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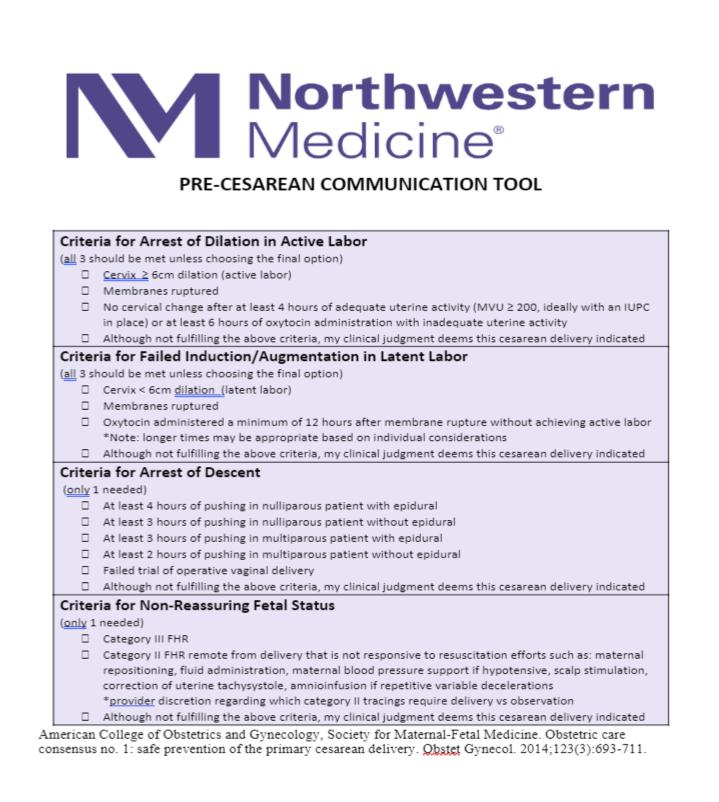
Northwestern Memorial Hospital is a Level III academic medical center located in Chicago, Illinois. Over 11,000 patients were delivered in 2020.

Problem

Northwestern Memorial Hospital submits PC-02 Cesarean Birth data to the Joint Commission. The PC-02 measure reflects cesarean delivery rate in nulliparous, term, singleton, vertex patients (NTSV). In CY 2019, our PC-02 rate based on a sample size was 16.6%; in CY 2020 the rate increased to 24.1%. Data review identified three contributing factors: 1) the reason for cesarean is often not documented in the EMR, 2) if documented, the data in the delivery summary did not align with the clinical indication and 3) the clinical indication did not align with ACOG recommendations.

