

Sharla Fast RD, IBCLC¹; Nicole Kjartanson RBNB, IBCLC¹; Ashley Alonius RBNB¹; Shayna Albo RBNB¹; Deepak Louis MD, DM^{1,2}; Molly Seshia MBChB^{1,2}

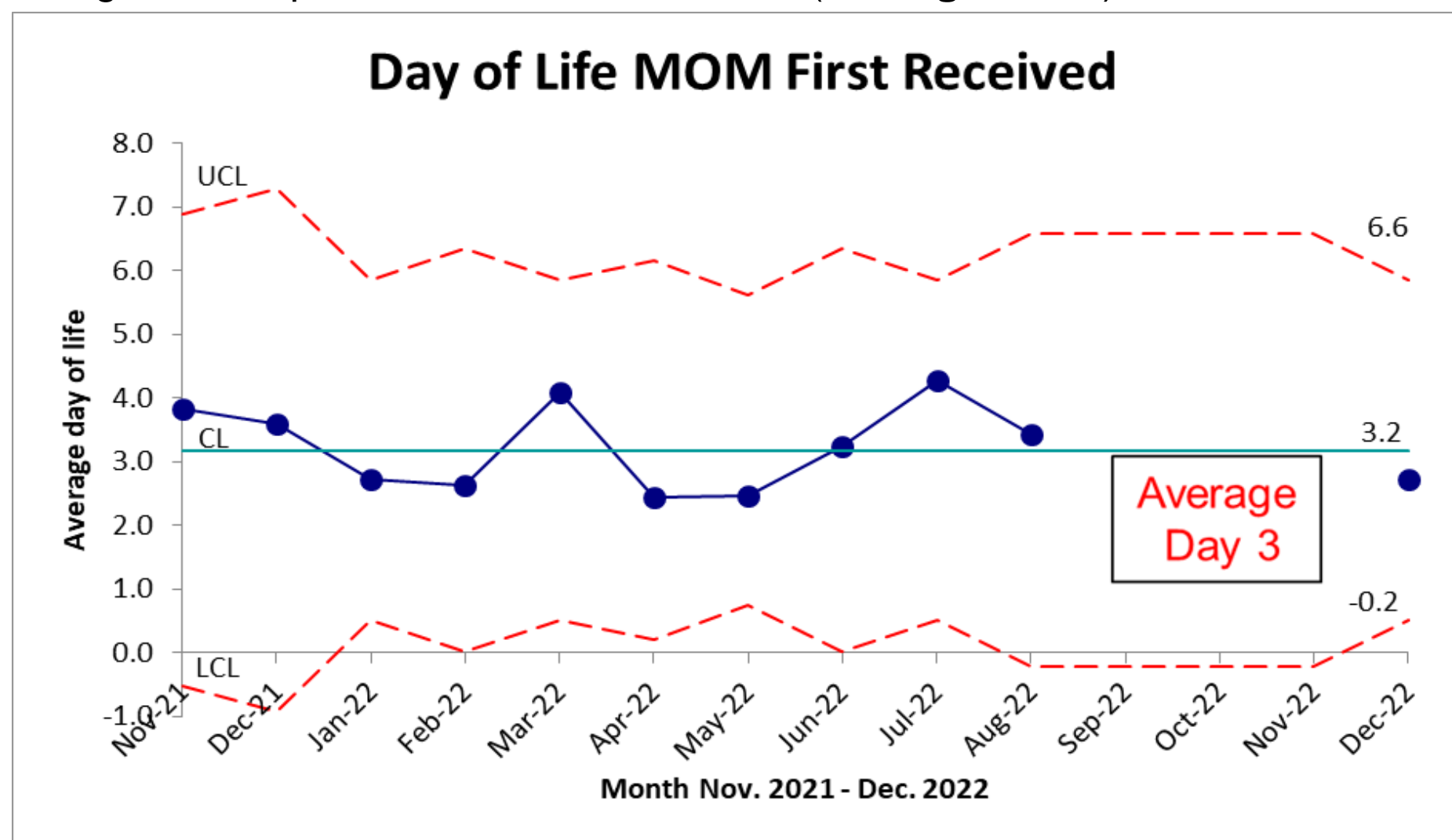
1. Health Sciences Centre Winnipeg 2. Department of Pediatrics, University of Manitoba, Winnipeg, MB

