

# Focused C-Section Recovery: Better Outcomes, Less Cost, & a Healthier Community

**Champion - Regina Gomez, MD, FACOG**

**Key Stakeholders**  
 Nurse Educator - J Kelly    OB Pharmacy - A Lange  
 EPIC - A Hamilton  
 PolicyStat - J Maurice MD, J Kelly

**Key Stakeholders**  
 WCS Leadership: D Houchins, L Peters, F Cacal  
 Nurse Champions, Support Staff, Data Analytics

## Define

### Background

Mothers delivered by c-section at NCH are currently recovered by conventional guidelines which are outdated and lead to suboptimal outcomes for the mother and baby as well as higher costs for the healthcare system.

### Business Case

Using proven perioperative pathways for every patient undergoing surgical delivery can deliver \$294K/yr in healthcare savings based on our current volume and allow NCH to take a leadership position as opioid stewards.

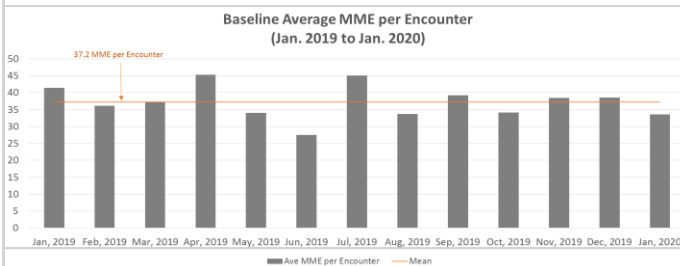
### Goals and Expected Deliverables

- \*Reduce length of stay (LOS) by 0.5 days
- \*Reduce opioid use by 10% per encounter
- Leverage EHR enhancements to facilitate the process
- Provide patient/provider education and engagement tools
- Team driven process changes
- Create MME report for audit/feedback

## Measure

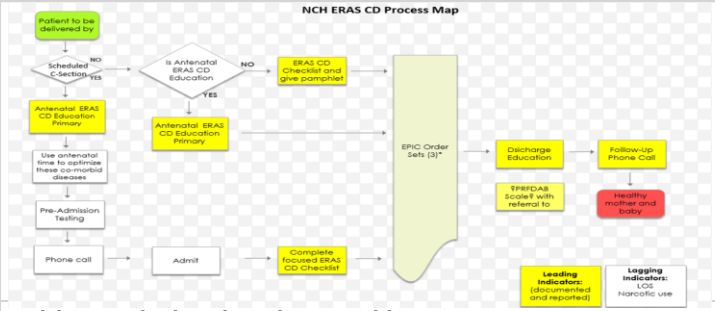
### Baseline Measures

FY2019 C-Sections at NCH averaged 37.2 MME per Encounter

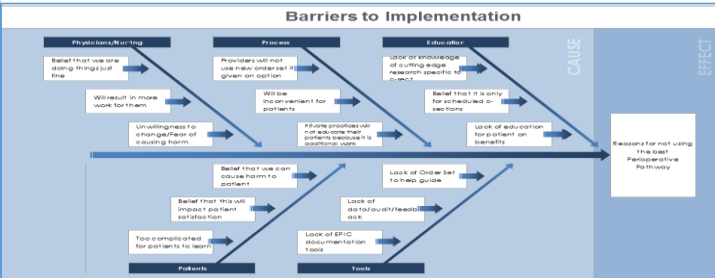


## Analyze

Process Analysis led to key areas of change



Fishbones helped understand barriers



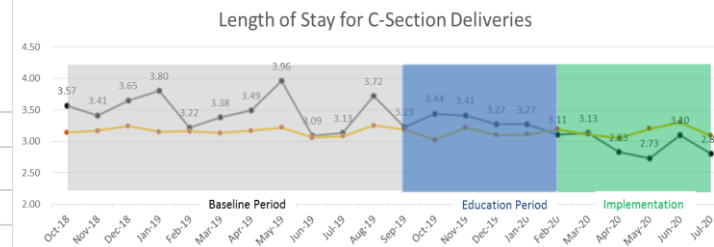
## Improve

Keys to Success

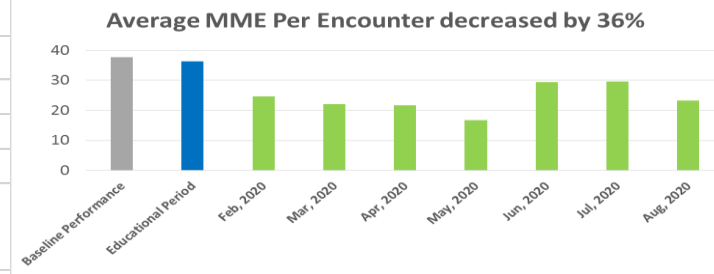
- Utilization of the most current research specific to cesarean section and the mother-baby dyad
- Robust education
- Align independent private practices with the NCH delivery team
- All inclusive- all providers, all patients, all at once
- New opioid EPIC reports segmented by Group and Physician to provide weekly performance data
- Uniquely designed order sets

## Control - Launch Date February 1, 2020

Reduction in ALOS allowed FY2021 Budget reduction in Labor costs from 34 to 32 hrs per delivery



Continued decrease in MME per Encounter



Higher % of Patients receiving no Opioids

