

Publication List

Updated Dec 2024

1. **MacLachlan JH, Allard N, Tran L, Savage A, Adamson E, Price V, Pearce C, Dore GJ, Cowie BC.** Uptake of guideline-based testing for chronic viral hepatitis in Australian primary care: retrospective analysis of electronic medical record data. *Aust J Prim Health*. 2024 Dec;30:PY24143. doi:10.1071/PY24143. PMID: 39666448.
2. **Bam, K., Kilkenny, M. F., Kim, J., Cadilhac, D. A., Pearce, C., Andrew, N. E., Sanders, L., Thrift, A. G., Nelson, M. R., Gall, S., Daraganova, G., & Olaiya, M. T.** (2024). Age and sex disparities in cardiovascular risk factor management prior to stroke: Linked registry and general practice data. *Neuroepidemiology*, 10.1159/000538067. Advance online publication. <https://doi.org/10.1159/000538067>
3. **Haas, R., Gorelik, A., O'Connor, D.A., Pearce, C., Mazza, D., Bennell, K.L., Hinman, R.S. and Buchbinder, R.** (2024), Referral Patterns for People With Musculoskeletal Complaints in General Practice: An Analysis From an Australian Primary Care Database. *Arthritis Care Res.* <https://doi.org/10.1002/acr.25299>
4. **Nielsen S, Buchbinder R, Pearce C, et al.** Cohort profile: Using primary care data to understand Opioid Prescribing, Policy Impacts and Clinical Outcomes (OPPICO) in Victoria, Australia.. *BMJ Open* 2023;13:e067746. doi:10.1136/ bmjopen-2022-067746
5. **Douglas J., Winkler D., McLeod A., Oliver S., Gardner K., Supple J., Pearce C.** Primary healthcare needs and service utilisation of people with disability: a data linkage protocol. *BMJ Open* 2023;13:e068059. doi:10.1136/ bmjopen-2022-068059
6. **Shetty A., Sepulveda Kattan G., Javed M., Pearce C., Clothier H., Buttery J.** Menstrual cycle changes increased following COVID-19 mRNA vaccination: Social media validation and self-controlled case series analysis *medRxiv* 2023.10.26.23297643; doi: <https://doi.org/10.1101/2023.10.26.23297643>
7. **Haas, R., Gorelik, A., Busija, L., O'Connor, D., Pearce, C., Mazza, D., Buchbinder, R.** Prevalence and characteristics of musculoskeletal complaints in primary care: an analysis from the population level and analysis reporting (POLAR) database. *BMC Prim. Care* **24**, 40 (2023). <https://doi.org/10.1186/s12875-023-01976-z>
8. **Hardie, R.-A., Sezgin, G., Pont, L.G., Thomas, J., Prgomet, M., McGuire, P., Pearce, C., Georgiou, A.** (2023), Psychotropic medication prescribing for children and adolescents by general practitioners during the COVID-19 pandemic. *Med J Aust*, 219: 26-27. <https://doi.org/10.5694/mja2.51942>
9. **Oliver, S., Douglas, J., Winkler, D., Pearce, C., Minter, E., Karman H., Topping M.** The healthcare needs and general practice utilization of people with acquired neurological disability and complex needs: a scoping review. *Health Expect.* 2022; 1- 20. doi:10.1111/hex.13640

