Integrating clinical outcome assessments, patient preferences, and digital health technologies to advance patient-centred care: a landscape analysis

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FACTS & FIGURES

Duration:	Nov 2025 - Oct 2030
IHI funding:	12,599,999 €
Industry contribution:	9,652,172 €
Contributing partners:	3,926,770 €
Total Cost:	26,178,941 €
Project website:	https://www.unified-project.eu/
Social media:	https://www.linkedin.com/company/ihi-unified

CHALLENGE

The IHI UNIFIED project aims to develop a harmonised framework integrating patient preference information (PPIs), clinical outcomes assessments (COAs), and digital health technology measures (DHT-Ms) to support patient-centred healthcare decisions.

The integration of COAs, and DHT-Ms data remains fragmented across healthcare settings and disease areas. The challenge is to bridge differences in clinical workflows, data maturity, and existing practices, while identifying common domains that can provide the foundation for a shared, consensus-based framework supporting patient-centred and evidence-informed care.

APPROACH & METHODOLOGY

A structured landscape analysis was conducted across clinical areas represented by the UNIFIED use cases (Fig. 1). COAs, DHT-Ms, PPIs, and care pathways were mapped and compared to identify common domains, gaps, and opportunities for harmonisation.

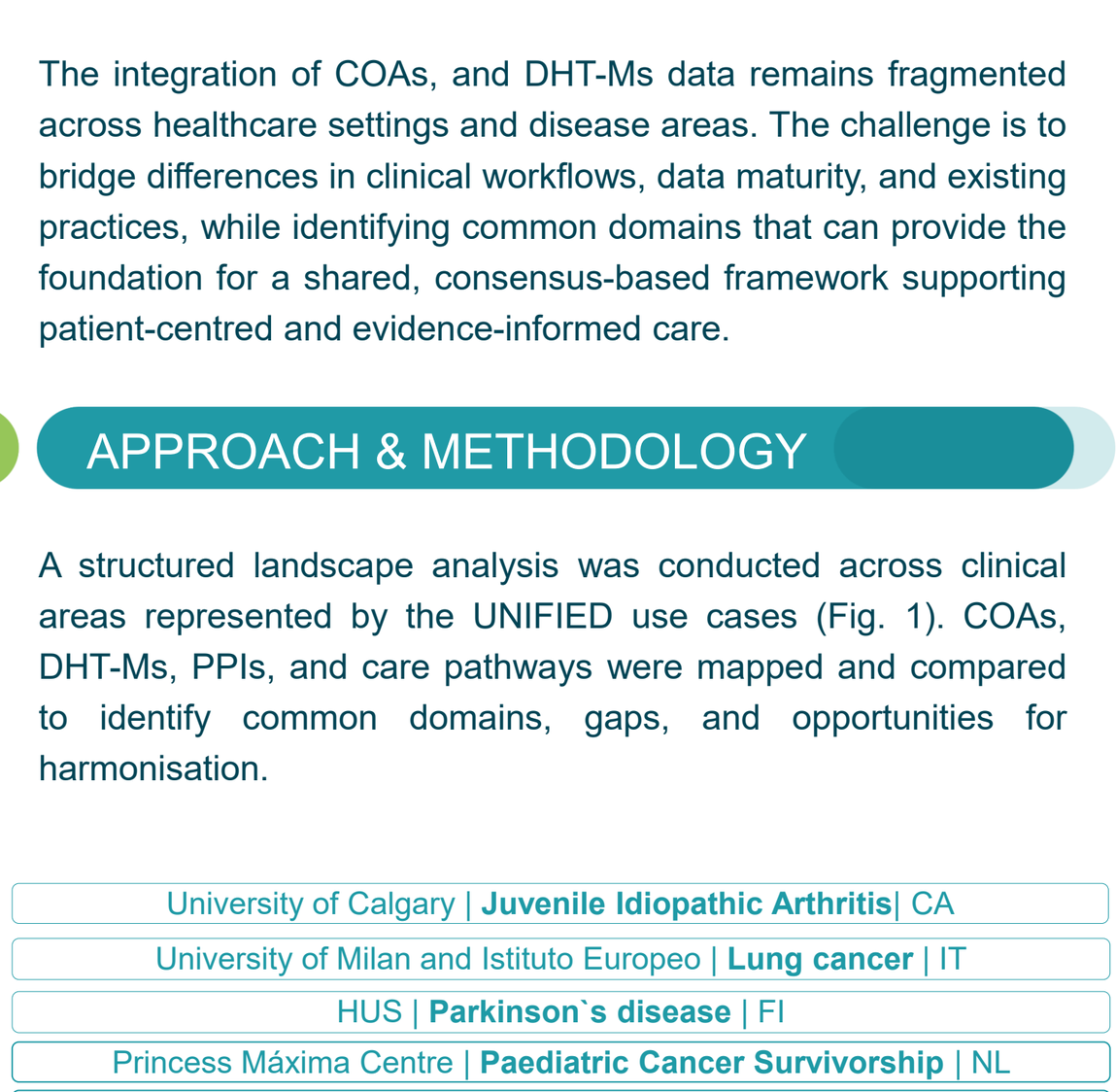


Fig. 1: Methodology for the landscape analysis

RESULTS

