Prioritised research project summary
NSW SDPR Implementation Research Workshop

<table>
<tr><td rowspan="2">Rank 7</td><td colspan="2">Theme 4:
The influence of the SDPR on health service and system outcomes and the care delivered at the bedside</td></tr>
<tr><td colspan="2">Project title:
Measuring the bedside impact of SDPR implementation on clinicians, safety and workforce</td></tr>
<tr><td>Implementation problem
Care at the bedside is hard to define and measure, and when data systems are designed to capture data, they aren’t always used which impacts data quality.
Clinicians face barriers to implementing new systems like the SDPR.
Introducing a new system is known to reduce safety and increase incidents in the short term, and to take a real toll on staff through burnout and attrition, so the system needs to be prepared for how tough the transition will be on people.</td><td>Research question and aim
How do we measure care at the bedside, and the impact of SDPR implementation on it — including clinician barriers to adopting new systems, the expected dip in safety and rise in incidents, and workforce burnout and attrition?
Aim: to understand and measure these effects so the system can be prepared for the transition.
Worked example: using the SDPR to identify patients at risk of readmission and support the pathway from ED to GP (referral, discharge summary, service linkage).</td></tr>
<tr><td>Methods, data, feasibility
Mixed methods — interrupted time-series analysis (e.g. safety and incident rates before and after go-live), patient surveys, and capability/programme evaluation.
Feasibility depends on improving data quality and addressing missing data, however that could be a key indicator and measure of any evaluation (i.e., does the SDPR improve data quality).</td><td>Impact & alignment to system priorities
Aligns with the move towards between value-based health care.
By anticipating the safety dip and workforce impact of a new-system rollout, the project aims to protect patient safety through the transition, support workforce sustainability, and reduce avoidable outcomes such as readmission.</td></tr>
<tr><td>Target funding schemes
HCF grants and other health services research funding pools, NHMRC, MRFF etc.</td><td>Team and partners
PHNs, e-health NSW, consumers and LHDs</td></tr>
</table>