10. **Sawires R, Pearce C, Fahey M, Clothier H, Gardner K, Buttery J** (2022) Snotwatch COVID-toes: An ecological study of chilblains and COVID19 diagnoses in Victoria, Australia. *PLOS Glob Public Health* 2(10): e0000488. [https://doi.org/ 10.1371/journal.pgph.0000488](https://doi.org/10.1371/journal.pgph.0000488)
11. **Dai, Z., Sezgin, G., Hardie, R. A., McGuire, P., Pearce, C., McLeod, A., & Georgiou, A.** (2023). Sociodemographic determinants of telehealth utilisation in general practice during the COVID-19 pandemic in Australia. *Internal medicine journal*, 10.1111/imj.16006. Advance online publication. <https://doi.org/10.1111/imj.16006>
12. **Thomas J, Imai C, Sezgin G, Hardie R, Weeding S, Pearce C, McLeod A, McGuire P, Datta S, Li J, Wabe N, Franco G S., Dai Z, de Mel G, Gault E, Sheikh MK, Georgiou A.** (2022) A framework for conducting policy-relevant primary care research: a COVID-19 case study in Australia. *Australian Journal of Primary Health* <https://doi.org/10.1071/PY22174>
13. **Hardie R, Thomas J, Li J, Pearce C, Georgiou A.** General practice perspective on the use of telehealth during the COVID-19 pandemic in Australia using an Action Research approach: a qualitative study *BMJ Open* 2022;12:e063179. doi: 10.1136/bmjopen-2022-063179
14. **Imai C, Amin J, Prgommet M, Pearce C, Georgiou A** An Increase in Antibiotic Prescribing for Respiratory Tract Infections Through Telehealth Consultations: Retrospective Study in Australian General Practice *J Med Internet Res* 2022;24(10):e40876 DOI: 10.2196/40876
15. **Chisato Imai, Judith Thomas, Rae-Anne Hardie, Christopher Pearce, Tony Badrick, Andrew Georgiou** Telehealth use in patients with type 2 diabetes in Australian general practice during the COVID-19 pandemic: a retrospective cohort study *BJGP Open* 31 May 2022; BJGPO.2021.0200. DOI: 10.3399/BJGPO.2021.0200
16. **Haas, R., Busija, L., Gorelik, A., O'Connor, D., Pearce, C., Mazza, D., Buchbinder, R.** Patterns of care for people presenting to Australian general practice with musculoskeletal complaints based on routinely collected data: protocol for an observational cohort study using the Population Level Analysis and Reporting (POLAR) database *BMJ Open* 2021;11:e055528. doi: 10.1136/bmjopen-2021-055528
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18. **Olaiya M, Kim J, Pearce C, Bam K, Cadilhac DA, Andrew N, Lauren Sanders, et al.** Quality of Care and One-Year Outcomes in Patients with Diabetes Hospitalised for Stroke or TIA: A Linked Registry Study Olaiya, Muideen T. et al. *Journal of Stroke and Cerebrovascular Diseases*, Volume 30, Issue 11, 106083
19. **Andrew Georgiou, Julie Li, Christopher Pearce, Adam McLeod et al.** COVID-19 – Protocol for Observational Studies Utilising Near Real-Time Electronic Australian General Practice Data to Promote Effective Care and Best-Practice Policy – A Design Thinking Approach, 13 January 2021, PREPRINT (Version 1) available at Research Square [<https://doi.org/10.21203/rs.3.rs-142622/v1>]
20. **Christopher Pearce, Adam McLeod, Natalie Rinehart, Anna Fragkoudi.** Clinical Artificial Intelligence - Technology Application or Change Management. Chapter 8, pp163, in Reddy S, *Artificial Intelligence, Applications in Healthcare Delivery*.2021

21. **Franco, G.S., Hardie, R.-A., Li, L., Imai, C., Sezgin, G., Li, J., McLeod, A., Pearce, C. and Georgiou, A.** (2021), Prostate-specific antigen testing of asymptomatic men in Australia: an observational study based on electronic general practice data. *Med J Aust.* <https://doi.org/10.5694/mja2.51147>
22. **Sezgin G, Li L, Westbrook J, Wearne E, Azar D, McLeod A, Pearce C, Ignjatovic V, Monagle P, Georgiou A.** Influence of serum iron test results on the diagnosis of iron deficiency in children: a retrospective observational study. *BMJ Open.* 2021 Jul 5;11(7):e046865. doi: 10.1136/bmjopen-2020-046865. PMID: 34226221; PMCID: PMC8258555.
23. **Khalil H, Garrett M, Byrne A, Poon P, Gardner K, Azar D, Craig L, Karimi L.** Mapping end-of-life and anticipatory medications in palliative care patients using a longitudinal general practice database. *Palliat Support Care.* 2021 Mar 10:1-7. doi: 10.1017/S1478951521000092. Epub ahead of print. PMID: 33750494.
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25. **Wabe N, Thomas J, Hardie R-A, Dai Z, Imai C, Sezgin G, Li J, Georgiou A.** Changes in medication prescribing in general practice during the COVID-19 pandemic. *General Practice Snapshot. Issue 6: 12 May 2021.* Sydney: Macquarie University. <https://doi.org/10.25949/zpw2-wj80>
26. **Imai C, Hardie R-A, Thomas J, Wabe N, Georgiou A.** The impact of the COVID-19 pandemic on general practice-based HbA1c monitoring in type 2 diabetes. *General Practice Snapshot. Issue 5: 31 March 2021.* Sydney: Macquarie University. <https://doi.org/10.25949/Q9BE-BJ06>
27. **Dai Z, Franco G S, Datta S, McGuire P, Li J and Georgiou A.** The impact of the COVID-19 pandemic on general practice consultations in residential aged care facilities. *General Practice Snapshot. Issue 4: 31 March 2021.* Sydney: Macquarie University. <https://doi.org/10.25949/71JM-QG60>
28. **Imai C, Li L, Hardie RA, Georgiou A.** Adherence to guideline-recommended HbA1c testing frequency and better outcomes in patients with type 2 diabetes: a 5-year retrospective cohort study in Australian general practice. *BMJ Qual Saf.* 2021 Feb 4; bmjqs-2020-012026. doi: 10.1136/bmjqs-2020-012026. Epub ahead of print. PMID: 33542066.
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30. **Hardie R-A, Sezgin G, Dai Z, Wabe N, Georgiou A.** Socioeconomic and demographic comparisons in the uptake of telehealth services during COVID-19. *COVID-19 General Practice Snapshot. Issue 2: 22 January 2021.* Sydney: Macquarie University; 2021. <https://doi.org/10.25949/YYH4-3T30>