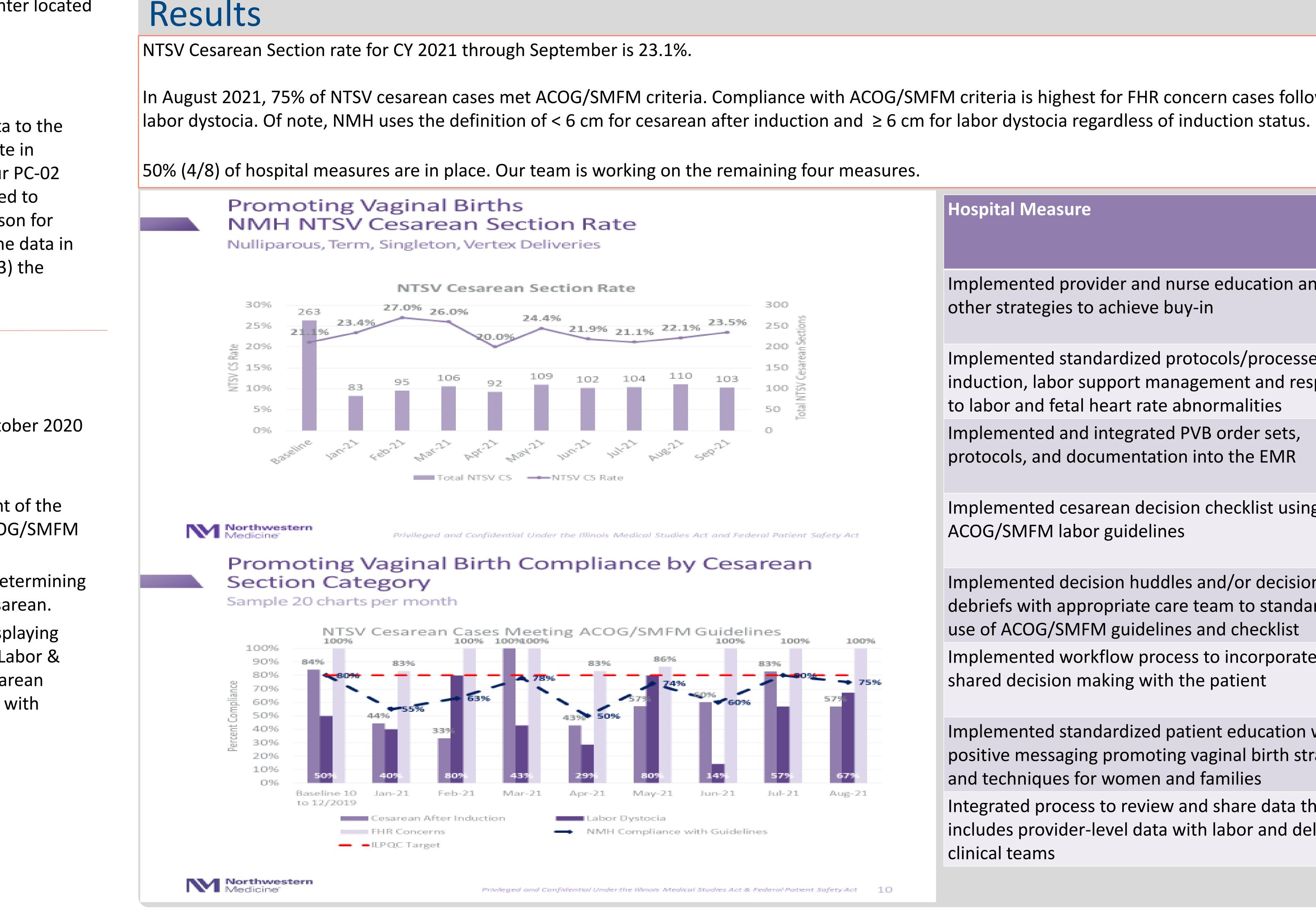
Project Implementation

- The ILPQC Promoting Vaginal Birth Initiative was launched in October 2020 in an effort to decrease our NTSV cesarean delivery rate.
- Reports were created to identify our entire NTSV population.
- A Grand Rounds was held in June 2021 to update the Department of the increasing cesarean rate trend and provide education on the ACOG/SMFM recommendations for cesarean delivery.
- A pre-cesarean communication tool was developed to assist in determining if ACOG/SMFM criteria was met prior to proceeding with the cesarean.
- Starting with CY 2021, on a quarterly basis, a graph is created displaying blinded NTSV cesarean practice rates. The graph is displayed on Labor & Delivery and distributed to the practices with their rates and cesarean indications. We plan to distribute the practice data in the future with individual rates.



Pre-Cesarean **Communication Tool**

Get Out of the Way! – Promoting Vaginal Births Northwestern Memorial Hospital



Conclusions

Efforts to improve NTSV rates will continue through

- Data review/analysis;
- Education on ACOG/SMFM criteria and labor support management;
- Distribution of provider/practice data.

In August 2021, 75% of NTSV cesarean cases met ACOG/SMFM criteria is highest for FHR concern cases followed by cesarean after induction and



e	Status through 8/2021
ovider and nurse education and to achieve buy-in	Working on it
ndardized protocols/processes for support management and response I heart rate abnormalities	In place
d integrated PVB order sets, ocumentation into the EMR	In place
sarean decision checklist using or guidelines	In place
cision huddles and/or decision propriate care team to standardize FM guidelines and checklist	Working on it
orkflow process to incorporate naking with the patient	Working on it
ndardized patient education with ng promoting vaginal birth strategies or women and families	Working on it
ss to review and share data that r-level data with labor and delivery	In place

Acknowledgements/Hospital Team

NMH Promoting Vaginal Birth Team

- Physician Champion: Emily Donelan MD
- **Nurse Champion:** Marissa Wernick, Manager L&D
- **Team Leader:** Deborah Miller, Quality
- **Team Members:** Mary Clare Vanecko APRN CNM; Nancy Grady APRN CNM; Mahesh Vaidyanathan MD; Marybeth Lore MD; Alexandra Stewart RN Education Coordinator; Laura Kosiek RN Education Coordinator