

Dawn Dowding
Academic (Teaching & Research) Professor
Nursing & Midwifery



Qualifications

Doctor of Philosophy, Information Processing and Handover: An Investigation, University of Surrey
Award Date: 1 Jun 1998

Bachelor of Science, Nursing and Psychology, City University of London
Award Date: 6 Jul 1990

Employment

Chair in Clinical Decision-Making

Academic (Teaching & Research) Professor
Nursing & Midwifery
The University of Manchester
1 Mar 2018 → present

Research outputs

Talking about falls: a qualitative exploration of spoken communication of patients' fall risks in hospitals and implications for multifactorial approaches to fall prevention

McVey, L., Alvarado, N., Healey, F., Montague, J., Todd, C., Zaman, H., Dowding, D., Lynch, A., Issa, B. & Randell, R., 1 Mar 2024, In: *BMJ Quality and Safety*. 33, 3, p. 166-172

Interactions that support older inpatients with cognitive impairments to engage with falls prevention in hospitals: An ethnographic study

McVey, L., Alvarado, N., Zaman, H., Healey, F., Todd, C., Issa, B., Woodcock, D., Dowding, D., Hardiker, N., Lynch, A., Davison, E., Frost, T., Abdulkader, J. & Randell, R., 19 Jan 2024, (E-pub ahead of print) In: *Journal of Clinical Nursing*.

Foundations of Adult Nursing

Burns, D., Jagger, C., Iles-Smith, H., Cole, M., Bleakley, G., Steen, C., Freeman, S., Ormrod, J., Dowding, D., O'Connor, S., Stanmore, E., Booth, S., Rogers, J., Brooks, J., Brown Wilson, C., Burns, C., Christie, J., Garry, B., Green, L., Heggs, K., & 4 others Iley, K., Singleton, G., Timpson, J. & Wakefield, A., Nov 2023, (Submitted) 3rd ed. UK: Sage Publications Ltd . 616 p.

Virtual reality and augmented reality smartphone applications for upskilling care home workers in hand hygiene: A realist multi-site feasibility, usability, acceptability, and efficacy study

Gasteiger, N., van der Veer, S. N., Wilson, P. & Dowding, D., 16 Oct 2023, In: *Journal of the American Medical Informatics Association*. 31, 1, p. 45–60

A systematic review of menopause apps with an emphasis on osteoporosis

Paripoorani, D., Gasteiger, N., Hawley, H. & Dowding, D., 21 Aug 2023, (Accepted/In press) In: *BMC Women's Health*.

Conducting a systematic review and evaluation of commercially available mobile applications (apps) on a health-related topic: the TECH approach and a step-by-step methodological guide

Gasteiger, N., Dowding, D., Norman, G., McGarrigle, L., Eost-Telling, C., Jones, D., Vercell, A., Ali, S. M. & O'connor, S., 12 Jun 2023, In: *BMJ Open*. 13, 6, e073283.

Digital interventions for genomics and genetics education, empowerment, and service engagement: A systematic review

Gasteiger, N., Vercell, A., Khan, N., Dowding, D., Davies, A. C. & Davies, A., 1 Jun 2023, In: *Journal of community genetics*. 14, 3, p. 227-240

Exploring variation in implementation of multifactorial falls risk assessment and tailored interventions: A realist review
Alvarado, N., McVey, L., Wright, J., Healey, F., Dowding, D., Cheong, V-L., Gardner, P., Hardiker, N., Lynch, A., Zaman, H., Smith, H. & Randell, R., 17 May 2023, (Accepted/In press) In: BMC Geriatrics.

Researching nurses' use of digital technology during the COVID-19 pandemic
Skyrme, S. L. & Dowding, D., 9 May 2023, In: Nursing Standard.

Navigating the Electronic Health Record in University Education: Helping health care professionals of the future prepare for 21st Century Practice
McMillan, B., Davidge, G., Nadeem, F., Dowding, D., Wilson, K. & Davies, A., 13 Mar 2023, In: BMJ Health & Care Informatics. p. e100722

Conducting a systematic review and evaluation of commercially available mobile applications (apps) on a health-related topic: the TECH approach and a step-by-step methodological guide
Gasteiger, N., Dowding, D., Norman, G., McGarrigle PhD, L., Eost-Telling, C., Jones, D., Vercell, A., Ali, S. M. & O'Connor, S., 6 Mar 2023, Research Square.

Exploring care home workers' views on augmented reality and virtual reality hand hygiene training: A realist interview study
Gasteiger, N., van der Veer, S. N., Wilson, P. & Dowding, D., 9 Feb 2023, (E-pub ahead of print) In: Health and Social Care in the Community. 2023, 15 p.

The use and impact of digital COVID-19 tracking in adult social care: a prospective cohort study of care homes in Greater Manchester
Ullah, A., Whittaker, W., Bradley, F., Nelson, P. A., Dowding, D., Morciano, M. & Cullum, N., 23 Jan 2023, In: BMC Infectious Diseases. 23, 1, 13 p., 47.

Implementation, uptake and use of a digital COVID-19 symptom tracker in English care homes in the coronavirus pandemic: a mixed-methods, multi-locality case study
Nelson, P. A., Bradley, F., Ullah, A., Whittaker, W., Brunton, L., Calovski, V., Money, A., Dowding, D., Cullum, N. & Wilson, P., 17 Jan 2023, In: Implementation science communications. 4, 1, 7.

Implementation, uptake, and use of a digital COVID-19 symptom tracker in English care homes in the coronavirus pandemic: a mixed-methods, multi-locality case study
Bradley, F., Nelson, P., Ullah, A., Whittaker, W., Brunton, L., Calovski, V., Money, A., Dowding, D., Cullum, N. & Wilson, P., 2023.

Nursing Informatics: Present and Future
Dowding, D., 2023, (Unpublished).

