Kansas Perinatal Quality Collaborative’s Neonatal Abstinence Syndrome Initiative

**AIM STATEMENT**

By Oct 2020:
* 85% of all Kansas birth centers enrolled in VON NAS Universal Education will achieved “Center of Excellence” designation
* Less that 50% of infants at risk for NAS will be directly admitted to the NICU
* Number of infants at risk for NAS requiring pharmacological treatment will decrease by 25%
* LOS for Kansas infant pharmacologically treated will decrease by 2 days

**PRIMARY DRIVERS**

- VON Universal Training (NAS Education and State Tool Kit)
- Support Centers in VON Education, Standardizing Care Guidelines
- KPQC Learning Forum Webinars
- Data collection and QI education
- KPQC Regional Workshops
- KPQC General Meetings

**INTERVENTIONS**

- Champions for each center identified (VON champion/Data collector/Physician or team leader) – could be the same person in smaller centers
- VON Universal Education rolled out through champions at each center
- Educational information concerning center of excellence designation
- VON learner progress reports, tips for completion
- Education on VON state toolkit resources and practice building guidelines
- KPQC reviews VON progress on monthly basis with participating Centers
- KPQC facilitates resources for Centers, educational updates
- KPQC aids navigation of VON State site and Center sites
- KPQC facilitates state data reporting, monthly data reports via Learning Forums and KPQC website
- Centers have access to VON/State tool kits and support from KPQC to work locally in development/implementation of standardized care practices
  - Initial Webinar VON Launch (June & October 2018)
  - Centers supported with monthly Learning Forum webinars
  - Initial Learning Forums focused on navigating Kansas state site and outlining 8 PBP
  - Jan-Aug 2019 Learning Forums focused on didactics on each of best practices, peer experience and data collection
  - Further Learning Forums directed by needs of the group
  - Some experts to present in webinars (PT/OT/Pharm) etc.
- Dynamic data collection in which data entering process provides QI direction and real time feedback
- Data support and education for centers
- Data processing for individual centers and unidentified comparisons for all centers
- Face to face meetings with participants from regional areas within Kansas
  - Give direct support for QI processes and detailed education on best practices in which centers require support
  - General meetings focusing on QI and best practice implementation
  - Initial Workshops occurred after preliminary work was done by each center through webinar and direct support
  - Phase two workshops address compassionate care, advanced protocol building

**Key Performance Measures:**
- Direct admits to NICU
- % pharm treatment
- LOS for those pharm treated
- Transfers to referral center for infant at risk or with NAS