Prioritised research project summary
NSW SDPR Implementation Research Workshop

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<tr><td rowspan="2">Rank 2</td><td>Theme 7:
Optimisation and implementation of the Single Digital Patient Record to improve patient outcomes</td></tr>
<tr><td>Project title:
Understanding what drives patient-outcome improvements through the SDPR implementation</td></tr>
<tr><td>The implementation problem
We don't know which factors drive improvements in patient outcomes, or how the way the SDPR is implemented and used (its implementation outcomes) relates to those gains.
Worked example in oncology: signals such as reported side-effects are not currently linked across the record.</td><td>Research question and aim
What are the factors that drive improvements in patient outcomes?
How is the SDPR used, by whom (patients and clinicians) and why or why not?
Can we move beyond existing outcome measures and link existing data to better understand patient care, efficacy and causal relationships?</td></tr>
<tr><td>Methods, data and feasibility
Realist evaluation with qualitative and mechanism-of-change methods, plus observations, human-factors and quantitative analysis.
Focus areas: oncology, medication errors and workarounds.</td><td>Impact and alignment to health system priorities
Accelerates and improves the efficacy of existing tests and treatments, increases patient-centred care, strengthens quality improvement capability, and enables the system respond to patient needs more promptly.
Supports an LHS and prevents avoidable harm.</td></tr>
<tr><td>Target funding schemes
Seed funding (Sydney Health Partners), Ministry of Health, NHMRC.</td><td>Team and partners
Consumers and Health Consumers NSW, researchers, clinicians using the system (hospital and community), the SDPR Implementation Authority, SHP and the NSW Health Pillars.</td></tr>
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