

# Australian Institute of Health Innovation for WHO World Patient Safety Day 2023 – elevating the voice of patients



Caption: Professors Henry Cutler, Enrico Coiera, Johanna Westbrook and Jeffrey Braithwaite

## **EVENTS FOR WHO WORLD PATIENT SAFETY DAY:**

**11 September** – an article 'Engaging with CALD patients for World Patient Safety Day' has been published in <u>MJA InSight+</u>, the online news arm of the Medical Journal of Australia. The lead author is Associate Professor Reema Harrison, a Career Development Fellow at Cancer Institute NSW at the Australian Institute of Health Innovation, Macquarie University.

**12 September** – the 'CanEngage Symposium' is a public event held at Macquarie University showcasing the findings of research into improving the <u>safety of cancer care</u> for people from culturally and linguistically diverse backgrounds, led by Associate Professor Reema Harrison.

**19 September** – public webinar on '<u>Can we have a better healthcare system by 2030?</u>' with Professor Jeffrey Braithwaite, Founding Director of the Australian Institute of Health Innovation, Macquarie University.



### **EXAMPLES OF OUR RECENT RESEARCH AROUND PATIENT ENGAGEMENT:**

Aghdaee, M, Gu, Y, Sinha, K, Parkinson, B, Sharma, R & Cutler, H 2023, 'Mapping the Patient-Reported Outcomes Measurement Information System (PROMIS-29) to EQ-5D-5L', PharmacoEconomics, vol. 41, no. 2, pp. 187-198. <u>https://doi.org/10.1007/s40273-022-01157-3</u>

Carrigan, A, Austin, E, Clay-Williams, R, Hibbert, PD, Maka, K, Holden, N, Grigg, S, Loy, G & Braithwaite, J 2023, 'Birang Daruganora: a protocol for a qualitative study to elicit Aboriginal and Torres Strait Islander community views about cultural needs and experiences for a new Australian health facility', BMJ Open, vol. 13, no. 4, e069951, pp. 1-6. <u>https://doi.org/10.1136/bmjopen-2022-069951</u>

Carrigan, A, Roberts, N, Clay-Williams, R, Hibbert, P, Austin, E, Pulido, DF, Meulenbroeks, I, Nguyen, HM, Sarkies, M, Hatem, S, Maka, K, Loy, G & Braithwaite, J 2023, 'What do consumer and providers view as important for integrated care? A qualitative study', BMC Health Services Research, vol. 23, no. 1, 11, pp. 1-11. <u>https://doi.org/10.1186/s12913-022-08997-x</u>

Chauhan, A, Newman, B, Roberto, E, Walpola, RL, Seale, H, Chin, M & Harrison, R 2023, ''Making it Meaningful': co-designing an intervention to improve medication safety for people from culturally and linguistically diverse backgrounds accessing cancer services', Patient Experience Journal, vol. 10, no. 2, pp. 34-48. <u>https://doi.org/10.35680/2372-0247.1732</u>

Chauhan, A, Newman, B, Walpola, RL, Seale, H, Manias, E, Wilson, C & Harrison, R 2022, 'Assessing the environment for engagement in health services: the Audit for Consumer Engagement (ACE) tool', Health Expectations, vol. 25, no. 6, pp. 3027-3039. <u>https://doi.org/10.1111/hex.13610</u>

Clay-Williams, R, Hibbert, P, Carrigan, A, Roberts, N, Austin, E, Fajardo-Pulido, D, Meulenbroeks, I, Nguyen, HM, Sarkies, MN, Hatem, S, Maka, K, Loy, G, Braithwaite, J. 2023 The diversity of providers' and consumers' views of virtual versus inpatient care provision: a qualitative study. BMC Health Services Research, 23, 724. doi: 10.1186/s12913-023-09715-x [https://doi.org/10.1186/s12913-023-09715-x]

Coiera, EW, Verspoor, K & Hansen, DP 2023, 'We need to chat about artificial intelligence', Medical Journal of Australia, vol. 219, no. 3, pp. 98-100. <u>https://doi.org/10.5694/mja2.51992</u>

