

CPQCC QI Collaborative Engagement Strategy & Predictors

Predictors of Successful Collaborative Engagement

1. **Past collaborative participation:** previous experience equip teams with experience, skills, motivation and resources necessary to engage successfully in future initiatives, making it a reliable predictor of ongoing success in QI efforts.
 - a. experience and familiarity, established QI culture, proven commitment, skill development, positive outcomes and motivation, networking and collaboration, & organizational learning, benchmarking and continuous CQI
2. **Leadership Support:** Strong, visible support from NICU leadership is crucial. Leaders who prioritize quality improvement and allocate resources (time, staff, budget) for QI initiatives significantly enhance engagement and outcomes.
3. **Team Composition and Stability:** Having a dedicated and stable multidisciplinary team, including clinicians, nurses, and QI specialists, fosters consistency in efforts and facilitates deeper engagement. Teams that include members with QI experience or training tend to be more successful.
4. **Clear Goals and Alignment with Institutional Priorities:** When the collaborative's goals align closely with the NICU's strategic objectives, teams are more likely to stay engaged and committed. Clarity in goals also helps in maintaining focus and direction.
5. **Data-Driven Culture:** NICUs that regularly use data to drive decision-making are often more engaged in QI Collaboratives. Access to accurate and timely data helps teams track progress, identify areas for improvement, and sustain momentum.
6. **Communication and Collaboration:** Effective communication within the NICU team and with external partners (such as CPQCC) promotes shared understanding and coordinated efforts. Collaboratives that encourage open dialogue, regular updates, and peer learning typically see higher levels of engagement.
7. **Supportive Infrastructure:** The presence of infrastructure that supports QI activities—such as access to QI tools, training, and technology—can predict successful engagement. This includes the availability of time for team members to participate in collaborative activities.
8. **Family-Centered Care Focus:** NICUs that emphasize family-centered care are often more engaged in QI initiatives that seek to improve patient and family outcomes. Involvement of families in the QI process can also serve as a motivating factor for teams.
9. **Recognition and Rewards:** Providing recognition for team efforts and achievements in QI can boost morale and sustain engagement. This could be through formal awards, public acknowledgment, or other incentives.
10. **Adaptability and Resilience:** Teams that can adapt to changing circumstances, such as shifts in project scope or unexpected challenges, tend to remain engaged and make progress despite setbacks.
11. **Peer Support and Networking:** Opportunities for networking with other NICUs participating in the QI Collaborative can provide motivation and shared learning experiences, enhancing overall engagement.

CPQCC QI Collaborative Engagement Strategies

1. Team Participation and Engagement

- **Measure:** Track attendance and participation rates in key learning sessions, such as QI collaborative workshops, webinars, and coaching calls.
- **IHI Tool: Project Planning Form** and **PDSA (Plan-Do-Study-Act) Worksheet** can be used to monitor and engage teams in continuous improvement cycles.

2. Improvement Data Collection

- **Measure:** Percentage of NICU teams submitting timely data and progress reports.
- **IHI Tool: Measures Dashboard** – IHI recommends having a clear visual dashboard that displays each team's performance on key measures over time, encouraging engagement by making data accessible and actionable.

3. Parent and Family Involvement in NICU QI

- **Measure:** Number of NICU teams that have implemented family advisory councils, include a family lead on QI team or incorporated parent perspectives into their QI projects.
- **IHI Tool: Driver Diagrams** can help teams map out how engaging parents can be a driver for better NICU outcomes, and **Experience-Based Design (EBD)** tools ensure that family voices are central.

4. Cross-NICU Collaboration

- **Measure:** Frequency and quality of cross-NICU collaborations and shared learning, such as peer mentoring or shared best practices.
- **IHI Tool: Collaborative Model for Achieving Breakthrough Improvement** – This tool fosters shared learning and helps track and manage the degree to which teams collaborate across sites.

5. Sustainability of Improvement Efforts

- **Measure:** Number of QI changes sustained 6 months post-collaborative.
- **IHI Tool: Sustainability Planning Tools** help teams assess which improvements are likely to be sustained and plan how to maintain them over time.