Where's the Nurse? (Keynote address)
Dowding, D., 2023.

Predictive model-based interventions to reduce outpatient no-shows: a rapid systematic review
Oikonomidi, T., Norman, G., McGarrigle, L., Stokes, J., van der Veer, S. & Dowding, D., 25 Nov 2022, (Accepted/In press) In: Journal of the American Medical Informatics Association.

Assessing acceptability of home blood monitoring for cancer patients who are receiving systemic anti-cancer therapy from a patient, caregiver, and clinician perspective: a qualitative study
Vercell, A., Taylor, S., Yorke, J. & Dowding, D., 9 Sept 2022, (Accepted/In press) In: JMIR Nursing.

Nurses' adoption and use of digital technology during the COVID-19 pandemic
Dowding, D., Skyrme, S., Randell, R., Newbould, L., Faisal, M. & Hardiker, N., 5 Sept 2022, (Accepted/In press) In: Nursing Standard.

Artificial intelligence in nursing and midwifery: A systematic review

O'Connor, S., Yan, Y., Thilo, F. J. S., Felzmann, H., Dowding, D. & Lee, J. J., 31 Jul 2022, In: Journal of Clinical Nursing.

What is known from the existing literature about self-management of pessaries for pelvic organ prolapse? A scoping review

Dwyer, L., Dowding, D. & Kearney, R., 18 Jul 2022, In: BMJ Open. 12, 7, p. e060223

Mindful Workarounds in Bar Code Medication Administration

Lichtner, V. & Dowding, D., 25 May 2022, In: Studies in Health Technology and Informatics . 294, p. 740-744 5 p.

What are the barriers and facilitators to self-management of chronic conditions reported by women? A systematic review.

Dwyer, L., Dowding, D. & Kearney, R., 11 May 2022, (Accepted/In press) In: BMJ Open.

Design and evaluation of an interactive quality dashboard for national clinical audit data: a realist evaluation

Randell, R., Alvarado, N., Elshehaly, M., Mcvey, L., West, R. M., Doherty, P., Dowding, D., Farrin, A. J., Feltbower, R. G., Gale, C. P., Greenhalgh, J., Lake, J., Mamas, M., Walwyn, R. & Ruddle, R. A., 1 May 2022, In: Health and Social Care Delivery Research. 10, 12, p. 1-156

Patient-facing genetic and genomic mobile apps in the UK: a systematic review of content, functionality, and quality

Gasteiger, N., Vercell, A., Davies, A., Dowding, D., Khan, N. & Davies, A., 1 Apr 2022, In: Journal of community genetics. 13, 2, p. 171-182 12 p.

What is known from the existing literature about self-management of pessaries for pelvic organ prolapse? A scoping review protocol

Dwyer, L., Dowding, D. & Kearney, R., 11 Jan 2022, In: BMJ Open. 12, 1, e055587.

How, for Whom, and in Which Contexts or Conditions Augmented and Virtual Reality Training Works in Upskilling Health Care Workers: Realist Synthesis

Gasteiger, N., van der Veer, S., Wilson, P. & Dowding, D., 1 Jan 2022, In: JMIR Serious Games. 10, 1, p. e31644 e31644.

Hidden labour: the skilful work of clinical audit data collection and its implications for secondary use of data via integrated health IT

Mcvey, L., Alvarado, N., Greenhalgh, J., Elshehaly, M., Gale, C. P., Lake, J., Ruddle, R. A., Dowding, D., Mamas, M., Feltbower, R. & Randell, R., 16 Jul 2021, In: BMC Health Services Research. 21, 1, p. 702

What supports and constrains the implementation of multifactorial falls risk assessment and tailored multifactorial falls prevention interventions in acute hospitals? Protocol for a realist review

Randell, R., Wright, J., Alvarado, N., Healey, F., Dowding, D., Smith, H., Hardiker, N., Gardner, P., Ward, S., Todd, C., Zaman, H., McVey, L., Davey, C. & Woodcock, D., 9 Jul 2021, (Accepted/In press) In: BMJ Open.

Upskilling health and care workers with augmented and virtual reality: Protocol for a realist review to develop an evidence-informed programme theory

Gasteiger, N., Van Der Veer, S., Wilson, P. & Dowding, D., 5 Jul 2021, In: BMJ Open. 11, 7, p. 1-10 10 p., e050033.

Sticky apps, not sticky hands: A systematic review and content synthesis of hand hygiene mobile apps

Gasteiger, N., Dowding, D., Ali, S. M., Scott, A., Wilson, P. & Van Der Veer, S., 28 Jun 2021, In: Journal of the American Medical Informatics Association. 28, 9, p. 2027-2038 12 p., ocab094.

Using patient-generated health data in clinical practice: how timing influences its function in rheumatology outpatient consultations

Laverty, L., Gandrup, J., Sharp, C. A., Ercio, A., Sanders, C., Dowding, D., Dixon, W. G. & Van Der Veer, S. N., 26 Jun 2021, In: Patient education and counseling.

Individual, social, and environmental factors for infection risk among home healthcare patients: A multi-method study
Russell, D., Dowding, D., Trifilio, M., McDonald, M. V., Song, J., Adams, V., Ojo, M. I., Perry, E. K. & Shang, J., 1 May 2021, In: Health & Social Care in the Community. 29, 3, p. 780-788 9 p.

Physicians' Use of the Computerized Physician Order Entry System for Medication Prescribing: A Systematic Review
Mogharbel, A., Ainsworth, J. & Dowding, D., 8 Dec 2020, (Accepted/In press) In: JOURNAL OF MEDICAL INTERNET RESEARCH.

Implications of a US study on infection prevention and control in home care (community) settings for the UK
Dowding, D., 22 Oct 2020, (Accepted/In press) In: British Journal of Community Nursing.

