



NHS information support for evidence-based practice

Alert 124

Selected resources published in January/ February 2024

Content

Patient Experience and Safety.....	2	Service Design and Commissioning	7
Managing and Leading People	3	Quality Improvement and Innovation	8
Education and Professional Practice	4	Climate Change and Sustainability	10
Finance and Procurement.....	5	Public Health	10
Managing Data, Knowledge and Information.....	6		

Beyond the Average: Making Fairer Decisions for Public Health



Despite efforts to reduce health inequalities, people in the most affluent neighbourhoods in England can expect to live almost 12 healthy years longer than those in the most deprived. Research demonstrates substantial public support for reducing these gaps, but none of the standard economic tools used to inform spending decisions can quantify the impact of these decisions on health inequalities.

EQUIPOL researchers have developed a range of 'smart decision tools' to help decision-makers reduce this gap. These analytical tools expand measurement beyond averages and utilise the availability of large and complex datasets. These methods can identify which elements of

a population are most disadvantaged and can illustrate the trade-offs between cost-effectiveness and equity in the distribution of health benefits.

In this short [report](#), the authors seek to outline the potential of these tools within health and wider public services to inform provision of screening, vaccination, new medicines and investments in facilities, and argue that the existing methods utilised by agencies such as NICE are inadequate.

It concludes with three recommendations: **1.** All government agencies should ensure that national expenditure decisions are informed by analysis of their predicted impact on social inequality in health and wellbeing. **2.** HM Treasury, National and Local Government should accelerate the use of tools for modelling long-term impacts – especially in the context of childhood policy. **3.** UK Research and Innovation and the National Institute for Health Research should review UK research capacity for quantitative analysis of policy impact, with a view to strengthening research training, data collection, analysis and reporting.

Read here: [Beyond the Average: Making Fairer Decisions for Public Health \(University of York, 2024\)](#)

KNOWLEDGE SHARE Team

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Patient Experience and Safety

Guideline / Policy

[Inclusive digital healthcare: what you need to know](#)

NHS Confederation; 2024.

nhsconfed.org/publications/inclusive-digital-healthcare-what-you-need-know

[This briefing provides a summary and analysis of recent policy on inclusive digital health care. It highlights NHS England's recent framework on the importance of digital inclusion throughout the NHS and provides guidance on effective and inclusive health and social care services to help address disparities and discrimination faced by digitally excluded groups.]

Evidence-Based Summary

Identifying and mapping measures of medication safety during transfer of care in a digital era: a scoping literature review. [\[Abstract\]](#)

Leon C. *BMJ Quality & Safety* 2024;33(3):173-186.

[Check for full-text availability](#)

[The measures identified are insufficient for a comprehensive portfolio to assess safety of key medications during transfer of care. Further measures are required to reflect all components of transfers of care and capture the work system factors contributing to outcomes in order to support proactive intervention to reduce unwanted variation and prevent adverse outcomes. Advances in digital technology and its provide opportunities for the development of such measures.]

Key factors for effective implementation of healthcare workers support interventions after patient safety incidents in health organisations: a scoping review. [\[Abstract\]](#)

Guerra-Paiva S. *BMJ Open* 2023;13(12):e078118.

[Check for full-text availability](#)

[This study aims to map and frame the main factors present in support interventions successfully implemented in health organisations in order to provide timely and adequate response to healthcare workers (HCWs) after patient safety incidents (PSIs). HCWs' well-being depends on an adequate implementation of a complex group of interrelated factors to support them after PSIs.]

Report

[National learning report: Positive patient identification.](#)

Health Services Safety Investigations Body; 2024.

hssib.org.uk/patient-safety-investigations/positive-patient-identification/investigation-report/

[This report finds that the misidentification of patients remains a persistent safety risk across the NHS but is one that is under-recognised and under-researched. It draws together evidence from six completed Healthcare Safety Investigation Branch investigations and wider intelligence, such as the research literature and national policy documents. The aim of the report is to support national learning and influence national action to reduce the risk of patient misidentification.]

Systematic Review / Meta-Analysis

[Decision aids for people facing health treatment or screening decisions.](#) [\[Abstract\]](#)

Stacey D. *Cochrane Database of Systematic Reviews* 2024;1:CD001431.

[Check for full-text availability](#)

[This is an update of a Cochrane review first published in 2003 and last updated in 2017. Patient decision aids are interventions designed to support people making health decisions. The authors wanted to assess the effects of patient decision aids in adults considering treatment or screening decisions using an integrated knowledge translation approach.]

Why it is hard to use PROMs and PREMs in routine health and care. [\[Abstract\]](#)

Benson T. *BMJ Open Quality* 2023;12(4):e002516.

[Check for full-text availability](#)

[Patient-reported outcome measures (PROMs) and patient-reported experience measures (PREMs) show the results of healthcare activities as rated by patients and others. Patients or their proxies record feedback using questionnaires. These can enhance quality for all and tailored care for individuals. This paper describes obstacles that inhibit widespread use of PROMs and PREMs and some potential solutions.]

