

Current Awareness Bulletin: Realistic Medicine

Issue 14

This current awareness bulletin compiles recently published evidence relevant to the core principles of Realistic Medicine. It is produced on a quarterly basis by a team of NHS Scotland Librarians.

The search strategy and sources included are based on our understanding of Realistic Medicine and may not be exhaustive or complete. Please also be aware that the sources listed have not been critically appraised and therefore may be variable in quality.

You can use the contents list below to jump to the sections of this bulletin which are of most interest to you and if you would like more specific literature for your subject area, please [reach out to your local NHSS library service](#).

We value your feedback. Please [fill out our feedback form](#) or contact one of the co-authors listed at the end of this document with any comments or suggestions.

Contents

Outcomes that matter to people	2
Optimising use of health and care resources.....	3
Contributing to a more sustainable health and care system	5
Contact us	7
End of document.....	8

Outcomes that matter to people

This section contains literature on Shared Decision Making and Personalised Approach to Care.

- 1) Akram, J., et al. (2026) '[Standardising Written Informed Consent Forms to Improve Patient Care: A Quality Improvement Project.](#)' *BMJ Open Quality* 15(2).
- 2) Amirkhani-Ardeh, S., et al. (2026) '[Technology and Inpatient Care: Addressing Communication Barriers and Social Isolation.](#)' *Journal of Patient Experience* 13.
- 3) Azad, C. L., et al. (2026) '[Refining a Multimedia Patient-Reported Outcomes Measure for Patients with Low Literacy.](#)' *Journal of Patient-Reported Outcomes* 10(1).
- 4) Barzen Coors, M., et al. (2026) '[Clinical and Cost-Effectiveness of Shared Decision Making: Evidence from a Prospective Multicenter Study Evaluating a Hospital-Based Intervention in Germany.](#)' *Medical Decision Making* 46(6).
- 5) Borge, C. R., et al. (2026) '[Health Literacy Research in Primary Healthcare Services – A Scoping Review.](#)' *Patient Education and Counseling* 149.
- 6) Butterworth, J. E., et al. (2026) '[Shared Decision-Making in General Practice: Development of a Complex Health Care Intervention Targeting Multiple Long-Term Conditions.](#)' *Patient Education and Counseling* 149.
- 7) Dorr, D. A., and Quiñones, A. R. (2026) '[Introduction to the Special Collection: Person-Centered Care Planning for Persons with Multiple Chronic Conditions.](#)' *Learning Health Systems* 10(4).
- 8) Kruger Howard, A., et al. (2026) '[Toolkit Development for Plain-Language Communication in Team-Based Care.](#)' *Health Literacy Research and Practice* 10(3).
- 9) Lazareth, H., et al. (2026) '[When Patients’ Feelings during their Hospital Stay Affect their Level of Experience and Satisfaction with Quality of Care.](#)' *Joint Commission Journal on Quality and Patient Safety* 52(7).
- 10) Marie, B. C., et al. (2026) '[Clinical and Cost-Effectiveness of Shared Decision Making: Evidence from a Prospective Multicenter Study Evaluating a Hospital-Based Intervention in Germany.](#)' *Med Decis Making* 46(6).
- 11) Montori, V., et al. (2026) '[The Burden of Shared Decision-Making: A Scoping Review of Burden Assessments in SDM Research.](#)' *Patient Education and Counseling* 147.