Dammery, G, Vitangcol, K, Ansell, J, Ellis, LA, Smith, CL, Carrigan, A, Braithwaite, J & Zurynski, Y 2023, 'The Patient Activation Measure (PAM) and the pandemic: Predictors of patient activation among Australian health consumers during the COVID-19 pandemic', Health Expectations, vol. 26, no. 3, pp. 1107-1117. <u>https://doi.org/10.1111/hex.13725</u>

Do, VQ, Mitchell, R, Clay-Williams, R, Taylor, N, Ting, HP, Arnolda, G, Braithwaite, J. 2021 Safety climate, leadership and patient views associated with hip fracture care quality and clinician perceptions of hip fracture care performance. International Journal for Quality in Health Care, 33(4), mzab152. doi: 10.1093/intqhc/mzab152. [https://doi.org/10.1093/intqhc/mzab152]

Foo, D, Mahadeva, J, Lopez, F, Ellis, LA, Churruca, K, Dammery, G, Willcock, S & Braithwaite, J 2023, 'High-performing primary care: reinvigorating general practice as a learning health system', British Journal of General Practice, vol. 73, no. 726, pp. 8-9. <u>https://doi.org/10.3399/bjgp23X731505</u>



Harrison, R, She, EN, Debono, D, Chauhan, A & Newman, B 2023, 'Creating space for theory when codesigning healthcare interventions', Journal of Evaluation in Clinical Practice, vol. 29, no. 4, pp. 572-575. <u>https://doi.org/10.1111/jep.13720</u>

Huang, G, Wabe, N, Raban, MZ, Seaman, KL, Silva, SM & Westbrook, JI 2023, 'The relationship between fall incidents and place of birth in residential aged care facilities: a retrospective longitudinal cohort study', BMC Geriatrics, vol. 23, no. 1, 257, pp. 1-11. <u>https://doi.org/10.1186/s12877-023-03954-7</u>

Lamprell, K, Fajardo-Pulido, D, Arnolda, G, Owais, SS, Nic Giolla Easpaig, B, Tran, Y, Liauw, W & Braithwaite, J 2023, 'Things I need you to know: a qualitative analysis of advice-giving statements in early-onset colorectal cancer patients' personal accounts published online', BMJ Open, vol. 13, no. 3, e068073, pp. 1-9. <u>https://doi.org/10.1136/bmjopen-2022-068073</u>

Lamprell, K, Pulido, DF, Arnolda, G, Nic Giolla Easpaig, B, Tran, Y, Owais, SS, Liauw, W & Braithwaite, J 2023, 'People with early-onset colorectal cancer describe primary care barriers to timely diagnosis: a mixed-methods study of web-based patient reports in the United Kingdom, Australia and New Zealand', BMC Primary Care, vol. 24, no. 1, 12, pp. 1-12. <u>https://doi.org/10.1186/s12875-023-01967-0</u>

Lyell, D, Wang, Y, Coiera, E & Magrabi, F 2023, 'More than algorithms: an analysis of safety events involving ML-enabled medical devices reported to the FDA', Journal of the American Medical Informatics Association, vol. 30, no. 7, pp. 1227-1236. <u>https://doi.org/10.1093/jamia/ocad065</u>

Nic Giolla Easpaig, B, Ní Shé, É, Chauhan, A, Newman, B, Joseph, K, Tieu, NT & Harrison, R 2022, 'Enabling the space and conditions for co-leadership in co-design: an evaluation of co-facilitator training for culturally and linguistically diverse consumers', Public Health Research and Practice, vol. 32, no. 2, e3222214, pp. 1-8. <u>https://doi.org/10.17061/phrp3222214</u>

Owais, SS, Arnolda, G, Lamprell, K, Liauw, W, Delaney, GP, Olver, I, Karnon, J & Braithwaite, J 2023, 'Age-related experiences of colorectal cancer diagnosis: a secondary analysis of the English National Cancer Patient Experience Survey', BMJ Open Gastroenterology, vol. 10, no. 1, e001066, pp. 1-12. <u>https://doi.org/10.1136/bmjgast-2022-001066</u>