Quality Improvement (QI) Aims

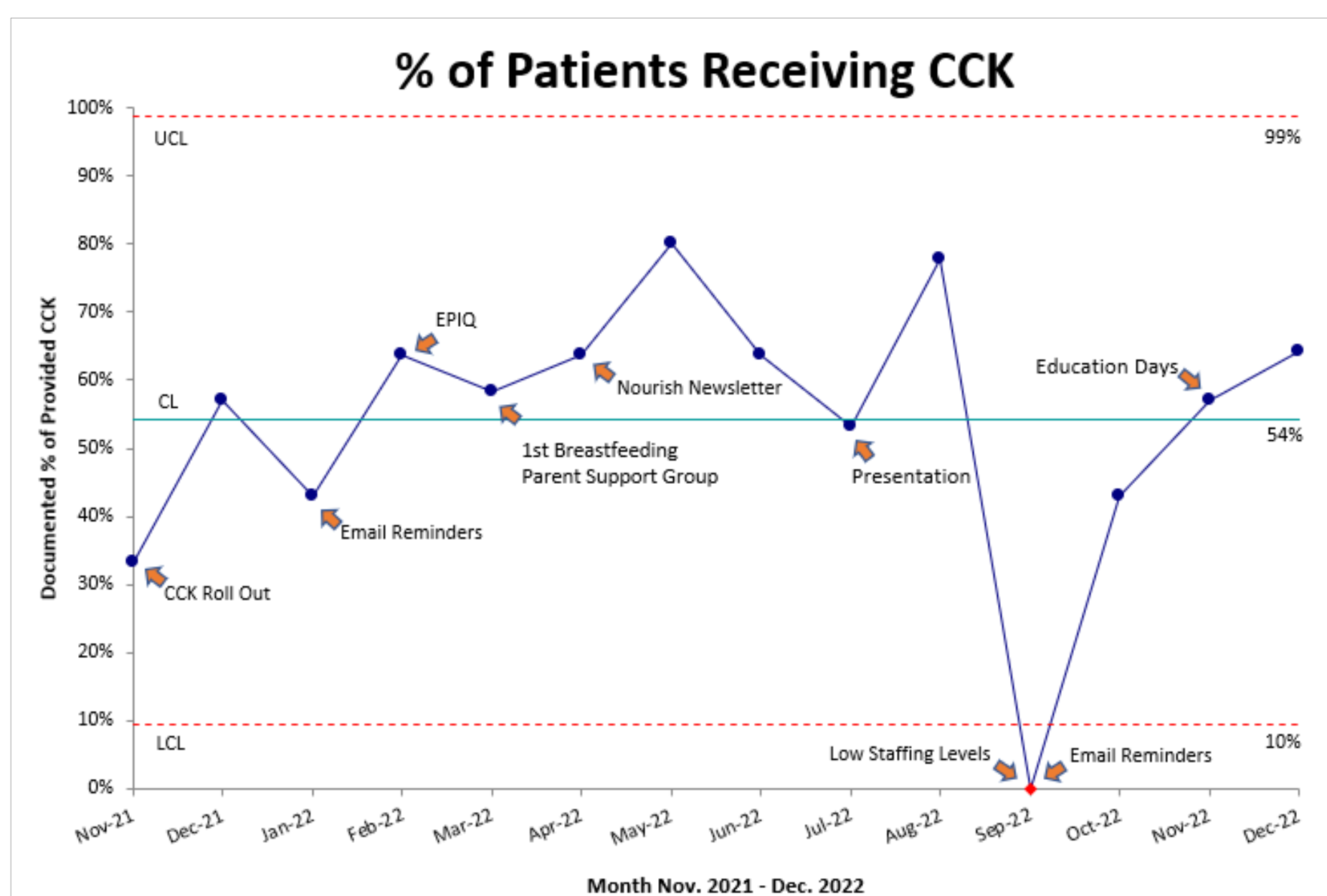
- Overarching Aim:** By 2025, 80% of infants born <33 weeks gestational age (GA) receiving mother's own milk (MOM) at 28 days of age
- Project Aim:** Decrease the time to first Oral immune therapy (OIT) using MOM within 24 hours of life in 50% of infants born <33 weeks GA