Infection Prevention and Control Practices in the Home Environment: Examining Enablers and Barriers to Adherence among Home Health Care Nurses
Adams, V., Song, J., Shang, J., McDonald, M., Dowding, D., Ojo, M. & Russell, D., 21 Oct 2020, (Accepted/In press) In: American Journal of Infection Control.

"A CATALYST FOR ACTION": FACTORS FOR IMPLEMENTING CLINICAL RISK PREDICTION MODELS OF INFECTION IN HOME CARE SETTINGS
Dowding, D., Russell, D., McDonald, M. V., Trifilio, M., Song, J., Brickner, C. & Shang, J., 8 Oct 2020, (Accepted/In press) In: Journal of the American Medical Informatics Association.

Exploring variation in the use of feedback from national clinical audits: a realist investigation
Alvarado, N., McVey, L., Greenhalgh, J., Dowding, D., Mamas, M., Gale, C., Doherty, P. & Randell, R., 15 Aug 2020, (Accepted/In press) In: BMC Health Services Research.

Observation of Hand Hygiene Practices in Home Health Care
McDonald, M. V., Brickner, C., Russell, D., Dowding, D., Larson, E. L., Trifilio, M., Bick, I., Sridharan, S., Song, J., Adams, V., Woo, K. & Shang, J., 20 Jul 2020, (Accepted/In press) In: Journal of the American Medical Directors Association.

Home Care Nurses' Identification of Patients at Risk of Infection and their Risk Mitigation Strategies: A Qualitative Interview Study
Dowding, D., Russell, D., Trifilio, M., McDonald, M. V. & Shang, J., 1 Jul 2020, In: International Journal of Nursing Studies. 107, p. 103617 103617.

A Predictive Risk Model for Infection-Related Hospitalization among Home Healthcare Patients
Shang, J., Russell, D., Dowding, D., McDonald, M., Murtagh, C., Liu, J., Larson, E., Sridharan, S. & Brickner, C., 1 May 2020, In: Journal for healthcare quality : official publication of the National Association for Healthcare Quality. 42, 3, p. 136-147 12 p.

Decision-making Factors Associated With Telehealth Adoption by Patients With Heart Failure at Home: A Qualitative Study
Woo, K. & Dowding, D. W., 1 Apr 2020, In: Computers, Informatics, Nursing. 38, 4, p. 204-214 11 p.

Institutional use of National Clinical Audits by healthcare providers
McVey, L., Alvarado, N., Keen, J., Greenhalgh, J., Mamas, M., Gale, C., Doherty, P., Feltblower, R., Elsehaly, M., Dowding, D. & Randell, R., 1 Apr 2020, (Accepted/In press) In: Journal of Evaluation in Clinical Practice.

How, in what contexts, and why do quality dashboards lead to improvements in care quality in acute hospitals? Protocol for a realist feasibility evaluation
Randell, R., Alvarado, N., McVey, L., Greenhalgh, J., West, R., Farrin, A., Gale, C. P., Parslow, R. C., Keen, J., Elshehaly, M., Ruddle, R. A., Lake, J., Mamas, M., Feltblower, R. & Dowding, D., 3 Feb 2020, (Accepted/In press) In: BMJ Open.

Assessing Sexual Orientation and Gender Identity in Home Health Care: Perceptions and Attitudes of Nurses
Bjarnadottir, R. I., Bockting, W., Trifilio, M. & Dowding, D., 23 Sept 2019, (Accepted/In press) In: LGBT Health.

Variation in National Clinical Audit Data Capture: Is Using Routine Data the Answer?
Dowding, D. W., Alvarado, N., McVey, L., Mamas, M. & Randell, R., 21 Aug 2019, In: Studies in Health Technology and Informatics. 264, p. 1658-1659 2 p.

Usability Evaluation of a Dashboard for Home Care Nurses
Dowding, D., Merrill, J. A., Barrón, Y., Onorato, N., Jonas, K. & Russell, D., Jan 2019, In: Computers, Informatics, Nursing.

Evaluating Visual Analytics for Health Informatics Applications: A Systematic Review from the AMIA VIS Working Group Task Force on Evaluation
Wu, D. T. Y., Chen, A. T., Manning, J. D., Levy-Fix, G., Backonja, U., Borland, D., Caban, J. J., Dowding, D., Hochheiser, H., Kagan, V., Kandaswamy, S., Kumar, M., Nunez, A., Pan, E. & Gotz, D., 2019, In: Journal of the American Medical Informatics Association.

Factors supporting and constraining the implementation of robot-assisted surgery: a realist interview study
Randell, R., Honey, S., Alvarado, N., Greenhalgh, J., Hindmarsh, J., Pearman, A., Gardner, P., Gill, A., Kotze, A. & Dowding, D., 2019, In: BMJ Open.

Hospitalization risk factors of older cohorts of home health care patients: a systematic review
Bick, I. & Dowding, D., 2019, In: Home Health Care Services Quarterly.

How do team experience and relationships shape new divisions of labour in robot-assisted surgery? A realist investigation
Randell, R., Greenhalgh, J., Hindmarsh, J., Honey, S., Pearman, A., Alvarado, N. & Dowding, D., 2019, In: Health.

Informal caregiver decision-making factors associated with technology adoption and use in home health care: A systematic scoping review
Woo, K., Tark, A., Dawon, B. & Dowding, D., 2019, In: Home Healthcare Now.

Reinterpreting the nursing record for an electronic context
Hardiker, N. R., Dowding, D., Dykes, P. C. & Sermeus, W., 2019, In: International journal of medical informatics.

Patient factors associated with the initiation of telehealth services among heart failure patients at home
Woo, K., Shang, J. & Dowding, D., 30 Nov 2018, In: Home Health Care Services Quarterly. 37, 4, p. 277-293 17 p.