Obtain copies of journal articles via our online request forms:

[GEH form](#)

[SWFT form](#)

Managing and Leading People

Guideline / Policy

Carer-friendly workplaces: Guide for people professionals.

Chartered Institute of Personnel and Development (CIPD); 2023.

[cipd.org/en/knowledge/guides/carers-friendly-workplace/](https://www.cipd.org/en/knowledge/guides/carers-friendly-workplace/)

[This guide aims to support employers to develop a carer-friendly workplace by: discussing what is meant by a 'working carer' and providing examples of different carer experiences; considering the business, legal and moral reasons for carer-friendly workplaces; outlining five ways to create a supportive workplace.]

Changes to statutory paternity leave and pay regulations.

NHS Employers; 2024.

[nhsemployers.org/news/changes-statutory-paternity-leave-and-pay-regulations](https://www.nhsemployers.org/news/changes-statutory-paternity-leave-and-pay-regulations)

[Details of legislation changes to statutory paternity leave and pay regulations for England, Scotland and Wales.]

Long-term health conditions: How people professionals can support employees.

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

[cipd.org/en/knowledge/guides/support-long-term-health-conditions/](https://www.cipd.org/en/knowledge/guides/support-long-term-health-conditions/)

[This guide provides information on effectively managing an employee with a long-term health condition or illness. Employers should foster a compassionate culture and empower people to take steps to proactively manage their health.]

Neuroinclusion at work.

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

[cipd.org/en/knowledge/guides/neuroinclusion-work/](https://www.cipd.org/en/knowledge/guides/neuroinclusion-work/)

[This guide is for people professionals and leaders across functions who want to learn more about neurodiversity, the benefits of having a neuroinclusive and fair organisation, and how they can support neurodivergent people to be comfortable, confident and successful at work.]

Quick guide: Code of Practice for International Recruitment

NHS Employers; 2024.

[nhsemployers.org/publications/quick-guide-code-practice-international-recruitment](https://www.nhsemployers.org/publications/quick-guide-code-practice-international-recruitment)

[This resource is designed to quickly outline the Code of Practice for International Recruitment, highlight important definitions, list the countries the UK cannot currently actively target, and explain the guiding principles which should be followed when sourcing candidates from overseas.]

Right to work checks standard.

NHS Employers; 2024.

[nhsemployers.org/publications/right-work-checks-standard](https://www.nhsemployers.org/publications/right-work-checks-standard)

[This guide details the requirements for verifying an individual's right to work in the UK.]

Technology use in equality, diversity and inclusion.

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

[cipd.org/en/knowledge/guides/technology-use-equality-diversity-inclusion/](https://www.cipd.org/en/knowledge/guides/technology-use-equality-diversity-inclusion/)

[This guide outlines the benefits and risks of using technology and guiding principles to equip you with knowledge to advocate for EDI practices.]

Terminal illness: Guidance for people professionals.

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

[cipd.org/en/knowledge/guides/terminal-illness/](https://www.cipd.org/en/knowledge/guides/terminal-illness/)

[This guide provides practical strategies on how to create a supportive culture and people management framework for employees with a terminal diagnosis.]

Evidence-Based Summary

Staff Shortages.

The King's Fund; 2024.

[kingsfund.org.uk/insight-and-analysis/data-and-charts/staff-shortages](https://www.kingsfund.org.uk/insight-and-analysis/data-and-charts/staff-shortages)

[Given England's growing and ageing population, the NHS and social care sector need a lot of staff to deliver high-quality health care or social care at the required volume. But in both sectors there are staff shortages – a difference between the number of posts in the sector and the number of posts that are filled. This shortage in staff can be seen by looking at vacancy rates.]

Trust and psychological safety: An evidence review.

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

cipd.org/en/knowledge/evidence-reviews/trust-psychological-safety

[This evidence review summarises the body of research on trust and psychological safety. It examines their nature, why they are important, what drives them and how we can measure them.]

Professional Development

Core managers: developing inclusive workplaces programme.

NHS Employers; 2024.

nhsemployers.org/news/core-managers-developing-inclusive-workplaces-programme

[The NHS Leadership Academy has developed a range of free short courses covering different themes to help develop core inclusive leaderships skills.]

Report

Six simple ways to retain doctors in training in the health service: the ATDC REFORM principles.

Academy of Medical Royal Colleges; 2024.

aomrc.org.uk/wp-content/uploads/2024/02/ATDC_reform_010224.pdf

[The Academy Trainee Doctors' Committee (ATDC) represents trainees in postgraduate training. The ATDC's REFORM principles focus on six challenges experienced throughout training and the working environment in the health service, and across the devolved nations. Recognising their importance and taking active steps to address them will, the ATDC believes, improve the recruitment and retention of current and future doctors in training.]

Succession planning.

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

cipd.org/en/knowledge/factsheets/succession-planning-factsheet/

[Succession planning focuses on identifying and growing talent to fill leadership and business-critical positions in the future. This factsheet looks at approaches to succession planning as well as the type of organisations who use it, and how it's changed.]