Background

- Literature reviewed to determine best practices to decrease time to MOM
- Early receipt of MOM associated with sustainment of breast feeding
- Age at receipt of first MOM was audited (See fig. below)

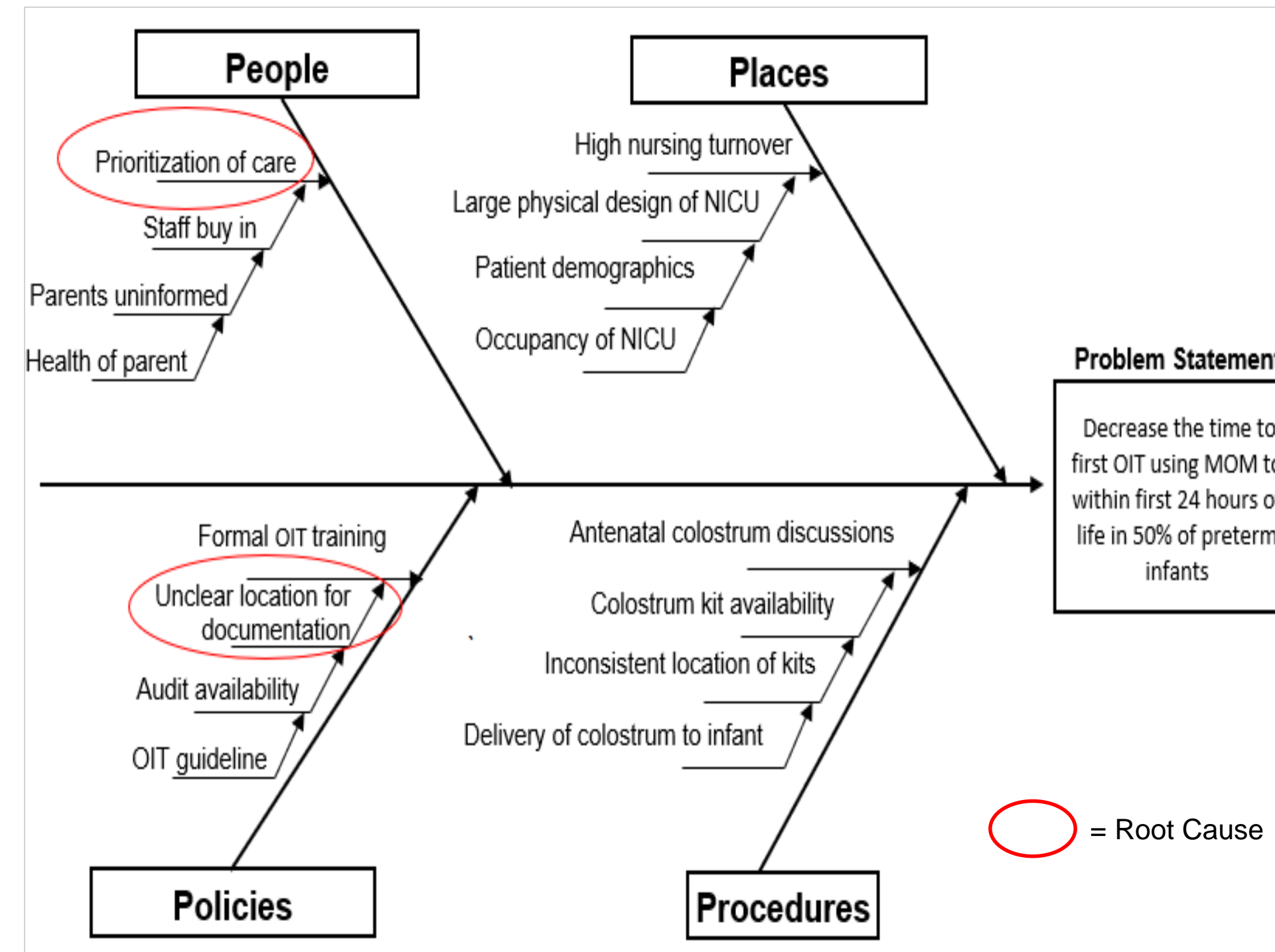


- EPIQ 2021- 2022 PDSA: Improve and maintain colostrum collection kit (CCK) delivery to all mothers with infants admitted to NICU
 - Goal of 50% met, highest month 80%. (See fig. below)