The landscape analysis revealed substantial overlap across diverse clinical settings despite differences in disease areas and care pathways. Common domains included symptoms, physical functioning, fatigue/sleep, psychological burden, health-related quality of life (HRQoL), and patient experiences (Fig. 2). These findings provide an early foundation for integrating evidence from COAs, PPI, and DHT-Ms across disease areas and are informing the finalisation of the UNIFIED use case protocols and data architecture.

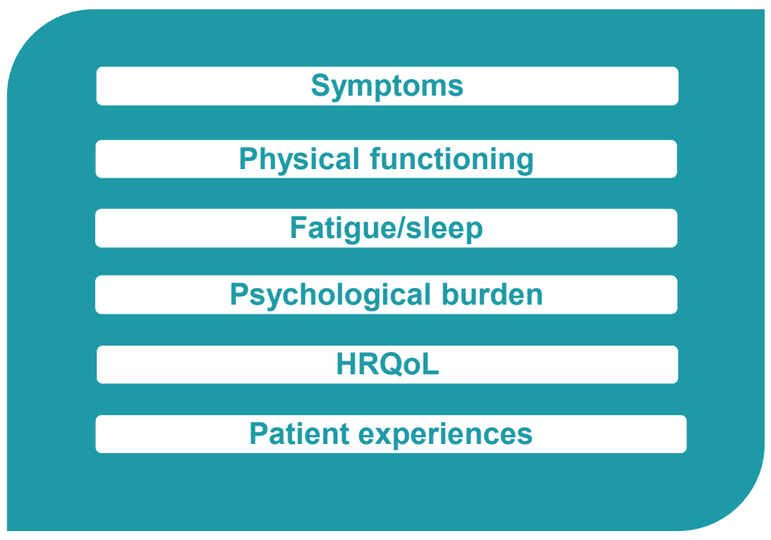


Fig. 2: Common domains identified across clinical areas

VALUE OF IHI COLLABORATION

The IHI public-private partnership brings together academic, clinical, industry, patient, and regulatory perspectives, as well as HTA bodies, that would otherwise remain largely separate. This cross-sector collaboration enables UNIFIED to identify shared needs across diverse healthcare settings, align approaches to integrate COA, PPI, and DHT-M, and co-create a scalable, consensus-based framework beyond the reach of any single organisation (Fig 3).

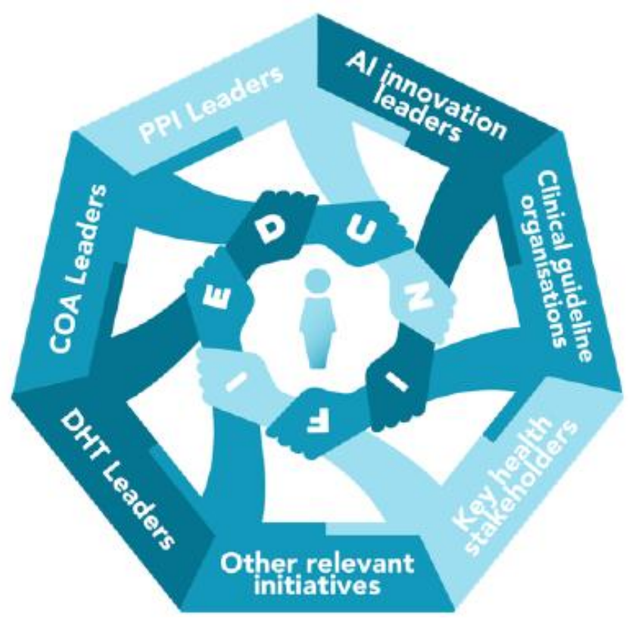


Fig. 3: Unifying expertise

CAREER IMPACT

Being part of IHI UNIFIED strengthens the ability to coordinate research across diverse clinical use cases and translate different clinical and stakeholder perspectives into harmonised research practices. Cross-use-case harmonisation and the integration of patient preferences, clinical outcomes, and digital health data provide practical experience in co-creating patient-centred research within an international public-private partnership.

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