Prioritised research project summary
NSW SDPR Implementation Research Workshop

<table>
<tr><td rowspan="2">Rank 1</td><td colspan="2">Theme 2:
The Single Digital Patient Record as a tool to enable a learning health system (LHS)</td></tr>
<tr><td colspan="2">Project title:
Actioning the SDPR to enable a learning health system across NSW Health</td></tr>
<tr><td>The implementation problem
The SDPR creates new opportunities to learn continuously across NSW Health, but realising a LHS is novel.
To establish and use a LHS through the SDPR, we will need to explore and understand data sharing and permissions, integration of AI, primary vs secondary use of data, de-implementation of interventions, the continuum between primary and secondary care, and the workforce and infrastructure preparedness required for an LHS.</td><td>Research question and aim
How do we action the SDPR to enable an LHS across NSW Health:
What do we need to do to effectively establish an LHS?
How do we implement, scale and evaluate an LHS?
How can we establish appropriate governance, ethics processes, and obtain consent?
Output: a blueprint, tools and resources, drawing on external experience and a learning culture.</td></tr>
<tr><td>Methods, data and feasibility
Phase 1: systematic review of EMR use, desktop review, and consultation (including consumers) to build a framework/blueprint.
Phase 2: develop implementation strategies, preparedness toolkit, data/governance and ethics strategy, business case and health-economic evaluation.
Phase 3: pilots with implementation evaluation and a feedback loop.
Phase 4: scale and sustain.</td><td>Impact and alignment to health system priorities
Directly aligns with the NSW Health strategy; supports a thriving research ecosystem, open-access policy and place-based organisations; and increases research competitiveness.
Should hold a specific focus on equity across diverse populations and settings.</td></tr>
<tr><td>Target funding schemes
Partnership grant (requires pre-funding); national initiatives such as ARDC and AHDEN</td><td>Team and partners
Cancer Institute NSW, health pillars (incl. ACI), RCTs, EPIC, HETI and Health Consumers NSW.</td></tr>
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