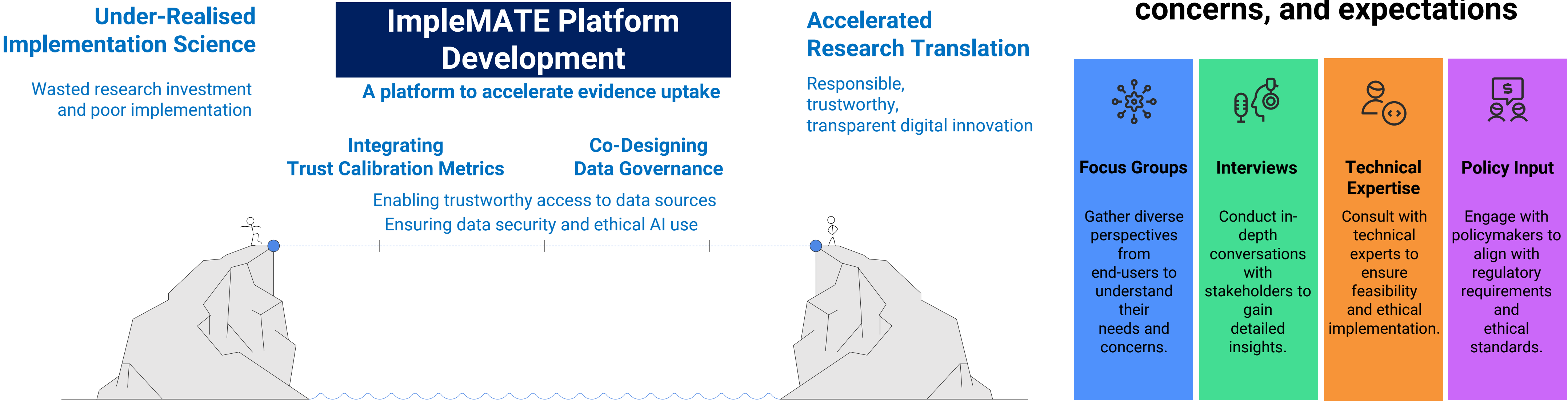
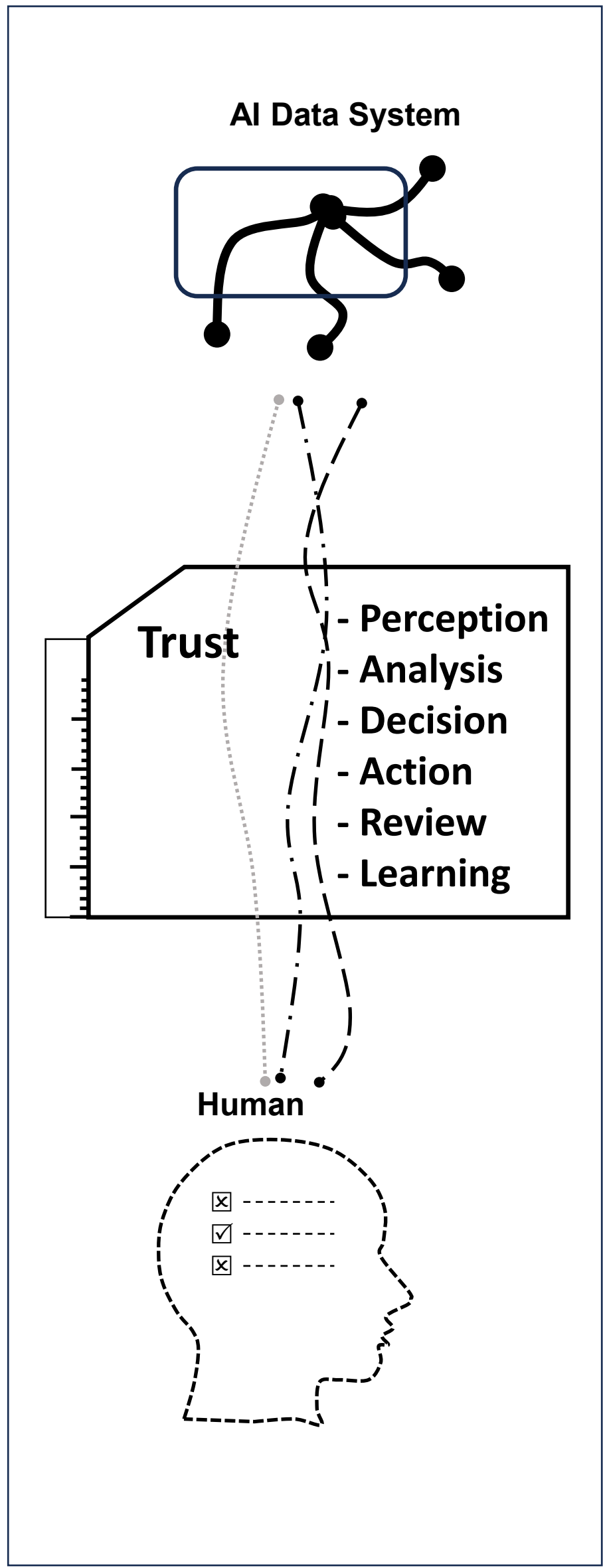
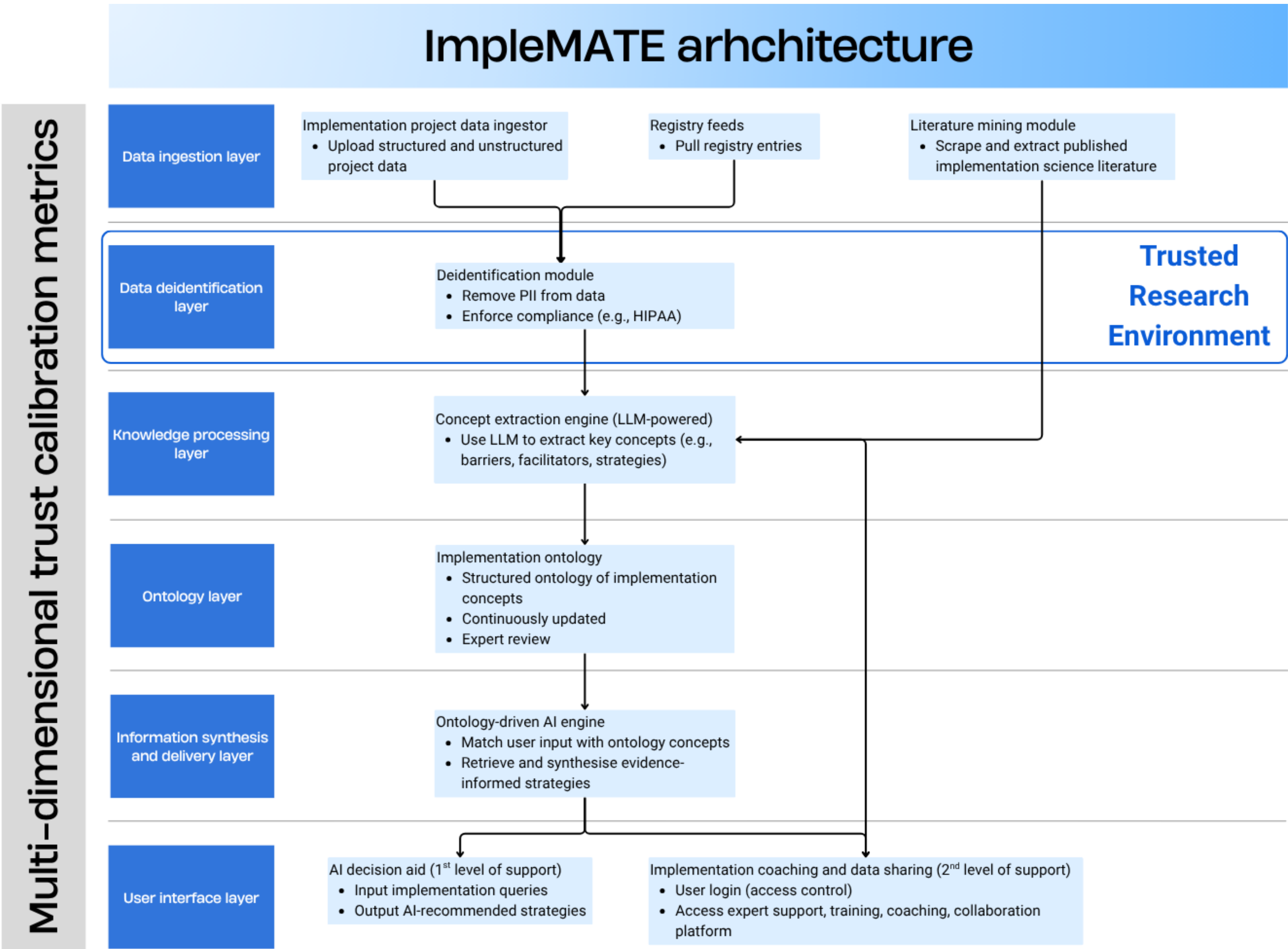