Toolkit

Supporting your workforce through a crisis event.

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

cipd.org/en/knowledge/guides/crisis-events-support/

[The personal safety and wellbeing of employees will be paramount, but employers will also need to support and manage their workforce and their organisation through other important concerns. Our collated resources can help you think through the key considerations and provide guidance on recommended actions.]

Education and Professional Practice

Guideline / Policy

Student experience.

NHS Employers; 2024.

nhsemployers.org/articles/student-experience

[Explore what employers can do to better support their students on placement.]

Original Research

Developing a competency framework for integrated care working across healthcare, social care and allied professions

Lewis R et al. *British Journal of Healthcare Management* 2024;30(1):25-36.

Professional Development

Developing researchers and engaging communities in health and social care in Kent, Surrey and Sussex.

[Professor Harm Van Marwijk, BSMS and Primary and Community Health Services lead for ARC KSS, will present insights into the importance of applied research in terms of goals, opportunities and challenges for rural and coastal communities. Key to successful applied research is inclusivity and community engagement which will be presented from the perspective of the voluntary, community and social enterprise sector.]

University of Sussex campus, Falmer, Brighton BN1 9SN. Jubilee Building, Ground Floor, Room G22

Date: 14th May, 2024, 10:00am- 4:00pm <http://tinyurl.com/5xrdrj8>

Systematic Review / Meta-Analysis

[Reflecting on gamified learning in medical education: a systematic literature review grounded in the Structure of Observed Learning Outcomes \(SOLO\) taxonomy 2012-2022.](#) [Abstract]

Huang WD. *BMC Medical Education* 2024;24(1):20.

[Check for full-text availability](#)

[The acquisition of in-depth medical knowledge, skills, and competencies is of utmost importance when training future medical professionals. This systematic literature review delves into the empirical connection between gamified learning in medical education and the Structure of Observed Learning Outcomes (SOLO) taxonomy..]

[The impact of moulage on learners' experience in simulation-based education and training: systematic review.](#) [Abstract]

DCosta S. *BMC Medical Education* 2024;24(1):6.

[Check for full-text availability](#)

[Moulage is a technique used to simulate injury, disease, aging and other physical characteristics specific to a scenario, often used in health and emergency worker training, predominantly for simulation-based learning activities. Its use in allied health fields is unclear. Previous work has explored moulage as an adjunct for authentic simulations, however there is opportunity for broadening its scope.]

[The impact of train-the-trainer programs on the continued professional development of nurses: a systematic review.](#) [Abstract]

Nexø MA. *BMC Medical Education* 2024;24(1):30.

[Check for full-text availability](#)

[Train-the-trainer (TTT) programs are widely applied to disseminate knowledge within healthcare systems, but evidence of the effectiveness of this educational model remains unclear. We systematically reviewed studies evaluating the impact of train-the-trainer models on the learning outcomes of nurses.]

[What are the learning objectives in surgical training - a systematic literature review of the surgical competence framework.](#) [Abstract]

Pakkasjärvi N. *BMC Medical Education* 2024;24(1):119.

[Check for full-text availability](#)

[this review aimed to map the landscape of contemporary surgical education through a competence framework by conducting a systematic literature review on learning outcomes of surgical education and the instructional methods applied to attain the outcomes. Surgical education has seen a paradigm shift towards competence-based training. However, a gap remains in the literature regarding the specific components of competency taught and the instructional methods employed to achieve these outcomes.]

Finance and Procurement

Guideline / Policy

[Public health grants to local authorities: 2024 to 2025.](#)

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

gov.uk/government/publications/public-health-grants-to-local-authorities-2024-to-2025

[The public health allocations and monetary conditions for local authorities to improve health in local populations.]

Evidence-Based Summary

[Capital investment in the NHS.](#)

The King's Fund; 2024.

kingsfund.org.uk/insight-and-analysis/data-and-charts/nhs-capital-investment

[The Department of Health and Social Care's capital budget is used for research and development, and for long-term investments in building and maintaining NHS land, facilities and equipment such as MRI or CT scanners. Capital investment accounts for a small share of total health spending (slightly more than 5% in 2022/23) but is essential to delivering high-quality care using facilities and equipment that are up to date and in good condition.]

Original Research

[NHS Supply Chain and efficiencies in procurement.](#)

Office of National Statistics (ONS); 2024.

nao.org.uk/wp-content/uploads/2024/01/nhs-supply-chain-and-efficiencies-in-procurement-report.pdf

Report

[Introduction to the NHS payment scheme.](#)

Healthcare Financial Management Association (HFMA); 2024.

hfma.org.uk/system/files/2024-02/introduction-to-the-nhs-payment-scheme-6960.pdf

[This briefing focuses on the commissioning of secondary and tertiary health care from NHS providers by integrated care boards and NHS England. The briefing is aimed at finance staff in all sectors who may not be directly involved in the contracting and commissioning of services, or who have recently moved into roles in this field. It may also be of interest to non-finance staff supporting the strategic design of services and pathways in their organisations and wider integrated care systems.]