A Multi-Level Usability Evaluation of Mobile Health Applications: A Case Study
Cho, H., Yen, P., Dowding, D., Merrill, J. & Schnall, R., Oct 2018, In: Journal of Biomedical Informatics. 86, p. 79-89 11 p.

Nurse documentation of sexual orientation and gender identity in home healthcare: A text mining study
Bjarnadottir, R. I., Bockting, W., Yoon, S. & Dowding, D., 28 Aug 2018, (Accepted/In press) In: Computers, Informatics, Nursing.

Technology Solutions to Support Care Continuity in Home Care: A Focus Group Study
Dowding, D. W., Russell, D., Onorato, N. & Merrill, J. A., Jul 2018, In: Journal for healthcare quality : official publication of the National Association for Healthcare Quality. 40, 4

Factors Affecting the Acceptance of Telehealth Services by Heart Failure Patients: An Integrative Review
Woo, K. & Dowding, D., 1 Apr 2018, In: Telemedicine journal and e-health : the official journal of the American Telemedicine Association.

The impact of home care nurses' numeracy and graph literacy on comprehension of visual display information: implications for dashboard design
Dowding, D., Merrill, J. A., Onorato, N., Barrón, Y., Rosati, R. J. & Russell, D., 1 Feb 2018, In: Journal of the American Medical Informatics Association : JAMIA. 25, 2, p. 175-182 8 p.

Change in physiological variables in the last 2 weeks of life: An observational study of hospitalized adults with heart failure
Taylor, P., Crouch, S., Howell, D. A. & Dowding, D. W., 2018, In: Journal of Pain and Symptom Management.

Clinical Decision-Making at the End of Life: A Mixed Methods Study
Taylor, P., Johnson, M. & Dowding, D., 2018, In: BMJ Supportive & Palliative Care.

Factors for compliance with infection control practices in home healthcare: findings from a survey of nurses' knowledge and attitudes toward infection control: findings from a survey of nurses' knowledge and attitudes toward infection control
Russell, D., Dowding, D. W., McDonald, M. V., Adams, V., Rosati, R. J., Larson, E. L. & Shang, J., 2018, In: American Journal of Infection Control. 23, 4, p. 444-462 19 p.

The Development of Heuristics for Evaluation of Dashboard Visualizations
Dowding, D. & Merrill, J. A., 2018, In: Applied Clinical Informatics.

Characteristics of Quality Improvement Champions in Nursing Homes: A Systematic Review With Implications for Evidence-Based Practice
Woo, K., Milworm, G. & Dowding, D., Dec 2017, In: Worldviews on Evidence-Based Nursing. 14, 6, p. 440-446 7 p.

Frequency and Risk Factors for Live Discharge from Hospice
Diamond, E. L., Russell, D., Dignam, R. R., Lauder, B., Dowding, D. W., Peng, T. R., Prigerson, H. G. & Bowles, K. H., Aug 2017, In: Journal of the American Geriatrics Society . 65, 8, p. 1726-1732 7 p.

Patient perspectives on answering questions about sexual orientation and gender identity: an integrative review
Bjarnadottir, R. I., Bocking, W. & Dowding, D. W., Jul 2017, In: Journal of Clinical Nursing. 26, 13-14, p. 1814-1833 20 p.

A realist process evaluation of robot-assisted surgery: integration into routine practice and impacts on communication, collaboration and decision-making
Randell, R., Honey, S., Hindmarsh, J., Alvarado, N., Greenhalgh, J., Pearman, A., Long, A., Cope, A., Gill, A., Gardner, P., Kotze, A., Wilkinson, D., Jayne, D., Croft, J. & Dowding, D., 1 Jun 2017, In: Health Services and Delivery Research. 5, 20

Using the MRC Framework for Complex Interventions to Develop Clinical Decision Support: A Case Study
Dowding, D., Lichtner, V. & Closs, S. J., May 2017, In: Studies in Health Technology and Informatics. 235, p. 544-548 5 p.

Clinical decision making in the recognition of dying: a qualitative interview study
Taylor, P., Dowding, D. & Johnson, M., 25 Jan 2017, In: BMC palliative care. 16, 1, p. 11

Does Level of Numeracy and Graph Literacy Impact Comprehension of Quality Targets? Findings from a Survey of Home Care Nurses
Dowding, D. W., Russell, D., Jonas, K., Onorato, N., Barrón, Y., Merrill, R. J. A. & Rosati, R. J., 2017, In: AMIA ... Annual Symposium proceedings. AMIA Symposium. 2017, p. 635-640 6 p.

Automated identification of wound information in clinical notes of patients with heart diseases: Developing and validating a natural language processing application
Topaz, M., Lai, K., Dowding, D., Lei, V. J., Zisberg, A., Bowles, K. H. & Zhou, L., Dec 2016, In: International Journal of Nursing Studies. 64, p. 25-31 7 p.

The Future of Home Health Care: A Strategic Framework for Optimizing Value
Landers, S., Madigan, E., Leff, B., Rosati, R. J., McCann, B. A., Hornbake, R., MacMillan, R., Jones, K., Bowles, K., Dowding, D., Lee, T., Moorhead, T., Rodriguez, S. & Breese, E., Nov 2016, In: Home health care management & practice. 28, 4, p. 262-278 17 p.

Towards improved decision support in the assessment and management of pain for people with dementia in hospital: a systematic meta-review and observational study.

Closs, S.J., Dowding, D., Allcock, N., Hulme, C., Keady, J., Sampson, E., Briggs, M., Corbett, A., Esterhuizen, P., Holmes, J., James, K., Lasrado, R., Long, A., McGinnis, E., O' Dwyer, J., Swarbrick, C. & Lichtner, V., 1 Oct 2016, 30 ed. Southampton: National Institute for Health Research. (Health Services and Delivery Research)

Embedding robotic surgery into routine practice and impacts on communication and decision making: a review of the experience of surgical teams

Dowding, D., Apr 2016, In: Cognition, Technology & Work. 18, 2

Integrating a Proposed Population Health Model with Nursing Informatics Research

Dowding, D., Arcia, A., Bjarnadottir, R. I., Iribarren, S. & Yoon, S., 2016, In: Studies in Health Technology and Informatics. 225, p. 732-4 3 p.

