



# Creating a Learning Health System for Neurodevelopment

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## Introduction

### MISSED OPPORTUNITIES IN CARE

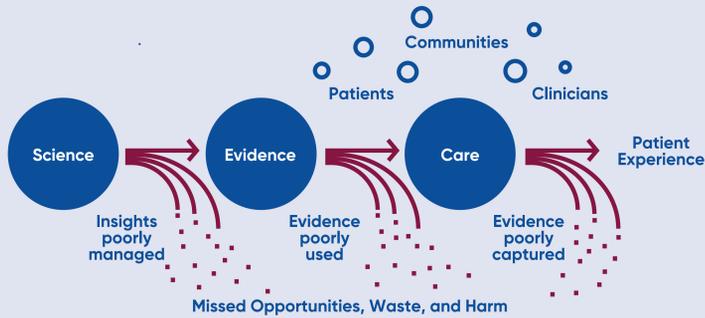
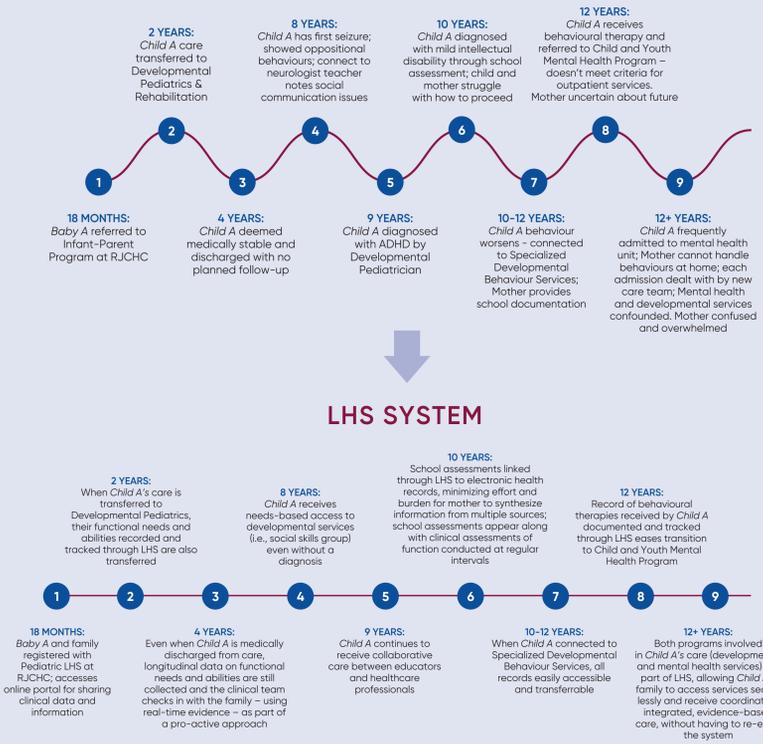


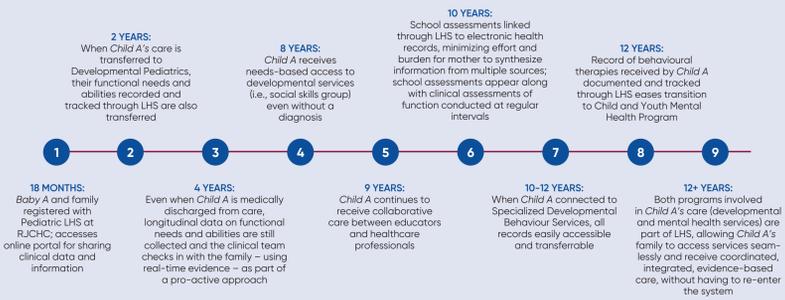
Image adapted from: Best Care at Lower Cost: The Path to Continuously Learning Health Care in America. Committee on the Learning Health Care System in America, Institute of Medicine; Smith M, Saunders R, Stuckhardt L, et al., editors. Washington (DC): National Academies Press (US); 2013 May 10.

### CURRENT SYSTEM

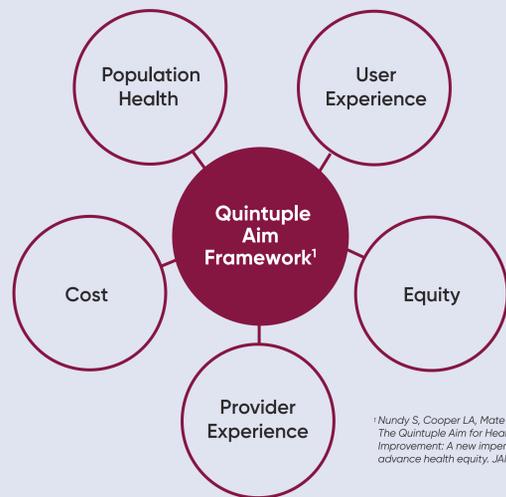
Following traumatic birth, Baby A diagnosed with hypoxic ischemic encephalopathy. Baby A is seen by neurologist regularly and diagnosed with cerebral palsy and visual impairment at 18 months old.