[Using financial incentives to tackle health inequalities.](#)

Healthcare Financial Management Association (HFMA); 2024.

hfma.org.uk/system/files/2024-01/Using%20financial%20incentives%20to%20tackle%20health%20inequalities.pdf

[Finance staff have a key role in ensuring that financial incentives are designed effectively and form part of a wider financial strategy to reduce health inequalities. This briefing summarises the financial incentives that are already built in at a national level, and looks at opportunities for individual systems to use financial incentives at a local level. The briefing is published alongside a case study on Bolton Clinical Commissioning Group.]

Managing Data, Knowledge and Information

Evidence-based Summary

[Exploring the diverse definitions of 'evidence': a scoping review. \[Abstract\]](#)

Yu X. *BMJ Evidence-Based Medicine* 2024;29(1):37-43.

[Check for full-text availability](#)

Report

[Rapid reviews methods series: Guidance on assessing the certainty of evidence. \[Abstract\]](#)

Gartlehner G. *BMJ Evidence-Based Medicine* 2024;29(1):50-54.

[Check for full-text availability](#)

[This paper is part of a series of methodological guidance from the Cochrane Rapid Reviews Methods Group. Rapid reviews (RRs) use modified systematic review methods to accelerate the review process while maintaining systematic, transparent and reproducible methods. This paper addresses considerations for rating the certainty of evidence (COE) in RRs.]

[Rapid Reviews Methods Series: Involving patient and public partners, healthcare providers and policymakers as knowledge users. \[Abstract\]](#)

Garrity C. *BMJ Evidence-Based Medicine* 2024;29(1):55-61.

[Check for full-text availability](#)

[This paper discusses the importance of involving KUs in RRs, including patient and public involvement to ensure RRs are fit for purpose and relevant for decision-making. Opportunities to involve KUs in planning, conduct and knowledge translation of RRs are outlined. Opportunities to involve KUs in planning, conduct and knowledge translation of RRs are outlined.]

[Tech Horizons Report 2024.](#)

Information Commissioner's Office; 2024.

ico.org.uk/about-the-ico/research-reports-impact-and-evaluation/research-and-reports/technology-and-innovation/tech-horizons-report/

[The ICO's first annual Tech horizons report, published in 2022, highlighted the implications of four of the most significant technological developments for privacy in the next two to five years. In light of continuing rapid technological advancement, this second edition considers a further eight technologies it believes may have a particularly significant impact on our societies, economies and information rights in the next two to seven years.]

Systematic Review / Meta-Analysis

[Healthcare outcomes assessed with observational study designs compared with those assessed in randomized trials: a meta-epidemiological study. \[Abstract\]](#)

Toews I. *Cochrane Database of Systematic Reviews* 2024;1:MR000034.

[Check for full-text availability](#)

[Randomised controlled trials (RCTs) are a type of healthcare experiment where participants are allocated at random to one of two (or more) treatment groups. Observational studies try to measure the effectiveness of an

intervention in non-experimental, 'real world' scenarios. Sometimes, the results of RCTs and observational studies addressing the same question may have different results. These types of study differ in how they are conducted and their susceptibility to systematic error.]

Toolkit

Managing false information in health emergencies: an operational toolkit.

World Health Organization (WHO); 2024.

[who.int/europe/publications/i/item/WHO-EURO-2024-8271-48043-71198](https://www.who.int/europe/publications/i/item/WHO-EURO-2024-8271-48043-71198)

[The proposed toolkit provides procedures for the detection and handling of false information (misinformation, disinformation and malinformation) following a five-step process involving signal detection, verification, risk assessment, response design and outreach. A valuable resource for authorities and other stakeholders, this toolkit helps facilitate active infodemic management, promoting accurate information dissemination and informed public health decisions.]

Service Design and Commissioning

Guideline / Policy

Capsticks guidance on new service change 'call in' powers.

NHS Employers; 2024.

capsticks.com/insights/new-call-in-and-scrutiny-powers-for-nhs-service-changes

[Read this explainer from our legal partner Capsticks, which outlines the new 'call in' power introduced from 31 January that allows the Secretary of State to intervene in NHS service changes at any stage.]

Primary care provider collaboratives: what you need to know.

NHS Confederation; 2023.

nhsconfed.org/publications/primary-care-provider-collaboratives-what-you-need-know

[In response to the changing health and care system, primary care providers are coming together within systems to form collaboratives. These collaboratives are supporting integrated care systems' strategic objectives and creating a much-needed voice for primary care at system level.]

Transition from children's to adults' services [Updated]

National Institute for Health and Care Excellence (NICE); 2023.

nice.org.uk/guidance/qs140

[Updated: See Quality statements 2, 5 and 6 [Quality standard QS140. Last updated: 14 December 2023]]

Evidence-Based Summary

Health hubs: A community-centred prevention initiative to address health inequalities.