The assessment and management of pain in patients with dementia in hospital settings: a multi-case exploratory study from a decision making perspective

Lichtner, V., Dowding, D., Allcock, N., Keady, J., Sampson, E. L., Briggs, M., Corbett, A., James, K., Lasrado, R., Swarbrick, C. & Closs, S. J., 2016, In: BMC Health Services Research. 16, 1, p. 427 427.

Using Mixed Methods in Health Information Technology Evaluation

Sockolow, P., Dowding, D., Randell, R. & Favela, J., 2016, In: Studies in Health Technology and Informatics. 225, p. 83-7 5 p.

The relative meaning of absolute numbers: the case of pain intensity scores as decision support systems for pain management of patients with dementia

Lichtner, V., Dowding, D. & Closs, S. J., 24 Dec 2015, In: BMC Medical Informatics and Decision Making. 15, p. 111

Using sense-making theory to aid understanding of the recognition, assessment and management of pain in patients with dementia in acute hospital settings.

Dowding, D., Lichtner, V., Allcock, N., Briggs, M., James, K., Keady, J., Lasrado, R., Sampson, E. L., Swarbrick, C. & José Closs, S., 31 Aug 2015, In: International Journal of Nursing Studies. 53, p. 152-162 10 p.

Enhancing Cross-functional Collaboration and Effective Problem Solving Through an Innovation Challenge for Point-of-Care Providers

Bakallbashi, E., Vyas, A., Vaswani, N., Rosales, D., Russell, D., Dowding, D., Bernstein, M., Abdelaal, H. & Hawkey, R., 24 Jul 2015, In: Journal of Nursing Administration. 45, 7-8, p. 354-357 4 p.

Using Health Information Technology to Support Evidence-Based Practice

Dowding, D., Jun 2015, In: Worldviews on Evidence-Based Nursing. 12, 3, p. 129-30 2 p.

Using realist reviews to understand how health IT works, for whom, and in what circumstances

Randell, R., Greenhalgh, J. & Dowding, D., Apr 2015, In: Journal of the American Medical Informatics Association : JAMIA. 22, e1, p. e216-7

Change in physiological variables in the last 2 weeks of life: an observational study of hospital in-patients with cancer

Taylor, P., Crouch, S., Howell, D. A., Dowding, D. W. & Johnson, M. J., Feb 2015, In: Palliative Medicine. 29, 2, p. 120-7 8 p.

Dashboards for improving patient care: review of the literature

Dowding, D., Randell, R., Gardner, P., Fitzpatrick, G., Dykes, P., Favela, J., Hamer, S., Whitewood-Moores, Z., Hardiker, N., Borycki, E. & Currie, L., Feb 2015, In: International journal of medical informatics. 84, 2, p. 87-100 14 p.

Electronic whiteboards: review of the literature

Randell, R., Greenhalgh, J., Wyatt, J., Gardner, P., Pearman, A., Honey, S. & Dowding, D., 2015, In: Studies in Health Technology and Informatics. 210, p. 389-93 5 p.

Impact of Robotic Surgery on Decision Making: Perspectives of Surgical Teams

Randell, R., Alvarado, N., Honey, S., Greenhalgh, J., Gardner, P., Gill, A., Jayne, D., Kotze, A., Pearman, A. & Dowding, D., 2015, In: AMIA ... Annual Symposium proceedings. AMIA Symposium. 2015, p. 1057-66 10 p.

Pain assessment for people with dementia: a systematic review of systematic reviews of pain assessment tools

Lichtner, V., Dowding, D., Esterhuizen, P., Closs, S. J., Long, A. F., Corbett, A. & Briggs, M., 17 Dec 2014, In: BMC Geriatrics. 14, 38, 19 p.

Nurses' pressure ulcer related judgements and decisions in clinical practice: a systematic review

Samuriwo, R. & Dowding, D., Dec 2014, In: International Journal of Nursing Studies. 51, 12, p. 1667-85 19 p.

A new pressure ulcer conceptual framework

Coleman, S., Nixon, J., Keen, J., Wilson, L., McGinnis, E., Dealey, C., Stubbs, N., Farrin, A., Dowding, D., Schols, J. M. G. A., Cuddigan, J., Berlowitz, D., Jude, E., Vowden, P., Schoonhoven, L., Bader, D. L., Gefen, A., Oomens, C. W. J. & Nelson, E. A., Oct 2014, In: Journal of Advanced Nursing. 70, 10, p. 2222-34 13 p.

Developing a pressure ulcer risk factor minimum data set and risk assessment framework

Coleman, S., Nelson, E. A., Keen, J., Wilson, L., McGinnis, E., Dealey, C., Stubbs, N., Muir, D., Farrin, A., Dowding, D., Schols, J. M. G. A., Cuddigan, J., Berlowitz, D., Jude, E., Vowden, P., Bader, D. L., Gefen, A., Oomens, C. W. J., Schoonhoven, L. & Nixon, J., Oct 2014, In: Journal of Advanced Nursing. 70, 10, p. 2339-2352 14 p.

Nurses' use of an integrated electronic health record: results of a case site analysis

Dowding, D. W., Turley, M. & Garrido, T., 14 Aug 2014, (E-pub ahead of print) In: Informatics for Health and Social Care. p. 1-17 17 p.

A systematic review on the validity and reliability of an emergency department triage scale, the Manchester Triage System

Parenti, N., Reggiani, M. L. B., Iannone, P., Percudani, D. & Dowding, D., Jul 2014, In: International Journal of Nursing Studies. 51, 7, p. 1062-9 8 p.

