

Appendix 10: Semi-structured Interview Questions

Intervention characteristics

1. In thinking about the ABC initiative, what did you like about it and what were some challenges you faced? What things would have to change and what would you keep the same? [probes]
 - a. Its development, validity, and relative advantage over old approaches.
 - b. The ability of the intervention to be adapted or refined to meet the site's individual needs.
 - c. The duration, scope, or disruptiveness.
 - d. Quality of the QI education and benchmarking.
 - e. Format of the care bundles.
 - f. Quality of the centralized collaboration meetings.
 - g. Costs associated with implementation (investment, supply, opportunity costs).

Outer setting [external to AHS]:

2. How does/has the Alberta Collaborative Quality Improvement (QI) initiative affect/affected patient care and outcomes? Are there any other organizations or factors outside AHS that might be influencing this initiative? [probes]
 - a. Patients' needs, parent perception.
 - b. What do you know about other organizations that have implemented similar QI initiatives?
 - c. Do you think EPIQ provides an advantage to your NICU compared to other NICUs?

Inner setting

3. All units are unique, what are some of the characteristics in your unit that influence the initiatives?
 - a. What facilitated the implementation Alberta Collaborative Quality Improvement (QI) initiative at your site (or zone)? [probes]
 - i. Relationships (colleagues, supervisors, teams), communication (formal and informal), climate/culture, engagement, relative priority, and readiness.
 - b. What were some barriers to the implementation Alberta Collaborative Quality Improvement (QI) initiative at your site (or zone)? [probes]
 - i. Relationships (colleagues, supervisors, teams), communication (formal and informal), climate/culture, engagement, relative priority, and readiness.
4. In AHS, to what extent is the need for QI recognized and prioritized? What would AHS need to do if they were going to implement this approach for other care bundles?

Individual characteristics

5. In thinking about the intervention, in general, how receptive are staff in implementing new things, and how receptive were staff in implementing ABC-QI? [probes]
 - a. Confidence, change readiness, knowledge/beliefs, and commitment to change.

Process

6. Tell me a bit about the implementations? What processes did you use to implement ABC-QI? What were the challenges? What worked? [probes]
 - a. Planning and quality of methods.
 - b. Engagement and education.
 - c. Execution of interventions.
 - d. Receiving feedback and evaluating progress.