- 12) Orellana-Villazon, V., et al. (2026) '[Competencies for Pediatric Shared Decision Making: A Delphi Consensus Study.](#)' *Medical Decision Making* 46(6).
- 13) Pal, A., et al. (2026) '[Plain-Language Resource \(PLR\) Development and Patient Health Literacy: Do the Current Recommendations Address the Need?](#)' *Patient Education and Counseling* 149.
- 14) Peters, S. T., et al. (2026) '[Factors Associated with Response to Patient-Reported Outcome Measures: A Systematic Review of Systematic and Scoping Reviews, and Meta-Analyses.](#)' *Quality of Life Research* 35(8).
- 15) Prisciandaro, E., et al. (2026) '[Listening to Patients After Surgery: Are ePRO Alerts the Missing Link?](#)' *Quality of Life Research* 35(7).
- 16) Ryu, H., et al. (2026) '[Evaluation of Patient Experience in Inpatient Rehabilitation Setting: An Australian Perspective.](#)' *Journal of Patient Experience* 13.
- 17) Steeves, L., et al. (2026) '[Engaging Patients Throughout the Continuum of Implementation Science and Practice: Adapted Evidence Mapping Review and Practical Guide for Clinicians and Researchers.](#)' *Health Research Policy and Systems* 24(1).
- 18) Stephanie, A. R., et al. (2026) '[Same Goal, Different Perspectives: Stakeholder Views on Context for Connected Care Technology Implementation in an Integrated Healthcare System.](#)' *J Telemed Telecare* 32(6).
- 19) Stults, C. D., et al. (2026) '[Impact of a Physician Communication Development Program on Patient Experience Scores.](#)' *Journal of Patient Experience* 13.
- 20) Yen, R. W., et al. (2026) '[Measuring the use of Spoken Plain Language by Clinicians in Healthcare Encounters: A Scoping Review.](#)' *Patient Education and Counseling* 147.

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Optimising use of health and care resources

This section contains literature on Reducing Harm and Waste and Reducing Unwarranted Variation.

- 1) Alshurman, A., et al. (2026) '[Factors Associated with Nurses' Intention to Report Medical and Care Errors: A Systematic Review.](#)' *Journal of Patient Safety* 22(4).

- 2) Barrow, S., et al. (2026) 'Elective Orthopaedic Surgery Cancellations: Insights into Avoidable and Unavoidable Causes, Consequences, and Solutions.' *International Journal for Quality in Health Care* 38(2).
- 3) Burra, T. A., et al. (2026) 'Equity in Action: A Scoping Review and Meta-Framework for Embedding Equity in Quality Improvement.' *BMJ Quality & Safety*, 35(9).
- 4) Hamadi, H. Y., et al. (2026) 'Social Determinants of Health and Patient Experiences during Transitions from Inpatient Rehabilitation to Home.' *Journal of Patient Experience* 13.
- 5) Kim, B., and Yoon, J. Y. (2026) 'The Impact of Health Literacy on Health-Related Quality of Life among Individuals with Physical Disabilities: A Path Analysis Based on the Integrated Model of Health Literacy.' *Quality of Life Research* 35(7).
- 6) Kneifati-Hayek, J., et al. (2026) 'Wrong-Side Imaging Orders: Automated Detection using Electronic Health Record Data – a Retrospective Cohort Study.' *BMJ Open Quality* 15(2).
- 7) Marcus, R. L., et al. (2026) 'Availability and Quality of Electronic Health Record Data to Track Physical Function Across a Care Transition.' *Learning Health Systems* 10(4).
- 8) McFadzean, I. J., et al. (2026) 'The Incidence of Avoidable Healthcare-Associated Harm in Prisons in England: A Retrospective Case Note Review.' *BMJ Quality & Safety*, 35(9).
- 9) Okuhara, T., et al. (2026) 'Beyond Health Literacy: Addressing Epistemic Injustice in Patient–provider Communication.' *Patient Education and Counseling* 149.
- 10) Rathnayake, D., et al. (2026) 'Exploring Quality and Patient Safety Competencies and Competency Frameworks: A Scoping Review.' *International Journal for Quality in Health Care* 38(2).
- 11) Siriwardana, H. P., et al. (2026) 'Enhancing Resource Utilisation in Outpatient Clinics: Impact of Telephone and Text Reminders on did Not Attend and Short Notice Cancellation.' *BMJ Open Quality* 15(3).
- 12) Talaat, H., et al. (2026) 'Health-Related Quality of Life Measures in Incarcerated Populations: A Scoping Review.' *Quality of Life Research* 35(6), 136.
- 13) van Alphen, A., et al. (2026) 'Modeling Health Effects of Alternative Treatment Options during Surgical Delay to Inform Prioritization of Surgical Care.' *Medical Decision Making* 46(5).

