AUSTRALIAN INSTITUTE OF HEALTH INNOVATION Faculty of Medicine and Health Sciences



# **Directions 2021**

## AUSTRALIAN INSTITUTE OF HEALTH INNOVATION (AIHI)





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#### Selected references:

Direction One	Direction Two	Direction Three
Keeping people healthy	Providing world-class clinical care	Delivering truly integrated care
Hooper TD, Hibbert PD, Mealing N, Wiles L, Jaffe A, White L, Cowell CT, Harris MF, Runciman WB, Goldstein S, Hallahan AR, Wakefield JG, Murphy E, Lau A, Wheaton GR, Williams HM, Hughes C, Braithwaite J. CareTrack Kids–Part 2 Assessing the	<b>Braithwaite, J.,</b> Mannion, R., Matsuyama, Y., Shekelle, P., Whittaker, S. and Al-Adawi, S. (eds) (Accepted November 17 2015) Health Systems Improvement Across the Globe: Success Stories from 60 Countries, Abingdon, UK, Taylor & Francis.	<b>Prgomet M</b> , Douglas H, <b>Tariq A</b> , <b>Georgiou A</b> , Armour P, <b>Westbrook J</b> . The work of frontline community aged care staff and the impact of a changing policy landscape and consumer directed care. British Journal of Social Work. 2016:1-19.
Appropriateness of the healthcare delivered to Australian children: A study protocol for a retrospective medical record review. BMJ Open. 2015;Published Online First: 8 April 2015(5:e00774).	<b>Braithwaite, J.,</b> Matsuyama, Y., Mannion, R. and Johnson, J. (eds) (2015) Healthcare Reform, Quality and Safety: Perspectives, Participants, Partnerships and Prospects in 30 Countries Farrham Surrey Ashate	<b>Braithwaite J.</b> Bridging gaps to promote networked care between teams and groups in health delivery systems: A systematic review of non-health literature. BMJ Open. 2015;5(9): e006567.
Runciman WB, Hunt TD, Hannaford NA, Hibbert PD, Westbrook JI, Coiera E, Day RO, Hindmarsh DM, McGlynn EA, Braithwaite J. CareTrack: assessing the appropriateness of healthcare delivery in Australia. Medical	Publishing Ltd. ISBN: 978-1-4724-5140-8. <b>Clay-Williams R</b> , Hounsgaard J, Hollnagel E. Where the rubber meets the road: Using FRAM to align works-as-imagined with work-as-done	Georgiou A, Marks A, Braithwaite J, Westbrook JI. Gaps, disconnections, and discontinuities—the role of information exchange in the delivery of quality long-term care. The Gerontologist. 2013;53(5):770-9.
Journal of Australia. 2012;197(2): 100-105. <b>Prgomet M</b> , Li L, Niazkani Z, <b>Georgiou A</b> , <b>Westbrook JI</b> . Impact of commercial computerized provider order entry (CPOE) and clinical decision support systems (CDSS) on medication errors, length of stay, and mortality in intensive care units: a systematic review and meta-analysis. Journal of the American Medical Informatics Association 2016;First published	<ul> <li>when implementing clinical guidelines.</li> <li>Implementation Science. 2015;10(125).</li> <li>Gallego B, Walter S, Day RO, Dunn A, Sivaraman V, Shah NH, Longhurst C, Coiera</li> <li>E. Bringing cohort studies to the bedside:</li> <li>Framework for a 'green button' to support clinical decision-making. Journal of Comparative Effectiveness Research.</li> <li>2015;4(3):191-7.</li> </ul>	Stewart MJ, Georgiou A, Westbrook JI. Successfully integrating aged care services: A review of the evidence and tools emerging from a long-term care program. International Journal of Integrated Care. 2013;13(Jan-Mar):e003. Braithwaite J. Between-group behaviour in healthcare: gaps, edges, boundaries, disconnections, weak ties, spaces and holes. A systematic review. BMC Health Services Research. 2010;10: 330

Strategy One	Strategy Two	Strategy Three	Strategy Four
Supporting and developing our workforce	Supporting and harnessing research and innovation	Enabling e-health	Designing and building future-focused infrastructure
<ul> <li>Braithwaite J, Morita A, Imanaka Y, Westert G. Cost of quality at the system level: Reconstructing National/Regional Healthcare Systems in Countries with Active Aging. ISQua's 33rd International Conference: Change and Sustainability in Healthcare Quality: The Future Challenges, Tokyo, Japan. 2016, 17 October.</li> <li>Braithwaite J. High reliability and resilience in healthcare. WHO Global Patient Safety Consultation, Florence, Italy. 2016, 26 September.</li> <li>Walter SR, Raban MZ, Dunsmuir WTM, Douglas HE, Westbrook JI. Emergency doctors' strategies to manage competing workload demands in an interruptive environment: An observational workflow time study. Applied Ergonomics. 2016;58:454-60.</li> </ul>	Cai X, Perez O, Coiera E, Martin- Sanchez F, Day R, Roffe D, Gallego B. Real-time prediction of mortality, readmission, and length of stay using electronic health record data. Journal of the American Medical Informatics Association. 2015:ocv110. Braithwaite J, Marks D, Taylor N. Harnessing implementation science to improve care quality and patient safety in complex adaptive systems: A literature review and content analysis. International Journal for Quality in Health Care. 2014;26(3):321-9. Callen J, Li L, Georgiou A, Paoloni R, Gibson K, Li J, Stewart M, Braithwaite J, Westbrook JI. Does an integrated Emergency Department Information System change the sequence of clinical work? A mixed-method cross-site study. International Journal of Medical Informatics. 2014;83(12):958-66.	Braithwaite J, Wears R, Hollnagel E (eds) <i>Resilient Health</i> <i>Care Vol. 3: Reconciling Work-as-</i> <i>Imagined and Work-as-Done</i> , Abingdon, UK, Taylor & Francis, 2017. Tiong SS, Koh ES, Delaney G, Lau A, et al. An e-health strategy to facilitate care of breast cancer survivors: A pilot study. Asia- Pacific Journal of Clinical Oncology. 2016;Published Online First: 3 March 2016 10.1111/ajco.12475. Georgiou A, Lymer S, Forster M, Strachan M, Graham S, Hirst G, Callen J, Westbrook JI. Lessons learned from the introduction of an electronic safety net to enhance test result management in an Australian mothers' hospital. Journal of the American Medical Informatics Association. 2014;doi:10.1136/amiajnl-2013- 002466.	Georgiou, A., Westbrook, J.I. and Braithwaite, J. (2012) An empirically-derived approach for investigating Health Information Technology: the Elementally Entangled Organisational Communication (EEOC) framework. <i>BMC Medical</i> <i>Informatics and Decision Making</i> , 12(1): 68-77 Westbrook JI, Gospodarevskaya E, Li L, Richardson KL, Roffe D, Heywood M, Day RO, Graves N. Cost- effectiveness analysis of a hospital electronic medication management system. Journal of the American Medical Informatics Association. 2015;22(4):784-93.

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