Maternal Newborn Child & Youth Strategic Clinical Network

Transformational Roadmap Summary

AHS Vision
Healthy Albertans. Healthy Communities. Together.

MNCY SCN Mission
To bring together people, evidence and data to achieve the best possible health outcomes for mothers, newborns, children, youth and families within a sustainable publically funded healthcare system.

METRICS THAT MATTER
MyCHILD system-linked data sets to improve quality & sustainability
Neonatal Intensive Care Unit (NICU) Dashboard to support clinical & operational improvements
Determine Key Performance Indicators (KPI) that reflect MNCY’s vision

QUALITY & SUSTAINABILITY
AHS Pregnancy Pathways
Health Outcome Improvement Fund (HOIF)
Clinical Knowledge Topics to support common problems
Improved outcomes for Indigenous populations
Appropriate use of methodology & resources
Support Family Integrated Care in NICU
Pediatric Concussion Pathway

Successes
46/50 Hospitals have implemented the Normal Postpartum & Newborn pathways
The MNCY SCN Health Outcomes Improvement Fund supports 19 pediatric, neonatal and obstetrical research projects for a total of $3.1 million
Clinical pathways & associated medical order sets developed for Induction of labour, Pediatric Concussion, Pediatric Diabetic Ketoacidosis, & Postpartum Hemorrhage
3 Indigenous community outcome improvement projects funded through MERCK & Alberta Innovates
$5 Million savings from discontinuation of fetal fibronectin usage
5/10 Level 2 NICUs have implemented Family Integrated Care
Research project underway to implement and evaluate the pediatric concussion pathway in 5 Alberta emergency departments

ACCESS & CAPACITY
Sustainable Pediatric & Neonatal workforce
Optimized pediatric capacity supported through Standardized Pediatric Nursing Education & Telemedicine support for physicians
Improved Access to obstetric care for rural, Indigenous & marginalized populations
Facilitated transitions for families of children with complex care needs to adult services

Guiding Principles
Families as Partners
Innovation & Knowledge Translation
Coordination & Collaboration
Integration
Focus on Outcomes

Successes
MyCHILD built in partnership with PolicyWise, funded by WCHRI, Alberta Innovates, U of C Pediatrics, & supported by 4 data analysts
Modified Delphi process used to develop Key Performance Indicators

Successes
Pilot project to be implemented using telemedicine between ACH & Medicine Hat
Research project underway to examine effectiveness of transitions navigator for children with complex needs

Revised December 18th, 2017
Transformational Road Map 2017-2020