NHS Providers; 2024.

nhsproviders.org/health-hubs-a-community-centred-prevention-initiative-to-address-health-inequalities

[Prevention is a crucial part of the NHS's approach to improving population health and tackling health inequalities. One community-centred prevention initiative to address health inequalities is the creation of health hubs. This long read explores what health hubs are, how they can improve access for groups facing health inequalities, their broader social and economic benefits, and the role of trust leaders in their development.]

Report

Better Care Fund Support Programme: Scoping diagnostic support - insight and learning report.

Local Government Association (LGA); 2024.

local.gov.uk/publications/better-care-fund-support-programme-scoping-diagnostic-support-insight-and-learning

[This report sets out key themes drawn from insights gathered through the Better Care Fund (BCF) Support Programme Scoping Diagnostic work with several local systems in spring and summer of 2023. These diagnostics are a structured, joined up conversation with senior leaders, in a health and social care system, led and managed by a senior expert.]

Boosting referrals into urgent community response services to benefit patients.

NHS Confederation; 2023.

nhsconfed.org/publications/boosting-referrals-urgent-community-response-services-benefit-patients

[This briefing from the Community Network, hosted by the NHS Confederation and NHS Providers, explores what can be done to increase further the number of patients who benefit from urgent community response services, including through boosting referrals from key system partners.]

CDCs unveiled: challenges and triumphs – an inquiry into community diagnostic centres.

all-party Parliamentary Group for Diagnostics; 2024.

rcpath.org/static/c131184d-fc49-4b75-837303c677817071/APPG-for-DiagnosticsCDC-Report-Jan-2024.pdf

[This report finds that NHS England and the government have made progress in delivering the community diagnostic centre (CDC) programme, approving 174 CDC sites and opening one in each integrated care system (ICS). However, concerns persist about unequal geographic distribution and funding constraints for future expansion. Analysis of CDC activity reveals a slow pace, with only around 5 million tests conducted since July 2021 against a target of 17 million by 2025.]

Discharge from mental health care: making it safe and patient-centred

Parliamentary and Health Service Ombudsman; 2024.

ombudsman.org.uk/publications/discharge-mental-health-care-making-it-safe-and-patient-centred

[Report finds patients with mental health conditions are being put at risk when they leave hospital care. It makes five recommendations about how good discharge should be carried out, including introduction of the mental health bill to parliament as a priority.]

Inclusive digital health care: what you need to know.

NHS Confederation; 2024.

nhsconfed.org/publications/inclusive-digital-healthcare-what-you-need-know

[This briefing provides a summary and analysis of recent policy on inclusive digital health care.]

Integrated care systems and the health needs of babies, children and young people.

National Children's Bureau (NCB); 2024.

ncb.org.uk/sites/default/files/uploads/attachments/HPIG%20ICS%20report%20-%2031.01.2024.pdf

[This report finds inconsistency in addressing the needs of babies, children and young people in local health plans and highlights the need for stronger guidance from national government.]

Provider collaboratives building capacity: Community diagnostic centres.

NHS Providers; 2024.

nhsproviders.org/provider-collaboratives-building-capacity-community-diagnostic-centres

[Our new series, Provider collaboratives building capacity, will examine how collaboration between providers is enabling delivery on major health system priorities. The first instalment in this series highlights the role provider collaboration is playing in building diagnostic capacity through the development of community diagnostic centres (CDCs).]

What do virtual wards look like in England?

The Health Foundation; 2024.

health.org.uk/sites/default/files/upload/publications/2024/What%20do%20virtual%20wards%20look%20like%20in%20England.pdf

[This working paper analyses aggregate national data on virtual wards to describe what virtual wards currently look like across England and discuss the effects of virtual wards on patients, staff and hospital capacity, as well as the gaps in the evidence.]

Systematic Review / Meta-Analysis

Developing a quality framework for community pharmacy: a systematic review of international literature.

[\[Abstract\]](#)

Hindi AMK. *BMJ Open* 2024;14(2):e079820.

[Check for full-text availability](#)

[The emerging framework could be used to measure and improve the quality of CP services. Further research and feasibility testing are needed to validate the framework according to the local healthcare context.]

Quality Improvement and Innovation

Guideline / Policy

Ethics and governance of artificial intelligence for health: guidance on large multi-modal models

WHO; 2024.

who.int/news/item/18-01-2024-who-releases-ai-ethics-and-governance-guidance-for-large-multi-modal-models

[This document provides guidance on the ethics and governance of large multi-modal models (LMMs) – a type of fast growing generative artificial intelligence (AI) technology with applications across health care, e.g. ChatGPT. The guidance outlines over 40 recommendations for consideration by governments, technology companies, and health care providers to ensure the appropriate use of LMMs to promote and protect the health of populations.]

Evidence-Based Summary

Approaches to Spread, Scale-Up, and Sustainability.