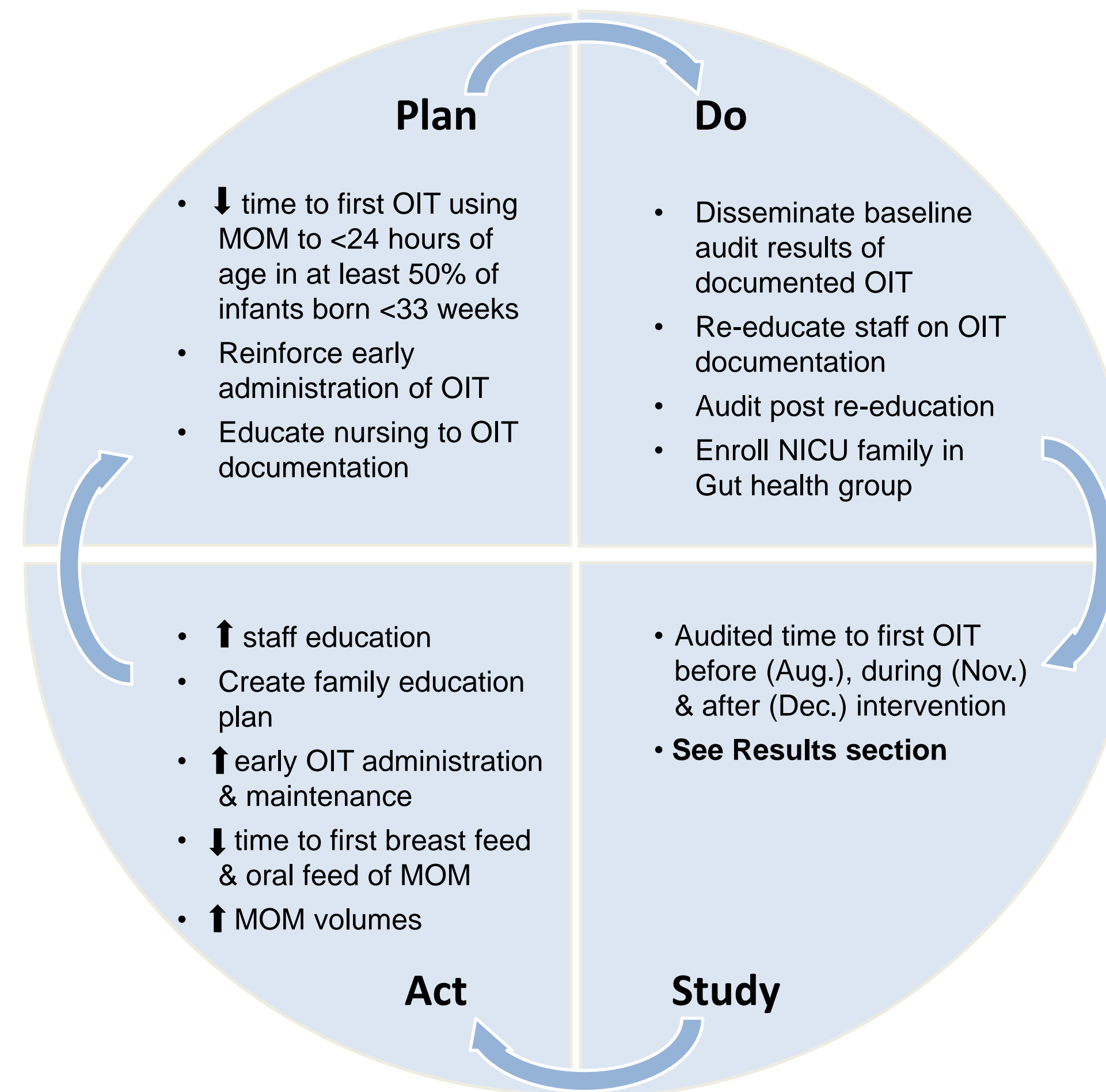


- Gut health group sensitized team to improvements needed to support OIT
- Providing OIT is natural next step for infant after receiving MOM from CCK
- Decision to target OIT, as multiple benefits including enhancing immune protection, gut maturation, feed tolerance, prevention of ventilator associated pneumonia, while supporting early receipt of MOM and increasing parental involvement