Developing a platform to support trusted, secure, and responsible AI use in ImpleMATE:
Combining ImpleMentation and dATa sciences to advance the speed of evidence integration
into hEalthcare Systems

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Bridging the Evidence-to-Practice Gap



User Scenario

Type of user	Requirement	1 st level of support – Query for implementation challenge	2 nd level of support – Comprehensive implementation support	1st level of support	2nd level of support
Hospital cardiac department manager	To identify the <u>most effective strategies</u> for implementing remote pulse oximetry.	What are the <u>optimal strategies</u> to implement remote pulse oximetry, and what <u>key barriers</u> hinder patient adoption?	Interacts with ImpleMATE for guided implementation support as part of a continued professional development project.	• Users input implementation queries • Receive evidence-based implementation strategies	A central hub for implementation professionals and clients to: • Log in • Receive communications • Coordinate with implementation project support for training and coaching • Upload data (e.g., process mapping, focus group data, implementation cost data, health system outcomes)
NSW hospital CEOs and change management team	To <u>scale and evaluate a precision oncology clinic</u> in routine healthcare.	How can we <u>effectively integrate</u> a precision oncology clinic into <u>existing workflows</u> to improve patient outcomes in hospital settings?	• Change mangers receive ImpleMATE support to collect context specific data. • Provide analysis on operational changes, resource allocations, and policy amendments. • Support to develop strategies.		
Research team	Understand evidence to introduce <u>whole-body MRI cancer screening</u> in Li-Fraumeni Syndrome.	<u>How effective</u> is whole-body MRI screening, and <u>what behavior changes</u> are needed to support its implementation?	ImpleMATE-guided structured data collection to enable analysis and evaluation.		
Department of Health and Aged Care	To run a national campaign to <u>promote HPV self-collection in rural and remote settings</u> .	What <u>contextual and cultural factors</u> influence the successful implementation of HPV self-collection in rural and remote settings?	• Campaign staff to get ImpleMATE training to collect context specific data. • Co-design strategies with ImpleMATE coaching team.		

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