Integration of robotic surgery into routine practice and impacts on communication, collaboration, and decision making: a realist process evaluation protocol

Randell, R., Greenhalgh, J., Hindmarsh, J., Dowding, D., Jayne, D., Pearman, A., Gardner, P., Croft, J. & Kotze, A., 2 May 2014, In: Implementation science: IS. 9, p. 52

The prevalence of infections and patient risk factors in home health care: a systematic review

Shang, J., Ma, C., Poghosyan, L., Dowding, D. & Stone, P., May 2014, In: American Journal of Infection Control. 42, 5, p. 479-84 6 p.

An agenda for clinical decision making and judgement in nursing research and education

Thompson, C., Aitken, L., Doran, D. & Dowding, D., Dec 2013, In: International Journal of Nursing Studies. 50, 12, p. 1720-6 7 p.

Using computerised decision-support systems

Dowding, D., 20 Nov 2013, In: Nursing Times. 109, 36, p. 23-5 3 p.

Are nurses expected to have information technology skills?

Dowding, D., Sept 2013, In: Nursing Management (UK). 20, 5, p. 31-7 7 p.

Barriers to the diagnosis and treatment of venous thromboembolism in advanced cancer patients: a qualitative study

Sheard, L., Prout, H., Dowding, D., Noble, S., Watt, I., Maraveyas, A. & Johnson, M., Apr 2013, In: Palliative Medicine. 27, 4, p. 339-48 10 p.

International priorities for research in nursing informatics for patient care

Dowding, D. W., Currie, L. M., Borycki, E., Clamp, S., Favela, J., Fitzpatrick, G., Gardner, P., Hamer, S., Hardiker, N., Johnson, O., Lawton, R., O'Brien, A., Randell, R., Westbrook, J., Whitewood-Moores, Z. & Dykes, P. C., 2013, In: Studies in Health Technology and Informatics. 192, p. 372-6 5 p.

The ethical decisions UK doctors make regarding advanced cancer patients at the end of life—the perceived (in) appropriateness of anticoagulation for venous thromboembolism: a qualitative study

Sheard, L., Prout, H., Dowding, D., Noble, S., Watt, I., Maraveyas, A. & Johnson, M., 4 Sept 2012, In: BMC Medical Ethics. 13, 22, p. 22

Diagnosis and management of people with venous thromboembolism and advanced cancer: how do doctors decide? A qualitative study

Johnson, M. J., Sheard, L., Maraveyas, A., Noble, S., Prout, H., Watt, I. & Dowding, D., 20 Jul 2012, In: BMC Medical Informatics and Decision Making. 12, p. 75

Conceptualising decision making in nursing education

Dowding, D., Gurbutt, R., Murphy, M., Lascelles, M., Pearman, A. & Summers, B., 10 Jul 2012, In: Journal of Research in Nursing. 17, 4

The impact of an electronic health record on nurse sensitive patient outcomes: an interrupted time series analysis

Dowding, D. W., Turley, M. & Garrido, T., 17 Dec 2011, In: Journal of the American Medical Informatics Association : JAMIA. 19, 4, p. 615-620 6 p.

Complex interventions in midwifery care: reflections on the design and evaluation of an algorithm for the diagnosis of labour

Dowding, D. W., Cheyne, H. L. & Hundley, V., Oct 2011, In: Midwifery. 27, 5, p. 654-9 6 p.

Organisational influences on nurses' use of clinical decision support systems

Randell, R. & Dowding, D., Jun 2010, In: International journal of medical informatics. 79, 6, p. 412-21 10 p.

A national survey of computerized decision support systems available to nurses in England

Mitchell, N., Randell, R., Foster, R., Dowding, D., Lattimer, V., Thompson, C., Cullum, N. & Summers, R., Nov 2009, In: Journal of Nursing Management. 17, 7, p. 772-780 9 p.

Using decision analysis to integrate evidence into decision making

Dowding, D. & Thompson, C., Oct 2009, In: Evidence-Based Nursing. 12, 4, p. 102-4 3 p.

From pull to push: understanding nurses' information needs

Randell, R., Mitchell, N., Thompson, C., McCaughan, D. & Dowding, D., Jun 2009, In: Health Informatics Journal. 15, 2, p. 75-85 11 p.

The decision making of heart failure specialist nurses in clinical practice

Dowding, D., Spilsbury, K., Thompson, C., Brownlow, R. & Pattenden, J., May 2009, In: Journal of Clinical Nursing. 18, 9, p. 1313-24 12 p.

Nurses' use of computerised clinical decision support systems: a case site analysis

Dowding, D., Mitchell, N., Randell, R., Foster, R., Lattimer, V. & Thompson, C., Apr 2009, In: Journal of Clinical Nursing. 18, 8, p. 1159-1167 9 p.

Supporting nurse decision making in primary care: exploring use of and attitude to decision tools

Randell, R., Mitchell, N., Thompson, C., McCaughan, D. & Dowding, D., Mar 2009, In: Health Informatics Journal. 15, 1, p. 5-16 12 p.

Commentary on Banning M (2008) A review of clinical decision making: models and current research. Journal of Clinical Nursing 17, 187-195

Dowding, D., Jan 2009, In: Journal of Clinical Nursing. 18, 2, p. 309-311 3 p.

Experience and nurses use of computerised decision support systems

Dowding, D., Randell, R., Mitchell, N., Foster, R., Thompson, C., Lattimer, V. & Cullum, N., 2009, In: Studies in Health Technology and Informatics. 146, p. 506-510 5 p.

Effects of algorithm for diagnosis of active labour: cluster randomised trial

Cheyne, H., Hundley, V., Dowding, D., Bland, J. M., McNamee, P., Greer, I., Styles, M., Barnett, C. A., Scotland, G. & Niven, C., 8 Dec 2008, In: Bmj. 337, 12 p.

