Pediatric Improvement Collaborative for Clinical Trials & Research (PICTR®)
Program Overview

Summary

PICTR is the program within the I-ACT for Children site network that leads quality improvement initiatives. This clinical research learning network brings together pediatric research experts from all sectors – academia, children's hospitals, private practice, industry and nonprofit– to **transform clinical research systems and processes to improve pediatric disease care, practice, and outcomes so that more safe and effective therapeutic interventions reach children sooner**. PICTR does this by:

- Collecting clinical trial operational data to analyze where best practices are happening and where processes can improve
- Educating and training network sites to use quality improvement in practice
- Creating a continuous learning environment designed to improve how pediatric clinical trials are conducted

Benefits

All I-ACT for Children sites can grow by engaging in PICTR. Benefits of participating in a learning collaborative include:

- Accelerating process and system improvement
- Defining, documenting and disseminating good ideas
- Developing leadership skills to guide and implement change at your site
- Influencing sponsors and leading the way for industry transformation
- Collaborating with other sites to improve how your site conducts trials
- Having access to a shared platform/infrastructure of technology, policies, processes and incentives so that you can find what's needed, when it's needed
- Making data-informed decisions that drive your priorities.
- Working with a community where everyone – patients, families, clinicians, resesearchers and others – can make a difference.
- Access to training and coaching, including on-site/virtual visits
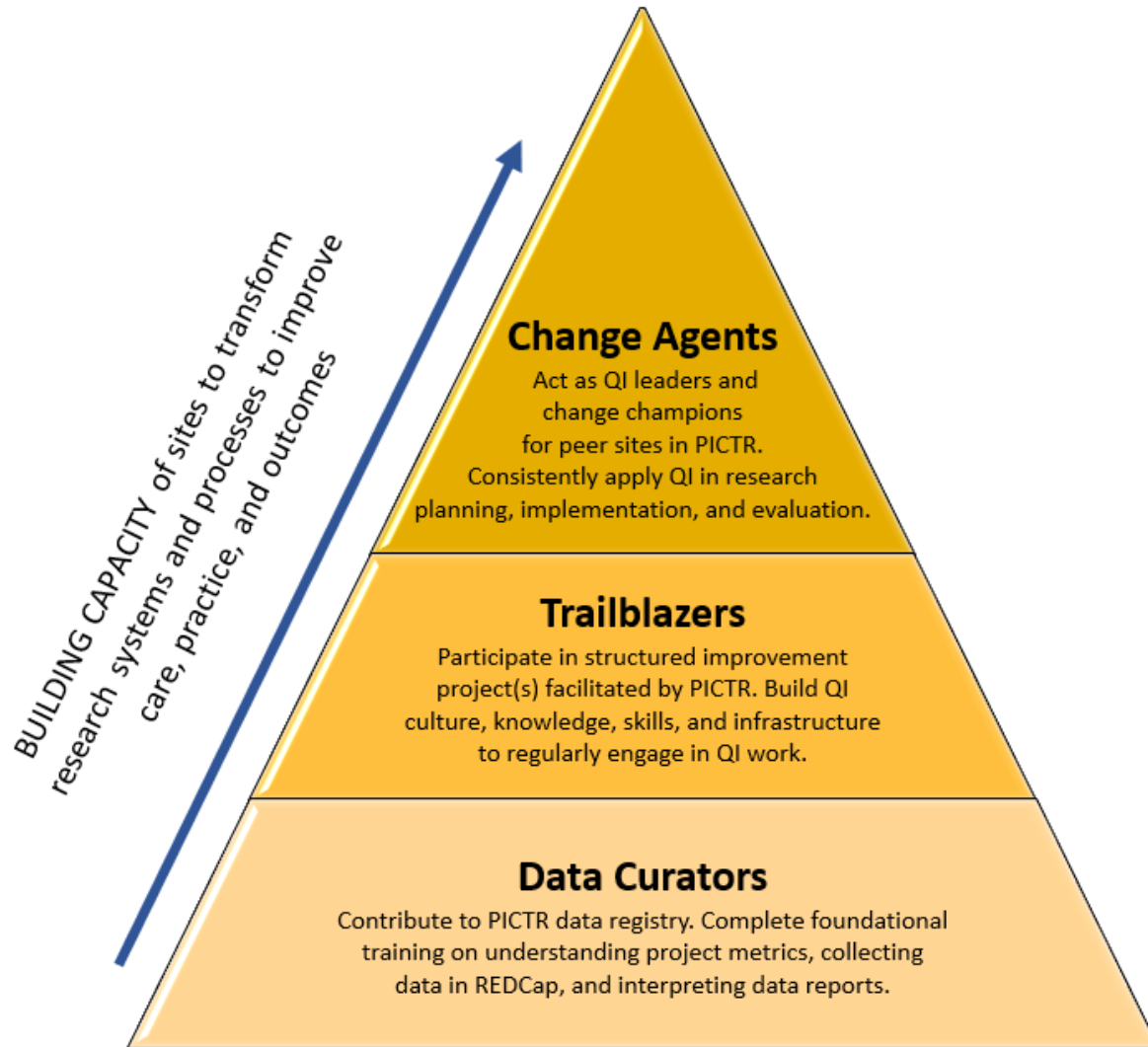- Improved job statisfaction

Support

The PICTR program offers I-ACT for Children network sites assistance in building the capacity of clinical research teams to use quality improvement in practice. This support may include, but is not limited to:

- Consultation
- Training
- Facilitation
- Coaching
- Peer learning opportunities
- Technical assistance
- Data collection, reporting and analysis
- On-site/virtual visits

Approach

PICTR uses a tiered approach to building QI capacity for I-ACT for Children network sites. This enables the PICTR team to provide tailored support to the site team based on their unique capacity and goals. The descriptions of each tier are included here:

BUILDING CAPACITY of sites to transform research systems and processes to improve care, practice, and outcomes

Change Agents
Act as QI leaders and change champions for peer sites in PICTR. Consistently apply QI in research planning, implementation, and evaluation.

Trailblazers
Participate in structured improvement project(s) facilitated by PICTR. Build QI culture, knowledge, skills, and infrastructure to regularly engage in QI work.

Data Curators
Contribute to PICTR data registry. Complete foundational training on understanding project metrics, collecting data in REDCap, and interpreting data reports.

Getting Started

Sites begin by reviewing the PICTR Charter and Commitment Summary. Then they complete the PICTR Participation form and send it to PICTR@iactc.org. When sites first get involved in PICTR, I-ACT for Children staff will work with the site team to understand their current capacity, including QI knowledge, skills and experience. Sites also will share with PICTR staff their interests, goals and priorities. Together, they will identify the tier that the site will start on. Then, PICTR staff will work with each site to form a QI team based on their tier and goals of their participation. Each site will identify an Executive Sponsor and QI Lead (QIL) who will serve as the main points of contact for PICTR communications, planning and support. PICTR staff members are available to assist as needed. Email us at PICTR@iactc.org.