

Implementation Models, Theories & Frameworks

Integrated Promoting Action on Research Implementation in Health Services Framework (i-PARIHS)

The i-PARIHS is a theoretical framework that describes implementation as a dynamic process shaped by interactions between the innovation, recipients, and contextual factors, with a specific focus on facilitation as an essential component for enabling change in healthcare practices.

Type

Determinant Framework

Purpose

The i-PARIHS framework is used to identify barriers and enablers related to the innovation, recipients, and context, to guide development of tailored strategies to support effective implementation.

Elements

- **Innovation (I)**: The evidence-based practice or intervention being implemented.
- **Recipients (R)**: Individuals or groups expected to adopt or use the innovation.
- **Context (C)**: The organisational, cultural, and systemic environments where implementation occurs.
- **Facilitation (Fac n)**: The role of facilitators who link innovation, recipients, and context to achieve successful implementation.

Use with

Consolidated Framework for Implementation Research (CFIR)

Normalisation Process Theory (NPT)

Strengths and Limitations

STRENGTHS

- Adaptable to varied healthcare environments and supports culturally and locally appropriate implementation strategies.
- Strong focus on facilitation promotes engagement, collaboration, and sustainable practice change.

LIMITATIONS

- Retrospective use may impact effectiveness.
- Requires skilled facilitators, which can be challenging in settings with limited resources or workforce capacity.

See it in practice



[Experiences of using the i-PARIHS framework: a co-designed case study of four multi-site implementation projects \(Hunter et al., 2020\).](#)



[Using i-PARIHS to assess implementation of the Surgical Safety Checklist: an international qualitative study \(Elam et al., 2022\).](#)



[Use of the i-PARIHS framework in nutrition and dietetics research and practice: a citation analysis of the literature and case studies \(Young et al., 2025\).](#)

Find out more



[The i-PARIHS Framework: What it is and how it can be used to guide implementation](#)



[Implementation and process evaluation using a implementation framework](#)



[Mi-PARIHS \(Flinders University\)](#)



[PARIHS revisited: from heuristic to integrated framework for the successful implementation of knowledge into practice](#)

References

- Duan, Y., Iaconi, A., Wang, J., Perez, J., Song, Y., Chamberlain, S., ... & Berta, W. (2022). Conceptual and relational advances of the PARIHS and i-PARIHS frameworks over the last decade: a critical interpretive synthesis. *Implementation Science*, 17(1). <https://doi.org/10.1186/s13012-022-01254-z>
- Elam, M., Louis, C., Brindle, M., Woodson, J., & Greece, J. (2022). Using i-PARIHS to assess implementation of the surgical safety checklist: an international qualitative study. *BMC Health Services Research*, 22(1). <https://doi.org/10.1186/s12913-022-08680-1>
- Hunter, S., Kim, B., & Kitson, A. (2020). Interactive workshop to develop implementation framework (i-PARIHS) resources to support practice facilitation. *Implementation Science Communications*, 1(1). <https://doi.org/10.1186/s43058-020-00046-0>
- Hunter, S., Kim, B., Mudge, A., Hall, L., Young, A., McRae, P., ... & Kitson, A. (2020). Experiences of using the i-PARIHS framework: a co-designed case study of four multi-site implementation projects. *BMC Health Services Research*, 20(1). <https://doi.org/10.1186/s12913-020-05354-8>
- Laycock, A., Harvey, G., Percival, N., Cunningham, F., Bailie, J., Matthews, V., ... & Bailie, R. (2018). Application of the i-PARIHS framework for enhancing understanding of interactive dissemination to achieve wide-scale improvement in indigenous primary healthcare. *Health Research Policy and Systems*, 16(1). <https://doi.org/10.1186/s12961-018-0392-z>
- Mudge, A., McRae, P., Young, A., Blackberry, I., Lee-Steere, K., Barrimore, S., ... & Harvey, G. (2023). Implementing a ward-based programme to improve care for older inpatients: process evaluation of the cluster randomised cherish trial. *BMC Health Services Research*, 23(1). <https://doi.org/10.1186/s12913-023-09659-2>
- Nyholm, L., Gunningberg, L., & Jangland, E. (2024). Is this to be another project that fizzles out? Using the i-PARIHS framework to evaluate implementation of a mentoring programme. *Journal of Advanced Nursing*, 81(11), 7116-7127. <https://doi.org/10.1111/jan.16041>
- Olmos-Ochoa, T., Ganz, D., Barnard, J., Penney, L., Finley, E., Brown, A., ... & Chawla, N. (2021). Sustaining implementation facilitation: a model for facilitator resilience. *Implementation Science Communications*, 2(1). <https://doi.org/10.1186/s43058-021-00171-4>
- Rycroft-Malone, J., Seers, K., Chandler, J., Hawkes, C., Crichton, N., Allen, C., ... & Strunin, L. (2013). The role of evidence, context, and facilitation in an implementation trial: implications for the development of the PARIHS framework. *Implementation Science*, 8(1). <https://doi.org/10.1186/1748-5908-8-28>
- Swindle, T., McBride, N., Selig, J., Johnson, S., Whiteside-Mansell, L., Martin, J., ... & Curran, G. (2021). Stakeholder selected strategies for obesity prevention in childcare: results from a small-scale cluster randomized hybrid type III trial. *Implementation Science*, 16(1). <https://doi.org/10.1186/s13012-021-01119-x>
- Wallis, M., Craswell, A., Marsden, E., & Taylor, A. (2021). Establishing the geriatric emergency department intervention in Queensland emergency departments: a qualitative implementation study using the i-PARIHS model. <https://doi.org/10.21203/rs.3.rs-779354/v1>