THIS Institute; 2024.

cambridge.org/core/elements/approaches-to-spread-scaleup-and-sustainability/B2A69BE3D579E3BDB5922340CE23D617

[Few interventions that succeed in improving healthcare locally end up becoming spread and sustained more widely. This indicates that we need to think differently about spreading improvements in practice. Drawing on a focused review of academic and grey literature, the authors outline how spread, scale-up, and sustainability have been defined and operationalised, highlighting areas of ambiguity and contention.]

Decision-maker roles in healthcare quality improvement projects: a scoping review. [\[Abstract\]](#)

Gagnon J. *BMJ Open Quality* 2024;13(1):e002522.

[Check for full-text availability](#)

[Existing literature underscores the crucial role of decision-makers in the success of healthcare quality improvement (QI) projects; however, literature detailing their engagement and contributions is scant. This scoping review provides a comprehensive examination of QI projects involving decision-makers, highlighting their diverse roles and the specific advantages and challenges associated with their involvement.]

Gen-AI: Artificial Intelligence and the Future of Work.

International Monetary Fund (IMF); 2024.

imf.org/en/Publications/Staff-Discussion-Notes/Issues/2024/01/14/Gen-AI-Artificial-Intelligence-and-the-Future-of-Work-542379

[In this evolving landscape, advanced economies and more developed emerging markets need to focus on upgrading regulatory frameworks and supporting labor reallocation, while safeguarding those adversely affected. Emerging market and developing economies should prioritize developing digital infrastructure and digital skills.]

Report

Report: Patient Perspectives on Digital Access to Primary Care.

Health Innovation Network South London; 2024.

healthinnovationnetwork.com/resources/report-patient-perspectives-on-digital-access-to-primary-care/

[During 2023, the Digital First programme commissioned the Health Innovation Network South London to undertake a patient perspectives project. This project aimed to understand patient awareness and experiences of using digital tools to access primary care in London and how these tools have helped to support healthcare needs. The most used digital tool was the NHS App, which had been used by 87% of people who completed the survey.]

The rise of the machines: AI, digital and data in health care

Healthcare Leader; 2024.

healthcareleadernews.com/reports/the-rise-of-the-machines-ai-digital-and-data-in-healthcare/the-rise-of-the-machines-ai-digital-and-data-in-healthcare/

[This report looks at how artificial intelligence (AI) will impact health care: "It's clear that greater understanding and communication around the role of AI will help those decision makers in healthcare lead the charge in using this tool to its full potential and this report hopefully serves as a starting point to understanding the issues in this specific context."]

Systematic Review / Meta-Analysis

Factors influencing clinician and patient interaction with machine learning-based risk prediction models: a systematic review.

Giddings R. *The Lancet Digital Health* 2024;6(2):E131-E144.

[Overall, perceptions of ML risk prediction models were positive. HCPs and patients considered that models have the potential to add benefit in the health-care setting. However, reservations remain; for example, concerns regarding data quality for model development and fears of unintended consequences following ML model use.]

Virtual, augmented, mixed, and extended reality interventions in healthcare: a systematic review of health economic evaluations and cost-effectiveness.

Gómez Bergin AD. *BMC Digital Health* 2023;1:53.

[Extended reality in healthcare has the potential to offer significant clinical benefits and research has shown it to be promising at delivering cost-savings. We make recommendations based on the findings of our review for future health economic analyses to help ensure that health economic analyses can support decision-makers in procuring these technologies.]

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Climate Change and Sustainability

Evidence-Based Summary

[A green evidence base to drive environmentally sustainable practice.](#)

Alexander Robertson. *Emergency Medicine Journal* : EMJ 2024;41(2):68 .

[Describes initiatives by the Royal College of Emergency Medicine to develop environmentally sustainable practice]

[How environmental impact is considered in economic evaluations of critical care: a scoping review.](#)

Alayna Carrandi. *Intensive Care Medicine* 2024;;10.1007/s00134-023-07274-7.

[Health economic evaluations of critical care have not yet incorporated environmental impact into their assessments, and few life cycle assessments exist that are specific to critical care therapies and treatments. Guidelines and standardisation regarding environmental data collection and reporting i ...[Abstract continues]]

Original Research

[Are we ready for "green surgery" to promote environmental sustainability in the operating room? Results from the WSES STAR investigation.](#)

Francesca Dal Mas. *World Journal of Emergency Surgery* : WJES 2024;19(1):5 .

[How We Do It: Reducing the Climate Impact of Critical Care.](#)

Rabin AS. *Chest Critical Care* 2023;;100037.

[Managing food waste in the inpatient population.](#) [\[Abstract\]](#)

Jonathan A. *BMJ Open Quality* 2023;12(4):e002436.

[Check for full-text availability](#)

[Shifting Gears to Green: A Pilot Study on Decarbonizing Patient Transport.](#)

Smolen KA. *Journal of Climate Change and Health* 2023;;100297.

[Towards environmentally sustainable management: A review on the generation, degradation, and recycling of polypropylene face mask waste.](#)

Linxiang Lyu. *Journal of Hazardous Materials* 2024;461:-.