Surian, D, Wang, Y, Coiera, E & Magrabi, F 2023, 'Using automated methods to detect safety problems with health information technology: a scoping review', Journal of the American Medical Informatics Association, vol. 30, no. 2, ocac220, pp. 382-392. <u>https://doi.org/10.1093/jamia/ocac220</u>

Vizheh, M, Zurynski, Y, Braithwaite, J & Rapport, F 2023, 'The impact of migration and settlement context on Iranian Women's agency in accessing and using reproductive healthcare services in Australia: a qualitative study', Health and Place, vol. 83, 103069, pp. 1-9. <u>https://doi.org/10.1016/j.healthplace.2023.103069</u>

Vizheh, M, Zurynski, Y, Braithwaite, J, Rapport, F. 2023 The impact of migration and settlement context on Iranian Women's agency in accessing and using reproductive healthcare services in Australia: A qualitative study. Health and Place, 83: 103069. doi: 10.1016/j.healthplace.2023.103069 [https://doi.org/10.1016/j.healthplace.2023.103069]



#### AUSTRALIAN INSTITUTE OF HEALTH INNOVATION

#### **HEALTH INNOVATION SERIES – SAFETY BULLETINS:**



Prescribing an IV in an electronic medication system – What could possibly go wrong? <u>https://research-</u>

management.mq.edu.au/ws/portalfiles/portal/210189210/Publisher version open access .pdf

Caution: editing within a dose calculator can result in large dose errors

https://research-

management.mq.edu.au/ws/portalfiles/portal/210189255/Publisher version open access .pdf

Double dose trouble: systemic intranasal medication- Can you spot the problem?

https://research-

management.mq.edu.au/ws/portalfiles/portal/210189302/Publisher\_version\_open\_access\_.pdf

Preventing dangerous intraspinal injections

https://researchmanagement.mq.edu.au/ws/portalfiles/portal/214094533/Publisher\_version\_open\_access\_.pdf

Pre-operative medication frequencies matter

https://researchmanagement.mg.edu.au/ws/portalfiles/portal/214094433/Publisher\_version\_open\_access\_.pdf

Accidental prescribing of extended-release opioids

https://research-

management.mq.edu.au/ws/portalfiles/portal/217458848/Publisher\_version\_open\_access\_.pdf

Dose calculator: Missing in action!

https://researchmanagement.mq.edu.au/ws/portalfiles/portal/217458684/Publisher\_version\_open\_access\_.pdf



AUSTRALIAN INSTITUTE OF HEALTH INNOVATION

Can't find a medication in the electronic medication system? How to prevent errors and user frustration

https://research-

management.mq.edu.au/ws/portalfiles/portal/225459988/Publisher\_version\_open\_access\_.pdf

Is the rounding rule in your dose calculator causing dose errors in children?

https://research-

management.mq.edu.au/ws/portalfiles/portal/225460094/Publisher version open access .pdf

Stop! Is that weight out-of-date?: preventing dose errors in children

https://research-

management.mq.edu.au/ws/portalfiles/portal/229698749/Publisher\_version\_open\_access .pdf

Keeping staff safe when handling hazardous medication – it's not only cytotoxics that are risky

https://researchmanagement.mq.edu.au/ws/portalfiles/portal/229698724/Publisher\_version\_open\_access\_.pdf

Making order sentences work for you: search tips for prescribers

https://research-

management.mq.edu.au/ws/portalfiles/portal/254996198/Publisher\_version\_open\_access\_.pdf

First in line: optimising order sentence display reduces selection errors

https://research-

management.mq.edu.au/ws/portalfiles/portal/254996328/Publisher version open access .pdf

How free-text fields can lead to medication errors

https://researchmanagement.mq.edu.au/ws/portalfiles/portal/271571655/Publisher\_version\_open\_access\_.pdf

Default first dose times can cause deadly double doses

https://research-

management.mq.edu.au/ws/portalfiles/portal/271571845/Publisher\_version\_open\_access\_.pdf