



# National Pediatric Cardiology Quality Improvement Collaborative Path 3 Network Wide Improvement Project Process Overview

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**Path 3 Network Wide Improvement Project Definition:** A Network sponsored, multi-center, rigorous improvement project that aligns with the overall mission and vision of NPC-QIC and specifically aligns to the System Level Key Driver Diagram AIMS.

**Aim:** To improve network level outcomes through formally engaging sites and applying QI methodology.

## High Level Application Timeline

- a. November - call for proposals will be communicated to NPC-QIC participating centers
- b. December - NPC-QIC project team will aggregate materials and follow-up with those who submitted a proposal with clarifying questions
- c. January – ELT and Phase II Leaders will evaluate proposals and make selections
- d. February – June – project launch will be staggered throughout the year

## Call for Proposals

- a. Yearly call for proposals communicated via Newsletter, Action Period calls, social media and Sharepoint.
- b. Projects will be supported for up to two years. After two years, projects will be re-evaluated to determine if continued support is needed.

## Project Generation

- a. Ideas can come from anyone, anytime, anywhere
- b. Application Process
  - i. Complete “Path 3 Network Wide Improvement Project Intake Form” found on Sharepoint.
  - ii. Executive Leadership Team (ELT) and Phase II Leaders review (Accept for support / Ask to revise / Decline)
  - iii. Applicant presents to ELT and Phase II Leaders
  - iv. ELT and Phase II evaluate as part of annual strategic planning process (Accept for support / Ask to revise / Decline)
  - v. If accepted for support, project assigned a Phase II Leader Sponsor

## Design Phase

- a. Project sponsor: Phase II Leader
- b. Project co-leaders: a team of 1-4 multidisciplinary (at least one physician and parent), passionate leaders to guide the project.
  - a. Leader(s) may indicate if they would like to be a project co-leader on application along with recommendations for other leaders.
  - b. If person submitting application does not want to be a co-leader, NPC-QIC will put a call out for leaders in the NPC-QIC newsletter and Phase II Leaders will make the selections.
- c. Team: 6-10 Subject Matter Experts (SMEs) chosen by project co-leaders



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- d. Design process:
  - vi. SMEs complete site-specific pre-work to guide discussions for the design meeting
  - vii. Design Meeting: meet for 3-6 hours over 1-2 days to accomplish the deliverables listed below
- e. Deliverables
  - i. Key Driver Diagram
  - ii. Charter
  - iii. AIMS
  - iv. Family of Measures
    - i. Includes data discovery and potential interventions around health disparities for each project
  - v. Improvement Theory
  - vi. Improvement Strategy
  - vii. Data Collection Approach
- f. Invite Centers to Participate in Learning Cohort

### Learning Cohort

- a. Team: 5-15 Centers (*Centers opt-in to this cohort, number may vary*)
- b. Invitation packet is sent to all NPC-QIC centers to recruit volunteers for learning cohort
- c. Team Commitment and Expectations
  - i. Dedicated center team
  - ii. Monthly data submission including outcomes and potential process measures
  - iii. Actively test interventions to increase reliability
  - iv. Share best practices and barriers monthly with cohort
- d. NPC-QIC Commitment
  - i. Analyze data submitted by teams
  - ii. Provide team coaching on quality improvement (QI)
  - iii. Hold monthly calls to facilitate learning between teams
  - iv. Logistics – of all meetings, events, communication, stakeholders

### Network Wide Improvement (Spread)

- a. Team: All Centers
- b. Spread occurs once learning cohort demonstrates:
  - a. Reliability to the tested interventions, or
  - b. Special cause in the outcome data, or
  - c. Accomplishes the project SMART aim
- c. Expectations
  - i. All centers adopt measures & improvement approaches at their local environment
  - ii. Network wide/aggregate improvement
  - iii. Sharing best practices during Action Period calls, Learning Sessions, and/or publications



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## Sustain

- a. Team: All Centers
  - b. Expectations
    - i. Sustain the level of improvement
    - ii. Capture learnings in publications and presentations
    - iii. Review of data quarterly
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## Ongoing Support from NPC-QIC

- a. Monthly Webinars facilitated and organized by QIS and Project Management
- b. Leader Strategy Calls (Project Leaders, QIS, Project Management resource, Data Analyst)
- c. Assigned QIS, Data Analyst and Project Management dedicated resources
- d. Aggregate and Site Level Charts

## Capturing Learnings

- a. Publications (*Expectation*)
- b. Presentations (*Expectation*)
- c. Statistical change in outcomes

## APPENDIX