Do heart failure specialist nurses think differently when faced with 'hard' or 'easy' decisions: a judgement analysis

Thompson, C., Spilsbury, K., Dowding, D., Pattenden, J. & Brownlow, R., Aug 2008, In: Journal of Clinical Nursing. 17, 16, p. 2174-2184 11 p.

Managing the risk of suicide in acute psychiatric inpatients: A clinical judgement analysis of staff predictions of imminent suicide risk

Paterson, B., Dowding, D., Harries, C., Cassells, C., Morrison, R. & Niven, C. A., Aug 2008, In: Journal of Mental Health. 17, 4, p. 410-423

The development and testing of an algorithm for diagnosis of active labour in primiparous women

Cheyne, H., Dowding, D., Hundley, V., Aucott, L., Styles, M., Mollison, J., Greer, I. & Niven, C., Jun 2008, In: Midwifery. 24, 2, p. 199-213 15 p.

Effects of computerized decision support systems on nursing performance and patient outcomes: a systematic review

Randell, R., Mitchell, N., Dowding, D., Cullum, N. & Thompson, C., Oct 2007, In: Journal of Health Services Research and Policy. 12, 4, p. 242-249 8 p.

'Should I come in now?' a study of women's early labour experiences.

Cheyne, H. L., Terry, R., Niven, C. A., Dowding, D., Hundley, V. & McNamee, P., Oct 2007, In: British Journal of Midwifery. 15, 10

Health promotion at NHS breast cancer screening clinics in the UK

Fisher, B., Dowding, D., Pickett, K. E. & Fylan, F., Jun 2007, In: Health Promotion International. 22, 2, p. 137-145 9 p.

Personal beliefs, experiences, and emotions influenced smokers' perceptions of their cancer risk

Dowding, D., Jul 2006, In: Evidence-Based Nursing. 9, 3, p. 92 1 p.

A computerised guidance tree (decision aid) for hypertension, based on decision analysis: development and preliminary evaluation

Thomson, P., Dowding, D., Swanson, V., Bland, R., Mair, C., Morrison, A., Taylor, A., Beechey, C. & Niven, C. A., Jun 2006, In: European Journal of Cardiovascular Nursing. 5, 2, p. 146-9 4 p.

Making the diagnosis of labour: midwives' diagnostic judgement and management decisions

Cheyne, H., Dowding, D. W. & Hundley, V., Mar 2006, In: Journal of Advanced Nursing. 53, 6, p. 625-635 11 p.

Teaching evidence-based practice on foot

Richardson, W. S. & Dowding, D., Oct 2005, In: Evidence-Based Nursing. 8, 4, p. 100-103 4 p.

Using social judgement theory to model nurses' use of clinical information in critical care education

Thompson, C. A., Foster, A., Cole, I. & Dowding, D. W., Jan 2005, In: Nurse Education Today. 25, 1, p. 68-77 10 p.

Long- and short-term risk factors in the prediction of inpatient suicide: review of the literature

Cassells, C., Paterson, B., Dowding, D. & Morrison, R., 2005, In: Crisis. 26, 2, p. 53-63 11 p.

An improved methodology for advancing nursing research: factorial surveys

Ludwick, R., Wright, M. E., Zeller, R. A., Dowding, D. W., Lauder, W. & Winchell, J., 1 Oct 2004, In: Advances in Nursing Science. 27, 3, p. 224-38 15 p.

Awareness and prevention of error in clinical decision-making

Thompson, C. & Dowding, D., 25 Jun 2004, In: Nursing Times. 100, 23, p. 40-3 4 p.

Using judgement to improve accuracy in decision-making

Dowding, D. & Thompson, C., 16 Jun 2004, In: Nursing Times. 100, 22, p. 42-4 3 p.

Using decision trees to aid decision-making in nursing

Dowding, D. & Thompson, C., 15 Jun 2004, In: Nursing Times. 100, 21, p. 36-9 4 p.

Strategies for avoiding pitfalls in clinical decision-making

Thompson, C., Dowding, D. & McCaughan, D., 18 May 2004, In: Nursing Times. 100, 20, p. 40-42 3 p.

Evaluating the funding and capacity of research in Scotland

Dowding, D. & Fyffe, T., 11 May 2004, In: Nursing Times. 100, 16, p. 36-38 3 p.

The development and preliminary evaluation of a decision aid based on decision analysis for two treatment conditions: benign prostatic hyperplasia and hypertension

Dowding, D., Swanson, V., Bland, R., Thomson, P., Mair, C., Morrison, A., Taylor, A., Beechey, C., Simpson, R. & Niven, K., Feb 2004, In: Patient education and counseling. 52, 2, p. 209-215 7 p.

Review: personalised risk communication may improve uptake of screening tests more than general risk communication

Dowding, D., Jan 2004, In: Evidence-Based Nursing. 7, 1, p. 14 1 p.

Measuring the quality of judgement and decision-making in nursing

Dowding, D. & Thompson, C., Oct 2003, In: Journal of Advanced Nursing. 44, 1, p. 49-57 9 p.

An investigation into the accuracy of different types of thermometers

Dowding, D., Freeman, S., Nimmo, S., Smith, D. & Wisniewski, M., Nov 2002, In: Professional nurse (London, England). 18, 3, p. 166-168 3 p.

Responding to uncertainty in nursing practice

Thompson, C. & Dowding, D., Oct 2001, In: International Journal of Nursing Studies. 38, 5, p. 609-615 7 p.

Examining the effects that manipulating information given in the change of shift report has on nurses' care planning ability

Dowding, D., Mar 2001, In: Journal of Advanced Nursing. 33, 6, p. 836-46 11 p.