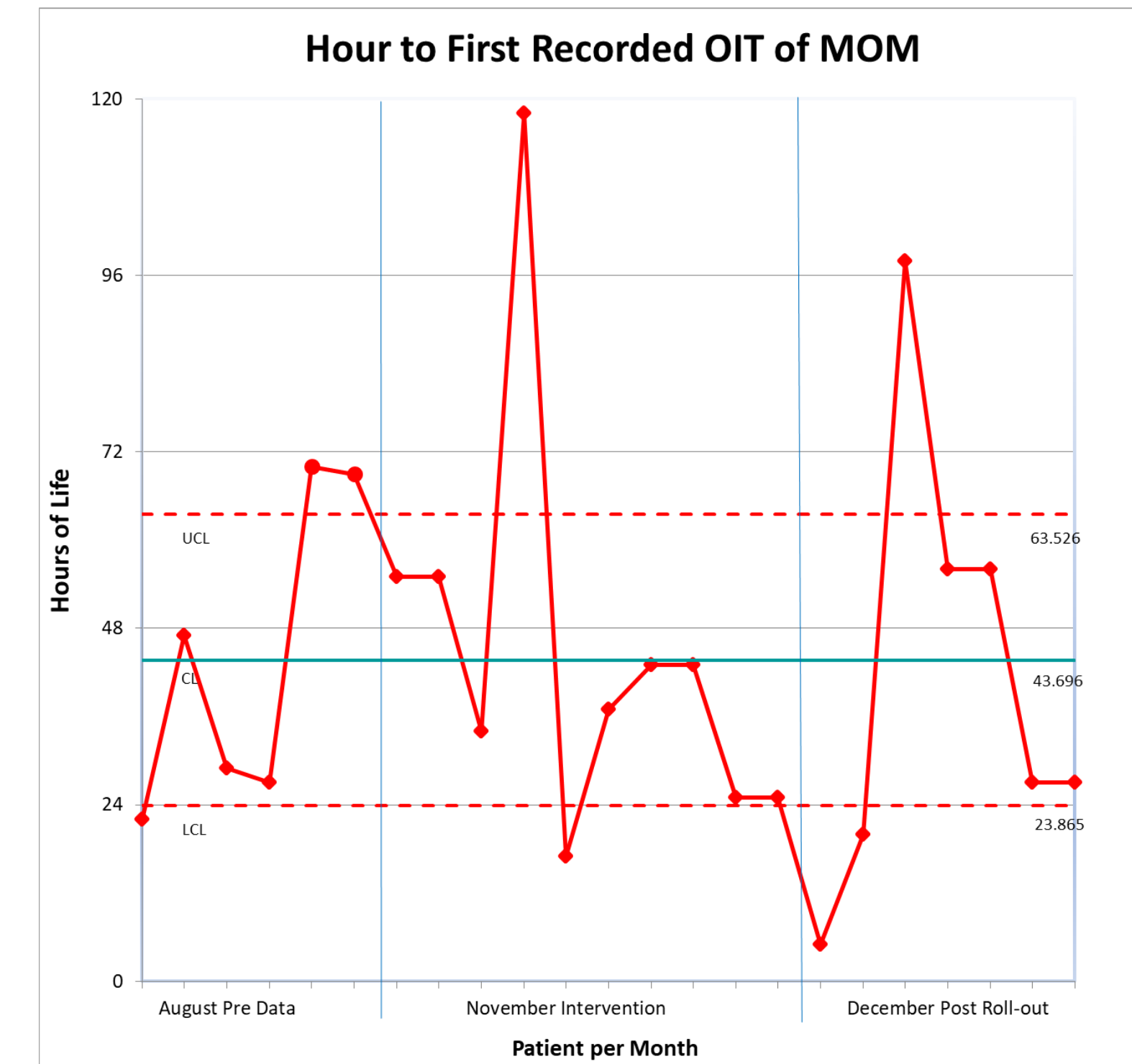
Fishbone Driver Diagram



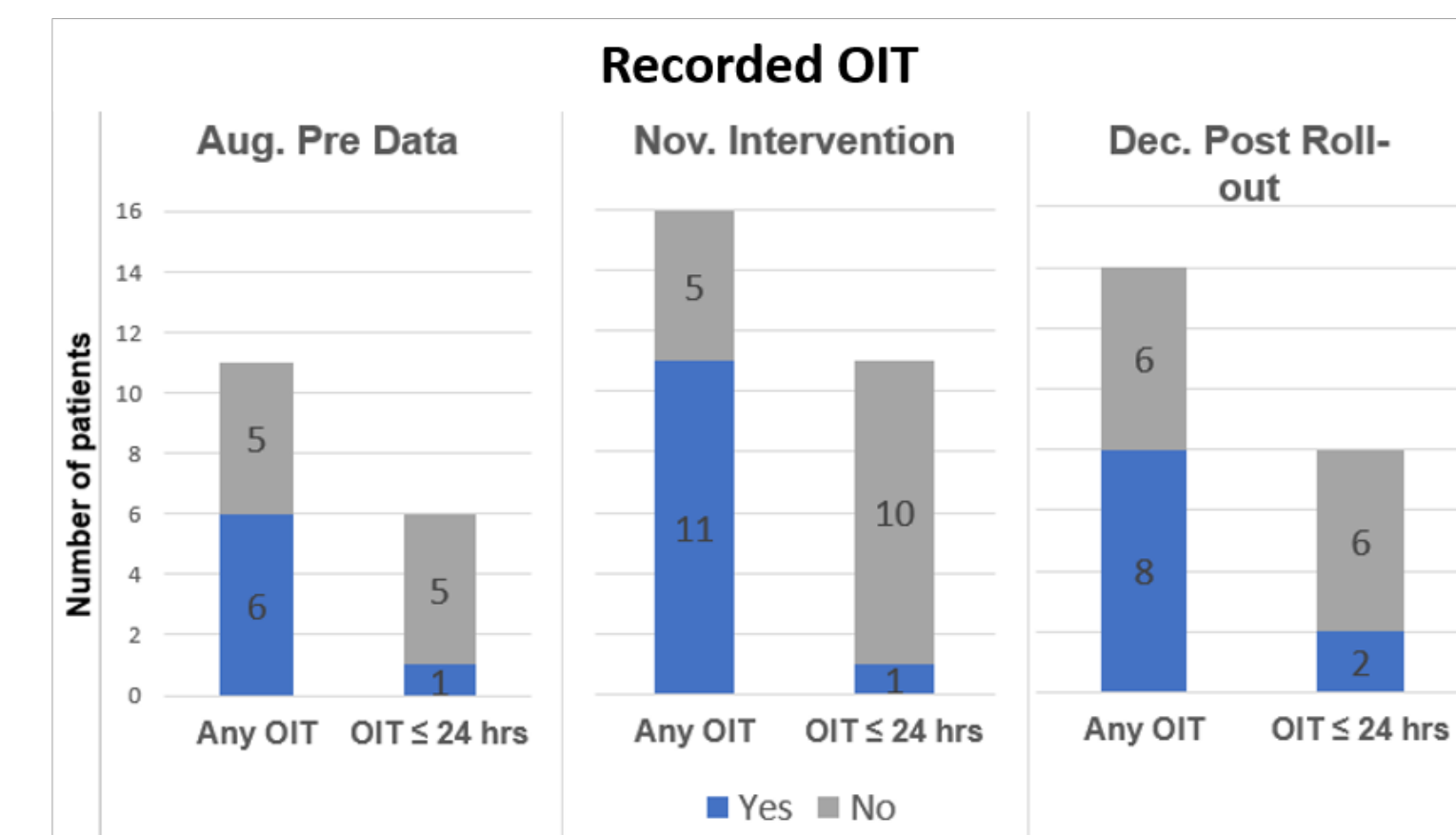
PDSA Cycle



Results



Exclusion criteria: first OIT recorded >5 days of life



Conclusions & Next Steps

- Overall documentation of OIT increased after the QI project
- Rate increased from 17% to 25% post intervention
- Goal of 50% was not achieved
- Next steps:
 - Develop early MOM bundle
 - Staff education to improve time to first OIT, including: importance, procedure and updated guideline
 - Parental education including: procedure and OIT delivery
 - PDSA cycles to:
 - Improve MOM volumes
 - Improve documented time to first MOM

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