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Contributing to a more sustainable health and care system

This section contains literature on Managing Risk Better and Becoming Improvers and Innovators.

- 1) Adefolalu, A. O. (2026) '[Feasibility-First Risk Management for Clinical AI: A Deterministic Systems Intelligence Framework for Release, Monitoring, Rollback and Withholding.](#)' *Risk Management and Healthcare Policy* 19.
- 2) Aghebti, A., et al. (2026) '[Internet of Things and Health Monitoring of Patients with Cancer: A Scoping Review.](#)' *Digital Health* 12.
- 3) Amir, M. T., et al. (2026) '[The Landscape of Machine Learning in Clinical Applications: A Thematic Mapping of Evolution, Frontiers, and Future Opportunities.](#)' *Digital Health* 12.
- 4) Guo, M., et al. (2026) '[Impact of Medical Safety Huddles on Patient Safety: A Stepped-Wedge Cluster Randomised Study.](#)' *BMJ Quality & Safety* 35(5).
- 5) Gurumurthy, N. P., et al. (2026) '[Behavior Change Techniques in Mobile Health Interventions Promoting Recovery from Substances: A Synthesis of Reviews and Meta-Analyses.](#)' *Digital Health* 12.
- 6) Hasmee, N., et al. (2026) '[Optimising ICU Supply Chains: Evidence-Based Strategies for Efficiency, Resilience and Patient Safety-a Structured Narrative Review.](#)' *BMJ Open Quality* 15(2).
- 7) Hobbs, M., et al. (2026) '[Balint Groups as a Workforce and Patient Experience Strategy: Lessons from Implementation.](#)' *Journal of Patient Experience* 13.
- 8) Hu, M., et al. (2026) '[Challenges of Patient-Facing Generative Artificial Intelligence in Hypertension Care: A Cross-Platform Evaluation of the Quality, Readability, and Actionability of LLM-Generated Patient Education Materials.](#)' *Digital Health* 12.
- 9) Huang, T., et al. (2026) '[Enhancing Intraoperative Safety through an Intelligent Surgical Instrument Verification System Based on Computer Vision Technologies.](#)' *International Journal for Quality in Health Care* 38(2).
- 10) Hwabamungu, B., and Shepherd, P. (2026) '[The Influence of Leadership on Stakeholder Involvement in the Digitalisation of the UK Healthcare Sector: An Activity Theory Perspective.](#)' *Digital Health* 12.
- 11) Jiao, X., et al. (2026) '[Quality Evaluation of AI-Generated Diabetes-Related Health Education Texts from Different Generative Models.](#)' *Digital Health* 12.