### LHS SYSTEM

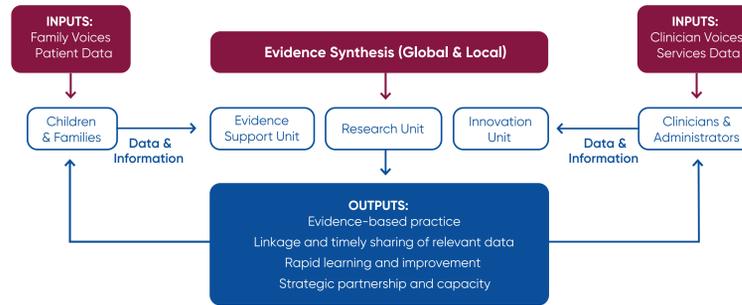


### QUINTUPLE AIM FRAMEWORK

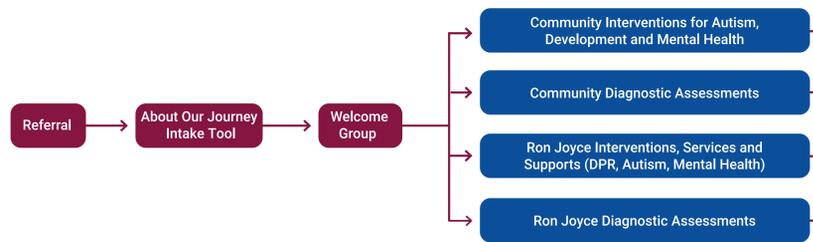


## Methodology/Progress

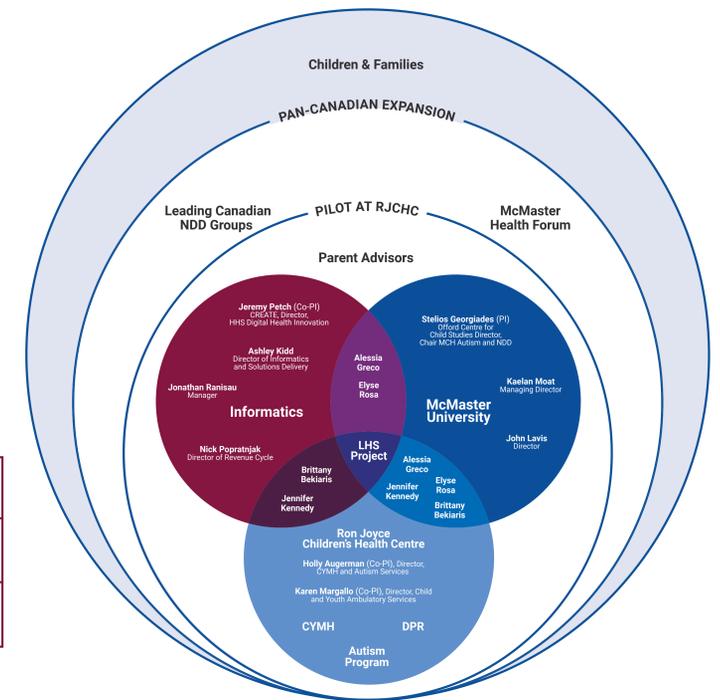
### EVIDENCE, RESEARCH & INNOVATION MODEL



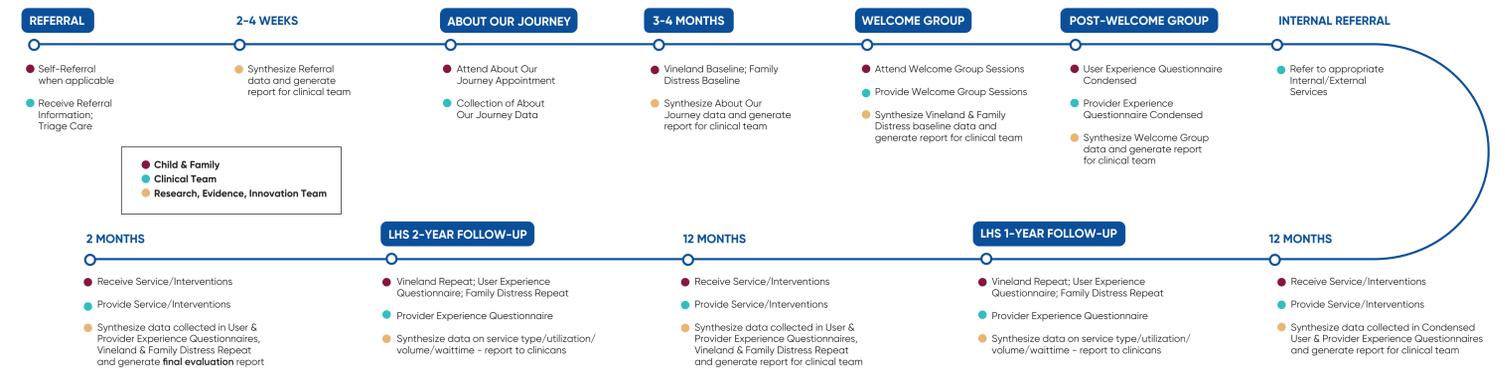
### FAMILY CARE JOURNEY (PILOT PROJECT)



### CO-DESIGN FRAMEWORK



### DATA COLLECTION TIMEPOINTS (PILOT PROJECT)



### PROJECT TIMELINE

