Improved Care of Mothers & Newborns Affected by Opioids

Rush Copley Medical Center

Hospital Overview

- 210-bed community hospital within a large academic healthcare system
- Level III Perinatal Facility that does approximately 3,000 deliveries per year

Problem

- Absence of a comprehensive plan of care for mothers and newborns affected by opioids
- Due to the infrequency with which OUD patients present, staff were uncomfortable caring for these patients and opportunities were being missed

Project Implementation

- RCMC joined ILPQC MNO Initiative in March 2018
- Implemented the 5 P’s Validated Screening Tool to identify mothers with OUD (Figure 1)
- Replaced the Finnegan Tool with Eat, Sleep and Console care tool to optimize non-pharmacologic care
- A pharmacologic algorithm was developed to include PRN dosing for morphine
- Developed and initiated interdisciplinary MNO huddle upon identification of MNO patient
- Huddles include:
  o Charge RN, Primary RN, Managers, Educators, Care Manager, Providers, Lactation Consultant, Women’s Health Director
  o Use of the Clinical Care Checklist, Safe Discharge Checklist and proactive use of the Missed Opportunity document

Results

- Increased staff and provider awareness of the scope of OUD in pregnancy by utilizing the 5 P’s and Prescription Monitoring Program
- Since implementing ESC with increased use of non-pharmacologic care, no newborns have required pharmacologic intervention (Figure 2)
- Successful inclusion of mothers in the care and treatment of their newborn
- Provision of a safe discharge plan for all newborns affected by OUD

Conclusions

- A comprehensive plan is in place for the care of OUD patients
- Successfully kept moms and newborns together and reduced the need for pharmacologic intervention
- Sustainability plan in place to continue the gains we have made so far and modify the plan as needed

Figure 1

- Percentage of Sampled Deliveries with Substance Use Screening Documented on Labor and Delivery Quarterly

Figure 2

- Newborns Treated With Eat Sleep and Console by Month of Birth

Hospital MNO Team

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Director of Neonatology - Dr. Lisa Sajaplane, MD
Maternal Fetal Medicine Specialist - Dr. Barbara Pannila, MD, FACOG, FASAM
NICU Clinical Manager - Louise Fazio, MSN, RNC-NIC, CNML
OB Clinical Manager - Andrea Grzyb, MS, RNC-OB, APN, CNML
L&D Clinical Manager - Peggie Mikkelson, MSN, RNC-OB
NICU Clinical Educator - Sharon Colin, MSN, RNC
Women’s Health Clinical Educator - Meg Piette, MSN, CNML, RNC-OB, C-EFM
Care Management - Celeste Emrich, MSW, LSW
Women’s Health Coordinator - Melissa Knapp, MSN, RNC-MNN, C-OMS
NICU Staff RN - Made Tassone, BSN and Carol Heinz, RNC-NIC
OB Staff RN - Tita Cozzoni, BSN, RNC-MNN and Katherine Mueller, MSN, RNC-MNN
L&D Staff RN - Tracie New, BSN and Melissa Acton, MSN, RNC-OB, C-EFM
Lactation and Childbirth Education Coordinator - Gina Becker-Espinosa, MSN, RNC-MNN, CLC
Lactation Consultant - Susan McCormack, MS, RD, IBCLC
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