Professional Development

[Net Zero Leadership Training for Boards](#)

Centre for Sustainable Healthcare; 2024.

sustainablehealthcare.org.uk/net-zero-board-level-training

[This interactive workshop, designed for groups of board-level leads and tailored to local requirements, focuses on the expectations for their role in the NHS Net Zero Plan, the unique characteristics of leadership for sustainability, and what they can do to inspire, lead and measure change. *Please note this is a paid-for event. You should check your local training offer and funding arrangements before booking*]

Report

[Quantifying the Impact of Climate Change on Human Health.](#)

World Economic Forum; 2024.

www3.weforum.org/docs/WEF_Quantifying_the_Impact_of_Climate_Change_on_Human_Health_2024.pdf

[The findings of the analysis showed that by 2050, climate change is likely to cause an additional 14.5 million deaths and \$12.5 trillion in economic losses worldwide. Climate-induced impacts will account for a further \$1.1 trillion in extra costs to healthcare systems, creating a significant additional burden on already strained infrastructures and medical and human resources.]

Public Health

Evidence-Based Summary

[Cancer risk factors and access to cancer prevention services for people experiencing homelessness.](#)

Jeleff M. *The Lancet Public Health* 2024;9(2):e128-e146.

[The results show the importance of interventions to facilitate cancer prevention services through social support and low-threshold interventions (eg, navigation programmes), and training health-care staff in creating supportive

and trusting environments that increase the likelihood of the continuity of care among people experiencing homelessness.]

From analysis to action: climate change litigation: a guide for public health professionals

Faculty of Public Health (FPH); 2024.

fph.org.uk/media/igkftmug/climate-litigation-report.pdf

[This is intended to introduce public health professionals to the concept of climate change litigation and explain how their expertise can contribute to making a legal case against private sector polluters or intransigent governments. Its content draws on suggestions made by World Federation of Public Health Associations (WFPHA) member organizations and public health experts.]

Interventions to promote the health and well-being of children under 5s experiencing homelessness in high-income countries: a scoping review. [Abstract]

Tu Y. *BMJ Open* 2024;14(1):e076492.

[Check for full-text availability](#)

[This review highlights effective interventions for promoting the health and well-being of children under 5 experiencing homelessness, including educational sessions and home visits. Research has supported the importance of home visiting to be instrumental in breaking down language, cultural and health literacy barriers.]

Overdose Prevention Centres, Safe Consumption Sites, and Drug Consumption Rooms: A Rapid Evidence Review.

Drug Science; 2023.

drugscience.org.uk/wp-content/uploads/2024/01/Overdose-Prevention-Centres-Safe-Consumption-Sites-and-Drug-Consumption-Rooms-A-Rapid-Evidence-Review.pdf

[This rapid review on overdose prevention centres (OPCs) aims to collate and summarise existing evidence. It describes the impact of OPCs on individuals who use drugs, communities, and public health.]

Report

Beyond the Average: Making Fairer Decisions for Public Health.

University of York; 2023.

york.ac.uk/media/healthsciences/documents/Beyond-the-average-making-fairer-decisions-for-public-health.pdf

[Researchers have developed a series of 'smart decision tools' to help governments reduce social inequality in health and wellbeing. This report outlines the potential for the use of these tools across the NHS and other public services, helping to reduce health inequality by modifying decisions about screening and vaccination and investments in facilities as well as new medicines.]

Health Inequalities, Lives Cut Short.

UCL Institute of Health Equity; 2024.

instituteofhealthequity.org/resources-reports/health-inequalities-lives-cut-short

[This report confirms that a million people in 90% of areas in England lived shorter lives than they should have between 2011 and the start of the pandemic. The findings add weight to its two Marmot reviews of health inequalities in 2020, that the cumulative impact of regressive funding cuts associated with austerity contributed to life expectancy failing to increase and health inequalities widening.]

Healthy places, prosperous lives.

Institute for Public Policy and Research (IPPR) Commission on Health and Prosperity; 2024.

ippr.org/articles/healthy-places-prosperous-lives

[The UK is getting poorer and sicker and this trend is not equal across the country. This new framework is based on seven foundations for seven healthy life years. Each foundation identifies examples of transformative place-level interventions, either in the UK or internationally, which are already making a difference. We also recommend the creation of Health and Prosperity Improvement Zones (HAPI) targeted at places where need is highest.]

Landfill sites: impact on health from emissions [Updated]

UK Health Security Agency (UKHSA); 2024.

gov.uk/government/publications/landfill-sites-impact-on-health-from-emissions

[This report concludes that a well-run active site should not pose a health risk, but could still have an impact on mental and physical health.]

Maternal mortality 2020-2022.

MBRRACE-UK; 2024.

npeu.ox.ac.uk/mbrance-uk/data-brief/maternal-mortality-2020-2022

[There is an almost three-fold difference in maternal mortality rates amongst women from Black ethnic

All NICE guidance is available from the web site: nice.org.uk

NICE support and resources to maximise use: nice.org.uk/about/what-we-do/into-practice

mortality rate amongst White women. There is an almost two-fold difference amongst women from Asian ethnic backgrounds compared to White women. Women living in the most deprived areas have a maternal mortality rate more than twice as high as women living in the least deprived areas.]