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32. **Hardie R-A, Sezgin G, Dai Z, Georgiou A.** The uptake of GP telehealth services during the COVID-19 pandemic. *COVID-19 General Practice Snapshot. Issue 1: 2 December 2020*. Sydney: Macquarie University; 2020. <https://doi.org/10.25949/C3HE-F430>
33. **Imai C, Hardie R, Franco G, Sezgin G, Tepper T, McLeod A, Pearce C, Westbrook J, Georgiou A.** Harnessing the potential of electronic general practice pathology data in Australia: An examination of the quality use of pathology for type 2 diabetes patients. *International Journal of Medical Informatics*. Volume 141, 2020, 104189.
34. **Pearce CM, McLeod A, Rinehart N, Ferrigi J, Shearer M.** What a Comprehensive, Integrated Data Strategy Looks Like: The Population Level Analysis and Reporting (POLAR) Program. *Stud Health Technol Inform*. 2019 Aug 21;264:303–7.
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38. **Yan J, Hawes L, Turner LR, Mazza D, Pearce C, Buttery J.** Antimicrobial prescribing for children in primary care. *J Paediatr Child Health*. 2018 Jul 24.
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41. **Turner LR, Cicuttini F, Pearce C, Mazza D** Cardiovascular disease screening in general practice: General practitioner recording of common risk factors. *Prev Med*. 2017;99:282-5
42. **Mazza D, Pearce C, Joe A, Turner LR, Brijnath B, Browning C** et al. Emergency department utilisation by older people in metropolitan Melbourne, 2008/12: findings from the Reducing Older Patient. *Aust Health Rev*. 2017.
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47. **Pearce CM, Bartlett J, McLeod A, Eustace P, Amos R, Shearer M** Effectiveness of local support for the adoption of a national programme--a descriptive study. *Informatics in primary care*. 2014;21(4):171-8.
48. **Liaw ST, Pearce CM, Liyanage H, Liaw GSS, de Lusignan S** An integrated organisation-wide data quality management and information governance framework: theoretical underpinnings. *Informatics in primary care*. 2014;21(4):199-206.
49. **Gardner K, Mazza D** Quality in general practice: Definitions and frameworks. *Australian Family Physician*. 2012;41(3):151-154
50. **Pearce CM, Shearer M, Gardner K, Kelly J, Xu TB** GP Networks as enablers of quality of care: implementing a practice engagement framework in a General Practice Network. *Australian Journal of Primary Health*. 2012;18(2):101-4.
51. **Pearce CM, Shearer M, Gardner K, Kelly J** A division's worth of data. 2011 Mar;40(3):167-70.
52. **McLeod A, Shearer M, Taylor M**. How to use a case manager-A partnership approach January 2009 *Australian Family Physician* 34(1-2):69-71. McLeod A, Shearer M, Taylor M. How to use a case manager-A partnership approach January 2009 *Australian Family Physician* 34(1-2):69-71

COVID-19 Insight Series – Whitepaper

In partnership with PHNs, POLAR has produced a series of papers examining the impact of the pandemic on general practice activity. While not intended for publication in its current form, the [papers](#) present a crucial and near real-time view of the general practice perspective during the pandemic.