- 12) Joubert, D., et al. (2026) 'Interdisciplinary Strategies to Reduce Surgical Site Infections in Operating Rooms: A Scoping Review.' *BMJ Open Quality* 15(3).
- 13) Kikuchi, S., et al. (2026) 'Strategic Pathways of Digital Health Platforms in Regulated Markets: Evidence from Wearable Devices.' *Digital Health* 12.
- 14) Kim, S., et al. (2026) 'Transforming Cutting-Edge Healthcare: Emerging Trends in Metabolomics and Drug Design using Artificial Intelligence and Big Data Methodologies.' *Digital Health* 12.
- 15) King, J., et al. (2026) 'Evidence on the Links between Patient Experience and Safety: A Systematic Review.' *BMJ Open Quality* 15(3).
- 16) Lee, J., and Chang, J. (2026) 'Predicting the Sustainability of Quality Improvement Initiatives in Healthcare: A Data-Driven Study.' *Joint Commission Journal on Quality and Patient Safety* 52(8).
- 17) Lee, P., et al. (2026) 'Quantifying the Cost Savings of the South Australian Telestroke Service.' *J Telemed Telecare* 32(7).
- 18) Leurs, W. L. M., et al. (2026) 'Using AI to Identify in-Hospital Falls: A Comparative Analysis with Incident Reports and Manual Chart Review.' *BMJ Open Quality* 15(2).
- 19) Li, C., et al. (2026) 'Ladders to Better Health? Identifying the Cognitive Pathways and Barriers to Value Attainment in Wearable Health Device Usage.' *Digital Health* 12.
- 20) Li, D., et al. (2026) 'PEPRKD-Depression: A Knowledge Database Supporting Evidence-Based Personalized Exercise Prescription Recommendations in Depression.' *Digital Health* 12.
- 21) Logrono, . J., et al. (2026) 'Reducing Unnecessary Bed Days to Optimise Flow and Improve Demand-Capacity Mismatch: Learning from a System-Wide Patient Flow Collaborative.' *BMJ Open Quality* 15(2),.
- 22) Mozaffar, H., et al. (2026) 'A System-Level Analysis of Challenges and Strategies for Scaling Artificial Intelligence in Healthcare: A Qualitative Study of the NHS AI Lab.' *Digital Health* 12.
- 23) Plummer, M. L., et al. (2026) 'National and Subnational Models of Care that Support Primary Health Care: A Mixed-Methods Study.' *The International Journal of Health Planning and Management* 41(3).
- 24) Ryan, L., et al. (2026) 'Acceptance of AI Scribes within Hospital Allied Health Settings: A Mixed Methods Study.' *Digital Health* 12.
- 25) Schofield, J., et al. (2026) 'Global Perspectives on Telemedicine-Enabled Medications for Opioid use Disorder: Practices, Priorities, and Barriers.' *J Telemed Telecare* 32(7).

- 26) Schwarz, J., et al. (2026) 'Psychiatrists' Experiences and Opinions of Generative AI: An Exploratory Online Mixed Methods Survey in Germany.' *Digital Health* 12.
- 27) Si, V. N., et al. (2026) 'Development of a Semi-real-Time Electrocardiogram Monitoring System Integrating Artificial Intelligence and Wearable Devices for Atrial Fibrillation Screening.' *Digital Health* 12.
- 28) Southerland, L. T., et al. (2026) 'A Comparative Analysis of Hospital-Acquired Complications and Sentinel Event Reporting Across Australia, Canada, New Zealand, England, and the United States.' *Joint Commission Journal on Quality and Patient Safety* 52(8).
- 29) Sun, R., and Liu, Z. (2026) 'Development of a Risk Prediction Model for Post-Stroke Functional Recovery Based on Clinical and Nursing Factors.' *Risk Management and Healthcare Policy* 19.
- 30) Takizawa, Y., et al. (2026) 'Are Universal Digital Mental Health Interventions Effective for Promoting Mental Health Outcomes among Children and Adolescents? A Meta-Analysis of Effects and Moderators.' *J Telemed Telecare* 32(5).
- 31) Togunwa, T. O., and Platt, J. (2026) 'Ambient AI Scribes as Emerging Infrastructure in the Learning Health System.' *Learning Health Systems* 10(4).
- 32) Yang, Q., and Zhang, T. (2026) 'Digital Cardiology: A State-of-the-Art Review of Wearable Device Applications for Diagnosis, Monitoring, and Management of Cardiovascular Diseases.' *Digital Health* 12.
- 33) Zhang, L., et al. (2026) 'Impact of Artificial Intelligence and Digital Upgrading on the Sustainable Development of Public Health Services: An Empirical Study Based on Double Machine Learning.' *Digital Health* 12.
- 34) Zhong, Q., et al. (2026) 'Effects of Telemedicine Interventions on Cognitive Function in Post-Stroke Cognitive Impairment: A Systematic Review and Meta-Analysis.' *J Telemed Telecare* 32(5).

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