Red Alert: Developing a Human-centred National Heat Resilience Strategy.

The Physiological Society; 2023.

static.physoc.org/app/uploads/2023/11/19212609/Heat-Resilience-Strategy-report.pdf

[The UK urgently needs to develop a human-centred Heat Resilience Strategy that coordinates UK and devolved governments, local authorities, the NHS, research funders and employers to improve resilience in response to higher temperatures. This Strategy must engage with individuals and communities across the country.]

The Health of the Next Generation: Good Food For Children.

Faculty of Public Health (FPH); 2024.

fph.org.uk/media/zehhk0dg/good-food-for-children-full-report.pdf

[The Faculty of Public Health has led a coalition of health organisations and charities in publishing this report. It calls on the government to protect the health and productivity of our next generation by expanding access to the Free School Meal programme, National School Breakfast programme, and the Healthy Start voucher scheme.]

Understanding differences in infant mortality rates across local areas.

Nuffield Trust; 2024.

nuffieldtrust.org.uk/research/understanding-differences-in-infant-mortality-rates-across-local-areas

[Improvements in infant mortality rates in England have stalled since 2014, but understanding these trends and the environmental factors involved remains limited. The health of children is determined by more than health care – so understanding the broader determinants of infant mortality is crucial to reducing it. This Nuffield Trust analysis applies a novel methodology to assess how local authority characteristics were associated with different rates of infant mortality in England in 2017.]

Systematic Review / Meta-Analysis

Education, incentive, and engineering-based interventions to promote the use of seat belts. [Abstract]

Lourens A. *Cochrane Database of Systematic Reviews* 2024;1:CD011218.

[Check for full-text availability](#)

[Since the 1950s, seat belts have been fitted to most vehicles, and today around 90% of high-income countries have seat belt legislation that makes it mandatory for some, if not all, vehicle occupants to wear seat belts. However, passing of laws is not sufficient to ensure seat belt use, and other interventions have been developed to encourage voluntary behaviour change.]

Electronic cigarettes for smoking cessation. [Abstract]

Lindson N. *Cochrane Database of Systematic Reviews* 2024;1:CD010216.

[Check for full-text availability](#)

[People who smoke, healthcare providers and regulators want to know if ECs can help people quit smoking, and if they are safe to use for this purpose. The authors found that there is high-certainty evidence that ECs with nicotine increase quit rates compared to NRT and moderate-certainty evidence that they increase quit rates compared to ECs without nicotine.]

Factors influencing implementation and sustainability of interventions to improve oral health and related health behaviours in adults experiencing severe and multiple disadvantage: a mixed-methods systematic review. [Abstract]

John DA. *BMJ Open* 2024;14(1):e080160.

[Check for full-text availability](#)

[This review provides some evidence that trust, adequate resources and motivation levels are potentially important in implementing interventions to improve oral health and substance use among SMD groups. Further research is needed from high quality studies and focusing on diet in this population.]

Robust implementation of School Food Policy is needed to improve nutritional outcomes of children in European and Western Pacific countries: A Systematic Review.

Matela H. *Nutrition* 2024;:9.

[[Pre-proof.] The evidence from the systematic review indicated low compliance in European and the Western-Pacific regions. Despite the low compliance, modest improvements in the school food environment, intake of selected nutrients and reduction of HFSS food consumption were observed. Also, policy compliance improved with supportive interventions and could improve the nutritional outcomes of children.]

Short-term Exposure to Air Pollution and Ischemic Stroke: A Systematic Review and Meta-analysis.

[Abstract]

Toubasi A. *Neurology* 2023;101(19):e1922-e1932.

[Check for full-text availability](#)

[There is a strong and significant correlation between gaseous and particulate air pollutants and the occurrence and mortality rates of stroke. This close temporal association underscores the importance of implementing global initiatives to develop policies aimed at reducing air pollution. By doing so, alleviate the burden of ischemic stroke and its consequences.]

[The impact of social media interventions on adult influenza vaccination: a systematic review.](#)

Mujong D. *Practice Nursing* 2024;35(1):8-17.

[This review aims to look at whether social media interventions can improve 'flu vaccine knowledge, intention to vaccinate and increase vaccine uptake. We conducted a rapid systematic review of controlled intervention and observational studies that used existing social networks on commercial platforms, such as Facebook and Twitter.]



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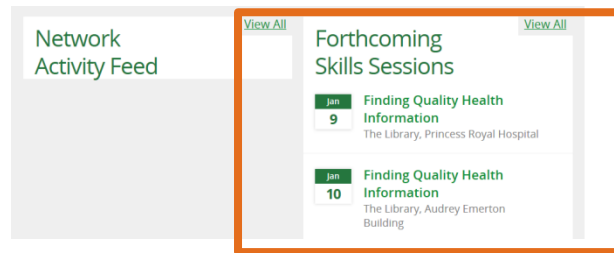
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