Intuition and analysis in decision making and choice

Lamond, D. & Thompson, C., Dec 2000, In: Journal of Nursing Scholarship. 32, 4, p. 411-414 4 p.

The information content of the nurse change of shift report: a comparative study

Lamond, D., Apr 2000, In: Journal of Advanced Nursing. 31, 4, p. 794-804 11 p.

The treatment of pressure sores: a comparison of novice and expert nurses' knowledge, information use and decision accuracy

Lamond, D. & Farnell, S., Feb 1998, In: Journal of Advanced Nursing. 27, 2, p. 280-6 7 p.

General nurses' perceptions of palliative care

Holmes, S., Pope, S. & Lamond, D., 2 Mar 1997, In: International Journal of Palliative Nursing. 3, 2, p. 92-99 8 p.

Judgements and processes in care decisions in acute medical and surgical wards

Lamond, D., Crow, R. A. & Chase, J., Aug 1996, In: Journal of Evaluation in Clinical Practice. 2, 3, p. 211-6 6 p.

Overview and critique of judgement and decision making in health care: social and procedural dimensions
Chase, J., Crow, R. A. & Lamond, D., Aug 1996, In: Journal of Evaluation in Clinical Practice. 2, 3, p. 205-210 6 p.

Information sources used in decision making: considerations for simulation development
Lamond, D., Crow, R., Chase, J., Doggen, K. & Swinkels, M., Feb 1996, In: International Journal of Nursing Studies. 33, 1, p. 47-57 11 p.

The cognitive component of nursing assessment: an analysis
Crow, R. A., Chase, J. & Lamond, D., Aug 1995, In: Journal of Advanced Nursing. 22, 2, p. 206-212 7 p.

Prizes

Elected Fellow of the International Academy of Health Sciences Informatics
Dowding, Dawn (Recipient), 2023

Elected Fellow of the New York Academy of Medicine
Dowding, Dawn (Recipient), 2014

Fellow of the American Academy of Nursing
Dowding, Dawn (Recipient), 2016

Fellow of the Faculty of Clinical Informatics
Dowding, Dawn (Recipient), 24 Oct 2019

Harriet H. Werley Award
Dowding, Dawn (Recipient), 2018

Journal of Healthcare Quality 2020 Impact Award
Dowding, Dawn (Recipient), 2021

Projects

Assembling the Data Jigsaw: Powering Robust Research on the Causes, Determinants and Outcomes of MSK Disease.
Dixon, W., Brown, B., Clarkson, P., Dowding, D., Holm, S., Humphreys, J. H., Jani, M., Mabeth, J., Nenadic, G., Peek, N., Pendleton, N., Sanders, C. & Van Der Veer, S.
1/05/20 → 31/10/23

Development of a decision support tool for older people and their families who pay for social care
Dowding, D.
1/05/21 → 30/04/23

DHSCRG: Digital Health and Social Care Research Group
Dowding, D., Hawley-Hague, H., O'Connor, S., Stanmore, E., Kirk, S., Hall, A., Burden, S., Deane, J., Eost-Telling, C., Gasteiger, N., Jeyasingham, D., Christie, J., Rogers, K., Dumville, J., Atkinson, R., Vercell, A. & Ford, C.

HARG: Healthy Ageing Research Group
Todd, C., Stanmore, E., Hall, A., Littlewood, A., Davies, A., Sowerbutts, A. M., Maharani, A., Dowding, D., Jones, D., Boulton, L., Cruickshank, F., Hawley-Hague, H., Brooks, J., Griffiths, J., Spencer, K., Fisher, K., MCGarrigle, L., Cook, M., Pendleton, N., Stanford, P., Lasrado, R., Ahmed, S., Clinch, S., Burden, S., Gluchowski, A., Ford, C., Al Zadjali, F., Sremanakova, J., Fisher, K., Zougar, M., Almohaisen, N., Yang, Y., Mckenzie, Y., O'Connor, S., Aminu, A., Bosco, A., Parchment, A., Money, A., Mackenzie, A., Karki, B., Poku, B., Eost-Telling, C., French, C., Harris, D., Andah, E., Vardy, E., Hakeem, F., Donald, G., Bilsborough, H., Gangannagaripalli, J., Astbury, J., Garsden, J., Ventre, J., Aguilera Munoz, J., Allsopp, K., MCGarrigle, L., Mott, L., Huang, L., Tomkow, L., Ahmed, N., Fox, S., Mcdermott, J., Hoodless, S., Dlima, S.,

Shi, Y. & Tang, Y.

NIHR Applied Research Collaboration Greater Manchester.

Cullum, N., Abel, K., Ainsworth, J., Arden Armitage, C., Bee, P., Bower, P., Bucci, S., Burden, S., Burns, A., Checkland, K., Dixon, W., Dowding, D., Dumville, J., French, D., Grande, G., Green, J., Griffiths, J., Hodgson, D., Keady, J., Kislov, R., Kontopantelis, E., Lovell, K., Meacock, R., Morciano, M., Munford, L., O'Neill, T., Peek, N., Pendleton, N., Sanders, C., Spooner, S., Stanmore, E., Sutton, M., Todd, C., Turner, S., Van Der Veer, S., Webb, R., Whittaker, W. & Wilson, P.
1/10/19 → 30/09/24

RENAL_HF: Personalising renal function monitoring and interventions in people living with heart failure: RENAL-HF (AWARD)

Ashcroft, D., Arden Armitage, C., Brown, B., Dowding, D., Machin, M., Peek, N. & Bartlett, M.
1/10/21 → 30/09/26

Transforming outpatient consultations by integrating regular symptom tracking by patients into the electronic health record

Dixon, W., Arden Armitage, C., Bower, P., Dowding, D., Mcbeth, J., Parkes, M., Sanders, C., Sharp, C., Van Der Veer, S. & Wilson, P.
1/10/21 → 31/12/25