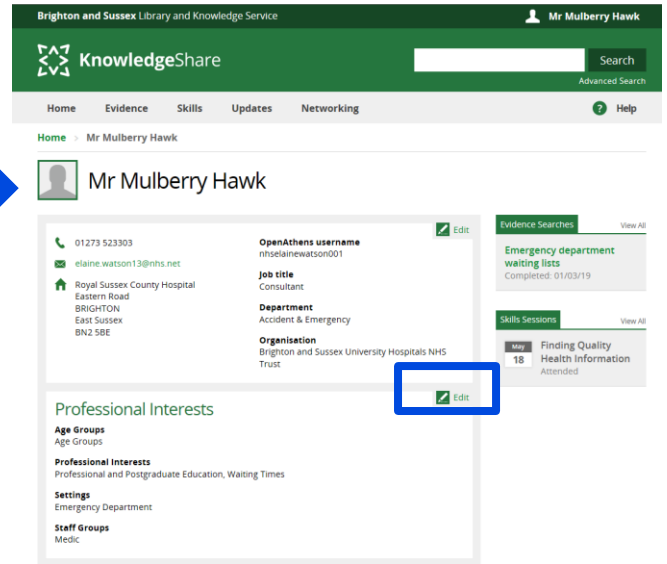
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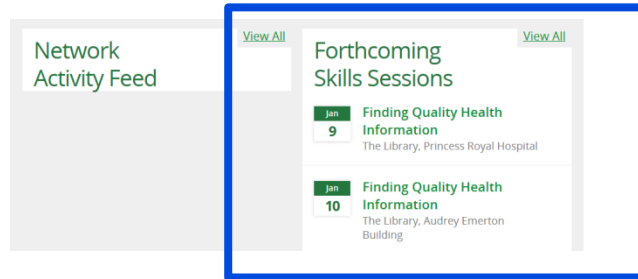
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